

UNA COMUNITA' EDUCANTE AL FUTURO LA STRATEGIA INTEGRATA DI SVILUPPO URBANO SOSTENIBILE 2030 PER SAN ROCCO FESR AZIONI 6 E 7

Istituto comprensivo "Koinè": Scuola Primaria di Primo Grado Omero, via Omero 6, Scuola Primaria di Secondo Grado Pertini, Via Gentili 20
Appalto integrato delle Scuole Primaria Omero e Secondaria Sandro Pertini del Comune di Monza.

COMUNE DI
MONZA

R.U.P.

Arch. Alberto Gnoni

PROGETTO DI FATTIBILITÀ TECNICO ECONOMICA

MNZ_PFTE_STRU_001

RELAZIONE TECNICA E SPECIALISTICA DELLE OPERE STRUTTURALI - AULA MAGNA E CORPO DI COLLEGAMENTO**PROGETTISTI****SETTANTA7 S.R.L.**

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**COLLABORATORI E CONSULENTI****REV.****Data****Descrizione**

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01/2024

PRIMA EMISSIONE

01

01/2024

SECONDA EMISSIONE

02

02/2024

TERZA EMISSIONE

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I // PREMESSA

TITOLO DELL'INTERVENTO	Istituto comprensivo "Koinè": Appalto integrato delle Scuole Primaria Omero e Secondaria Sandro Pertini del Comune di Monza.
COMMITTENTE	Comune di Monza (MB)
PROGETTISTI	Settanta7 srl
TIPOLOGIA DI INTERVENTO	Miglioramento energetico e sismico
CARATTERISTICHE DELL'INTERVENTO	Efficientamento energetico con un miglioramento del 30% delle prestazioni energetiche e un miglioramento sismico

La presente relazione è redatta ai sensi dell'Allegato 1.7 al D.L. 31 marzo 2023 n.36 "Codice dei contratti pubblici in attuazione dell'articolo 1 della Legge 21 giugno 2022 n. 78 recante delega al Governo in materia di contratti pubblici" e si costituisce quale relazione di calcolo preliminare delle strutture per l'intervento relativo all'Efficientamento energetico con un miglioramento del 30% delle prestazioni energetiche e un miglioramento sismico dell'Istituto comprensivo Koinè"

La presente relazione riguarda le verifiche condotte sugli edifici esistenti delle scuole Omero e Pertini, per le quali sono previsti interventi di riparazione o interventi locali ai sensi del par. 8.4.1 delle NTC2018, in considerazione della limitata conoscenza, allo stato attuale, delle strutture esistenti,

In particolare, mentre per l'edificio della scuola Omero è stato possibile risalire alla documentazione progettuale originale (del 1981, progettista ing. Pino Galimberti) che ha fornito elementi utili alla conoscenza delle strutture esistenti, per la scuola Pertini non è stato rinvenuto materiale interessante dal punto di vista strutturale, se non una recente verifica di vulnerabilità sismica di un edificio con caratteristiche simili (da accertare nelle seguenti fasi della progettazioni – verifica di vulnerabilità sismica della scuola Bonatti – ing. P. Mobilia, gennaio 2019).

Considerata la destinazione d'uso dell'edificio, lo si considera di classe d'uso IV (ai sensi par 2.4.2. delle Norme Tecniche vigenti) "costruzioni con funzioni pubbliche o strategiche importanti, anche con riferimento alla gestione della protezione civile in caso di calamità" e con vita nominale di progetto pari a 50 anni (par. 2.4.1. NTC2018), per costruzioni con livelli di prestazioni ordinari.

Il calcolo delle azioni sismiche sulla struttura è condotto mediante analisi lineare dinamica (analisi modale), considerando un fattore di comportamento $q=1$, ed eseguendo tutte le verifiche strutturali in campo elastico (struttura non dissipativa).





1.1.1.1 Inquadramento territoriale

Per la descrizione sintetica del quadro urbanistico di riferimento, si rimanda agli elaborati grafici prodotti in allegato al presente progetto di fattibilità tecnico-economica.

Localizzazione dell'intervento

Il nuovo complesso scolastico è situato nel comune di Monza (MB), nel lotto compreso tra le vie Alberico Gentili e via Omero.

L'area di intervento è posta nella parte a sud di Monza. La zona adiacente all'area di progetto è caratterizzata da un tessuto urbano misto composto da servizi, abitazioni e commerciale al piede. Gli edifici si sviluppano al massimo con tre o quattro piani fuori terra.

DATI GEOGRAFICI

COMUNE	MONZA
PROVINCIA	MONZA BRIANZA
REGIONE	LOMBARDIA
INDIRIZZO	VIA OMERO

DENOMINAZIONE – TIPOLOGIA EDILIZIA

DENOMINAZIONE ISTITUTO	ISTITUTO COMPRESIVO KOINÈ
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DATI CATASTALI

ESTRATTO DI MAPPA CATASTALE	
FOGLI	PERTINI N. 117, OMERO N. 116
PARTICELLA	PERTINI N. 210, OMERO N. 488



Scuola PERTINI:	Scuola OMERO:
Cartografia catastale: Terreno	Cartografia catastale: Terreno
Comune F704	Comune F704
Foglio 117	Foglio 116
Particella 210	Particella 488
Cartografia catastale: Fabbricato	Cartografia catastale: Fabbricato
Comune F704	Comune F704
Foglio 117	Foglio 116
Particella 210	Particella 488

- Scuola Primaria di primo grado Omero sita in via Omero 6;
- Scuola Primaria di Secondo Grado Pertini sita in Via Gentili 20 con ingresso principale sulla via Omero.



Vista dall'alto

**"Scuola Primaria di
primo grado OMERO"**

**"Scuola Primaria di
Secondo Grado Pertini"**

Descrizione dello stato dei luoghi // descrizione dello stato di fatto // tipologia e caratteristiche principali degli edifici oggetto di intervento

La scuola Pertini è stata realizzata tra 1974-78 sotto la direzione dell'Arch. Ricci, presenta i caratteri linguistici dell'ultimo periodo architettonico del progettista, in cui l'elemento principale è l'uso del cemento armato a vista.

L'edificio si sviluppa su cinque piani di cui: un piano interrato e quattro piani fuori terra ed al suo interno trovano spazio:

- Scuola secondaria di primo grado;
- Segreteria dell'istituto;
- la palestra è un corpo separato dal resto dell'edificio, ben distinguibile come funzione anche dall'esterno.

La scuola Omero è stata realizzata nel 1983; l'edificio nasce da un iniziale progetto dell'Arch. Ricci successivamente modificato dall'Arch. Faglia.

L'edificio si sviluppa su tre piani di cui: un piano interrato e due piani fuori terra ed al suo interno trovano spazio:

- Scuola primaria;
- Centro Socio Educativo - minori



1.1.1.2 Caratteristiche tecnico-funzionali della soluzione progettuale

Il progetto di riqualificazione dell'Istituto comprensivo "Koinè" viene presentato, in questo progetto di fattibilità tecnico economica, con l'intenzione di soddisfare le esigenze della Stazione Appaltante e della Direzione Didattica.

Le attività tecniche e realizzative proposte mirano a conseguire una serie di importanti obiettivi. Tra questi, l'ottimizzazione dell'uso dell'energia e il potenziamento della resistenza sismica della struttura rappresentano priorità fondamentali. Parallelamente, si punta a migliorare sia la fruibilità degli spazi comuni che la loro funzionalità, allo scopo di ottimizzare le funzioni educative del Pertini e destinare gli ambienti dell'Omero a iniziative aperte alla collettività.

Il progetto prevede diversi interventi puntuali che concorrono al raggiungimento di questi obiettivi:

- Implementazione di un sistema per l'efficientamento energetico dell'intero edificio attraverso l'adozione di un cappotto termico esterno su entrambe le strutture.
- Interventi mirati agli impianti volti a migliorare l'efficienza energetica complessiva.
- Installazione di controsoffitti antisfondellamento per garantire un migliore livello di sicurezza sismica.
- Adeguamenti normativi secondo le direttive dei Vigili del Fuoco.
- Rimozione delle barriere architettoniche per migliorare l'accessibilità.
- Restyling e riqualificazione degli spazi esterni.
- Costruzione di una nuova Aula Magna e di un collegamento fisico tra i due edifici.
- Sostituzione dei serramenti esterni con profili a taglio termico per migliorare l'isolamento termico.
- Adattamento degli interni delle aule e dei laboratori al progetto Indire 4.0.
- Rinnovo e miglioramento dei servizi igienici in entrambe le strutture.
- Creazione di spazi polifunzionali all'interno dell'edificio Omero.

Questi interventi, se attuati con successo, non solo contribuiranno a migliorare l'efficienza energetica e la sicurezza strutturale, ma permetteranno anche di ottimizzare l'utilizzo degli spazi e rendere entrambi gli edifici più accoglienti e funzionali per la comunità che li frequenta e li utilizza.



2 // NORMATIVA DI RIFERIMENTO

I carichi considerati per il calcolo sono conformi alle normative vigenti, ricordando che secondo le Norme Tecniche sulle Costruzioni le azioni sismiche di progetto, in base alle quali valutare il rispetto dei diversi stati limite considerati, si definiscono a partire dalla “pericolosità sismica di base” del sito di costruzione noti i valori dell’accelerazione orizzontale massima del terreno, del valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale e del periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale forniti per ciascun nodo del reticolo di riferimento in cui è stato suddiviso il territorio nazionale, per l’intervallo di riferimento.

Le valutazioni che seguono sono state condotte con riferimento alla normativa tecnica vigente, di seguito richiamata.

- **Decreto ministeriale 17 gennaio 2018:** “Aggiornamento delle norme tecniche per le costruzioni”;
- **Circolare esplicativa 21/01/2019 n. 7 CSLPP:** “Istruzioni per l’applicazione dell’”Aggiornamento delle norme tecniche per le costruzioni” di cui al DM 17/01/2018
- **Legge 5 novembre 1971, n° 1086:** “Norme tecniche per la disciplina delle opere di conglomerato cementizio armato, normale e precompresso ed a struttura metallica” e successivi decreti applicativi;
- **Legge 5 novembre 1974, n. 64:** “Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche”;

PERIODO DI RIFERIMENTO E DEFINIZIONE DEGLI STATI LIMITE

Per la valutazione della sicurezza strutturale occorre preliminarmente determinare la vita nominale, la classe d’uso e il relativo periodo di riferimento.

La vita nominale di un’opera strutturale VN è intesa come il numero di anni nel quale la struttura, purché soggetta alla manutenzione straordinaria, deve poter essere usata per lo scopo al quale è destinata.

Per le opere progettate si è assunto una vita nominale VN pari a 50 anni (costruzioni con livelli di prestazioni ordinari); per quanto riguarda la classe d’uso, si è assunto che la struttura sia in classe IV (costruzioni con funzioni pubbliche o strategiche importanti, anche con riferimento alla gestione della protezione civile in caso di calamità), per la quale si ha un coefficiente d’uso $C_u = 2$.

Il periodo di riferimento per le azioni ambientali risulta quindi:

$$V_R = V_N \cdot C_u = 100 \text{ anni}$$



3 // MATERIALI

CARATTERISTICHE DEI MATERIALI ESISTENTI – DA PROGETTO ORIGINALE SCUOLA Omero

CALCESTRUZZO

Resistenza caratteristica a compressione

$$R_{ck} = 20 \text{ N/mm}^2$$

$$f_{ck} = 16.6 \text{ N/mm}^2$$

ACCIAIO DA ARMATURA Fe B 44k:

Tensione di snervamento caratteristica

$$f_{yk} = 440 \text{ N/mm}^2$$

Tensione di rottura caratteristica

$$f_{tk} = 510 \text{ N/mm}^2$$

Al fine di ottenere una adeguata conoscenza delle strutture esistenti, si propone l'esecuzione delle seguenti prove sui materiali ed indagini/rilievi sulle strutture esistenti:

PIANO DI INDAGINI STRUTTURALI: LIVELLO DI CONOSCENZA PREVISTO: LC2

La quantità e la tipologia di indagini e prove da prevedere sono indicate nella circolare applicativa delle NTC2018 al cap. 8 – Edifici esistenti:

Tabella C8.5.IV – Livelli di conoscenza in funzione dell'informazione disponibile e conseguenti metodi di analisi ammessi e valori dei fattori di confidenza, per edifici in calcestruzzo armato o in acciaio

Livello di conoscenza	Geometrie (carpenterie)	Dettagli strutturali	Proprietà dei materiali	Metodi di analisi	FC (*)
LC1		Progetto simulato in accordo alle norme dell'epoca e <i>indagini limitate</i> in situ	Valori usuali per la pratica costruttiva dell'epoca e <i>prove limitate</i> in situ	Analisi lineare statica o dinamica	1,35
LC2	Da disegni di carpenteria originali con rilievo visivo a campione; in alternativa rilievo completo ex-novo	Elaborati progettuali incompleti con <i>indagini limitate</i> in situ; in alternativa <i>indagini estese</i> in situ	Dalle specifiche originali di progetto o dai certificati di prova originali, con <i>prove limitate</i> in situ; in alternativa da <i>prove estese</i> in situ	Tutti	1,20
LC3		Elaborati progettuali completi con <i>indagini limitate</i> in situ; in alternativa <i>indagini esaustive</i> in situ	Dai certificati di prova originali o dalle specifiche originali di progetto, con <i>prove estese</i> in situ; in alternativa da <i>prove esaustive</i> in situ	Tutti	1,00

Per l'edificio della Scuola Omero:

Tabella C8.5.V – Definizione orientativa dei livelli di rilievo e prova per edifici di c.a.

Livello di Indagini e Prove	Rilievo (dei dettagli costruttivi) ^(a)	Prove (sui materiali) ^{(b)(c)(d)}
	Per ogni elemento "primario" (trave, pilastro)	
limitato	La quantità e disposizione dell'armatura è verificata per almeno il 15% degli elementi	1 provino di cls. per 300 m ² di piano dell'edificio, 1 campione di armatura per piano dell'edificio
esteso	La quantità e disposizione dell'armatura è verificata per almeno il 35% degli elementi	2 provini di cls. per 300 m ² di piano dell'edificio, 2 campioni di armatura per piano dell'edificio
esaustivo	La quantità e disposizione dell'armatura è verificata per almeno il 50% degli elementi	3 provini di cls. per 300 m ² di piano dell'edificio, 3 campioni di armatura per piano dell'edificio

Rilievi:

30 pilastri x piano x 2 piani = 60 pilastri → rilievo armature da prevedere per 15% = 9 pilastri

27 travi x piano x 2 piani = 54 travi → rilievo armature da prevedere per 15% = 8 travi

Prove sui materiali:

Provini di cls: 1 provino/300mq/piano = 1 x 3 x 2 = 6 carotaggi di cls

Barre di armatura: 1 x piano = 2 barre di armatura

Per l'edificio della scuola Pertini:

mancando i disegni delle strutture esistenti occorre fare rilievo geometrico completo

Tabella C8.5.V – Definizione orientativa dei livelli di rilievo e prova per edifici di c.a.

Livello di Indagini e Prove	Rilievo (dei dettagli costruttivi) ^(a)	Prove (sui materiali) ^{(b)(c)(d)}
	Per ogni elemento "primario" (trave, pilastro)	
limitato	La quantità e disposizione dell'armatura è verificata per almeno il 15% degli elementi	1 provino di cls. per 300 m ² di piano dell'edificio, 1 campione di armatura per piano dell'edificio
esteso	La quantità e disposizione dell'armatura è verificata per almeno il 35% degli elementi	2 provini di cls. per 300 m ² di piano dell'edificio, 2 campioni di armatura per piano dell'edificio
esaustivo	La quantità e disposizione dell'armatura è verificata per almeno il 50% degli elementi	3 provini di cls. per 300 m ² di piano dell'edificio, 3 campioni di armatura per piano dell'edificio

Rilievi:

60 pilastri x piano x 4 piani = 240 pilastri → rilievo armature da prevedere per 35% = 84 pilastri

62 travi x piano x 4 piani = 248 travi → rilievo armature da prevedere per 35% = 87 travi

Prove sui materiali:

Provini di cls: 2 provino/300mq/piano = 2 x 3 x 4 = 24 carotaggi di cls

Barre di armatura: 2 x piano = 8 barre di armatura

Stima dei costi per indagini strutturali:

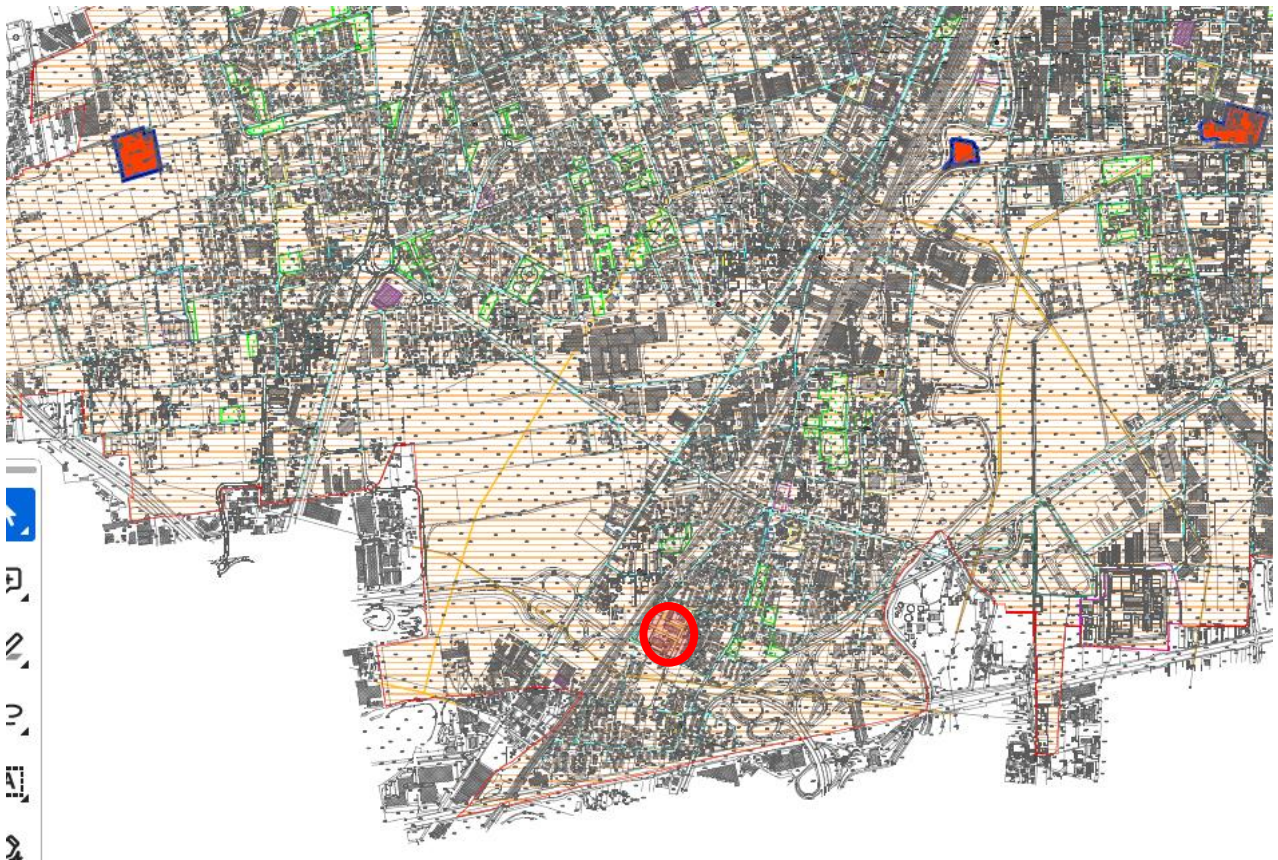
	Prezzo unitario	unità di misura	OMERO		PERTINI		Totale	
			Quantità	Costo totale	Quantità	Costo totale	Quantità	Costo totale
Prelievo carote cls, prove di compressione e ripristini strutturali	150,00 €	cad	6	900,00 €	84	12.600,00 €	90	13.500,00 €
Prelievo barre di armatura, prove di trazione e ripristini strutturali	100,00 €	cad	2	200,00 €	87	8.700,00 €	89	8.900,00 €
Assistenze murarie per indagini e sondaggi:	500,00 €	cad	8	4.000,00 €	32	16.000,00 €	40	20.000,00 €
Assistenza di operai, nolo attrezzature, pulizie, trasferte	500,00 €	giorno	3	1.500,00 €		20,00 €	3	1.520,00 €
Totale:				6.600,00 €		37.320,00 €		43.920,00 €





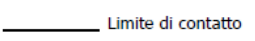
Esclusi i ripristini architettonici (intonaco e rivestimenti/tinteggiature)

GEOLOGIA

Per gli aspetti inerenti la geologia dell'area di intervento, si è fatto riferimento alle informazioni riportate nel PRGC.

Individuazione dell'area di intervento sulla Tavola 6c – componente geologica, idrogeologica e sismica:

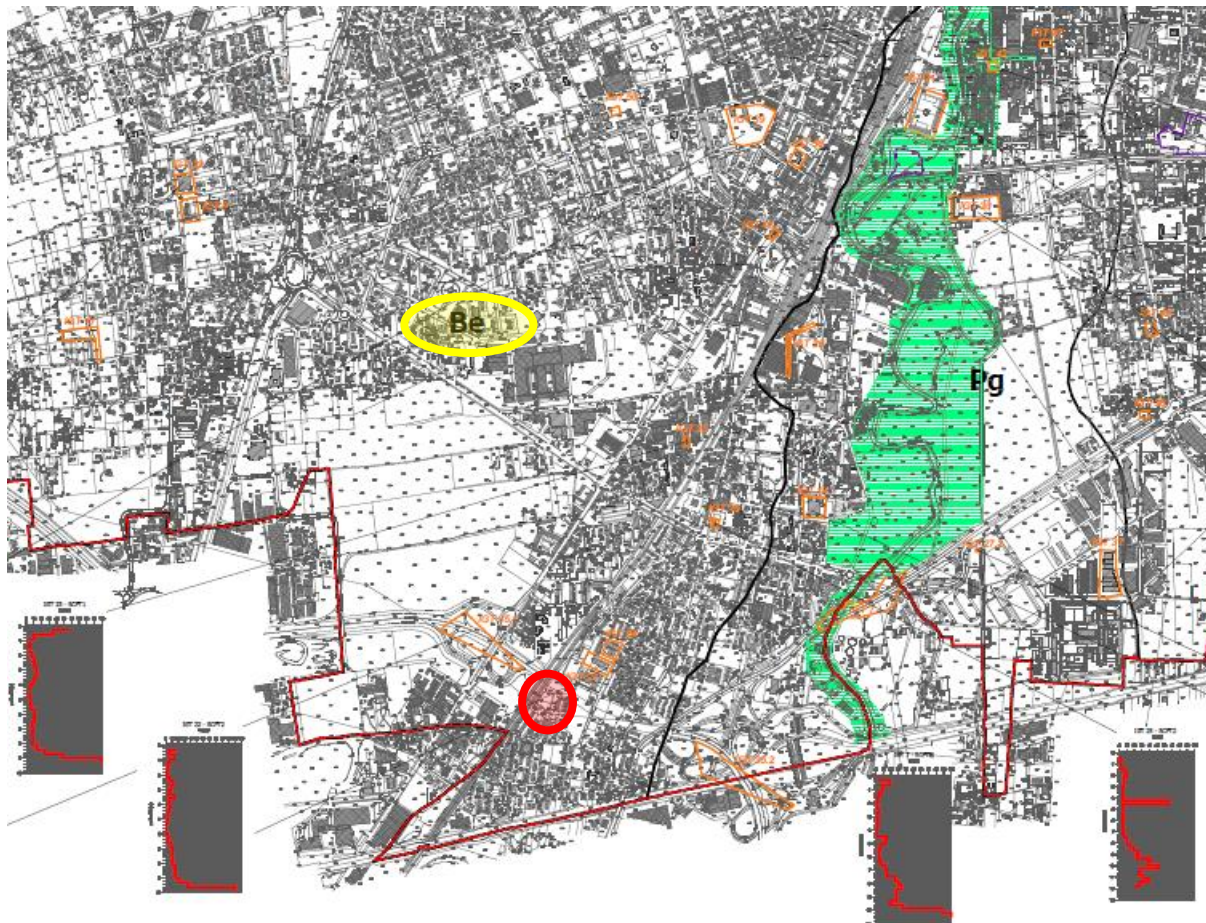


SIGLA	SCENARIO DI PERICOLOSITA' SISMICA LOCALE	POSSIBILI EFFETTI INDOTTI	CLASSE DI PERICOLOSITA' SISMICA
Z2a 	Zone con possibile presenza di terreni di fondazione particolarmente scadenti - Ambiti estrattivi dismessi	Fenomeni di addensamento disomogenei con conseguenti cedimenti differenziali	H2
Z2b 	Zone con possibile presenza di terreni di fondazione particolarmente scadenti - terreni granulari fini con falda superficiale	Fenomeni di liquefazione e/o cedimenti	H2
Z3a 	Zona di ciglio H > 10 m e pendio sottostante Ciglio di scarpata	Amplificazioni topografiche	H2
Z4a 	Zone di fondovalle e di pianura con presenza di depositi alluvionali e/o fluvio-glaciali granulari e/o coesivi	Amplificazioni litologiche e geometriche	H2
Z5 	Zona di contatto stratigrafico tra litotipi con caratteristiche fisico-meccaniche difformi Limite di contatto	Cedimenti differenziali e distorsioni angolari	H2

Area di influenza del fattore di amplificazione sismica F_a per lo scenario Z3aArea di influenza del fattore di amplificazione sismica F_a per lo scenario Z5

Limite comunale

Individuazione dell'area di intervento sulla Tavola 5c – componente geologica, idrogeologica e sismica:



AREA	CARATTERI MORFOLOGICI	CARATTERI LITOLOGICI	CARATTERI PEDOLOGICI
Pg	Ambito fluviale del Fiume Lambro con superfici morfologicamente controllate dalla dinamica fluviale attuale e recente. Si distinguono tre zone con caratteristiche diverse: settore N con dislivelli sino a decametrici all'interno del Parco di Monza, sponda destra con scarpata avente dislivello sino a 5-6 m e sponda sinistra con rottura di pendio difficilmente individuabile a causa della forte urbanizzazione	Depositi fluviali costituiti prevalentemente da sabbie ghiaiose e sabbie limose ghiaiose passanti verso il basso a ghiaie e da alternanze di ghiaie e sedimenti sabbiosi limosi con quantità variabili di ghiaie. Nel settore Nord e nelle aree più prossime al fiume sono presenti depositi fini limosi e sabbiosi limosi privi di clasti.	U.C. 63 - FGA1: suoli profondi su ghiaie sabbiose con limo; scheletro comune in superficie, frequente in profondità; tessitura media in superficie, moderatamente grossolana da 80-100 cm; drenaggio buono.
Be	Ambito della piana principale caratterizzato da superfici stabili legate a dinamiche fluvio-glaciali/fluviali. Ambito dei terrazzi vallivi caratterizzati da superfici marginali alla valle del Fiume Lambro e altimetricamente rilevate rispetto alle superfici della piana principale.	Depositi fluvio-glaciali/fluviali costituiti prevalentemente da sabbie limose e/o sabbie ghiaiose e da ghiaie a supporto clastico in matrice sabbiosa o sabbiosa limosa, da massive a grossolanamente stratificate.	U.C. 36 - MOO1: suoli molto profondi su substrato ghiaioso ciottoloso calcareo; scheletro frequente in superficie, abbondante in profondità; tessitura media, moderatamente grossolana in profondità; drenaggio buono. U.C. 37 - TCC1: suoli poco profondi su sabbie e ghiaie calcaree; scheletro comune o frequente in superficie, abbondante da 30-50 cm di profondità; tessitura media o moderatamente grossolana; drenaggio buono. U.C. 41 - SAM1: suoli profondi su substrato ghiaioso ciottoloso; scheletro comune in superficie, frequente o abbondante in profondità; tessitura moderatamente grossolana; drenaggio buono.

AREA	ASSETTO GEOLOGICO-TECNICO	DRENAGGIO DELLE ACQUE
Pg	UNITA' A: da 0 a 6-7 m, terreni coesivi/granulari da sciolti a mediamente addensati con scadenti/discrete caratteristiche geotecniche. UNITA' B: terreni granulari sciolti da mediamente addensati ad addensati con buone caratteristiche geotecniche.	Discreto sia in superficie che in profondità
Be	UNITA' A: da 0 a 7-8 m, terreni sciolti granulari/coesivi con scadenti/discrete caratteristiche geotecniche. UNITA' B: terreni granulari da mediamente addensati ad addensati con discrete/buone caratteristiche geotecniche. UNITA' C: terreni granulari da mediamente addensati ad addensati con buone caratteristiche geotecniche.	Discreto sia in superficie che in profondità

Determinazione della categoria di sottosuolo

Per quanto riguarda la determinazione della categoria di sottosuolo il D.M. 17.01.2018 prevede una classificazione in cinque categorie principali riportate nella tabella 3.2.11 (fig. 12) definite in base ai valori della velocità equivalente $V_{s,eq}$ corrispondente alla velocità media di propagazione delle onde sismiche di taglio fino alla profondità del substrato sismico, definito come quella formazione caratterizzata da V_s non inferiore a 800 m/s. Per depositi con profondità di tale substrato superiore a 30m la velocità equivalente $V_{s,eq}$ è definita dal parametro $V_{s,30}$, considerando le proprietà degli strati di terreno fino alla profondità di 30m. L'espressione per la determinazione della velocità equivalente $V_{s,eq}$ è la seguente:

$$V_{s,eq} = \frac{H}{\sum \frac{h_i}{V_i}}$$

h_i = Spessore in metri dello strato i-esimo
 V_i = Velocità dell'onda di taglio i-esima
 N = Numero di strati
 H = Profondità del substrato sismico con $V_s > 800 \text{ m/s}$

Per il sito in esame la categoria di sottosuolo è stata determinata tramite i dati ottenuti dallo stendimento sismico con metodologia M.A.S.W. eseguito in corrispondenza dell'area di indagine. Dall'elaborazione di tali dati il terreno presenta per la linea eseguita, valori delle $V_{s,eq}$ corrispondenti alle $V_{s,30}$ pari a 303 m/s, riferiti all'attuale piano campagna; il terreno è pertanto classificabile in categoria C "Depositi di terreni a grana grossa mediamente addensati o terreni a grana fina mediamente consistenti, con profondità del substrato superiori a 30 m, caratterizzati da un miglioramento delle proprietà meccaniche con la profondità e da valori di velocità equivalente compresi tra 180 m/s e 360 m/s".



Categoria	Caratteristiche della superficie topografica
A	<i>Ammassi rocciosi affioranti o terreni molto rigidi caratterizzati da valori di velocità delle onde di taglio superiori a 800 m/s, eventualmente comprendenti in superficie terreni di caratteristiche meccaniche più scadenti con spessore massimo pari a 3 m.</i>
B	<i>Rocce tenere e depositi di terreni a grana grossa molto addensati o terreni a grana fina molto consistenti, caratterizzati da un miglioramento delle proprietà meccaniche con la profondità e da valori di velocità equivalente compresi tra 360 m/s e 800 m/s.</i>
C	<i>Depositi di terreni a grana grossa mediamente addensati o terreni a grana fina mediamente consistenti con profondità del substrato superiori a 30 m, caratterizzati da un miglioramento delle proprietà meccaniche con la profondità e da valori di velocità equivalente compresi tra 180 m/s e 360 m/s.</i>
D	<i>Depositi di terreni a grana grossa scarsamente addensati o di terreni a grana fina scarsamente consistenti, con profondità del substrato superiori a 30 m, caratterizzati da un miglioramento delle proprietà meccaniche con la profondità e da valori di velocità equivalente compresi tra 100 e 180 m/s.</i>
E	<i>Terreni con caratteristiche e valori di velocità equivalente riconducibili a quelle definite per le categorie C o D, con profondità del substrato non superiore a 30 m.</i>

n riferimento alle categorie topografiche riportate nella tabella 3.2.III del D.M. il sito può essere classificato nella categoria T1.

Categoria	Caratteristiche della superficie topografica
T1	Superficie pianeggiante, pendii e rilievi isolati con inclinazione media $i \leq 15^\circ$
T2	Pendii con inclinazione media $i > 15^\circ$
T3	Rilievi con larghezza in cresta molto minore che alla base e inclinazione media $15^\circ \leq i \leq 30^\circ$
T4	Rilievi con larghezza in cresta molto minore che alla base e inclinazione media $i > 30^\circ$

3.1.1.1 Strutture e/o sismica

La classificazione sismica del territorio nazionale ha introdotto normative tecniche specifiche per le costruzioni di edifici, ponti ed altre opere in aree geografiche caratterizzate dal medesimo rischio sismico. I criteri per l'aggiornamento della mappa di pericolosità sismica sono stati definiti nell'Ordinanza del PCM n. 3519/2006, che ha suddiviso l'intero territorio nazionale in quattro zone sismiche sulla base del valore dell'accelerazione orizzontale massima (ag) su suolo rigido o pianeggiante, che ha una probabilità del 10% di essere superata in 50 anni.

Per il territorio lombardo la classificazione sismica è stata fatta in base alla Delibera regionale 2129 dell'11 luglio 2014: il Comune di **Monza** risulta essere in zona sismica 4, considerata come la zona meno pericolosa dove i terremoti sono rari.



GEOTECNICA

La definizione dei parametri geotecnici è desunta dalle indicazioni riportate nel PRGC per l'area Be:

Area Be

UNITÀ A: sabbie limose

Resistenza alla penetrazione standard media	$N_{SPT} = 4 \div 8$	colpi/30 cm
Peso di volume naturale	$\gamma_n = 18$	kN/m ³
Stato di addensamento	= sciolto	
Densità relativa	$D_r = 0.17 \div 0.41$	
Angolo d'attrito efficace	$\varphi' = 28 \div 31$	°
Coesione efficace	$c' = 0$	kPa
Velocità di propagazione delle onde di taglio	$V_s = 124 \div 167$	m/s
Modulo di elasticità drenato	$E' = 8 \div 14$	MPa
Spessore (medio)	= $7 \div 8$	m

UNITÀ B: sabbie e ghiaie localmente debolmente limose

Resistenza alla penetrazione standard media	$N_{SPT} = 18 \div 35$	colpi/30 cm
Peso di volume naturale	$\gamma_n = 19 \div 20$	kN/m ³
Stato di addensamento	= da mediamente addensato ad addensato	
Densità relativa	$D_r = 0.56 \div 0.81$	
Angolo d'attrito efficace	$\varphi' = 33 \div 36$	°
Coesione efficace	$c' = 0$	kPa
Velocità di propagazione delle onde di taglio	$V_s = 208 \div 241$	m/s
Modulo di elasticità drenato	$E' = 22 \div 31$	MPa
Spessore (medio)	= n.d.	

UNITÀ C: ghiaie sabbioso limose

Resistenza alla penetrazione standard media	$N_{SPT} = 20 \div 58$	colpi/30 cm
Peso di volume naturale	$\gamma_n = 19 \div 20$	kN/m ³
Stato di addensamento	= da mediamente addensato ad addensato	
Densità relativa	$D_r = 0.51 \div 0.85$	
Angolo d'attrito efficace	$\varphi' = 32 \div 36$	°
Coesione efficace	$c' = 0$	kPa
Velocità di propagazione delle onde di taglio	$V_s = 227 \div 298$	m/s
Modulo di elasticità drenato	$E' = 26 \div 50$	MPa
Spessore (medio)	= n.d.	

4 // ANALISI DEI CARICHI

Dai documenti relativi al progetto delle strutture della scuola Omero si desume:

Carichi permanenti strutturali:

	25.00 kN/m ³
Solaio a lastre predalles (5+21+4=30 cm)	4.00 kN/m ²

Carichi permanenti non strutturali:

Massetto, pavimentazione ed impianti	2.00 kN/m ²
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Carichi variabili:

Sovraccarico utile:	3.50 kN/m ²
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Carico della neve:

Calcolata secondo le norme tecniche vigenti:

La determinazione del carico della neve agente è stata effettuata in riferimento D.M. 17/01/2018 par. 3.4. "Azione della neve". Secondo tale norma il carico della neve è dato dall'espressione:

$$q_s = q_{sk} \times \mu_i \times C_e \times C_t$$

dove:

- q_s è il carico della neve;
- q_{sk} è il valore di riferimento del carico neve al suolo;
- μ_i è il coefficiente di forma della copertura (0.80);
- C_e è il coefficiente di esposizione (1);
- C_t è il coefficiente termico (1);

Considerando la posizione del sito, i valori di carico della neve ottenuti sono i seguenti:

$$q_s = 1.50 \times 0.8 \times 1 \times 1 = 1.20 \text{ kN/m}^2$$

Azione del vento:

Calcolata secondo le norme tecniche vigenti:

La determinazione del carico del vento agente è stata effettuata in riferimento al D.M. 17/01/2018 par. 3.3. "Azione del vento". Secondo tale norma il carico del vento è dato dall'espressione:

$$p = q_r \times C_e \times C_p \times C_d$$

dove:

p è la pressione del vento;

q_r è la pressione cinetica di riferimento;

C_e è il coefficiente di esposizione;

C_p è il coefficiente di pressione;

C_d è il coefficiente dinamico.

Considerando la posizione del sito, assumendo una classe di rugosità B, considerando il coefficiente dinamico unitario, i massimi (per quota e parete più sfavorevole) valori di pressione del vento ottenuti rispettivamente per sopravento e sottovento sono i seguenti:

SOPRAVENTO: $p = 0,391 \times 1,64 \times 0,8 \times 1 = +0,51 \text{ kN/m}^2$

SOTTOVENTO: $p = 0,391 \times 1,64 \times -0,4 \times 1 = -0,26 \text{ kN/m}^2$

Tali pressioni sono ripartite sugli elementi strutturali mediante gli elementi di facciata.

Azione sismica:

Le verifiche strutturali in condizioni sismiche sono state condotte con riferimento agli Stati Limite di di Salvaguardia della Vita (SLV) per quanto riguarda le verifiche geotecniche e di resistenza delle strutture, e con riferimento agli Stati Limite di Danno (SLD) e con agli Stati Limite di Operatività (SLO) per quanto riguarda le verifiche di rigidezza.

L'azione sismica viene valutata utilizzando come spettro di risposta della struttura quello previsto dal D.M. 17/01/18 Norme tecniche sulle costruzioni. In termini di accelerazione l'espressione risulta:

$$\begin{aligned}
 S_u(T) &= a_g \cdot S \frac{F_o}{q} \left[\frac{T}{T_B} + \frac{q}{F_o} \left(1 - \frac{T}{T_B} \right) \right] & \omega < \omega_B \\
 S_u(T) &= a_g \cdot \frac{S F_o}{q} & T_B < T < T_C \\
 S_u(T) &= a_g \cdot \frac{S F_o}{q} \left(\frac{T_C}{T} \right) & T_C < T < T_D \\
 S_u(T) &= a_g \cdot \frac{S F_o}{q} \left(\frac{T_C T_D}{T^2} \right) = \omega_g & T > T_D
 \end{aligned}$$

Lo spettro può essere definito numericamente una volta noti i parametri:

a_g = accelerazione orizzontale massima al sito

F_o = valore massimo del fattore di amplificazione dello spettro in accelerazione orizzontale;

T_C^* = periodo di inizio del tratto a velocità costante dello spettro in accelerazione orizzontale

Questi dati sono ricavabili, per il reticolo geografico di riferimento, dai dati di pericolosità sismica disponibili e una volta definita la vita di riferimento V_R della costruzione e la probabilità di superamento nella vita di riferimento P_{VR} associata a ciascuno degli stati limite considerati da cui dipende il periodo di ritorno dell'azione sismica T_R , espresso in anni.

La struttura di cui trattasi è classificabile nella **Classe IV** (costruzioni strategiche) del punto 2.4.2 delle NTC mentre si può assumere che la vita nominale V_N debba essere ≥ 50 anni (tabella 2.4.I) ne consegue che il periodo di riferimento per l'azione sismica sia $VR = VN \cdot CU = 100$ anni avendo assunto il coefficiente d'uso CU pari a 2 dalla tabella 2.4.II.

Definiti questi aspetti e note le coordinate del sito su cui erge la costruzione, si possono definire i valori di riferimento dello spettro di risposta:

Le coordinate della costruzione, sita nel Comune di **Monza** sono:

Longitudine: 9,259920

Latitudine: 45.559232

Valori dei parametri a_g , F_o , T_C^* per i periodi di ritorno T_R associati a ciascuno SL

SLATO LIMITE	T_R [anni]	a_g [g]	F_o [-]	T_C^* [s]
SLO	60	0.027	2.549	0.200
SLD	101	0.033	2.569	0.221
SLV	949	0.065	2.656	0.296
SLC	1950	0.080	2.706	0.308

Gli altri parametri necessari per la definizione della accelerazione massima attesa al sito sono:

S = fattore che tiene conto del profilo stratigrafico del terreno di fondazione e delle condizioni topografiche mediante la relazione:

$$S = S_s \cdot S_t$$

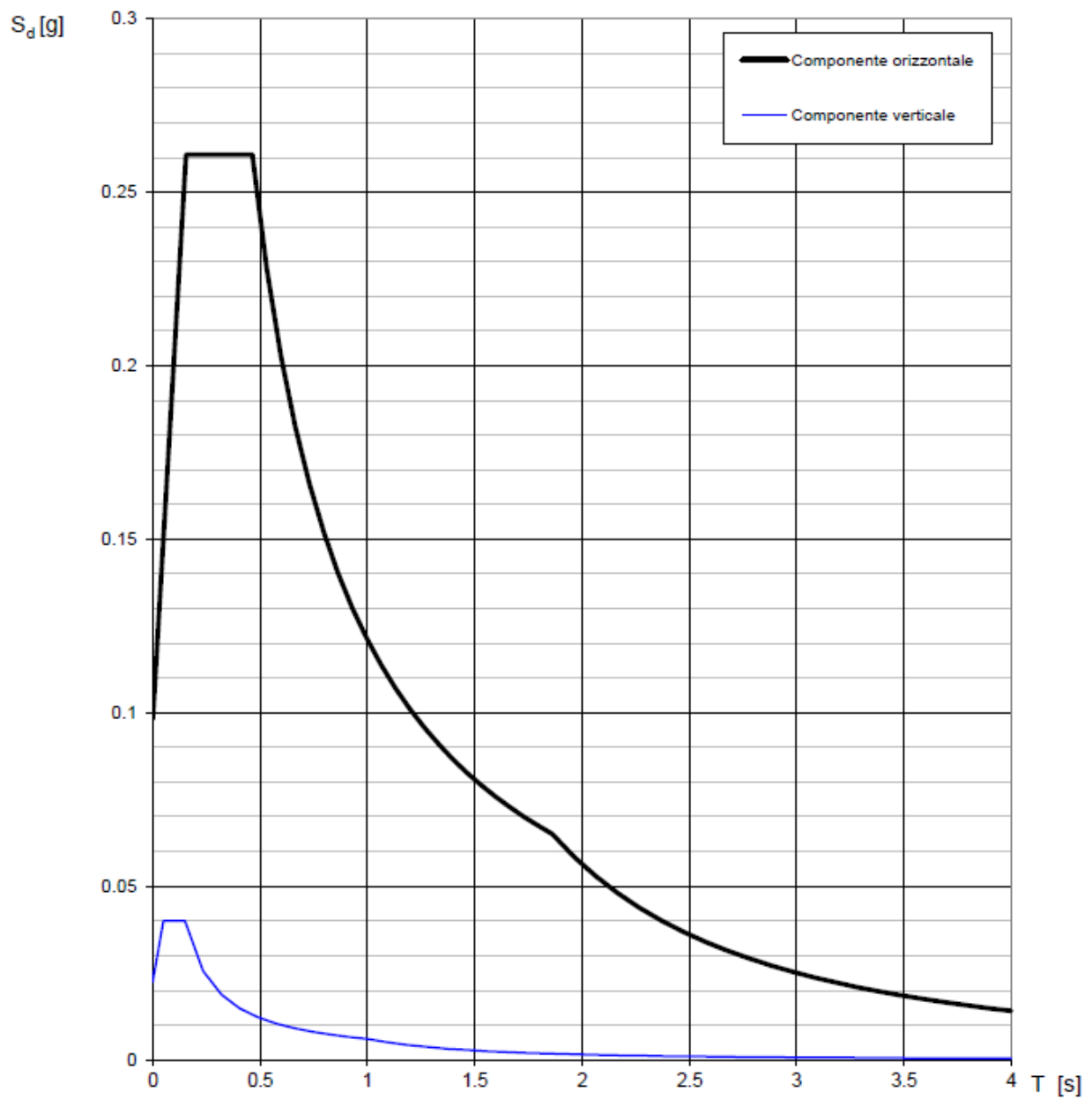
essendo S_s il coefficiente di amplificazione stratigrafica (Tab. 3.2.IV D.M.17/01/18) per **terreno di categoria C** assunto pari ad 1.500;

S_t il coefficiente di amplificazione topografica (Tab. 3.2.V D.M. 17/01/18) assunto pari ad 1.0 valido per categoria topografica T_1 .

Lo spettro di progetto utilizzato per la verifica delle strutture in c.a. prevede un **fattore di comportamento $q=1$** per SLV, e **$q=1$** per SLD, SLO

Si riportano di seguito gli spettri elastici relativi alla struttura in progetto.

Spettri di risposta (componenti orizz. e vert.) per lo stato limite: SLV



Parametri e punti dello spettro di risposta orizzontale per lo stato limite: SLV**Parametri indipendenti**

STATO LIMITE	SLV
a_g	0.065 g
F_o	2.656
T_C	0.296 s
S_S	1.500
C_C	1.569
S_T	1.000
q	1.000

Parametri dipendenti

S	1.500
η	1.000
T_B	0.155 s
T_C	0.464 s
T_D	1.862 s

Espressioni dei parametri dipendenti

$$S = S_S \cdot S_T \quad (\text{NTC-08 Eq. 3.2.5})$$

$$\eta = \sqrt{10/(5 + \xi)} \geq 0,55; \quad \eta = 1/q \quad (\text{NTC-08 Eq. 3.2.6; §. 3.2.3.5})$$

$$T_B = T_C / 3 \quad (\text{NTC-07 Eq. 3.2.8})$$

$$T_C = C_C \cdot T_C^* \quad (\text{NTC-07 Eq. 3.2.7})$$

$$T_D = 4,0 \cdot a_g / g + 1,6 \quad (\text{NTC-07 Eq. 3.2.9})$$

Espressioni dello spettro di risposta (NTC-08 Eq. 3.2.4)

$$0 \leq T < T_B \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left[\frac{T}{T_B} + \frac{1}{\eta \cdot F_o} \left(1 - \frac{T}{T_B} \right) \right]$$

$$T_B \leq T < T_C \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o$$

$$T_C \leq T < T_D \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left(\frac{T_C}{T} \right)$$

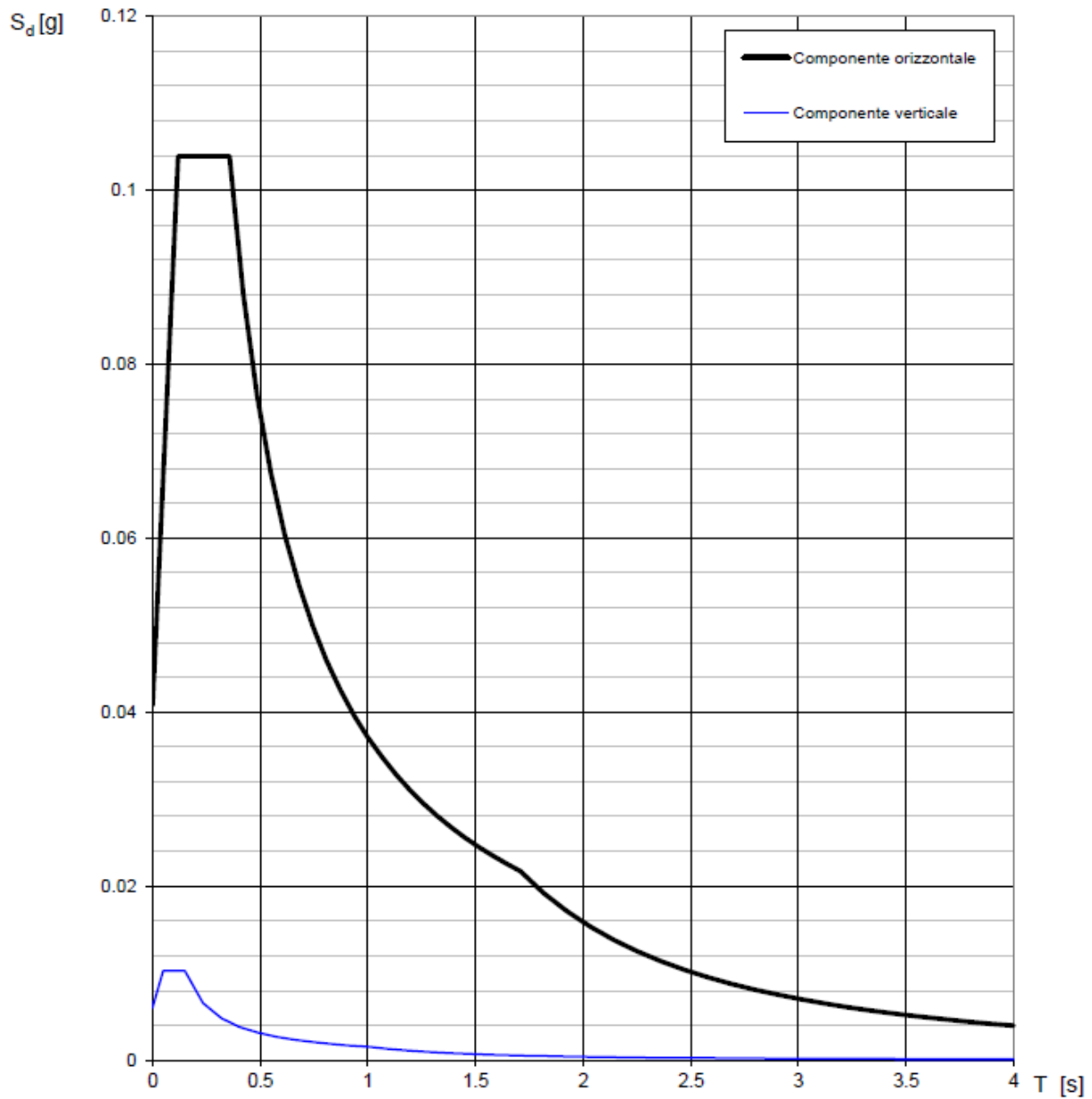
$$T_D \leq T \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left(\frac{T_C T_D}{T^2} \right)$$

Lo spettro di progetto $S_d(T)$ per le verifiche agli Stati Limite Ultimi è ottenuto dalle espressioni dello spettro elastico $S_e(T)$ sostituendo η con $1/q$, dove q è il fattore di struttura. (NTC-08 § 3.2.3.5)

Punti dello spettro di risposta

	T [s]	Se [g]
	0.000	0.098
$T_B \leftarrow$	0.155	0.261
$T_C \leftarrow$	0.464	0.261
	0.531	0.228
	0.597	0.203
	0.664	0.182
	0.731	0.166
	0.797	0.152
	0.864	0.140
	0.930	0.130
	0.997	0.122
	1.063	0.114
	1.130	0.107
	1.196	0.101
	1.263	0.096
	1.330	0.091
	1.396	0.087
	1.463	0.083
	1.529	0.079
	1.596	0.076
	1.662	0.073
	1.729	0.070
	1.795	0.067
$T_D \leftarrow$	1.862	0.065
	1.964	0.058
	2.066	0.053
	2.167	0.048
	2.269	0.044
	2.371	0.040
	2.473	0.037
	2.575	0.034
	2.676	0.031
	2.778	0.029
	2.880	0.027
	2.982	0.025
	3.084	0.024
	3.185	0.022
	3.287	0.021
	3.389	0.020
	3.491	0.019
	3.593	0.017
	3.695	0.017
	3.796	0.016
	3.898	0.015
	4.000	0.014

Spettri di risposta (componenti orizz. e vert.) per lo stato limite: SLO



Parametri e punti dello spettro di risposta orizzontale per lo stato limite: SLO**Parametri indipendenti**

STATO LIMITE	SLO
a_g	0.027 g
F_o	2.549
T_c	0.200 s
S_s	1.500
C_c	1.786
S_T	1.000
q	1.000

Parametri dipendenti

S	1.500
η	1.000
T_B	0.119 s
T_C	0.357 s
T_D	1.709 s

Espressioni dei parametri dipendenti

$$S = S_s \cdot S_T \quad (\text{NTC-08 Eq. 3.2.5})$$

$$\eta = \sqrt{10/(S + \xi)} \geq 0,55; \quad \eta = 1/q \quad (\text{NTC-08 Eq. 3.2.6; §. 3.2.3.5})$$

$$T_B = T_C / 3 \quad (\text{NTC-07 Eq. 3.2.8})$$

$$T_C = C_c \cdot T_c^* \quad (\text{NTC-07 Eq. 3.2.7})$$

$$T_D = 4,0 \cdot a_g / g + 1,6 \quad (\text{NTC-07 Eq. 3.2.9})$$

Espressioni dello spettro di risposta (NTC-08 Eq. 3.2.4)

$$0 \leq T < T_B \quad \left| \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left[\frac{T}{T_B} + \frac{1}{\eta \cdot F_o} \left(1 - \frac{T}{T_B} \right) \right] \right.$$

$$T_B \leq T < T_C \quad \left| \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \right.$$

$$T_C \leq T < T_D \quad \left| \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left(\frac{T_C}{T} \right) \right.$$

$$T_D \leq T \quad \left| \quad S_e(T) = a_g \cdot S \cdot \eta \cdot F_o \cdot \left(\frac{T_C T_D}{T^2} \right) \right.$$

Lo spettro di progetto $S_d(T)$ per le verifiche agli Stati Limite Ultimi è ottenuto dalle espressioni dello spettro elastico $S_e(T)$ sostituendo η con $1/q$, dove q è il fattore di struttura. (NTC-08 § 3.2.3.5)

Punti dello spettro di risposta

	T [s]	Se [g]
	0.000	0.041
$T_B \leftarrow$	0.119	0.104
$T_C \leftarrow$	0.357	0.104
	0.422	0.088
	0.486	0.076
	0.550	0.067
	0.615	0.060
	0.679	0.055
	0.743	0.050
	0.808	0.046
	0.872	0.043
	0.936	0.040
	1.001	0.037
	1.065	0.035
	1.130	0.033
	1.194	0.031
	1.258	0.030
	1.323	0.028
	1.387	0.027
	1.451	0.026
	1.516	0.024
	1.580	0.023
	1.644	0.023
$T_D \leftarrow$	1.709	0.022
	1.818	0.019
	1.927	0.017
	2.036	0.015
	2.145	0.014
	2.254	0.012
	2.363	0.011
	2.472	0.010
	2.582	0.010
	2.691	0.009
	2.800	0.008
	2.909	0.007
	3.018	0.007
	3.127	0.006
	3.236	0.006
	3.345	0.006
	3.454	0.005
	3.564	0.005
	3.673	0.005
	3.782	0.004
	3.891	0.004
	4.000	0.004



5 // DESCRIZIONE METODO DI ANALISI

Le verifiche strutturali delle opere in oggetto sono state eseguite utilizzando un modello di calcolo agli elementi finiti mediante il quale si valutano le sollecitazioni dovute alle azioni statiche e quelle generate dall'azione sismica che agiscono sui singoli elementi strutturali.

IPOTESI DI CARICO E MODELLO STRUTTURALE

Le condizioni di carico considerate ai fini della verifica degli elementi strutturali portanti sono quelle previste dalla Normativa Italiana vigente e cioè:

- pesi permanenti e peso proprio;
- sovraccarichi variabili;
- spinta del vento;
- carico neve;
- azioni sismiche.

I calcoli delle sollecitazioni sulle strutture sono stati svolti con l'ausilio di elaboratore elettronico utilizzando il codice di calcolo "SAP 2000", che permette di risolvere strutture spaziali conducendo analisi statiche lineari, non lineari o dinamiche lineari e non lineari. Le verifiche degli elementi strutturali sono state eseguite con il post – processore CMP e con calcoli manuali.

Analisi statica

L'analisi statica necessaria per la verifica dei vari elementi strutturali quali le travi della copertura viene condotta utilizzando il metodo semiprobabilistico agli stati limite, in particolare le varie azioni, allo stato limite ultimo, sono state combinate con la seguente espressione:

$$F_d = \gamma_{g1}G_1 + \gamma_{g2}G_2 + \gamma_q \left[Q_{k1} + \sum_{i=2}^{i=n} \psi_{oi} Q_{ki} \right]$$

Dove:

G_1 = il valore caratteristico dei pesi propri

G_2 = il valore caratteristico dei pesi permanenti portati

Q_{1k} = il valore caratteristico dell'azione di base di ogni combinazione



Q_{ki} = il valore caratteristico delle azioni variabili tra loro indipendenti

$\gamma_{g1} = 1.3$ (1.0 se il suo contributo aumenta la sicurezza)

$\gamma_{g2} = 1.5$ (0 se il suo contributo aumenta la sicurezza)

$\gamma_q = 1.5$ (0 se il suo contributo aumenta la sicurezza)

ψ_{oi} = coefficiente di combinazione allo slp pari a 0.70

Analisi sismica

La valutazione della sicurezza e la progettazione degli interventi sulla costruzione viene eseguita con riferimento agli SLU (in accordo con il punto 8.3 del D.M. 17/01/2018) ed in particolare allo SLV. La verifica viene effettuata considerando la seguente combinazione dell'azione sismica con le altre azioni:

$$E + G_1 + G_2 + P_K + \sum_i \psi_{2i} \cdot Q_{Ki}$$

dove:

E azione sismica per lo stato limite in esame;

G_1 peso proprio della struttura;

G_2 carichi permanenti portati al valore caratteristico;

P_K Valore caratteristico dell'azione di precompressione;

ψ_{2i} coefficiente di combinazione delle azioni variabili (tabella 2.5.I NTC);

Q_{ki} valore caratteristico delle azioni variabili.

Gli effetti dell'azione sismica sono stati valutati tenendo conto delle masse associate ai seguenti carichi gravitazionali:

$$G_1 + G_2 + \sum_i \psi_{2i} \cdot Q_{Ki}$$

dove G_1 e G_2 sono i pesi propri ed i carichi permanenti portati al loro valore caratteristico, Q_k le azioni variabili, rappresentate dal carico accidentale sulle scale e dall'azione della neve sulla copertura. Il coefficiente ψ_{2i} si ricava dalla tabella 2.5.I delle NTC. Per edifici suscettibili di affollamento il coefficiente ψ_{2i} da applicare alle azioni variabili agenti viene assunto pari a 0.6 mentre per le coperture con neve si assume un valore di ψ_{2i} pari a 0.

CODICE DI CALCOLO "SAP2000"

Origine e caratteristiche del codice di calcolo

Il codice di calcolo impiegato è il "SAP 2000 static and dynamic finite element analysis of structure" versione advanced release n. 24 sviluppato dalla Computer and Structure Inc con sede in University Avenue 1995, Berkeley, California, USA e distribuito dalla CSI Italia srl con sede in Galleria San Marco n. 4 a Pordenone.

Affidabilità del codice di calcolo utilizzato

I primi software della serie SAP per l'analisi di strutture con il metodo agli elementi finiti hanno fatto la loro comparsa sul finire degli anni cinquanta sviluppato da un gruppo dell'università di Berkeley specializzato nelle strutture di tipo civile e capeggiato dai professori Wilson e Bathe.

Il primo programma di analisi agli elementi finiti per uso civile utilizzabile su PC è stato SAP80, di ormai mitica memoria. Si trattava di un programma completamente riscritto dal prof. Edward Wilson in modo da far rientrare nelle limitatissime risorse dei PC di allora quello che precedentemente era un software pensato per computer "main frame". Di concerto con il sempre crescente sviluppo dell'hardware, SAP 80 si è a sua volta evoluto nelle versioni SAP90 ed oggi SAP2000.

Essendosi create le condizioni per l'utilizzo commerciale di questi programmi, è nata a questo scopo nei primi anni ottanta la CSI, una azienda privata di Berkeley, facente capo ai professori Wilson e Habibullah.

Il software viene fornito con tutta la documentazione richiesta dal capito 10 del D.M. 17/01/2018 "Norme tecniche sulle costruzioni"; in particolare viene fornito il manuale "SAP200 Analysis reference" contenente la descrizioni della teoria su cui si basano le diverse tipologie di analisi eseguibili (statica lineare e non lineare, dinamica lineare e non lineare, integrazione al passo, costruzioni per fasi successive, ecc..) e le formulazioni dei diversi elementi finiti implementati nel codice di calcolo (frame, cable, plate, membrane, shell, ishoparametric e solid). Con il software vengo anche forniti dei casi prova risolti con il codice di calcolo e con i metodi classici della scienza delle costruzioni confrontando l'errore tra le due diverse soluzioni.

Descrizione del codice di calcolo utilizzato

SAP2000 è un codice che permette di risolvere strutture spaziali con il metodo delle deformazioni.

In questa analisi si suppone che la struttura sia composta da elementi semplici compresi tra nodi. Ogni elemento può essere soggetto a spostamenti longitudinali, trasversali e rotazionali. A tali spostamenti corrispondono forze e momenti necessari per mantenere la struttura in tale condizione.

Tale metodo può essere applicato a strutture composte da ogni tipo di elemento e non è limitativo quanto a forma o particolari materiali. Non è necessario che le caratteristiche degli elementi restino costanti tra i nodi.

MODELLO STRUTTURALE

Per la verifica delle strutture in progetto sono stati valutati due modelli di calcolo: il primo, relativo alle sole strutture in elevazione, utilizzato per la verifica delle strutture in condizioni sismiche considerando la sovrastruttura incastrata alla base, ed il secondo con la modellazione completa delle strutture in progetto, comprensivo delle strutture interrato e delle fondazioni al piano terreno, per valutare il comportamento complessivo dell'edificio in condizioni statiche e sismiche, e valutare adeguatamente le interazioni struttura-terreno.

Per la modellazione delle strutture portanti sono stati utilizzati elementi monodimensionali BEAM per i pilastri e le travi.

Le fondazioni sono state schematizzate con un vincolo di incastro alla base dei pilastri, nel primo modello di calcolo, relativo alle sole strutture in elevazione, e come travi su suolo elastico nel modello di calcolo complessivo.

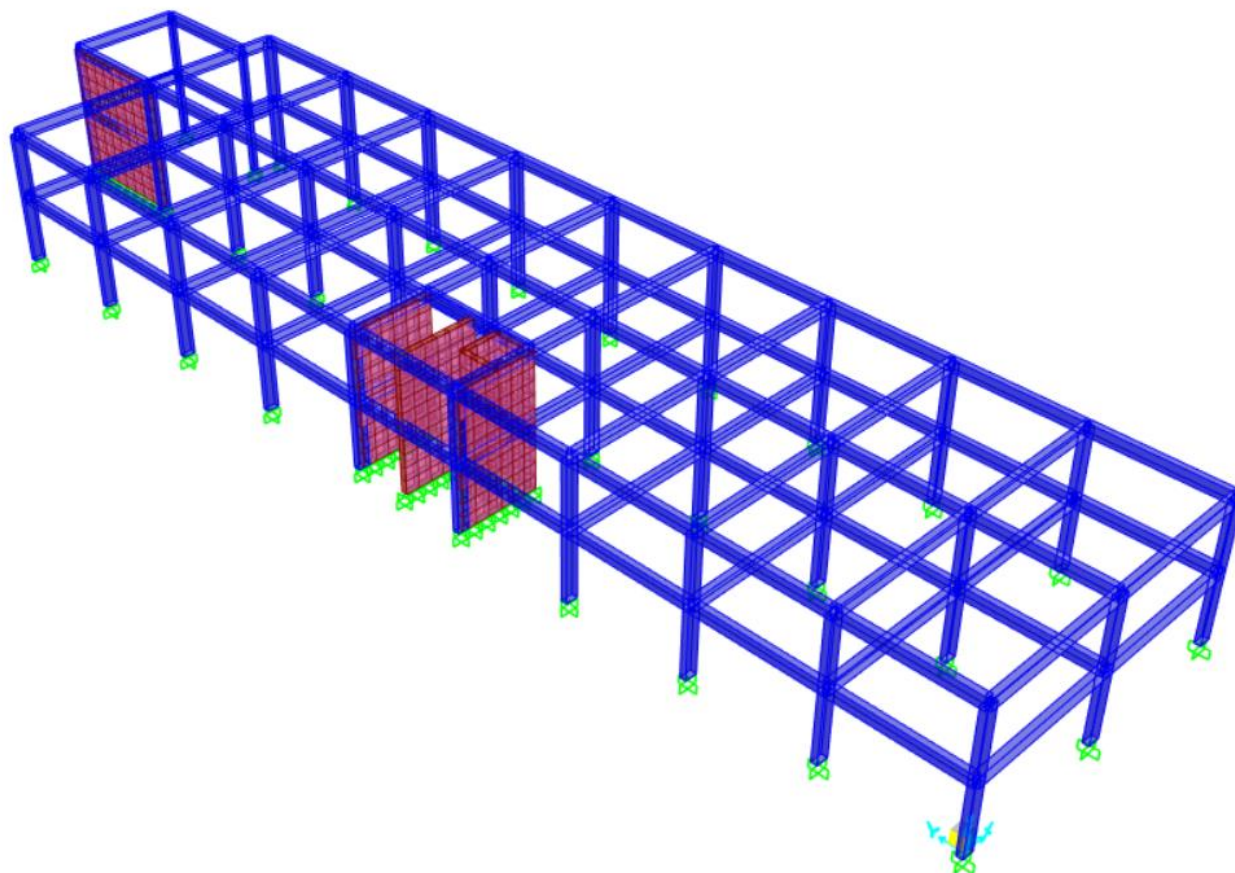
I solai sono stati assunti infinitamente rigidi e schematizzati con vincoli di diaframma.

Di seguito si riportano le ipotesi considerate:

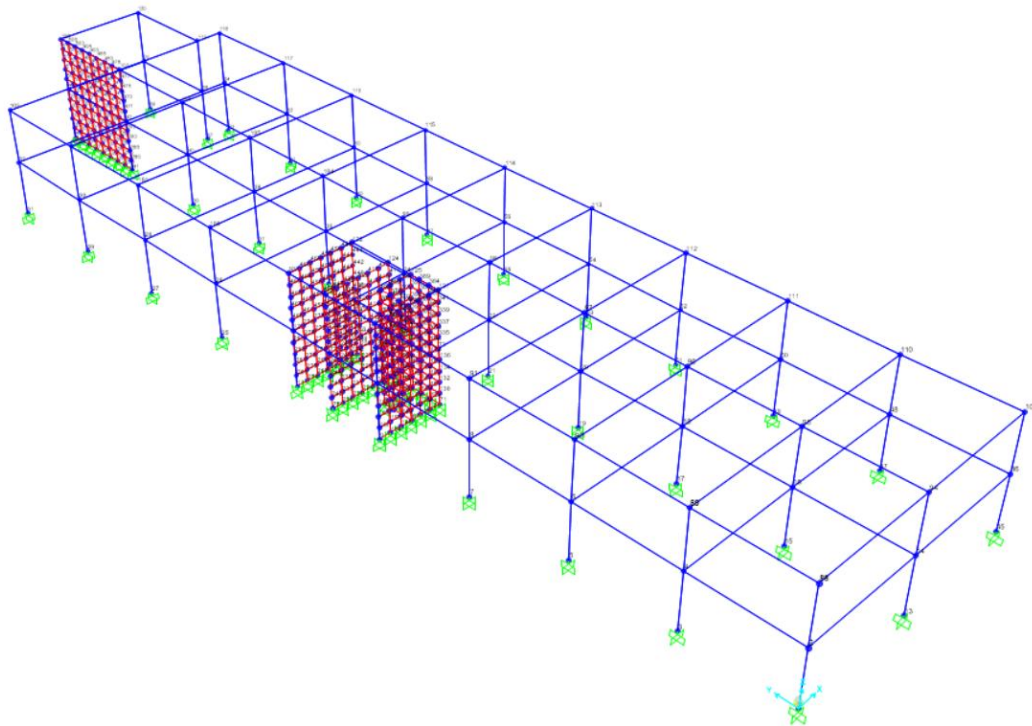
- Fondazioni: vincolo di incastro alla base in corrispondenza dei pilastri su travi rovesce schematizzate con elementi frame su suolo elastico;
- pilastri in c.a. schematizzati con elementi frame di differenti sezioni sulla base dei progetti strutturali;
- Travi in c.a. schematizzati con elementi frame di differenti sezioni.
- solaio a lastra prefabbricata: vincoli diaphragm assegnati alle differenti quote z della struttura. Gli elementi diaphragm permettono di avere degli spostamenti di piano uguali per tutti i nodi. Il peso proprio del solaio, nonché i carichi gravitazionali sono stati assegnati direttamente alle travi come carichi uniformemente distribuito.

Negli allegati sono riportati i dati di input ed output del programma SAP 2000, in cui sono specificate tutte le dimensioni degli elementi, i nodi, la numerazione degli elementi frame, ecc.

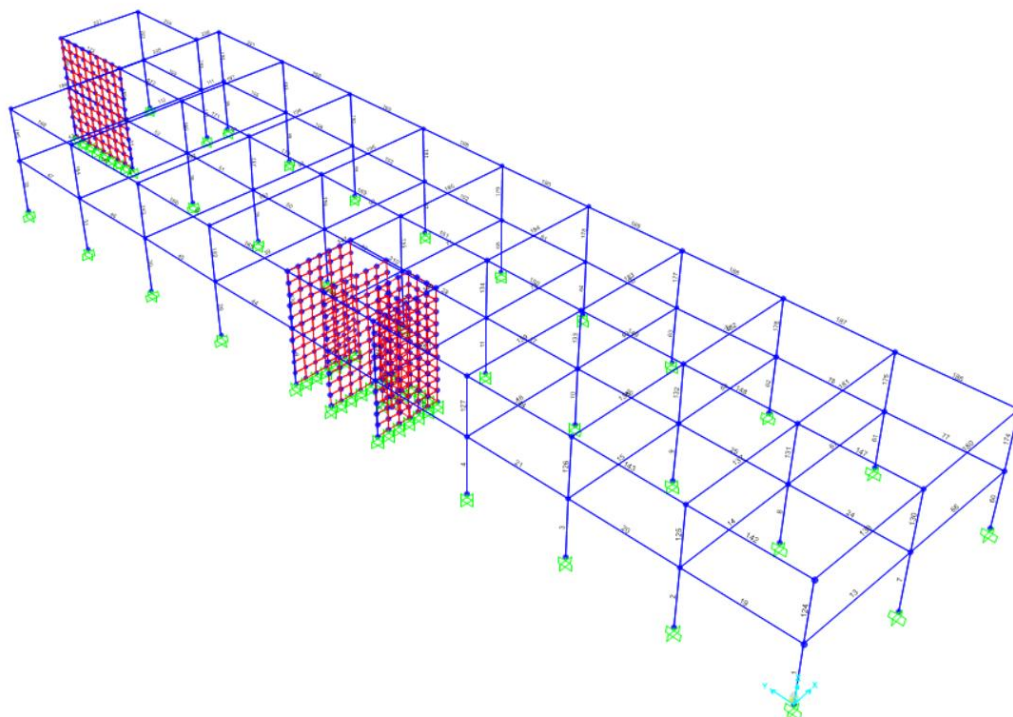
Di seguito sono riportate alcune immagini del modello, con viste tridimensionali.



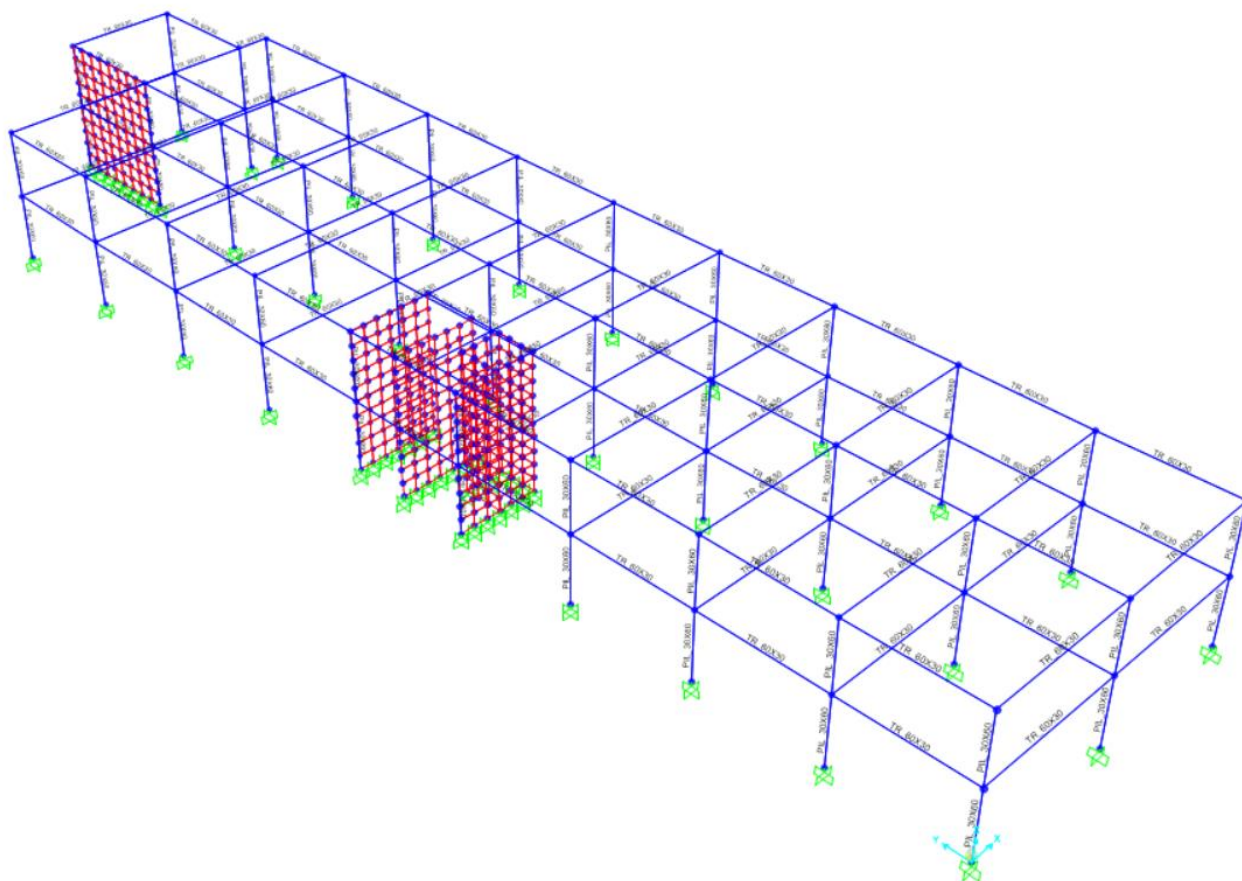
Vista 3D del modello di calcolo delle strutture completo



Identificazione dei nodi sul modello di calcolo



Identificazione degli elementi frame sul modello di calcolo



Identificazione delle sezioni sul modello di calcolo

6 // VERIFICA DELLE STRUTTURE IN PROGETTO

RISULTATI DELLE ANALISI SISMICHE

La verifica delle strutture in condizioni sismiche è stata effettuata mediante una analisi lineare dinamica (analisi modale), considerando i solai del piano terreno e di copertura infinitamente rigidi (essendo prevista una cappa armata in c.a. di spessore superiore a 4 cm).

I risultati ottenuti dall'analisi modale delle strutture in progetto evidenziano quanto segue:

Percentuale di massa mobilitata nell'analisi modale:

TABLE: Modal Load Participation Ratios				
OutputCase	ItemType	Item	Static	Dynamic
Text	Text	Text	Percent	Percent
MODAL	Acceleration	UX	99.99	98.82
MODAL	Acceleration	UY	100.00	98.92
MODAL	Acceleration	UZ	92.53	72.39

Masse associate ai principali modi di vibrare e relativi periodi

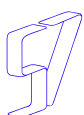
TABLE: Modal Participating Mass Ratios									
OutputCase	StepType	StepNum	Period	UX	UY	UZ	SumUX	SumUY	SumUZ
Text	Text	Unitless	Sec	Unitless	Unitless	Unitless	Unitless	Unitless	Unitless
MODAL	Mode	1	0.506	0.009	0.003	0.000	0.009	0.003	0.000
MODAL	Mode	2	0.214	0.223	0.602	0.000	0.232	0.605	0.000
MODAL	Mode	3	0.196	0.588	0.238	0.000	0.820	0.844	0.000
MODAL	Mode	4	0.156	0.002	0.000	0.000	0.822	0.844	0.000
MODAL	Mode	5	0.077	0.000	0.000	0.121	0.822	0.844	0.121
MODAL	Mode	6	0.077	0.000	0.000	0.131	0.822	0.844	0.253
MODAL	Mode	7	0.077	0.000	0.000	0.000	0.822	0.844	0.253
MODAL	Mode	8	0.077	0.000	0.000	0.000	0.822	0.844	0.253
MODAL	Mode	9	0.076	0.000	0.000	0.009	0.822	0.844	0.262
MODAL	Mode	10	0.076	0.000	0.000	0.014	0.822	0.844	0.276
MODAL	Mode	11	0.075	0.000	0.000	0.058	0.822	0.844	0.334
MODAL	Mode	12	0.074	0.000	0.000	0.000	0.822	0.844	0.335
MODAL	Mode	13	0.066	0.003	0.143	0.000	0.825	0.987	0.335
MODAL	Mode	14	0.062	0.000	0.000	0.015	0.825	0.987	0.350
MODAL	Mode	15	0.060	0.000	0.000	0.026	0.825	0.987	0.375
MODAL	Mode	16	0.059	0.003	0.000	0.067	0.828	0.987	0.442
MODAL	Mode	17	0.059	0.000	0.000	0.001	0.828	0.987	0.442
MODAL	Mode	18	0.059	0.001	0.000	0.194	0.829	0.987	0.636





MODAL	Mode	19	0.059	0.000	0.000	0.000	0.829	0.987	0.636
MODAL	Mode	20	0.059	0.000	0.000	0.071	0.829	0.987	0.707
MODAL	Mode	21	0.059	0.000	0.000	0.000	0.829	0.987	0.707
MODAL	Mode	22	0.059	0.000	0.000	0.002	0.829	0.987	0.709
MODAL	Mode	23	0.059	0.000	0.000	0.000	0.829	0.987	0.709
MODAL	Mode	24	0.059	0.000	0.000	0.004	0.829	0.987	0.713
MODAL	Mode	25	0.059	0.000	0.000	0.000	0.829	0.987	0.713
MODAL	Mode	26	0.058	0.002	0.000	0.004	0.830	0.987	0.717
MODAL	Mode	27	0.058	0.000	0.000	0.000	0.830	0.987	0.717
MODAL	Mode	28	0.058	0.000	0.000	0.006	0.831	0.987	0.722
MODAL	Mode	29	0.058	0.000	0.000	0.000	0.831	0.987	0.722
MODAL	Mode	30	0.058	0.158	0.002	0.002	0.988	0.989	0.724

L'85% delle masse modali eccitate in entrambe le direzioni principali si raggiunge al 30° modo di vibrare; l'analisi è stata eseguita considerando 30 modi di vibrare.



VERIFICHE A FLESSIONE E TAGLIO DELLE TRAVI IN C.A.

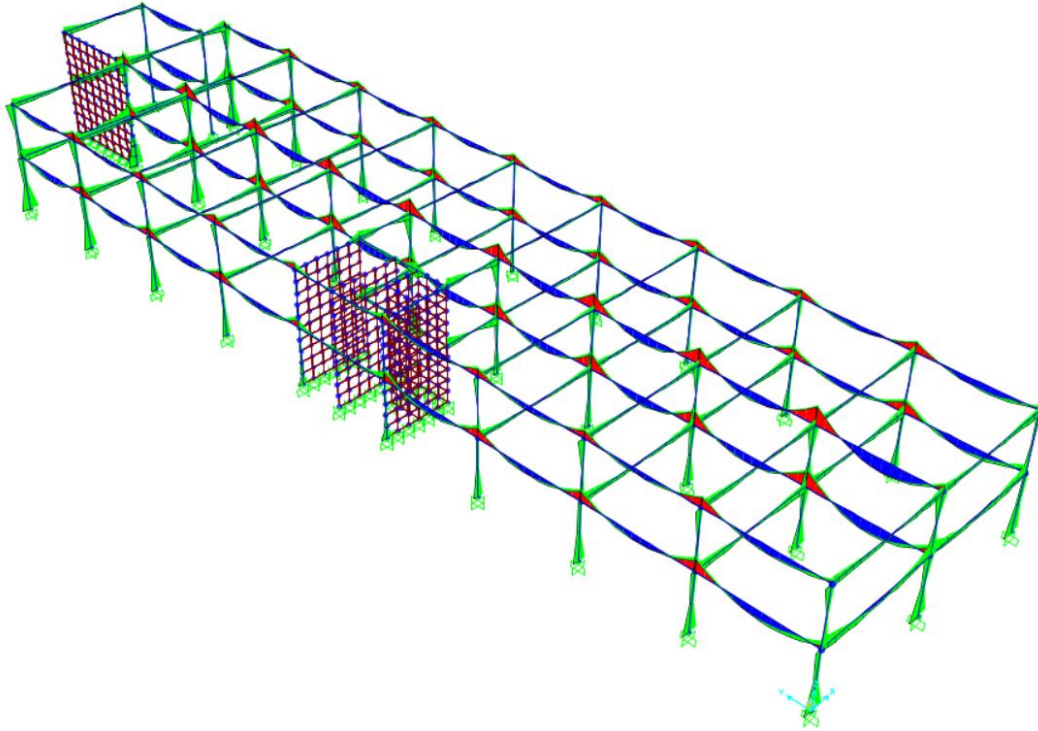


Diagramma del momento flettente – involucro SLV

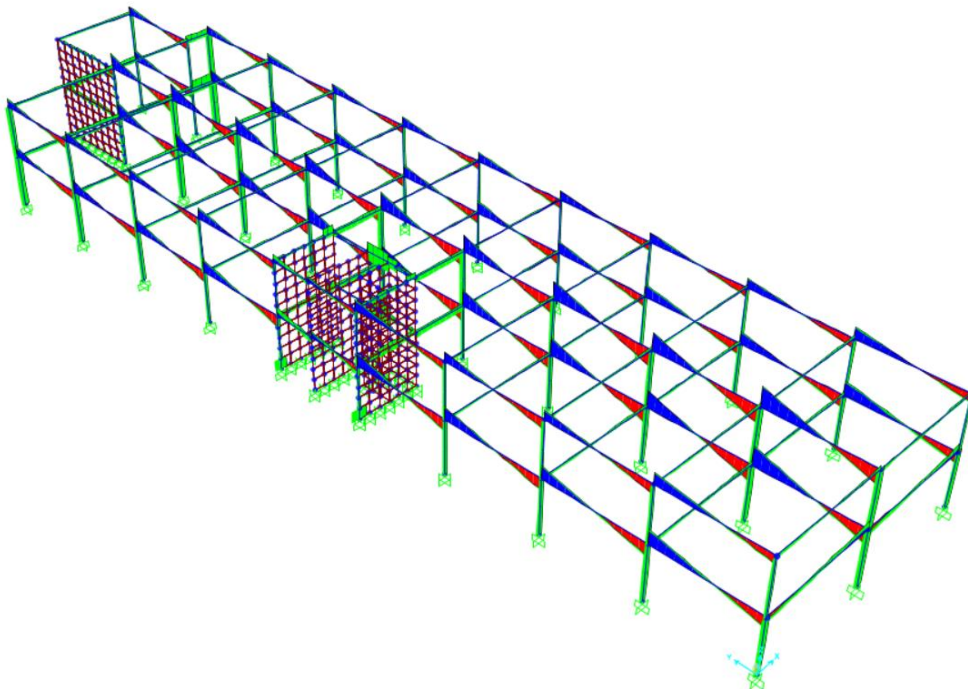


Diagramma del taglio – involucro SLV

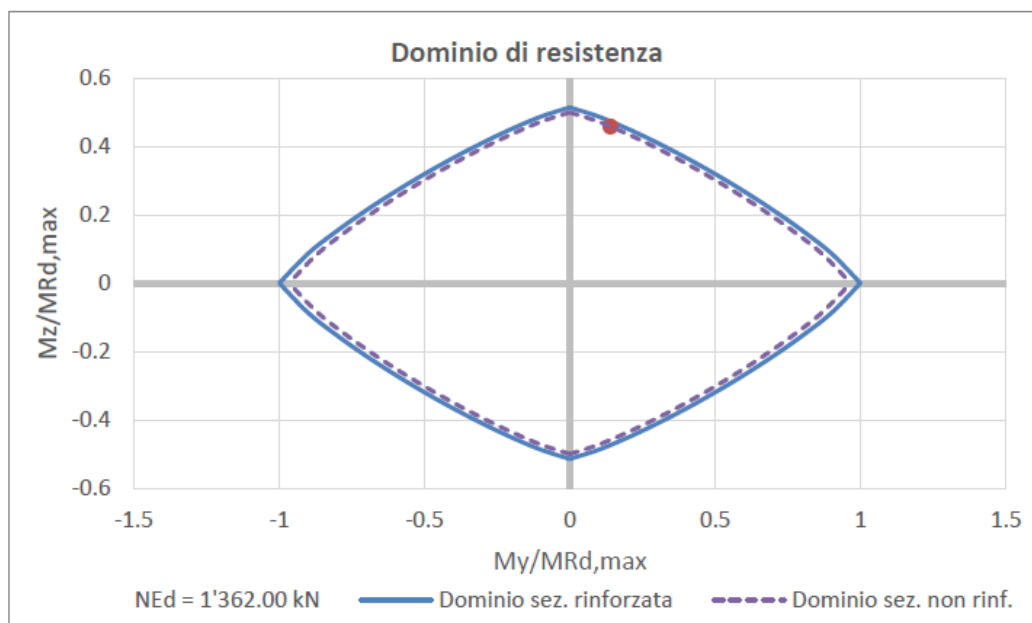
Si riportano di seguito i risultati ottenuti nelle verifiche a pressoflessione e taglio sui pilastri in c.a., nelle verifiche effettuate a SLU e SLV, per gli elementi più sollecitati.

1 Massima sollecitazione di compressione:

pilastro tipo P10 – frame n. 37 – sez. 30x60 cm – armatura longitudinale 6 ϕ 14 – staffe 1 ϕ 8/15

$N = 1362 \text{ kN}$ $M2 = 31 \text{ kNm}$ $M3 = 102 \text{ kNm}$

Verifica a pressoflessione deviata allo SLU					Esito
Pressoflessione senza rinforzo	SF =	✓ 1.00	\leq	1.00	Positivo
Pressoflessione con rinforzo	$SF^{FRP} =$	✓ 0.97	\leq	1.00	Positivo



Il pilastro non risulta verificato a pressoflessione. Si rende necessario prevedere un rinforzo in FRP – 1 strato

2 Massima sollecitazione di trazione:

pilastro tipo P10 – frame n. 37 – sez. 30x60 cm – armatura longitudinale 6 ϕ 14 – staffe 1 ϕ 8/15

$N = -1029$ kN $M_2 = 28$ kNm $M_3 = 102$ kNm

Verifica a pressofless. deviata					SF	Esito
Verifica a pressofless. deviata						
	SF =	0.172	\leq	1.00	✓ 0.17	Positivo

Verifica dello sforzo normale - cap. 7 NTC						SF	Esito	
Sforzo normale - CD"A"								
	N _{Ed} =	-1'029	≤	N _{max,CDA} =	1'247	kN	✔ -0.83	Positivo
Sforzo normale - CD"B"								
	N _{Ed} =	-1'029	≤	N _{max,CDB} =	1'473	kN	✔ -0.70	Positivo

Il pilastro risulta verificato a pressoflessione.

3-4 Massima sollecitazione di taglio:

pilastro tipo P3 – frame n. 5 – sez. 30x60 cm – armatura longitudinale 6 ϕ 16 – staffe 1 ϕ 8/15

$N = 1279$ kN $V_2 = 83.3$ kN $V_3 = 91$ kN

Verifica di resistenza a taglio					Ed/Rd	Esito
Verifica a taglio direz. Z	$V_{Ed,z} =$	83.3 >	$V_{Rd,z} =$	55.4 kN	✗ 1.50	Negativo
Verifica a taglio direz. Y	$V_{Ed,y} =$	91 >	$V_{Rd,y} =$	51.96 kN	✗ 1.75	Negativo

Il pilastro non risulta verificato a taglio.

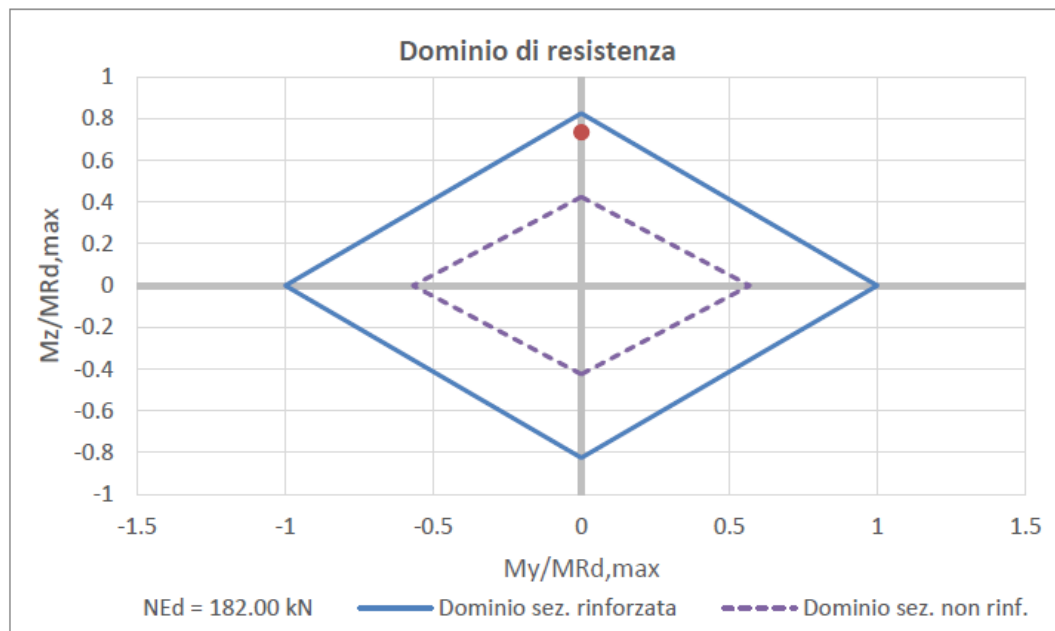
5 Massima sollecitazione flettente:

pilastro tipo P2 – frame n. 130 – sez. 30x40 cm – armatura longitudinale 6 ϕ 12 – staffe 1 ϕ 8/15

$N = 188 \text{ kN}$ $M_2 = 86.3 \text{ kNm}$

Il pilastro non risulta verificato a pressoflessione. E' necessario applicare rinforzo FRP a due strati di fibra

Verifica a pressoflessione deviata allo SLU					Esito
Pressoflessione senza rinforzo	SF =	✗ 1.73	≤	1.00	Negativo
Pressoflessione con rinforzo	$SF^{FRP} =$	✓ 0.89	≤	1.00	Positivo



Si riportano nell'allegato 2 i dettagli delle verifiche eseguite sulle strutture esistenti.

RISULTATI ATTESI PER LA VERIFICA DELLE STRUTTURE DELLA SCUOLA PERTINI

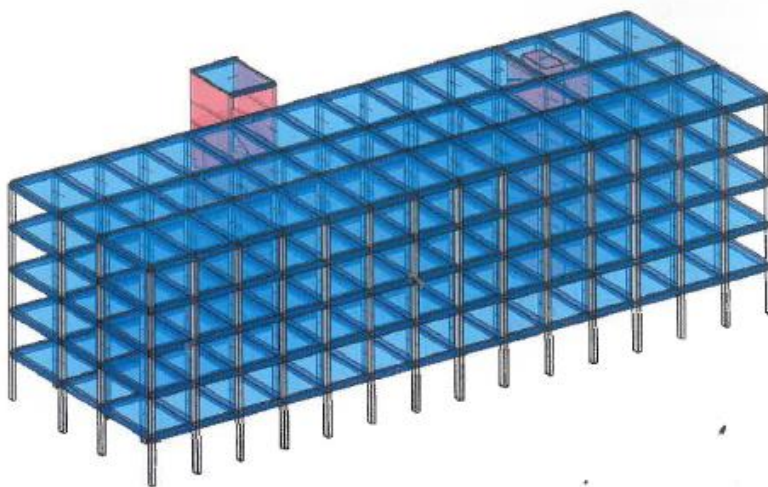
Non essendo disponibili informazioni sulla geometria, le armature, i particolari costruttivi e la qualità dei materiali costituenti le strutture della scuola Pertini, si utilizzano a titolo indicativo i risultati dell'analisi di vulnerabilità svolta sull'istituto Bonatti per individuazione degli interventi locali ed una prima stima dei costi di intervento da prevedere.

Nelle successive fasi progettuali dovranno essere eseguite le analisi di vulnerabilità ai sensi del cap. 8.3 delle NTC vigenti e la progettazione degli eventuali rinforzi strutturali sulla base di un rilievo geometrico di dettaglio e delle prove ed indagini sui materiali di cui è riportato un elenco indicativo al capitolo 3 del presente documento.

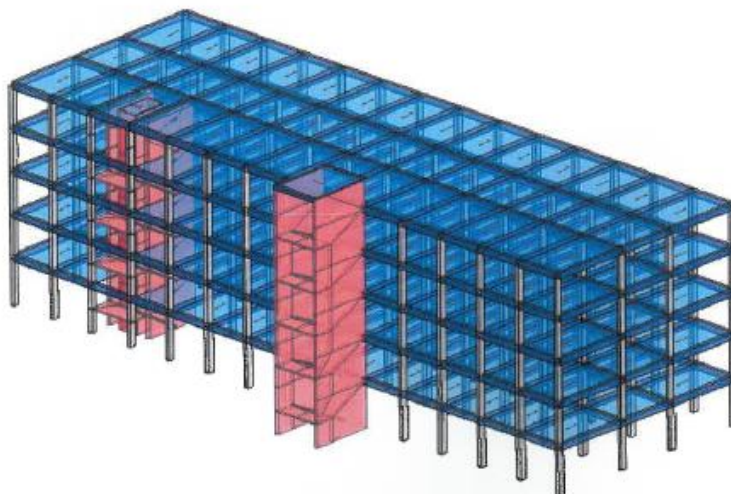
Nell'analisi di vulnerabilità dell'edificio di confronto è stata eseguita una analisi dinamica lineare, considerando un valore di resistenza a compressione del cls pari a 300 kg/cmq ed una tensione di snervamento delle armature di acciaio pari a 4500 kg/cmq.

DESCRIZIONE GENERALE DELL'OPERA

La scuola Walter Bonatti è stata realizzata a partire dal 1969 a seguito di denuncia dei calcoli dei cementi armati presso la Prefettura di Milano in data 21.11.1969 al prot. Num. 412. L'edificio è costituito da struttura a telaio in calcestruzzo armato costituito da travi e pilastri in cemento tipo 425 ed acciaio tipo Aq50 disposta su 4 livelli fuori terra ed uno seminterrato. Vengono riportate di seguito due viste assonometriche contrapposte, allo scopo di consentire una migliore comprensione della struttura oggetto della presente relazione:



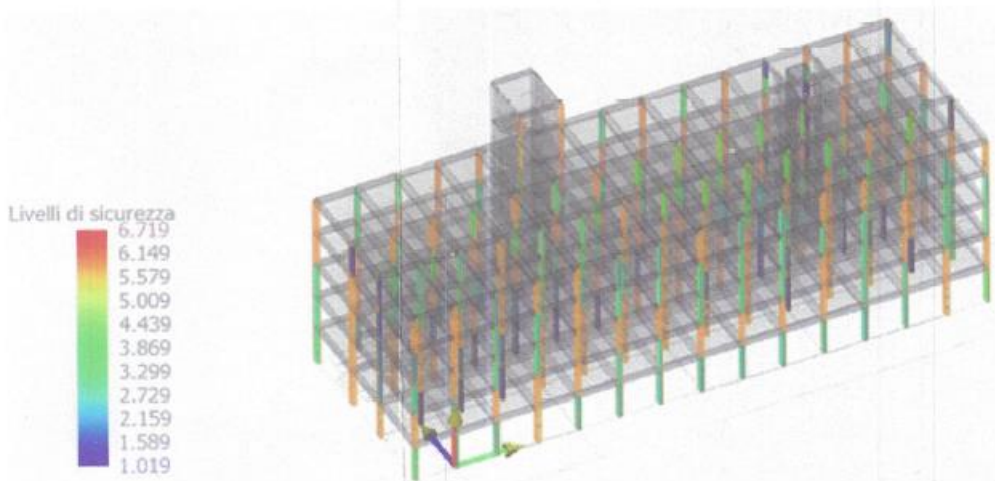
Vista Anteriore



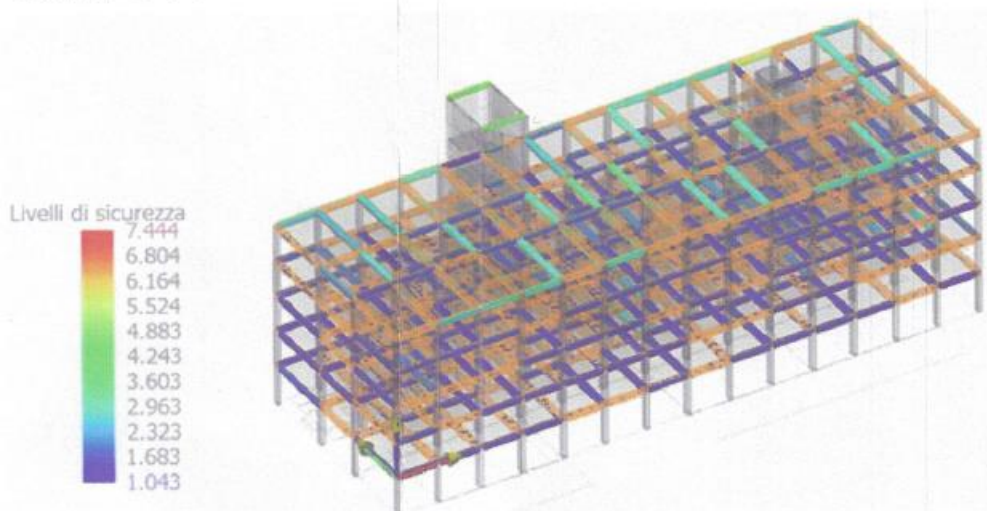
Vista Posteriore

I risultati ottenuti sull'edificio di confronto indicano che tutti gli elementi strutturali risultano verificati (livelli di sicurezza >1)

MAPPA 3D DEI COEFFICIENTI DI SICUREZZA DEI PILASTRI CORPO A



MAPPA 3D DEI COEFFICIENTI DI SICUREZZA DELLE TRAVI CORPO A



Considerata l'incertezza sulle caratteristiche dei materiali costituenti la scuola Pertini (ammettendo in questa fase che a livello geometrico le scuole siano confrontabili), si ritiene di applicare un ulteriore fattore di sicurezza agli elementi strutturali principali, ritenendo necessario intervenire per rinforzare i pilastri del piano terra a pressoflessione mediante l'inserimento di rinforzi in FRP. Si rimanda alle successive fasi progettuali un'analisi più dettagliata degli interventi di rinforzo da prevedere sugli elementi più sollecitati.

7 // INTERVENTI DI RIPARAZIONE SULLE STRUTTURE ESISTENTI

Gli interventi sull'Istituto comprensivo "Koinè": Scuola Elementare Omero, via Omero n° 6 e Scuola Primaria di Secondo Grado Pertini, Via Gentili n° 20 - 20900 Monza", da realizzarsi nell'ambito delle azioni di miglioramento della qualità urbana e del costruito, - prevedono l'**esecuzione di opere di efficientamento energetico con un miglioramento del 30% delle prestazioni energetiche e il miglioramento sismico delle strutture** - edifici ricadenti, come per tutto il territorio del Comune di Monza, in zona sismica 3.

In prima istanza si fa riferimento all'Aggiornamento delle "Norme Tecniche per le Costruzioni" (NTC 2018) emanato con decreto M.I.T. del 17 gennaio 2018 e alle Istruzioni per la sua applicazione contenute nella circolare M.I.T. del 21 gennaio 2019 (n. 7 C.S.LL.PP.). Nello specifico la S.A. ha concordato con la Regione Lombardia che sia sufficiente raggiungere il livello di **"intervento locale"** per gli edifici che hanno accesso al finanziamento, per far fronte alla invasività progettuale ed economica che deriverebbe dalla realizzazione di un intervento di miglioramento sismico completo.

Secondo quanto riportato nelle NTC 2018 al paragrafo 8.4.1 **"interventi di riparazione o intervento locale"** riguardano singole parti e/o elementi della struttura di un edificio.

Essi non debbono cambiare significativamente il comportamento globale della costruzione e sono volti a conseguire una o più delle seguenti finalità:

- ripristinare, rispetto alla configurazione precedente al danno, le caratteristiche iniziali di elementi o parti danneggiate;
- migliorare le caratteristiche di resistenza e/o di duttilità di elementi o parti, anche non danneggiati;
- impedire meccanismi di collasso locale;
- modificare un elemento o una porzione limitata della struttura.

Gli interventi che saranno proposti per gli edifici esistenti dell'Omero e Pertini rientrano nella casistica di **"interventi di riparazione o intervento locale"**, e nello specifico sono i seguenti:

1. intervento di asportazione di calcestruzzo ammalorato, posa di protezione anticorrosiva ri-alcalinizzante dei ferri d'armatura e ricostruzione del calcestruzzo copriferro, per le facciate del plesso del Pertini;
2. intervento di installazione di controsoffitto anti-sfondellamento nel plesso del Pertini.
3. Intervento di rinforzo puntuali degli elementi strutturali più degradati o con minore resistenza con fibre di carbonio, come indicato e nelle pagine precedenti.



7.1.1 Stato di fatto

Dall'indagine visiva condotta sullo stato di fatto dei fabbricati oggetto di intervento, si sono rilevate in primo luogo le criticità relative allo stato di degrado delle facciate del plesso del Pertini, e in secondo luogo la necessità di mettere in sicurezza gli ambienti interni da possibili distacchi di intonaco o caduta di elementi in laterizio dal solaio.

La campagna fotografica condotta in sede di sopralluogo rileva la presenza di **ferri di armatura scoperti e posti alle intemperie**, nello specifico sulle superfici esterne del Pertini.

Si ritiene di intervenire tempestivamente per evitare l'avanzamento dello stato di degrado degli stessi.

Sono previsti in fase progettuale pertanto trattamenti per impedire la corrosione di tali elementi, le fasi di lavorazione previste sono le seguenti:

- la messa in luce completa (a tutto tondo) dei ferri longitudinali, eseguita con un piccolo mezzo elettromeccanico e la successiva accurata pulizia dello stesso eliminando completamente le parti ammalorate per ossidazione, il calcestruzzo ancorato al ferro ed eventuali tracce di precedenti trattamenti;
- la pulizia finale, dopo la martellinatura per eliminare le parti più grossolane di ferro ossidato, eseguita con una piccola spazzola elettro-meccanica, curando di pulire anche la parte posteriore del ferro, lasciando lo spazio sufficiente (circa due centimetri) per il successivo trattamento che dovrà essere eseguito a pennello in un secondo momento;
- il trattamento delle staffe recuperabili e/o la sostituzione di quelle irreperibili; se ciò non è possibile, la sostituzione e/o integrazione delle staffe ammalorate potrà essere realizzata con ferro ad "U" da 8 o 10 mm fissato adeguatamente al calcestruzzo con resine;
- la sabbiatura e/o l'idrosabbiatura per finire in ogni caso con una perfetta pulizia sino all'eliminazione completa delle parti friabili ed asportabili e della polvere derivante dalle precedenti operazioni;
- trattamento protettivo del ferro eseguito con un prodotto anticorrosivo a spessore fino a completa ricopertura, per garantire la protezione del tondino d'armatura del calcestruzzo da ulteriore e futura ossidazione. L'applicazione deve essere effettuata su tutta la superficie dei tondini, con pennello in due mani, a garanzia del totale avvolgimento dei ferri d'armatura, subito dopo avere effettuato la pulizia dalla ruggine e dalla polvere.





Per quanto concerne gli interventi sugli ambienti interne delle scuole, la valutazione sullo stato degli elementi strutturali è stata condotta partendo dalla funzione e datazione dei fabbricati, realizzati negli anni '80. Gli edifici scolastici sono ambienti particolarmente predisposti a questo fenomeno, considerando prima di tutto la vetustà degli edifici e il periodo di edificazione, realizzati a cavallo degli anni '80, caratterizzati da ambienti-aule di grandi dimensioni con conseguente grande luce dei travetti tra gli appoggi, condizioni ambientali sfavorevoli (ad esempio escursione termica importante tra giorno e notte).

Pertanto si propone la realizzazione di soluzioni antisfondellamento, così come approfondito nel capitolo a seguire.

7.1.2 Anti-sfondellamento e soluzioni tecniche adottate

I solai esistenti nel corpo di fabbrica del Pertini sono realizzati in **latero-cemento**, e sono costituiti da elementi di alleggerimento in **laterizio** di geometria e formato variabili e travetti portanti in **calcestruzzo armato**. Questi potrebbero essere soggetti a distacco, con conseguente caduta, di parti dell'**intonaco** posto all'intradosso dei solai stessi, nonché del fondo delle cosiddette "*pignatte*" (o "fondello", da cui il termine "sfondellamento" per descrivere il fenomeno).



Si ritiene di intervenire per la **messa in sicurezza** dei locali, in quanto la caduta di intonaci ed elementi in laterizio può consistere, mediamente, in carichi di **20-40 kg/m²** e costituire pertanto un serio pericolo per gli utenti dei locali.

La soluzione che consente di evitare i distacchi di intonaco o del fondo delle pignatte è rappresentata dai **controsoffitti anti-sfondellamento**.

Nello specifico il progetto prevede due tipologie di controsoffitto:

- Posa in aderenza ancorata al solaio, con lastra in gesso rivestito ad elevata resistenza meccanica e reazione al fuoco e sottostruttura con orditura più ampia e profili di irrigidimento;
- Posa interna ribassata con singolo rivestimento con lastra in gesso rivestito ad elevata resistenza meccanica e di reazione al fuoco, con doppia orditura metallica, incrociata e sovrapposta, realizzata con appositi ancoraggi di sospensione in grado di sopportare le sollecitazioni statiche e meccaniche.

Entrambi i sistemi sono certificati, si riporta a seguire a titolo esemplificativo la scheda tecnica di uno dei sistemi certificati presenti in commercio.

Sarà verificata in sede di esecuzione la tipologia di ancoraggio necessario rispetto allo stato di fatto dei fabbricati.





Le soluzioni Knauf per il contenimento dello sfondellamento

Knauf, forte anche dell'esperienza nelle soluzioni ad elevata resistenza meccanica ed antisismica, si è evoluta negli anni arrivando alla realizzazione di controsoffitti altamente prestazionali per risolvere il problema dello sfondellamento.

I controsoffitti Knauf sono i primi in Italia ad essere certificati quali idonei a resistere alle sollecitazioni sismiche. Appartengono al sistema a secco Knauf diverse tipologie di controsoffitti in funzione delle esigenze prestazionali, in grado di soddisfare sia le esigenze estetiche che quelle prestazionali in termini di correzione acustica, protezione dal fuoco, isolamento termico e sicurezza.

Il Sistema Antisfondellamento Knauf prevede due soluzioni:

- D 111 in aderenza
- D 112 ribassato

Entrambe le soluzioni possono essere realizzate con Lastra Diamant o con Lastra Forata Cleanco al fine di migliorare le prestazioni acustiche del solaio.

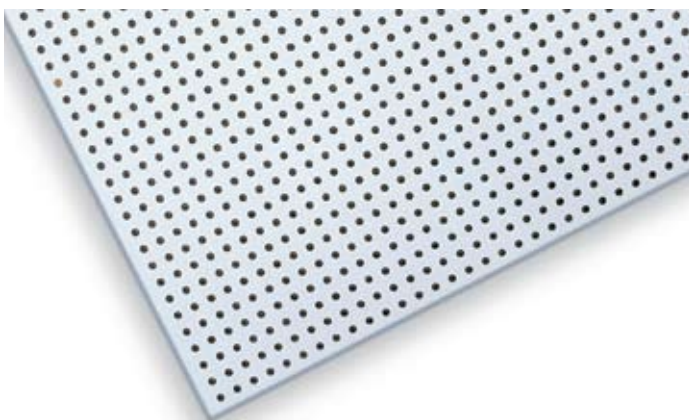
Lastra Diamant 1250x2000 mm

La lastra Knauf Diamant è una lastra in gesso rivestito con un nucleo particolarmente duro ad elevatissima resistenza meccanica, con performance di resistenza all'umidità e resistenza al fuoco pari alle lastre GKFI (DIN 18180) e DFH2IR (UNI EN 520). Le caratteristiche dimensionali sono ideali per l'applicazione a soffitto.

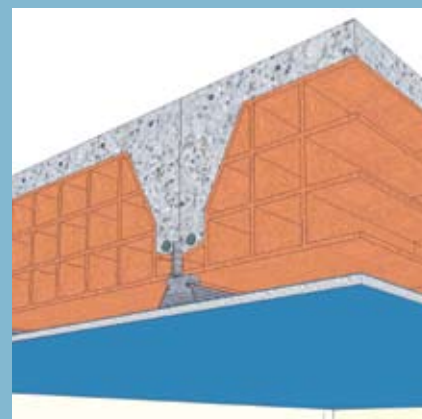
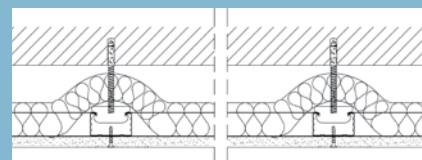


Lastre Forate Cleaneo

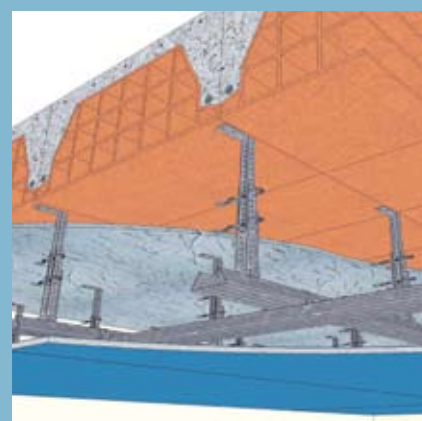
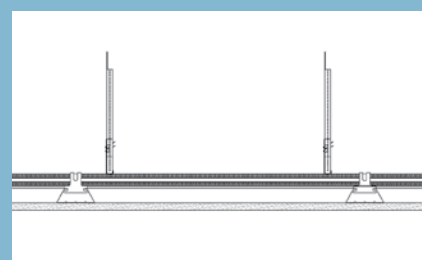
Ideali per l'acustica. Le lastre Forate Cleaneo, coniugano le caratteristiche di resistenza meccanica con la tecnica acustica, permettendo la realizzazione di controsoffitti antisfondellamento con proprietà di assorbimento e correzione acustica.



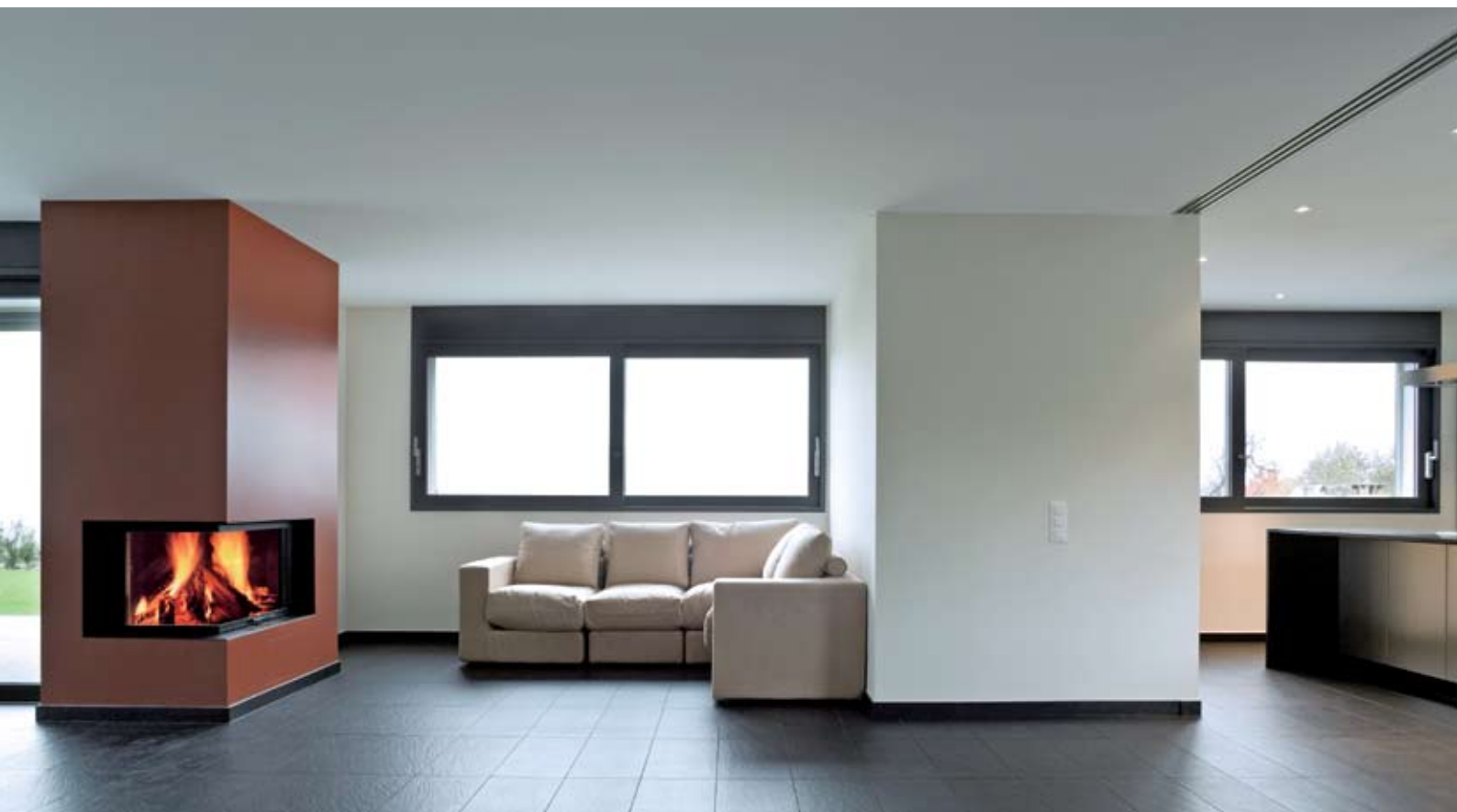
Per dettagli tecnici e dimensionamenti specifici, consultare il "Servizio Tecnico Knauf".



■ In aderenza (D111)



■ Ribassato (D112)



Profili Gratex C 60/25

Il profilo Knauf C Plus 60/25 Gratex, marchiato CE ad ali inclinate, presenta un'anima più ampia rispetto alle tradizionali orditure, garantendo migliore aderenza con i pannelli di rivestimento e facilitando l'avvitamento delle lastre. Il profilo è dotato di scanalature che, associate alla rigatura delle ali, irrigidiscono il profilo conferendogli maggiore resistenza alle sollecitazioni meccaniche. Infine l'arrotondamento del bordo determina una maggiore sicurezza e precisione degli agganci, una maggiore velocità di posa e un'assenza di laschi e vibrazioni.



Sistema di sospensione Nonius

Il Pendino Knauf Nonius è costituito da tre elementi fondamentali: gancio, doppio coppiglio e pendino rigido. Provvisto di microforatura a passo differenziato sul pendino e sul gancio, consente una perfetta regolazione tramite il doppio coppiglio per una maggiore precisione nel montaggio. Adatto per soffitti dove è richiesta un'elevata portata, sicurezza antisismica e resistenza meccanica.



La certificazione del sistema

Brevetto depositato

Sistema garantito

Tutti i materiali Knauf sono coperti da una RC prodotto. Per il Sistema Antisfondellamento è inoltre prevista, su richiesta, un'assicurazione specifica di rimpiazzo decennale.

Sistema certificato

Il Sistema Antisfondellamento Knauf ha conseguito due certificazioni di prova rilasciate dall'Istituto Giordano.



Presso i laboratori dell'Istituto è stata misurata la capacità di portata del controsoffitto Knauf per il contenimento dei solai soggetti a fenomeni di sfondellamento.

Al termine delle prove, nonostante l'elevato sovraccarico (fino a 120 Kg/m²) e l'effetto dinamico con cui questo è stato applicato, non si è rilevata nessuna significativa deformazione dei sistemi di sospensione e aggancio dei profili. L'intradosso del controsoffitto è apparso privo di fessure o di qualsivoglia segno di danneggiamento. La deformazione misurata con comparatore meccanico al centro del controsoffitto è estremamente contenuta, non rilevabile ad occhio nudo.

Il carico di 60 Kg/m² lasciato cadere in unica soluzione da un'altezza di 200 mm sull'estradosso del controsoffitto con lastre Diamant non ha portato nessuna deformazione dei sistemi di sospensione, né dei sistemi di aggancio tra i profili, né dei profili stessi, né della superficie all'intradosso del controsoffitto.

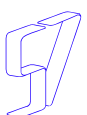
I rapporti di prova e la consulenza per la scelta del sistema sono disponibili presso il Servizio Tecnico Knauf.





8 // ALLEGATI

Di seguito si riportano INPUT e OUTPUT della modellazione strutturale eseguita con codici di calcolo SAP2000, per la determinazione degli spostamenti e delle sollecitazioni degli elementi strutturali ed i listati con l'esecuzione delle verifiche degli elementi più sollecitati.



COMUNE DI MONZA (MB)

Istituto comprensivo "Koinè":

Appalto integrato delle Scuole Primaria Omero e Secondaria Sandro Pertini del Comune di Monza.

SETTANTA7 SRL



7.1. Listato di calcolo SAP 20000



COMUNE DI MONZA (MB)

Istituto comprensivo "Koinè":

Appalto integrato delle Scuole Primaria Omero e Secondaria Sandro Pertini del Comune di Monza.

SETTANTA7 SRL



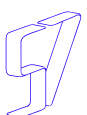
7.2. Listato di verifica delle sezioni





7 // ALLEGATI

Di seguito si riportano INPUT e OUTPUT della modellazione strutturale eseguita con codici di calcolo SAP2000, per la determinazione degli spostamenti e delle sollecitazioni degli elementi strutturali ed i listati con l'esecuzione delle verifiche degli elementi più sollecitati.



COMUNE DI MONZA (MB)

Istituto comprensivo "Koinè":

Appalto integrato delle Scuole Primaria Omero e Secondaria Sandro Pertini del Comune di Monza.

SETTANTA7 SRL



7.1. Listato di calcolo SAP 20000





Scuola Omero
Project Number: MNZ - Omero

Prepared for
Comune di Monza

Prepared by
Settanta7 Srl

Model Name: MNZ_OMERO_0.sdb

16 febbraio 2024

Table: Case - Modal 1 - General

Table: Case - Modal 1 - General							
Case	ModeType	MaxNumModes	MinNumModes	EigenShift	EigenCutoff	EigenTol	AutoShift
				Cyc/sec	Cyc/sec		
MODAL	Eigen	30	1	0.0000E+00	0.0000E+00	1.0000E-09	Yes

Table: Case - Response Spectrum 1 - General, Part 1 of 2

Table: Case - Response Spectrum 1 - General, Part 1 of 2											
Case	ModalComb	GMCf1	GMCf2	PerRigid	td	DirCombo	ABSSF	MotionType	DampingType	ConstDamp	EccenRatio
		Cyc/sec	Cyc/sec		Sec						
SLV_X	CQC	1.0000E+00	0.0000E+00	SRSS		SRSS		Acceleration	Constant	0.05	0.05
SLV_Y	CQC	1.0000E+00	0.0000E+00	SRSS		SRSS		Acceleration	Constant	0.05	0.05
SLO_X	CQC	1.0000E+00	0.0000E+00	SRSS		SRSS		Acceleration	Constant	0.05	0.05
SLO_Y	CQC	1.0000E+00	0.0000E+00	SRSS		SRSS		Acceleration	Constant	0.05	0.05

Table: Case - Response Spectrum 1 - General, Part 2 of 2

Table: Case - Response Spectrum 1 - General, Part 2 of 2	
Case	NumOverride
SLV_X	0
SLV_Y	0
SLO_X	0
SLO_Y	0

Table: Case - Response Spectrum 2 - Load Assignments

Table: Case - Response Spectrum 2 - Load Assignments								
Case	LoadType	LoadName	CoordSys	Function	Angle	LoadSF	TransAccSF	RotAccSF
					Degrees		m/sec2	rad/sec2
SLV_X	Acceleration	U1	GLOBAL	SLV	0.		9.81	

Table: Case - Response Spectrum 2 - Load Assignments

Case	LoadType	LoadName	CoordSys	Function	Angle Degrees	LoadSF	TransAccSF m/sec2	RotAccSF rad/sec2
SLV_Y	Acceleration	U2	GLOBAL	SLV	0.		9.81	
SLO_X	Acceleration	U1	GLOBAL	SLO	0.		9.81	
SLO_Y	Acceleration	U2	GLOBAL	SLO	0.		9.81	

Table: Combination Definitions, Part 1 of 2

Table: Combination Definitions, Part 1 of 2

ComboName	ComboType	AutoDesign	CaseType	CaseName	ModeNumber	ScaleFactor	SteelDesign	ConcDesign
SLU_SWX	Linear Add	No	Linear Static	DEAD		1.3	None	None
SLU_SWX			Linear Static	PERM_G1		1.5		
SLU_SWX			Linear Static	PERM_G2		1.5		
SLU_SWX			Linear Static	VAR		1.5		
SLU_SWX			Linear Static	NEVE		1.5		
SLU_SWX	Linear Add	No	Linear Static	VENTO_X		0.9	None	None
SLU_SWY			Linear Static	DEAD		1.3		
SLU_SWY			Linear Static	PERM_G1		1.5		
SLU_SWY			Linear Static	PERM_G2		1.5		
SLU_SWY			Linear Static	VAR		1.5		
SLU_SWY	Linear Add	No	Linear Static	NEVE		1.5	None	None
SLU_SWY			Linear Static	VENTO_Y		0.9		
SLU_WXS			Linear Static	DEAD		1.3		
SLU_WXS			Linear Static	PERM_G1		1.5		
SLU_WXS			Linear Static	PERM_G2		1.5		
SLU_WXS	Linear Add	No	Linear Static	VAR		0.	None	None
SLU_WXS			Linear Static	NEVE		0.75		
SLU_WXS			Linear Static	VENTO_X		1.5		
SLU_WYS			Linear Static	DEAD		1.3		
SLU_WYS			Linear Static	PERM_G1		1.5		
SLU_WYS	Linear Add	No	Linear Static	PERM_G2		1.5	None	None
SLU_WYS			Linear Static	VAR		0.		
SLU_WYS			Linear Static	NEVE		0.75		
SLU_WYS			Linear Static	VENTO_Y		1.5		
SLE_RARA_SWX			Linear Static	DEAD		1.		
SLE_RARA_SWX	Linear Add	No	Linear Static	PERM_G1		1.	None	None
SLE_RARA_SWX			Linear Static	PERM_G2		1.		
SLE_RARA_SWX			Linear Static	VAR		1.		

Table: Combination Definitions, Part 1 of 2

ComboName	ComboType	AutoDesign	CaseType	CaseName	ModeNumber	ScaleFactor	SteelDesign	ConcDesign
SLE_RARA_SWX	Linear Add	No	Linear Static	NEVE		1.	None	None
SLE_RARA_SWX			Linear Static	VENTO_X		0.6		
SLE_RARA_WX			Linear Static	DEAD		1.		
SLE_RARA_WX			Linear Static	PERM_G1		1.		
SLE_RARA_WX			Linear Static	PERM_G2		1.		
SLE_RARA_WX			Linear Static	VAR		1.		
SLE_RARA_WX	Linear Add	No	Linear Static	NEVE		0.5	None	None
SLE_RARA_WX			Linear Static	VENTO_X		1.		
SLE_RARA_SWY			Linear Static	DEAD		1.		
SLE_RARA_SWY			Linear Static	PERM_G1		1.		
SLE_RARA_SWY			Linear Static	PERM_G2		1.		
SLE_RARA_SWY			Linear Static	VAR		1.		
SLE_RARA_SWY	Linear Add	No	Linear Static	NEVE		1.	None	None
SLE_RARA_SWY			Linear Static	VENTO_Y		0.6		
SLE_RARA_WY			Linear Static	DEAD		1.		
SLE_RARA_WY			Linear Static	PERM_G1		1.		
SLE_RARA_WY			Linear Static	PERM_G2		1.		
SLE_RARA_WY			Linear Static	VAR		1.		
SLE_RARA_WY	Linear Add	No	Linear Static	NEVE		0.5	None	None
SLE_RARA_WY			Linear Static	VENTO_Y		1.		
SLV_XY			Linear Static	DEAD		1.		
SLV_XY			Linear Static	PERM_G1		1.		
SLV_XY			Linear Static	PERM_G2		1.		
SLV_XY			Response Spectrum	SLV_X		1.		
SLV_XY	Linear Add	No	Response Spectrum	SLV_Y		0.3	None	None
SLV_XY-			Linear Static	DEAD		1.		
SLV_XY-			Linear Static	PERM_G1		1.		
SLV_XY-			Linear Static	PERM_G2		1.		
SLV_XY-			Response Spectrum	SLV_X		1.		
SLV_XY-			Response Spectrum	SLV_Y		-0.3		
SLV_YX	Linear Add	No	Linear Static	DEAD		1.	None	None
SLV_YX			Linear Static	PERM_G1		1.		
SLV_YX			Linear Static	PERM_G2		1.		
SLV_YX			Response Spectrum	SLV_X		0.3		
SLV_YX			Response Spectrum	SLV_Y		1.		
SLV_YX-			Linear Static	DEAD		1.		
SLV_YX-	Linear Add	No	Linear Static	PERM_G1		1.	None	None

Table: Combination Definitions, Part 1 of 2

ComboName	ComboType	AutoDesign	CaseType	CaseName	ModeNumber	ScaleFactor	SteelDesign	ConcDesign
SLV_YX-	Linear Add	No	Linear Static	PERM_G2		1.	None	None
SLV_YX-			Response Spectrum	SLV_X		-0.3		
SLV_YX-			Response Spectrum	SLV_Y		1.		
SLO_XY			Linear Static	DEAD		1.		
SLO_XY			Linear Static	PERM_G1		1.		
SLO_XY			Linear Static	PERM_G2		1.		
SLO_XY	Linear Add	No	Response Spectrum	SLO_X		1.	None	None
SLO_XY			Response Spectrum	SLO_Y		0.3		
SLO_XY-			Linear Static	DEAD		1.		
SLO_XY-			Linear Static	PERM_G1		1.		
SLO_XY-			Linear Static	PERM_G2		1.		
SLO_XY-			Response Spectrum	SLO_X		1.		
SLO_XY-	Linear Add	No	Response Spectrum	SLO_Y		-0.3	None	None
SLO_YX			Linear Static	DEAD		1.		
SLO_YX			Linear Static	PERM_G1		1.		
SLO_YX			Linear Static	PERM_G2		1.		
SLO_YX			Response Spectrum	SLO_X		0.3		
SLO_YX			Response Spectrum	SLO_Y		1.		
SLO_YX-	Linear Add	No	Linear Static	DEAD		1.	None	None
SLO_YX-			Linear Static	PERM_G1		1.		
SLO_YX-			Linear Static	PERM_G2		1.		
SLO_YX-			Response Spectrum	SLO_X		-0.3		
SLO_YX-			Response Spectrum	SLO_Y		1.		
INV_SLU	Envelope	No	Response Combo	SLU_SWX		1.	None	None
INV_SLU			Response Combo	SLU_SWY		1.		
INV_SLU			Response Combo	SLU_WXS		1.		
INV_SLU			Response Combo	SLU_WYS		1.		
INV_SLE	Envelope	No	Response Combo	SLE_RARA_SWX		1.	None	None
INV_SLE			Response Combo	SLE_RARA_SWY		1.		
INV_SLE			Response Combo	SLE_RARA_WX		1.		
INV_SLE			Response Combo	SLE_RARA_WY		1.		
INV_SLV	Envelope	No	Response Combo	SLV_XY		1.	None	None
INV_SLV			Response Combo	SLV_XY-		1.		
INV_SLV			Response Combo	SLV_YX		1.		
INV_SLV			Response Combo	SLV_YX-		1.		
INV_SLO	Envelope	No	Response Combo	SLO_XY		1.	None	None
INV_SLO			Response Combo	SLO_XY-		1.		

Table: Combination Definitions, Part 1 of 2

ComboName	ComboType	AutoDesign	CaseType	CaseName	ModeNumber	ScaleFactor	SteelDesign	ConcDesign
INV_SLO			Response Combo	SLO_YX		1.		
INV_SLO			Response Combo	SLO_YX-		1.		

Table: Combination Definitions, Part 2 of 2

Table: Combination Definitions, Part 2 of 2

ComboName	CaseName	AlumDesign	ColdDesign	GUID	Notes
SLU_SWX	DEAD	None	None	989399b6-0610-45e9-93d6-821b37930845	
SLU_SWX	PERM_G1				
SLU_SWX	PERM_G2				
SLU_SWX	VAR				
SLU_SWX	NEVE				
SLU_SWX	VENTO_X				
SLU_SWY	DEAD	None	None	989399b6-0610-45e9-93d6-821b37930845	
SLU_SWY	PERM_G1				
SLU_SWY	PERM_G2				
SLU_SWY	VAR				
SLU_SWY	NEVE				
SLU_SWY	VENTO_Y				
SLU_WXS	DEAD	None	None	989399b6-0610-45e9-93d6-821b37930845	
SLU_WXS	PERM_G1				
SLU_WXS	PERM_G2				
SLU_WXS	VAR				
SLU_WXS	NEVE				
SLU_WXS	VENTO_X				
SLU_WYS	DEAD	None	None	989399b6-0610-45e9-93d6-821b37930845	
SLU_WYS	PERM_G1				
SLU_WYS	PERM_G2				
SLU_WYS	VAR				
SLU_WYS	NEVE				
SLU_WYS	VENTO_Y				

Table: Combination Definitions, Part 2 of 2

ComboName	CaseName	AlumDesign	ColdDesign	GUID	Notes
SLE_RARA_SWX	DEAD	None	None	989399b6-0610-45e9-93d6-821b37930845	
SLE_RARA_SWX	PERM_G1				
SLE_RARA_SWX	PERM_G2				
SLE_RARA_SWX	VAR				
SLE_RARA_SWX	NEVE				
SLE_RARA_SWX	VENTO_X				
SLE_RARA_WX	DEAD	None	None	989399b6-0610-45e9-93d6-821b37930845	
SLE_RARA_WX	PERM_G1				
SLE_RARA_WX	PERM_G2				
SLE_RARA_WX	VAR				
SLE_RARA_WX	NEVE				
SLE_RARA_WX	VENTO_X				
SLE_RARA_SWY	DEAD	None	None	989399b6-0610-45e9-93d6-821b37930845	
SLE_RARA_SWY	PERM_G1				
SLE_RARA_SWY	PERM_G2				
SLE_RARA_SWY	VAR				
SLE_RARA_SWY	NEVE				
SLE_RARA_SWY	VENTO_Y				
SLE_RARA_WY	DEAD	None	None	989399b6-0610-45e9-93d6-821b37930845	
SLE_RARA_WY	PERM_G1				
SLE_RARA_WY	PERM_G2				
SLE_RARA_WY	VAR				
SLE_RARA_WY	NEVE				
SLE_RARA_WY	VENTO_Y				
SLV_XY	DEAD	None	None	c768382d-bc38-4e91-94ba-6f7999c25cd3	
SLV_XY	PERM_G1				
SLV_XY	PERM_G2				
SLV_XY	SLV_X				
SLV_XY	SLV_Y				
SLV_XY-	DEAD	None	None	c768382d-bc38-4e91-94ba-6f7999c25cd3	
SLV_XY-	PERM_G1				
SLV_XY-	PERM_G2				
SLV_XY-	SLV_X				

Table: Combination Definitions, Part 2 of 2

ComboName	CaseName	AlumDesign	ColdDesign	GUID	Notes
SLV_XY-	SLV_Y				
SLV_YX	DEAD	None	None	c768382d-bc38-4e91-94 ba-6f7999c25cd3	
SLV_YX	PERM_G1				
SLV_YX	PERM_G2				
SLV_YX	SLV_X				
SLV_YX	SLV_Y				
SLV_YX-	DEAD	None	None	c768382d-bc38-4e91-94 ba-6f7999c25cd3	
SLV_YX-	PERM_G1				
SLV_YX-	PERM_G2				
SLV_YX-	SLV_X				
SLV_YX-	SLV_Y				
SLO_XY	DEAD	None	None	c768382d-bc38-4e91-94 ba-6f7999c25cd3	
SLO_XY	PERM_G1				
SLO_XY	PERM_G2				
SLO_XY	SLO_X				
SLO_XY	SLO_Y				
SLO_XY-	DEAD	None	None	c768382d-bc38-4e91-94 ba-6f7999c25cd3	
SLO_XY-	PERM_G1				
SLO_XY-	PERM_G2				
SLO_XY-	SLO_X				
SLO_XY-	SLO_Y				
SLO_YX	DEAD	None	None	c768382d-bc38-4e91-94 ba-6f7999c25cd3	
SLO_YX	PERM_G1				
SLO_YX	PERM_G2				
SLO_YX	SLO_X				
SLO_YX	SLO_Y				
SLO_YX-	DEAD	None	None	c768382d-bc38-4e91-94 ba-6f7999c25cd3	
SLO_YX-	PERM_G1				
SLO_YX-	PERM_G2				
SLO_YX-	SLO_X				
SLO_YX-	SLO_Y				
INV_SLU	SLU_SWX	None	None	e1378eec-daa4-4b14-b2 42-fd66530dd92a	

Table: Combination Definitions, Part 2 of 2

ComboName	CaseName	AlumDesign	ColdDesign	GUID	Notes
INV_SLU	SLU_SWY				
INV_SLU	SLU_WXS				
INV_SLU	SLU_WYS				
INV_SLE	SLE_RARA_SWX	None	None	c68213e6-0fa7-40f2-9972-60960966ceab	
INV_SLE	SLE_RARA_SWY				
INV_SLE	SLE_RARA_WX				
INV_SLE	SLE_RARA_WY				
INV_SLV	SLV_XY	None	None	8b20d126-504c-44e4-b718-f14af367c3b0	
INV_SLV	SLV_XY-				
INV_SLV	SLV_YX				
INV_SLV	SLV_YX-				
INV_SLO	SLO_XY	None	None	b811eb23-dfa1-4c82-b312-c039fa07854d	
INV_SLO	SLO_XY-				
INV_SLO	SLO_YX				
INV_SLO	SLO_YX-				

Table: Element Forces - Frames, Part 1 of 2

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
1	0.	INV_SLU	Combination	Max			-427.538	-13.585	-12.694	-0.0078	-18.2853
1	1.75	INV_SLU	Combination	Max			-417.304	-17.832	-19.009	-0.0078	15.1766
1	3.5	INV_SLU	Combination	Max			-407.07	-17.832	-19.009	-0.0078	62.5535
1	0.	INV_SLU	Combination	Min			-545.29	-18.284	-25.763	-0.0495	-29.909
1	1.75	INV_SLU	Combination	Min			-535.056	-18.885	-25.783	-0.0495	9.4838
1	3.5	INV_SLU	Combination	Min			-524.821	-24.085	-29.591	-0.0495	44.5418
1	0.	INV_SLV	Combination	Max			-265.012	32.059	-5.514	0.9266	0.2699
1	1.75	INV_SLV	Combination	Max			-257.139	32.059	-5.514	0.9266	9.929
1	3.5	INV_SLV	Combination	Max			-249.266	32.059	-5.514	0.9266	40.9247
1	0.	INV_SLV	Combination	Min			-329.203	-57.242	-20.347	-0.9509	-30.2944
1	1.75	INV_SLV	Combination	Min			-321.331	-57.242	-20.347	-0.9509	5.3039
1	3.5	INV_SLV	Combination	Min			-313.458	-57.242	-20.347	-0.9509	19.5656
2	0.	INV_SLU	Combination	Max			-762.274	5.087	3.458	-0.0078	3.8453
2	1.75	INV_SLU	Combination	Max			-752.039	-4.699	3.458	-0.0078	-1.6541

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
2	3.5	INV_SLU	Combination	Max			-741.805	-4.699	3.458	-0.0078	-6.375
2	0.	INV_SLU	Combination	Min			-1043.715	-5.251	2.698	-0.0495	3.0668
2	1.75	INV_SLU	Combination	Min			-1033.481	-5.679	2.698	-0.0495	-2.2059
2	3.5	INV_SLU	Combination	Min			-1023.246	-15.913	2.698	-0.0495	-8.2572
2	0.	INV_SLV	Combination	Max			-492.4	32.728	11.078	0.9266	19.4246
2	1.75	INV_SLV	Combination	Max			-484.528	32.728	11.078	0.9266	0.0416
2	3.5	INV_SLV	Combination	Max			-476.655	32.728	11.078	0.9266	11.0008
2	0.	INV_SLV	Combination	Min			-558.527	-40.251	-7.592	-0.9509	-15.5728
2	1.75	INV_SLV	Combination	Min			-550.654	-40.251	-7.592	-0.9509	-2.2901
2	3.5	INV_SLV	Combination	Min			-542.781	-40.251	-7.592	-0.9509	-19.3495
3	0.	INV_SLU	Combination	Max			-716.442	5.809	-0.325	-0.0078	-0.3831
3	1.75	INV_SLU	Combination	Max			-706.207	-4.42	-0.325	-0.0078	0.2093
3	3.5	INV_SLU	Combination	Max			-695.973	-4.42	-0.325	-0.0078	1.2991
3	0.	INV_SLU	Combination	Min			-977.385	-4.907	-0.626	-0.0495	-0.8929
3	1.75	INV_SLU	Combination	Min			-967.151	-5.07	-0.626	-0.0495	0.1758
3	3.5	INV_SLU	Combination	Min			-956.916	-15.191	-0.626	-0.0495	0.7557
3	0.	INV_SLV	Combination	Max			-470.163	25.256	8.676	0.9266	16.6518
3	1.75	INV_SLV	Combination	Max			-462.291	25.256	8.676	0.9266	1.4729
3	3.5	INV_SLV	Combination	Max			-454.418	25.256	8.676	0.9266	15.0805
3	0.	INV_SLV	Combination	Min			-517.655	-32.258	-9.331	-0.9509	-17.5801
3	1.75	INV_SLV	Combination	Min			-509.782	-32.258	-9.331	-0.9509	-1.2547
3	3.5	INV_SLV	Combination	Min			-501.91	-32.258	-9.331	-0.9509	-13.7159
4	0.	INV_SLU	Combination	Max			-728.435	6.319	-0.193	-0.0078	-0.2301
4	1.75	INV_SLU	Combination	Max			-718.201	-4.181	-0.193	-0.0078	0.1098
4	3.5	INV_SLU	Combination	Max			-707.966	-4.377	-0.193	-0.0078	0.8732
4	0.	INV_SLU	Combination	Min			-995.434	-4.817	-0.445	-0.0495	-0.6833
4	1.75	INV_SLU	Combination	Min			-985.2	-4.817	-0.445	-0.0495	0.0825
4	3.5	INV_SLU	Combination	Min			-974.965	-14.681	-0.445	-0.0495	0.4446
4	0.	INV_SLV	Combination	Max			-475.561	18.104	9.082	0.9266	17.1125
4	1.75	INV_SLV	Combination	Max			-467.689	18.104	9.082	0.9266	1.2872
4	3.5	INV_SLV	Combination	Max			-459.816	18.104	9.082	0.9266	15.6667
4	0.	INV_SLV	Combination	Min			-529.29	-24.898	-9.574	-0.9509	-17.853
4	1.75	INV_SLV	Combination	Min			-521.417	-24.898	-9.574	-0.9509	-1.1659
4	3.5	INV_SLV	Combination	Min			-513.544	-24.898	-9.574	-0.9509	-14.6836
5	0.	INV_SLU	Combination	Max			-129.56	2.236	1.959	-0.6792	4.5049
5	0.7	INV_SLU	Combination	Max			-125.467	-1.964	1.959	-0.6792	3.1488
5	0.7	INV_SLU	Combination	Max			-136.02	4.26	1.945	-1.6075	1.2781
5	1.4	INV_SLU	Combination	Max			-131.926	1.031	1.945	-1.6075	0.006

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
5	1.4	INV_SLU	Combination	Max			-147.868	4.121	2.13	-1.028	-1.0487
5	1.75	INV_SLU	Combination	Max			-145.821	2.042	2.13	-1.028	-1.648
5	2.1	INV_SLU	Combination	Max			-143.774	1.506	2.13	-1.028	-2.2472
5	2.1	INV_SLU	Combination	Max			-166.338	5.288	2.513	-0.8672	-3.578
5	2.8	INV_SLU	Combination	Max			-162.245	2.758	2.513	-0.8672	-4.9744
5	2.8	INV_SLU	Combination	Max			-197.251	11.976	3.276	5.5633	-10.8961
5	3.5	INV_SLU	Combination	Max			-193.158	10.311	3.276	5.5633	-12.6927
5	0.	INV_SLU	Combination	Min			-250.481	-8.019	1.598	-0.9377	3.5567
5	0.7	INV_SLU	Combination	Min			-246.387	-8.019	1.598	-0.9377	2.413
5	0.7	INV_SLU	Combination	Min			-243.361	0.821	1.581	-2.1929	1.065
5	1.4	INV_SLU	Combination	Min			-239.267	0.06	1.581	-2.1929	-0.1116
5	1.4	INV_SLU	Combination	Min			-246.171	1.128	1.703	-1.4009	-1.5751
5	1.75	INV_SLU	Combination	Min			-244.124	1.128	1.703	-1.4009	-2.3185
5	2.1	INV_SLU	Combination	Min			-242.077	-0.079	1.703	-1.4009	-3.0619
5	2.1	INV_SLU	Combination	Min			-259.786	2.037	1.965	-1.1985	-4.8875
5	2.8	INV_SLU	Combination	Min			-255.692	1.088	1.965	-1.1985	-6.634
5	2.8	INV_SLU	Combination	Min			-291.904	7.769	2.525	4.1008	-14.6355
5	3.5	INV_SLU	Combination	Min			-287.81	6.344	2.525	4.1008	-16.9113
5	0.	INV_SLV	Combination	Max			1002.375	81.72	11.723	0.0851	17.707
5	0.7	INV_SLV	Combination	Max			1005.524	81.72	11.723	0.0851	9.6917
5	0.7	INV_SLV	Combination	Max			827.761	19.824	10.641	0.3329	11.3943
5	1.4	INV_SLV	Combination	Max			830.91	19.824	10.641	0.3329	4.182
5	1.4	INV_SLV	Combination	Max			671.856	14.098	9.576	1.0205	5.1653
5	1.75	INV_SLV	Combination	Max			673.43	14.098	9.576	1.0205	1.8985
5	2.1	INV_SLV	Combination	Max			675.005	14.098	9.576	1.0205	-0.3995
5	2.1	INV_SLV	Combination	Max			526.062	18.718	9.112	1.4571	-0.9278
5	2.8	INV_SLV	Combination	Max			529.211	18.718	9.112	1.4571	0.8384
5	2.8	INV_SLV	Combination	Max			383.977	21.8	9.395	4.7958	-1.0005
5	3.5	INV_SLV	Combination	Max			387.126	21.8	9.395	4.7958	3.3145
5	0.	INV_SLV	Combination	Min			-1278.691	-91.091	-9.927	-1.0259	-13.2824
5	0.7	INV_SLV	Combination	Min			-1275.542	-91.091	-9.927	-1.0259	-6.524
5	0.7	INV_SLV	Combination	Min			-1092.956	-18.85	-8.835	-2.5117	-10.1878
5	1.4	INV_SLV	Combination	Min			-1089.807	-18.85	-8.835	-2.5117	-4.2395
5	1.4	INV_SLV	Combination	Min			-936.775	-12.581	-7.558	-2.4094	-6.7598
5	1.75	INV_SLV	Combination	Min			-935.2	-12.581	-7.558	-2.4094	-4.1993
5	2.1	INV_SLV	Combination	Min			-933.626	-12.581	-7.558	-2.4094	-2.6077
5	2.1	INV_SLV	Combination	Min			-801.935	-16.005	-6.696	-2.622	-3.9714
5	2.8	INV_SLV	Combination	Min			-798.786	-16.005	-6.696	-2.622	-7.4289

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
5	2.8	INV_SLV	Combination	Min			-689.511	-11.13	-6.209	0.7563	-13.6354
5	3.5	INV_SLV	Combination	Min			-686.362	-11.13	-6.209	0.7563	-20.181
6	0.	INV_SLU	Combination	Max			-104.621	3.951	-2.136	0.9504	-4.3548
6	0.7	INV_SLU	Combination	Max			-100.527	-0.249	-2.136	0.9504	-2.8598
6	0.7	INV_SLU	Combination	Max			-114.736	4.592	-2.067	2.2999	-1.3725
6	1.4	INV_SLU	Combination	Max			-110.642	1.021	-2.067	2.2999	0.0743
6	1.4	INV_SLU	Combination	Max			-129.933	4.267	-2.051	1.6546	1.6614
6	1.75	INV_SLU	Combination	Max			-127.886	2.167	-2.051	1.6546	2.6787
6	2.1	INV_SLU	Combination	Max			-125.839	1.309	-2.051	1.6546	3.7006
6	2.1	INV_SLU	Combination	Max			-151.183	5.553	-2.11	1.5716	5.6632
6	2.8	INV_SLU	Combination	Max			-147.089	2.517	-2.11	1.5716	7.7823
6	2.8	INV_SLU	Combination	Max			-184.759	12.194	-2.594	-4.7779	17.5548
6	3.5	INV_SLU	Combination	Max			-180.665	9.824	-2.594	-4.7779	20.1381
6	0.	INV_SLU	Combination	Min			-232.918	-7.172	-3.061	0.6877	-6.2183
6	0.7	INV_SLU	Combination	Min			-228.824	-7.172	-3.061	0.6877	-4.0758
6	0.7	INV_SLU	Combination	Min			-226.541	0.735	-2.971	1.6637	-2.1087
6	1.4	INV_SLU	Combination	Min			-222.447	0.392	-2.971	1.6637	-0.0292
6	1.4	INV_SLU	Combination	Min			-229.384	0.958	-2.949	1.176	1.2764
6	1.75	INV_SLU	Combination	Min			-227.337	0.958	-2.949	1.176	2.0188
6	2.1	INV_SLU	Combination	Min			-225.29	0.067	-2.949	1.176	2.7535
6	2.1	INV_SLU	Combination	Min			-241.869	1.829	-3.027	1.0969	4.2189
6	2.8	INV_SLU	Combination	Min			-237.775	1.353	-3.027	1.0969	5.6961
6	2.8	INV_SLU	Combination	Min			-272.416	7.354	-3.69	-6.5998	12.8155
6	3.5	INV_SLU	Combination	Min			-268.322	7.103	-3.69	-6.5998	14.6311
6	0.	INV_SLV	Combination	Max			833.082	65.331	4.011	0.9933	11.0283
6	0.7	INV_SLV	Combination	Max			836.231	65.331	4.011	0.9933	8.2327
6	0.7	INV_SLV	Combination	Max			687.897	16.264	3.996	2.8474	8.5445
6	1.4	INV_SLV	Combination	Max			691.046	16.264	3.996	2.8474	5.764
6	1.4	INV_SLV	Combination	Max			551.214	12.424	3.859	2.7195	5.7434
6	1.75	INV_SLV	Combination	Max			552.788	12.424	3.859	2.7195	4.4103
6	2.1	INV_SLV	Combination	Max			554.363	12.424	3.859	2.7195	3.1283
6	2.1	INV_SLV	Combination	Max			415.922	17.537	3.59	2.8266	3.5112
6	2.8	INV_SLV	Combination	Max			419.071	17.537	3.59	2.8266	7.3207
6	2.8	INV_SLV	Combination	Max			278.118	24.454	3.282	-0.207	17.9837
6	3.5	INV_SLV	Combination	Max			281.267	24.454	3.282	-0.207	22.8437
6	0.	INV_SLV	Combination	Min			-1083.687	-73.126	-7.059	-0.0451	-17.2758
6	0.7	INV_SLV	Combination	Min			-1080.538	-73.126	-7.059	-0.0451	-12.3461
6	0.7	INV_SLV	Combination	Min			-929.61	-15.158	-6.953	-0.5492	-10.6509

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
6	1.4	INV_SLV	Combination	Min			-926.46	-15.158	-6.953	-0.5492	-5.8006
6	1.4	INV_SLV	Combination	Min			-793.882	-11.033	-6.794	-1.0701	-4.0844
6	1.75	INV_SLV	Combination	Min			-792.307	-11.033	-6.794	-1.0701	-1.7239
6	2.1	INV_SLV	Combination	Min			-790.733	-11.033	-6.794	-1.0701	0.5855
6	2.1	INV_SLV	Combination	Min			-669.54	-14.939	-6.606	-1.2814	2.2029
6	2.8	INV_SLV	Combination	Min			-666.391	-14.939	-6.606	-1.2814	0.505
6	2.8	INV_SLV	Combination	Min			-561.009	-14.102	-6.961	-6.3552	-0.4012
6	3.5	INV_SLV	Combination	Min			-557.86	-14.102	-6.961	-6.3552	-2.6857
7	0.	INV_SLU	Combination	Max			-704.004	-0.767	-11.893	-0.0078	-21.0147
7	1.75	INV_SLU	Combination	Max			-693.77	-0.767	-24.588	-0.0078	21.9653
7	3.5	INV_SLU	Combination	Max			-683.535	-0.767	-24.7	-0.0078	91.8412
7	0.	INV_SLU	Combination	Min			-938.084	-1.743	-37.411	-0.0495	-43.5039
7	1.75	INV_SLU	Combination	Min			-927.85	-1.743	-37.411	-0.0495	10.9058
7	3.5	INV_SLU	Combination	Min			-917.615	-1.743	-44.96	-0.0495	57.6972
7	0.	INV_SLV	Combination	Max			-476.974	55.502	-10.454	0.9266	-6.6742
7	1.75	INV_SLV	Combination	Max			-469.101	55.502	-10.454	0.9266	11.6282
7	3.5	INV_SLV	Combination	Max			-461.228	55.502	-10.454	0.9266	47.814
7	0.	INV_SLV	Combination	Min			-496.448	-57.302	-22.795	-0.9509	-31.9729
7	1.75	INV_SLV	Combination	Min			-488.575	-57.302	-22.795	-0.9509	7.911
7	3.5	INV_SLV	Combination	Min			-480.702	-57.302	-22.795	-0.9509	29.9116
8	0.	INV_SLU	Combination	Max			-1195.625	-0.728	4.708	-0.0078	5.236
8	1.75	INV_SLU	Combination	Max			-1185.39	-0.728	4.708	-0.0078	-2.0155
8	3.5	INV_SLU	Combination	Max			-1175.156	-0.728	4.708	-0.0078	-7.2532
8	0.	INV_SLU	Combination	Min			-1749.112	-1.296	2.99	-0.0495	3.2113
8	1.75	INV_SLU	Combination	Min			-1738.877	-1.296	2.99	-0.0495	-3.0058
8	3.5	INV_SLU	Combination	Min			-1728.643	-1.296	2.99	-0.0495	-11.2411
8	0.	INV_SLV	Combination	Max			-816.973	45.494	9.774	0.9266	16.677
8	1.75	INV_SLV	Combination	Max			-809.1	45.494	9.774	0.9266	-0.4245
8	3.5	INV_SLV	Combination	Max			-801.227	45.494	9.774	0.9266	7.6203
8	0.	INV_SLV	Combination	Min			-822.736	-47.064	-5.662	-0.9509	-12.1968
8	1.75	INV_SLV	Combination	Min			-814.864	-47.064	-5.662	-0.9509	-2.2917
8	3.5	INV_SLV	Combination	Min			-806.991	-47.064	-5.662	-0.9509	-17.5329
9	0.	INV_SLU	Combination	Max			-1126.007	-0.423	-0.444	-0.0078	-0.5504
9	1.75	INV_SLU	Combination	Max			-1115.772	-0.423	-0.444	-0.0078	0.3041
9	3.5	INV_SLU	Combination	Max			-1105.538	-0.423	-0.444	-0.0078	2.0397
9	0.	INV_SLU	Combination	Min			-1642.862	-1.031	-1.006	-0.0495	-1.4805
9	1.75	INV_SLU	Combination	Min			-1632.627	-1.031	-1.006	-0.0495	0.1858
9	3.5	INV_SLU	Combination	Min			-1622.393	-1.031	-1.006	-0.0495	1.0038

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
9	0.	INV_SLV	Combination	Max			-771.992	35.954	7.03	0.9266	13.509
9	1.75	INV_SLV	Combination	Max			-764.119	35.954	7.03	0.9266	1.2106
9	3.5	INV_SLV	Combination	Max			-756.247	35.954	7.03	0.9266	12.9057
9	0.	INV_SLV	Combination	Min			-772.742	-37.295	-7.915	-0.9509	-14.7975
9	1.75	INV_SLV	Combination	Min			-764.869	-37.295	-7.915	-0.9509	-0.9499
9	3.5	INV_SLV	Combination	Min			-756.997	-37.295	-7.915	-0.9509	-11.0957
10	0.	INV_SLU	Combination	Max			-1136.36	0.122	0.087	-0.0078	0.0623
10	1.75	INV_SLU	Combination	Max			-1126.125	0.122	0.087	-0.0078	-0.0895
10	3.5	INV_SLU	Combination	Max			-1115.891	0.122	0.087	-0.0078	0.2844
10	0.	INV_SLU	Combination	Min			-1658.406	-0.968	-0.257	-0.0495	-0.6167
10	1.75	INV_SLU	Combination	Min			-1648.172	-0.968	-0.257	-0.0495	-0.1662
10	3.5	INV_SLU	Combination	Min			-1637.937	-0.968	-0.257	-0.0495	-0.2414
10	0.	INV_SLV	Combination	Max			-778.124	26.991	7.454	0.9266	13.9984
10	1.75	INV_SLV	Combination	Max			-770.252	26.991	7.454	0.9266	0.9578
10	3.5	INV_SLV	Combination	Max			-762.379	26.991	7.454	0.9266	12.2626
10	0.	INV_SLV	Combination	Min			-780.478	-28.15	-7.641	-0.9509	-14.4812
10	1.75	INV_SLV	Combination	Min			-772.606	-28.15	-7.641	-0.9509	-1.1129
10	3.5	INV_SLV	Combination	Min			-764.733	-28.15	-7.641	-0.9509	-12.0899
11	0.	INV_SLU	Combination	Max			-1068.741	-5.202	0.046	-0.0078	0.0148
11	1.75	INV_SLU	Combination	Max			-1058.507	-5.202	0.046	-0.0078	-0.065
11	3.5	INV_SLU	Combination	Max			-1048.272	-5.202	0.046	-0.0078	0.3975
11	0.	INV_SLU	Combination	Min			-1571.357	-8.605	-0.306	-0.0495	-0.6724
11	1.75	INV_SLU	Combination	Min			-1561.123	-8.605	-0.306	-0.0495	-0.1374
11	3.5	INV_SLU	Combination	Min			-1550.888	-8.605	-0.306	-0.0495	-0.1447
11	0.	INV_SLV	Combination	Max			-661.373	19.497	7.29	0.9266	13.8097
11	1.75	INV_SLV	Combination	Max			-653.5	19.497	7.29	0.9266	1.0555
11	3.5	INV_SLV	Combination	Max			-645.628	19.497	7.29	0.9266	11.9883
11	0.	INV_SLV	Combination	Min			-801.765	-29.13	-7.524	-0.9509	-14.3459
11	1.75	INV_SLV	Combination	Min			-793.892	-29.13	-7.524	-0.9509	-1.183
11	3.5	INV_SLV	Combination	Min			-786.019	-29.13	-7.524	-0.9509	-11.7071
12	0.	INV_SLU	Combination	Max			-1073.16	-4.257	-0.062	-0.0078	-0.1095
12	1.75	INV_SLU	Combination	Max			-1062.926	-4.257	-0.062	-0.0078	-8.525E-04
12	3.5	INV_SLU	Combination	Max			-1052.691	-4.257	-0.062	-0.0078	0.7592
12	0.	INV_SLU	Combination	Min			-1578.45	-8.219	-0.46	-0.0495	-0.8504
12	1.75	INV_SLU	Combination	Min			-1568.216	-8.219	-0.46	-0.0495	-0.0456
12	3.5	INV_SLU	Combination	Min			-1557.981	-8.219	-0.46	-0.0495	0.1078
12	0.	INV_SLV	Combination	Max			-663.294	19.083	7.275	0.9266	13.7914
12	1.75	INV_SLV	Combination	Max			-655.421	19.083	7.275	0.9266	1.0659

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
12	3.5	INV_SLV	Combination	Max			-647.549	19.083	7.275	0.9266	12.3136
12	0.	INV_SLV	Combination	Min			-805.936	-28.159	-7.662	-0.9509	-14.5057
12	1.75	INV_SLV	Combination	Min			-798.063	-28.159	-7.662	-0.9509	-1.1015
12	3.5	INV_SLV	Combination	Min			-790.191	-28.159	-7.662	-0.9509	-11.6705
13	0.	INV_SLU	Combination	Max			0.	-79.019	6.505E-18	-1.6417	1.284E-17
13	0.4875	INV_SLU	Combination	Max			0.	-68.855	6.505E-18	-1.6417	1.030E-17
13	0.975	INV_SLU	Combination	Max			0.	-58.692	6.505E-18	-1.6417	7.763E-18
13	1.4625	INV_SLU	Combination	Max			0.	-48.528	6.505E-18	-1.6417	5.226E-18
13	1.95	INV_SLU	Combination	Max			0.	-38.365	6.505E-18	-1.6417	2.689E-18
13	2.4375	INV_SLU	Combination	Max			0.	-28.201	6.505E-18	-1.6417	1.518E-19
13	2.925	INV_SLU	Combination	Max			0.	-18.038	6.505E-18	-1.6417	-2.385E-18
13	3.4125	INV_SLU	Combination	Max			0.	-7.874	6.505E-18	-1.6417	-4.922E-18
13	3.9	INV_SLU	Combination	Max			0.	2.289	6.505E-18	-1.6417	-7.459E-18
13	4.3875	INV_SLU	Combination	Max			0.	12.453	6.505E-18	-1.6417	-9.996E-18
13	4.875	INV_SLU	Combination	Max			0.	22.616	6.505E-18	-1.6417	-1.253E-17
13	5.3625	INV_SLU	Combination	Max			0.	32.78	6.505E-18	-1.6417	-1.507E-17
13	5.85	INV_SLU	Combination	Max			0.	42.943	6.505E-18	-1.6417	-1.761E-17
13	6.3375	INV_SLU	Combination	Max			0.	53.107	6.505E-18	-1.6417	-2.014E-17
13	6.825	INV_SLU	Combination	Max			0.	63.271	6.505E-18	-1.6417	-2.268E-17
13	7.3125	INV_SLU	Combination	Max			0.	73.434	6.505E-18	-1.6417	-2.522E-17
13	7.8	INV_SLU	Combination	Max			0.	83.598	6.505E-18	-1.6417	-2.776E-17
13	0.	INV_SLU	Combination	Min			0.	-79.626	4.814E-18	-3.5096	-2.255E-18
13	0.4875	INV_SLU	Combination	Min			0.	-69.462	4.814E-18	-3.5096	-5.109E-18
13	0.975	INV_SLU	Combination	Min			0.	-59.299	4.814E-18	-3.5096	-7.963E-18
13	1.4625	INV_SLU	Combination	Min			0.	-49.135	4.814E-18	-3.5096	-1.082E-17
13	1.95	INV_SLU	Combination	Min			0.	-38.971	4.814E-18	-3.5096	-1.367E-17
13	2.4375	INV_SLU	Combination	Min			0.	-28.808	4.814E-18	-3.5096	-1.653E-17
13	2.925	INV_SLU	Combination	Min			0.	-18.644	4.814E-18	-3.5096	-1.938E-17
13	3.4125	INV_SLU	Combination	Min			0.	-8.481	4.814E-18	-3.5096	-2.223E-17
13	3.9	INV_SLU	Combination	Min			0.	1.683	4.814E-18	-3.5096	-2.509E-17
13	4.3875	INV_SLU	Combination	Min			0.	11.846	4.814E-18	-3.5096	-2.794E-17
13	4.875	INV_SLU	Combination	Min			0.	22.01	4.814E-18	-3.5096	-3.080E-17
13	5.3625	INV_SLU	Combination	Min			0.	32.173	4.814E-18	-3.5096	-3.365E-17
13	5.85	INV_SLU	Combination	Min			0.	42.337	4.814E-18	-3.5096	-3.651E-17
13	6.3375	INV_SLU	Combination	Min			0.	52.5	4.814E-18	-3.5096	-3.936E-17
13	6.825	INV_SLU	Combination	Min			0.	62.664	4.814E-18	-3.5096	-4.221E-17
13	7.3125	INV_SLU	Combination	Min			0.	72.827	4.814E-18	-3.5096	-4.507E-17
13	7.8	INV_SLU	Combination	Min			0.	82.991	4.814E-18	-3.5096	-4.792E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
13	0.	INV_SLV	Combination	Max			0.	-34.103	7.024E-17	-0.5061	5.012E-16
13	0.4875	INV_SLV	Combination	Max			0.	-27.035	7.024E-17	-0.5061	4.886E-16
13	0.975	INV_SLV	Combination	Max			0.	-19.967	7.024E-17	-0.5061	4.766E-16
13	1.4625	INV_SLV	Combination	Max			0.	-12.899	7.024E-17	-0.5061	4.652E-16
13	1.95	INV_SLV	Combination	Max			0.	-5.831	7.024E-17	-0.5061	4.545E-16
13	2.4375	INV_SLV	Combination	Max			0.	1.238	7.024E-17	-0.5061	4.481E-16
13	2.925	INV_SLV	Combination	Max			0.	8.306	7.024E-17	-0.5061	4.426E-16
13	3.4125	INV_SLV	Combination	Max			0.	15.374	7.024E-17	-0.5061	4.546E-16
13	3.9	INV_SLV	Combination	Max			0.	22.442	7.024E-17	-0.5061	4.783E-16
13	4.3875	INV_SLV	Combination	Max			0.	29.51	7.024E-17	-0.5061	5.024E-16
13	4.875	INV_SLV	Combination	Max			0.	36.578	7.024E-17	-0.5061	5.269E-16
13	5.3625	INV_SLV	Combination	Max			0.	43.646	7.024E-17	-0.5061	5.519E-16
13	5.85	INV_SLV	Combination	Max			0.	50.714	7.024E-17	-0.5061	5.773E-16
13	6.3375	INV_SLV	Combination	Max			0.	57.782	7.024E-17	-0.5061	6.030E-16
13	6.825	INV_SLV	Combination	Max			0.	64.851	7.024E-17	-0.5061	6.291E-16
13	7.3125	INV_SLV	Combination	Max			0.	71.919	7.024E-17	-0.5061	6.554E-16
13	7.8	INV_SLV	Combination	Max			0.	78.987	7.024E-17	-0.5061	6.821E-16
13	0.	INV_SLV	Combination	Min			0.	-76.011	-6.590E-17	-1.7052	-5.047E-16
13	0.4875	INV_SLV	Combination	Min			0.	-68.943	-6.590E-17	-1.7052	-4.941E-16
13	0.975	INV_SLV	Combination	Min			0.	-61.874	-6.590E-17	-1.7052	-4.843E-16
13	1.4625	INV_SLV	Combination	Min			0.	-54.806	-6.590E-17	-1.7052	-4.751E-16
13	1.95	INV_SLV	Combination	Min			0.	-47.738	-6.590E-17	-1.7052	-4.664E-16
13	2.4375	INV_SLV	Combination	Min			0.	-40.67	-6.590E-17	-1.7052	-4.621E-16
13	2.925	INV_SLV	Combination	Min			0.	-33.602	-6.590E-17	-1.7052	-4.588E-16
13	3.4125	INV_SLV	Combination	Min			0.	-26.534	-6.590E-17	-1.7052	-4.729E-16
13	3.9	INV_SLV	Combination	Min			0.	-19.466	-6.590E-17	-1.7052	-4.987E-16
13	4.3875	INV_SLV	Combination	Min			0.	-12.398	-6.590E-17	-1.7052	-5.249E-16
13	4.875	INV_SLV	Combination	Min			0.	-5.33	-6.590E-17	-1.7052	-5.516E-16
13	5.3625	INV_SLV	Combination	Min			0.	1.738	-6.590E-17	-1.7052	-5.786E-16
13	5.85	INV_SLV	Combination	Min			0.	8.807	-6.590E-17	-1.7052	-6.061E-16
13	6.3375	INV_SLV	Combination	Min			0.	15.875	-6.590E-17	-1.7052	-6.340E-16
13	6.825	INV_SLV	Combination	Min			0.	22.943	-6.590E-17	-1.7052	-6.621E-16
13	7.3125	INV_SLV	Combination	Min			0.	30.011	-6.590E-17	-1.7052	-6.906E-16
13	7.8	INV_SLV	Combination	Min			0.	37.079	-6.590E-17	-1.7052	-7.194E-16
14	0.	INV_SLU	Combination	Max			0.	-23.66	6.505E-18	0.4128	1.284E-17
14	0.4875	INV_SLU	Combination	Max			0.	-20.809	6.505E-18	0.4128	1.030E-17
14	0.975	INV_SLU	Combination	Max			0.	-17.958	6.505E-18	0.4128	7.763E-18
14	1.4625	INV_SLU	Combination	Max			0.	-15.107	6.505E-18	0.4128	5.226E-18

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
14	1.95	INV_SLU	Combination	Max			0.	-12.256	6.505E-18	0.4128	2.689E-18
14	2.4375	INV_SLU	Combination	Max			0.	-9.405	6.505E-18	0.4128	1.518E-19
14	2.925	INV_SLU	Combination	Max			0.	-6.554	6.505E-18	0.4128	-2.385E-18
14	3.4125	INV_SLU	Combination	Max			0.	-3.703	6.505E-18	0.4128	-4.922E-18
14	3.9	INV_SLU	Combination	Max			0.	-0.852	6.505E-18	0.4128	-7.459E-18
14	4.3875	INV_SLU	Combination	Max			0.	1.999	6.505E-18	0.4128	-9.996E-18
14	4.875	INV_SLU	Combination	Max			0.	4.85	6.505E-18	0.4128	-1.253E-17
14	5.3625	INV_SLU	Combination	Max			0.	7.701	6.505E-18	0.4128	-1.507E-17
14	5.85	INV_SLU	Combination	Max			0.	10.552	6.505E-18	0.4128	-1.761E-17
14	6.3375	INV_SLU	Combination	Max			0.	13.403	6.505E-18	0.4128	-2.014E-17
14	6.825	INV_SLU	Combination	Max			0.	16.254	6.505E-18	0.4128	-2.268E-17
14	7.3125	INV_SLU	Combination	Max			0.	19.105	6.505E-18	0.4128	-2.522E-17
14	7.8	INV_SLU	Combination	Max			0.	21.956	6.505E-18	0.4128	-2.776E-17
14	0.	INV_SLU	Combination	Min			0.	-24.558	4.814E-18	0.1822	-2.255E-18
14	0.4875	INV_SLU	Combination	Min			0.	-21.707	4.814E-18	0.1822	-5.109E-18
14	0.975	INV_SLU	Combination	Min			0.	-18.856	4.814E-18	0.1822	-7.963E-18
14	1.4625	INV_SLU	Combination	Min			0.	-16.005	4.814E-18	0.1822	-1.082E-17
14	1.95	INV_SLU	Combination	Min			0.	-13.154	4.814E-18	0.1822	-1.367E-17
14	2.4375	INV_SLU	Combination	Min			0.	-10.303	4.814E-18	0.1822	-1.653E-17
14	2.925	INV_SLU	Combination	Min			0.	-7.451	4.814E-18	0.1822	-1.938E-17
14	3.4125	INV_SLU	Combination	Min			0.	-4.6	4.814E-18	0.1822	-2.223E-17
14	3.9	INV_SLU	Combination	Min			0.	-1.749	4.814E-18	0.1822	-2.509E-17
14	4.3875	INV_SLU	Combination	Min			0.	1.102	4.814E-18	0.1822	-2.794E-17
14	4.875	INV_SLU	Combination	Min			0.	3.953	4.814E-18	0.1822	-3.080E-17
14	5.3625	INV_SLU	Combination	Min			0.	6.804	4.814E-18	0.1822	-3.365E-17
14	5.85	INV_SLU	Combination	Min			0.	9.655	4.814E-18	0.1822	-3.651E-17
14	6.3375	INV_SLU	Combination	Min			0.	12.506	4.814E-18	0.1822	-3.936E-17
14	6.825	INV_SLU	Combination	Min			0.	15.357	4.814E-18	0.1822	-4.221E-17
14	7.3125	INV_SLU	Combination	Min			0.	18.208	4.814E-18	0.1822	-4.507E-17
14	7.8	INV_SLU	Combination	Min			0.	21.059	4.814E-18	0.1822	-4.792E-17
14	0.	INV_SLV	Combination	Max			0.	-0.679	7.024E-17	0.4253	5.012E-16
14	0.4875	INV_SLV	Combination	Max			0.	1.515	7.024E-17	0.4253	4.886E-16
14	0.975	INV_SLV	Combination	Max			0.	3.708	7.024E-17	0.4253	4.766E-16
14	1.4625	INV_SLV	Combination	Max			0.	5.901	7.024E-17	0.4253	4.652E-16
14	1.95	INV_SLV	Combination	Max			0.	8.094	7.024E-17	0.4253	4.545E-16
14	2.4375	INV_SLV	Combination	Max			0.	10.287	7.024E-17	0.4253	4.481E-16
14	2.925	INV_SLV	Combination	Max			0.	12.48	7.024E-17	0.4253	4.426E-16
14	3.4125	INV_SLV	Combination	Max			0.	14.673	7.024E-17	0.4253	4.546E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
14	3.9	INV_SLV	Combination	Max			0.	16.866	7.024E-17	0.4253	4.783E-16
14	4.3875	INV_SLV	Combination	Max			0.	19.059	7.024E-17	0.4253	5.024E-16
14	4.875	INV_SLV	Combination	Max			0.	21.252	7.024E-17	0.4253	5.269E-16
14	5.3625	INV_SLV	Combination	Max			0.	23.446	7.024E-17	0.4253	5.519E-16
14	5.85	INV_SLV	Combination	Max			0.	25.639	7.024E-17	0.4253	5.773E-16
14	6.3375	INV_SLV	Combination	Max			0.	27.832	7.024E-17	0.4253	6.030E-16
14	6.825	INV_SLV	Combination	Max			0.	30.025	7.024E-17	0.4253	6.291E-16
14	7.3125	INV_SLV	Combination	Max			0.	32.218	7.024E-17	0.4253	6.554E-16
14	7.8	INV_SLV	Combination	Max			0.	34.411	7.024E-17	0.4253	6.821E-16
14	0.	INV_SLV	Combination	Min			0.	-35.613	-6.590E-17	-0.1851	-5.047E-16
14	0.4875	INV_SLV	Combination	Min			0.	-33.42	-6.590E-17	-0.1851	-4.941E-16
14	0.975	INV_SLV	Combination	Min			0.	-31.227	-6.590E-17	-0.1851	-4.843E-16
14	1.4625	INV_SLV	Combination	Min			0.	-29.034	-6.590E-17	-0.1851	-4.751E-16
14	1.95	INV_SLV	Combination	Min			0.	-26.841	-6.590E-17	-0.1851	-4.664E-16
14	2.4375	INV_SLV	Combination	Min			0.	-24.648	-6.590E-17	-0.1851	-4.621E-16
14	2.925	INV_SLV	Combination	Min			0.	-22.455	-6.590E-17	-0.1851	-4.588E-16
14	3.4125	INV_SLV	Combination	Min			0.	-20.261	-6.590E-17	-0.1851	-4.729E-16
14	3.9	INV_SLV	Combination	Min			0.	-18.068	-6.590E-17	-0.1851	-4.987E-16
14	4.3875	INV_SLV	Combination	Min			0.	-15.875	-6.590E-17	-0.1851	-5.249E-16
14	4.875	INV_SLV	Combination	Min			0.	-13.682	-6.590E-17	-0.1851	-5.516E-16
14	5.3625	INV_SLV	Combination	Min			0.	-11.489	-6.590E-17	-0.1851	-5.786E-16
14	5.85	INV_SLV	Combination	Min			0.	-9.296	-6.590E-17	-0.1851	-6.061E-16
14	6.3375	INV_SLV	Combination	Min			0.	-7.103	-6.590E-17	-0.1851	-6.340E-16
14	6.825	INV_SLV	Combination	Min			0.	-4.91	-6.590E-17	-0.1851	-6.621E-16
14	7.3125	INV_SLV	Combination	Min			0.	-2.717	-6.590E-17	-0.1851	-6.906E-16
14	7.8	INV_SLV	Combination	Min			0.	-0.524	-6.590E-17	-0.1851	-7.194E-16
15	0.	INV_SLU	Combination	Max			0.	-23.449	6.505E-18	-0.0051	1.284E-17
15	0.4875	INV_SLU	Combination	Max			0.	-20.598	6.505E-18	-0.0051	1.030E-17
15	0.975	INV_SLU	Combination	Max			0.	-17.746	6.505E-18	-0.0051	7.763E-18
15	1.4625	INV_SLU	Combination	Max			0.	-14.895	6.505E-18	-0.0051	5.226E-18
15	1.95	INV_SLU	Combination	Max			0.	-12.044	6.505E-18	-0.0051	2.689E-18
15	2.4375	INV_SLU	Combination	Max			0.	-9.193	6.505E-18	-0.0051	1.518E-19
15	2.925	INV_SLU	Combination	Max			0.	-6.342	6.505E-18	-0.0051	-2.385E-18
15	3.4125	INV_SLU	Combination	Max			0.	-3.491	6.505E-18	-0.0051	-4.922E-18
15	3.9	INV_SLU	Combination	Max			0.	-0.64	6.505E-18	-0.0051	-7.459E-18
15	4.3875	INV_SLU	Combination	Max			0.	2.211	6.505E-18	-0.0051	-9.996E-18
15	4.875	INV_SLU	Combination	Max			0.	5.062	6.505E-18	-0.0051	-1.253E-17
15	5.3625	INV_SLU	Combination	Max			0.	7.913	6.505E-18	-0.0051	-1.507E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
15	5.85	INV_SLU	Combination	Max			0.	10.764	6.505E-18	-0.0051	-1.761E-17
15	6.3375	INV_SLU	Combination	Max			0.	13.615	6.505E-18	-0.0051	-2.014E-17
15	6.825	INV_SLU	Combination	Max			0.	16.466	6.505E-18	-0.0051	-2.268E-17
15	7.3125	INV_SLU	Combination	Max			0.	19.317	6.505E-18	-0.0051	-2.522E-17
15	7.8	INV_SLU	Combination	Max			0.	22.168	6.505E-18	-0.0051	-2.776E-17
15	0.	INV_SLU	Combination	Min			0.	-24.433	4.814E-18	-0.0487	-2.255E-18
15	0.4875	INV_SLU	Combination	Min			0.	-21.582	4.814E-18	-0.0487	-5.109E-18
15	0.975	INV_SLU	Combination	Min			0.	-18.731	4.814E-18	-0.0487	-7.963E-18
15	1.4625	INV_SLU	Combination	Min			0.	-15.88	4.814E-18	-0.0487	-1.082E-17
15	1.95	INV_SLU	Combination	Min			0.	-13.029	4.814E-18	-0.0487	-1.367E-17
15	2.4375	INV_SLU	Combination	Min			0.	-10.178	4.814E-18	-0.0487	-1.653E-17
15	2.925	INV_SLU	Combination	Min			0.	-7.327	4.814E-18	-0.0487	-1.938E-17
15	3.4125	INV_SLU	Combination	Min			0.	-4.476	4.814E-18	-0.0487	-2.223E-17
15	3.9	INV_SLU	Combination	Min			0.	-1.625	4.814E-18	-0.0487	-2.509E-17
15	4.3875	INV_SLU	Combination	Min			0.	1.226	4.814E-18	-0.0487	-2.794E-17
15	4.875	INV_SLU	Combination	Min			0.	4.077	4.814E-18	-0.0487	-3.080E-17
15	5.3625	INV_SLU	Combination	Min			0.	6.929	4.814E-18	-0.0487	-3.365E-17
15	5.85	INV_SLU	Combination	Min			0.	9.78	4.814E-18	-0.0487	-3.651E-17
15	6.3375	INV_SLU	Combination	Min			0.	12.631	4.814E-18	-0.0487	-3.936E-17
15	6.825	INV_SLU	Combination	Min			0.	15.482	4.814E-18	-0.0487	-4.221E-17
15	7.3125	INV_SLU	Combination	Min			0.	18.333	4.814E-18	-0.0487	-4.507E-17
15	7.8	INV_SLU	Combination	Min			0.	21.184	4.814E-18	-0.0487	-4.792E-17
15	0.	INV_SLV	Combination	Max			0.	-3.981	7.024E-17	0.3368	5.012E-16
15	0.4875	INV_SLV	Combination	Max			0.	-1.788	7.024E-17	0.3368	4.886E-16
15	0.975	INV_SLV	Combination	Max			0.	0.405	7.024E-17	0.3368	4.766E-16
15	1.4625	INV_SLV	Combination	Max			0.	2.598	7.024E-17	0.3368	4.652E-16
15	1.95	INV_SLV	Combination	Max			0.	4.791	7.024E-17	0.3368	4.545E-16
15	2.4375	INV_SLV	Combination	Max			0.	6.984	7.024E-17	0.3368	4.481E-16
15	2.925	INV_SLV	Combination	Max			0.	9.177	7.024E-17	0.3368	4.426E-16
15	3.4125	INV_SLV	Combination	Max			0.	11.37	7.024E-17	0.3368	4.546E-16
15	3.9	INV_SLV	Combination	Max			0.	13.564	7.024E-17	0.3368	4.783E-16
15	4.3875	INV_SLV	Combination	Max			0.	15.757	7.024E-17	0.3368	5.024E-16
15	4.875	INV_SLV	Combination	Max			0.	17.95	7.024E-17	0.3368	5.269E-16
15	5.3625	INV_SLV	Combination	Max			0.	20.143	7.024E-17	0.3368	5.519E-16
15	5.85	INV_SLV	Combination	Max			0.	22.336	7.024E-17	0.3368	5.773E-16
15	6.3375	INV_SLV	Combination	Max			0.	24.529	7.024E-17	0.3368	6.030E-16
15	6.825	INV_SLV	Combination	Max			0.	26.722	7.024E-17	0.3368	6.291E-16
15	7.3125	INV_SLV	Combination	Max			0.	28.915	7.024E-17	0.3368	6.554E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
15	7.8	INV_SLV	Combination	Max			0.	31.108	7.024E-17	0.3368	6.821E-16
15	0.	INV_SLV	Combination	Min			0.	-32.177	-6.590E-17	-0.3586	-5.047E-16
15	0.4875	INV_SLV	Combination	Min			0.	-29.984	-6.590E-17	-0.3586	-4.941E-16
15	0.975	INV_SLV	Combination	Min			0.	-27.791	-6.590E-17	-0.3586	-4.843E-16
15	1.4625	INV_SLV	Combination	Min			0.	-25.598	-6.590E-17	-0.3586	-4.751E-16
15	1.95	INV_SLV	Combination	Min			0.	-23.405	-6.590E-17	-0.3586	-4.664E-16
15	2.4375	INV_SLV	Combination	Min			0.	-21.212	-6.590E-17	-0.3586	-4.621E-16
15	2.925	INV_SLV	Combination	Min			0.	-19.019	-6.590E-17	-0.3586	-4.588E-16
15	3.4125	INV_SLV	Combination	Min			0.	-16.826	-6.590E-17	-0.3586	-4.729E-16
15	3.9	INV_SLV	Combination	Min			0.	-14.633	-6.590E-17	-0.3586	-4.987E-16
15	4.3875	INV_SLV	Combination	Min			0.	-12.44	-6.590E-17	-0.3586	-5.249E-16
15	4.875	INV_SLV	Combination	Min			0.	-10.246	-6.590E-17	-0.3586	-5.516E-16
15	5.3625	INV_SLV	Combination	Min			0.	-8.053	-6.590E-17	-0.3586	-5.786E-16
15	5.85	INV_SLV	Combination	Min			0.	-5.86	-6.590E-17	-0.3586	-6.061E-16
15	6.3375	INV_SLV	Combination	Min			0.	-3.667	-6.590E-17	-0.3586	-6.340E-16
15	6.825	INV_SLV	Combination	Min			0.	-1.474	-6.590E-17	-0.3586	-6.621E-16
15	7.3125	INV_SLV	Combination	Min			0.	0.719	-6.590E-17	-0.3586	-6.906E-16
15	7.8	INV_SLV	Combination	Min			0.	2.912	-6.590E-17	-0.3586	-7.194E-16
16	0.	INV_SLU	Combination	Max			0.	-23.241	6.505E-18	0.1341	1.284E-17
16	0.4875	INV_SLU	Combination	Max			0.	-20.39	6.505E-18	0.1341	1.030E-17
16	0.975	INV_SLU	Combination	Max			0.	-17.539	6.505E-18	0.1341	7.763E-18
16	1.4625	INV_SLU	Combination	Max			0.	-14.688	6.505E-18	0.1341	5.226E-18
16	1.95	INV_SLU	Combination	Max			0.	-11.837	6.505E-18	0.1341	2.689E-18
16	2.4375	INV_SLU	Combination	Max			0.	-8.986	6.505E-18	0.1341	1.518E-19
16	2.925	INV_SLU	Combination	Max			0.	-6.135	6.505E-18	0.1341	-2.385E-18
16	3.4125	INV_SLU	Combination	Max			0.	-3.284	6.505E-18	0.1341	-4.922E-18
16	3.9	INV_SLU	Combination	Max			0.	-0.433	6.505E-18	0.1341	-7.459E-18
16	4.3875	INV_SLU	Combination	Max			0.	2.418	6.505E-18	0.1341	-9.996E-18
16	4.875	INV_SLU	Combination	Max			0.	5.269	6.505E-18	0.1341	-1.253E-17
16	5.3625	INV_SLU	Combination	Max			0.	8.12	6.505E-18	0.1341	-1.507E-17
16	5.85	INV_SLU	Combination	Max			0.	10.971	6.505E-18	0.1341	-1.761E-17
16	6.3375	INV_SLU	Combination	Max			0.	13.822	6.505E-18	0.1341	-2.014E-17
16	6.825	INV_SLU	Combination	Max			0.	16.673	6.505E-18	0.1341	-2.268E-17
16	7.3125	INV_SLU	Combination	Max			0.	19.524	6.505E-18	0.1341	-2.522E-17
16	7.8	INV_SLU	Combination	Max			0.	22.375	6.505E-18	0.1341	-2.776E-17
16	0.	INV_SLU	Combination	Min			0.	-24.343	4.814E-18	0.1011	-2.255E-18
16	0.4875	INV_SLU	Combination	Min			0.	-21.492	4.814E-18	0.1011	-5.109E-18
16	0.975	INV_SLU	Combination	Min			0.	-18.641	4.814E-18	0.1011	-7.963E-18

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
16	1.4625	INV_SLU	Combination	Min			0.	-15.79	4.814E-18	0.1011	-1.082E-17
16	1.95	INV_SLU	Combination	Min			0.	-12.939	4.814E-18	0.1011	-1.367E-17
16	2.4375	INV_SLU	Combination	Min			0.	-10.088	4.814E-18	0.1011	-1.653E-17
16	2.925	INV_SLU	Combination	Min			0.	-7.237	4.814E-18	0.1011	-1.938E-17
16	3.4125	INV_SLU	Combination	Min			0.	-4.386	4.814E-18	0.1011	-2.223E-17
16	3.9	INV_SLU	Combination	Min			0.	-1.535	4.814E-18	0.1011	-2.509E-17
16	4.3875	INV_SLU	Combination	Min			0.	1.316	4.814E-18	0.1011	-2.794E-17
16	4.875	INV_SLU	Combination	Min			0.	4.167	4.814E-18	0.1011	-3.080E-17
16	5.3625	INV_SLU	Combination	Min			0.	7.018	4.814E-18	0.1011	-3.365E-17
16	5.85	INV_SLU	Combination	Min			0.	9.869	4.814E-18	0.1011	-3.651E-17
16	6.3375	INV_SLU	Combination	Min			0.	12.72	4.814E-18	0.1011	-3.936E-17
16	6.825	INV_SLU	Combination	Min			0.	15.571	4.814E-18	0.1011	-4.221E-17
16	7.3125	INV_SLU	Combination	Min			0.	18.422	4.814E-18	0.1011	-4.507E-17
16	7.8	INV_SLU	Combination	Min			0.	21.273	4.814E-18	0.1011	-4.792E-17
16	0.	INV_SLV	Combination	Max			0.	-7.128	7.024E-17	0.5397	5.012E-16
16	0.4875	INV_SLV	Combination	Max			0.	-4.935	7.024E-17	0.5397	4.886E-16
16	0.975	INV_SLV	Combination	Max			0.	-2.742	7.024E-17	0.5397	4.766E-16
16	1.4625	INV_SLV	Combination	Max			0.	-0.549	7.024E-17	0.5397	4.652E-16
16	1.95	INV_SLV	Combination	Max			0.	1.644	7.024E-17	0.5397	4.545E-16
16	2.4375	INV_SLV	Combination	Max			0.	3.837	7.024E-17	0.5397	4.481E-16
16	2.925	INV_SLV	Combination	Max			0.	6.03	7.024E-17	0.5397	4.426E-16
16	3.4125	INV_SLV	Combination	Max			0.	8.223	7.024E-17	0.5397	4.546E-16
16	3.9	INV_SLV	Combination	Max			0.	10.416	7.024E-17	0.5397	4.783E-16
16	4.3875	INV_SLV	Combination	Max			0.	12.609	7.024E-17	0.5397	5.024E-16
16	4.875	INV_SLV	Combination	Max			0.	14.803	7.024E-17	0.5397	5.269E-16
16	5.3625	INV_SLV	Combination	Max			0.	16.996	7.024E-17	0.5397	5.519E-16
16	5.85	INV_SLV	Combination	Max			0.	19.189	7.024E-17	0.5397	5.773E-16
16	6.3375	INV_SLV	Combination	Max			0.	21.382	7.024E-17	0.5397	6.030E-16
16	6.825	INV_SLV	Combination	Max			0.	23.575	7.024E-17	0.5397	6.291E-16
16	7.3125	INV_SLV	Combination	Max			0.	25.768	7.024E-17	0.5397	6.554E-16
16	7.8	INV_SLV	Combination	Max			0.	27.961	7.024E-17	0.5397	6.821E-16
16	0.	INV_SLV	Combination	Min			0.	-28.895	-6.590E-17	-0.3978	-5.047E-16
16	0.4875	INV_SLV	Combination	Min			0.	-26.702	-6.590E-17	-0.3978	-4.941E-16
16	0.975	INV_SLV	Combination	Min			0.	-24.509	-6.590E-17	-0.3978	-4.843E-16
16	1.4625	INV_SLV	Combination	Min			0.	-22.316	-6.590E-17	-0.3978	-4.751E-16
16	1.95	INV_SLV	Combination	Min			0.	-20.123	-6.590E-17	-0.3978	-4.664E-16
16	2.4375	INV_SLV	Combination	Min			0.	-17.93	-6.590E-17	-0.3978	-4.621E-16
16	2.925	INV_SLV	Combination	Min			0.	-15.737	-6.590E-17	-0.3978	-4.588E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
16	3.4125	INV_SLV	Combination	Min			0.	-13.544	-6.590E-17	-0.3978	-4.729E-16
16	3.9	INV_SLV	Combination	Min			0.	-11.351	-6.590E-17	-0.3978	-4.987E-16
16	4.3875	INV_SLV	Combination	Min			0.	-9.158	-6.590E-17	-0.3978	-5.249E-16
16	4.875	INV_SLV	Combination	Min			0.	-6.964	-6.590E-17	-0.3978	-5.516E-16
16	5.3625	INV_SLV	Combination	Min			0.	-4.771	-6.590E-17	-0.3978	-5.786E-16
16	5.85	INV_SLV	Combination	Min			0.	-2.578	-6.590E-17	-0.3978	-6.061E-16
16	6.3375	INV_SLV	Combination	Min			0.	-0.385	-6.590E-17	-0.3978	-6.340E-16
16	6.825	INV_SLV	Combination	Min			0.	1.808	-6.590E-17	-0.3978	-6.621E-16
16	7.3125	INV_SLV	Combination	Min			0.	4.001	-6.590E-17	-0.3978	-6.906E-16
16	7.8	INV_SLV	Combination	Min			0.	6.194	-6.590E-17	-0.3978	-7.194E-16
17	0.	INV_SLU	Combination	Max			0.	18.499	4.763E-15	-8.5944	2.226E-15
17	0.36667	INV_SLU	Combination	Max			0.	20.644	4.763E-15	-8.5944	4.796E-16
17	0.73333	INV_SLU	Combination	Max			0.	22.788	4.763E-15	-8.5944	-9.559E-16
17	0.73333	INV_SLU	Combination	Max			0.	-2.537	2.376E-15	-4.3494	5.829E-16
17	1.1	INV_SLU	Combination	Max			0.	-0.393	2.376E-15	-4.3494	1.666E-15
17	1.46667	INV_SLU	Combination	Max			0.	1.751	2.376E-15	-4.3494	2.749E-15
17	1.46667	INV_SLU	Combination	Max			0.	0.707	1.998E-15	-1.2861	1.665E-16
17	1.83333	INV_SLU	Combination	Max			0.	2.851	1.998E-15	-1.2861	8.993E-16
17	2.2	INV_SLU	Combination	Max			0.	4.995	1.998E-15	-1.2861	1.632E-15
17	2.2	INV_SLU	Combination	Max			0.	-1.371	-1.155E-15	-0.5496	4.441E-17
17	2.53333	INV_SLU	Combination	Max			0.	0.579	-1.155E-15	-0.5496	2.339E-15
17	2.86667	INV_SLU	Combination	Max			0.	2.528	-1.155E-15	-0.5496	5.033E-15
17	2.86667	INV_SLU	Combination	Max			0.	1.154	0.	0.5289	6.439E-16
17	3.2	INV_SLU	Combination	Max			0.	3.103	0.	0.5289	1.088E-15
17	3.53333	INV_SLU	Combination	Max			0.	5.053	0.	0.5289	1.688E-15
17	3.53333	INV_SLU	Combination	Max			0.	24.514	3.331E-15	-0.2009	1.776E-15
17	3.86667	INV_SLU	Combination	Max			0.	26.464	3.331E-15	-0.2009	1.354E-15
17	4.2	INV_SLU	Combination	Max			0.	28.413	3.331E-15	-0.2009	9.326E-16
17	4.2	INV_SLU	Combination	Max			0.	-27.012	-1.943E-17	-0.0658	4.996E-17
17	4.65	INV_SLU	Combination	Max			0.	-24.38	-1.943E-17	-0.0658	5.974E-17
17	5.1	INV_SLU	Combination	Max			0.	-21.749	-1.943E-17	-0.0658	7.785E-17
17	5.55	INV_SLU	Combination	Max			0.	-19.117	-1.943E-17	-0.0658	9.596E-17
17	6.	INV_SLU	Combination	Max			0.	-16.485	-1.943E-17	-0.0658	1.141E-16
17	6.45	INV_SLU	Combination	Max			0.	-13.853	-1.943E-17	-0.0658	1.322E-16
17	6.9	INV_SLU	Combination	Max			0.	-11.222	-1.943E-17	-0.0658	1.503E-16
17	7.35	INV_SLU	Combination	Max			0.	-8.59	-1.943E-17	-0.0658	1.684E-16
17	7.8	INV_SLU	Combination	Max			0.	-5.958	-1.943E-17	-0.0658	1.865E-16
17	0.	INV_SLU	Combination	Min			0.	12.382	3.431E-15	-11.5723	1.293E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
17	0.36667	INV_SLU	Combination	Min			0.	14.526	3.431E-15	-11.5723	3.553E-17
17	0.73333	INV_SLU	Combination	Min			0.	16.671	3.431E-15	-11.5723	-1.409E-15
17	0.73333	INV_SLU	Combination	Min			0.	-4.801	-2.953E-15	-5.8543	2.498E-16
17	1.1	INV_SLU	Combination	Min			0.	-2.657	-2.953E-15	-5.8543	-6.214E-16
17	1.46667	INV_SLU	Combination	Min			0.	-0.513	-2.953E-15	-5.8543	-1.493E-15
17	1.46667	INV_SLU	Combination	Min			0.	-1.888	-1.998E-15	-1.7355	1.665E-16
17	1.83333	INV_SLU	Combination	Min			0.	0.256	-1.998E-15	-1.7355	-5.662E-16
17	2.2	INV_SLU	Combination	Min			0.	2.401	-1.998E-15	-1.7355	-1.299E-15
17	2.2	INV_SLU	Combination	Min			0.	-3.541	-8.082E-15	-0.7908	-6.217E-16
17	2.53333	INV_SLU	Combination	Min			0.	-1.591	-8.082E-15	-0.7908	4.293E-16
17	2.86667	INV_SLU	Combination	Min			0.	0.358	-8.082E-15	-0.7908	8.142E-16
17	2.86667	INV_SLU	Combination	Min			0.	-0.197	-1.865E-15	0.3249	1.443E-16
17	3.2	INV_SLU	Combination	Min			0.	1.752	-1.865E-15	0.3249	1.443E-16
17	3.53333	INV_SLU	Combination	Min			0.	3.702	-1.865E-15	0.3249	1.443E-16
17	3.53333	INV_SLU	Combination	Min			0.	15.875	1.266E-15	-0.3923	-5.218E-16
17	3.86667	INV_SLU	Combination	Min			0.	17.825	1.266E-15	-0.3923	-1.632E-15
17	4.2	INV_SLU	Combination	Min			0.	19.774	1.266E-15	-0.3923	-2.742E-15
17	4.2	INV_SLU	Combination	Min			0.	-38.728	-4.025E-17	-0.1753	-7.286E-17
17	4.65	INV_SLU	Combination	Min			0.	-36.096	-4.025E-17	-0.1753	-5.475E-17
17	5.1	INV_SLU	Combination	Min			0.	-33.464	-4.025E-17	-0.1753	-3.664E-17
17	5.55	INV_SLU	Combination	Min			0.	-30.832	-4.025E-17	-0.1753	-1.853E-17
17	6.	INV_SLU	Combination	Min			0.	-28.201	-4.025E-17	-0.1753	-4.163E-19
17	6.45	INV_SLU	Combination	Min			0.	-25.569	-4.025E-17	-0.1753	1.769E-17
17	6.9	INV_SLU	Combination	Min			0.	-22.937	-4.025E-17	-0.1753	3.372E-17
17	7.35	INV_SLU	Combination	Min			0.	-20.305	-4.025E-17	-0.1753	4.247E-17
17	7.8	INV_SLU	Combination	Min			0.	-17.674	-4.025E-17	-0.1753	5.121E-17
17	0.	INV_SLV	Combination	Max			0.	29.631	2.413E-13	0.0762	5.835E-14
17	0.36667	INV_SLV	Combination	Max			0.	31.281	2.413E-13	0.0762	4.612E-14
17	0.73333	INV_SLV	Combination	Max			0.	32.93	2.413E-13	0.0762	1.282E-13
17	0.73333	INV_SLV	Combination	Max			0.	25.636	5.245E-14	-0.6979	2.054E-14
17	1.1	INV_SLV	Combination	Max			0.	27.286	5.245E-14	-0.6979	3.145E-14
17	1.46667	INV_SLV	Combination	Max			0.	28.935	5.245E-14	-0.6979	4.703E-14
17	1.46667	INV_SLV	Combination	Max			0.	43.834	1.528E-13	-0.0932	6.343E-14
17	1.83333	INV_SLV	Combination	Max			0.	45.484	1.528E-13	-0.0932	3.200E-14
17	2.2	INV_SLV	Combination	Max			0.	47.133	1.528E-13	-0.0932	6.557E-14
17	2.2	INV_SLV	Combination	Max			0.	46.279	1.462E-13	0.4635	5.360E-14
17	2.53333	INV_SLV	Combination	Max			0.	47.779	1.462E-13	0.4635	4.956E-14
17	2.86667	INV_SLV	Combination	Max			0.	49.278	1.462E-13	0.4635	8.208E-14

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
17	2.86667	INV_SLV	Combination	Max			0.	26.331	8.854E-14	2.256	3.977E-14
17	3.2	INV_SLV	Combination	Max			0.	27.83	8.854E-14	2.256	3.717E-14
17	3.53333	INV_SLV	Combination	Max			0.	29.33	8.854E-14	2.256	5.215E-14
17	3.53333	INV_SLV	Combination	Max			0.	37.827	6.237E-14	1.1561	4.106E-14
17	3.86667	INV_SLV	Combination	Max			0.	39.326	6.237E-14	1.1561	4.988E-14
17	4.2	INV_SLV	Combination	Max			0.	40.826	6.237E-14	1.1561	6.102E-14
17	4.2	INV_SLV	Combination	Max			0.	18.75	8.927E-16	2.6256	2.647E-15
17	4.65	INV_SLV	Combination	Max			0.	20.774	8.927E-16	2.6256	2.320E-15
17	5.1	INV_SLV	Combination	Max			0.	22.799	8.927E-16	2.6256	2.015E-15
17	5.55	INV_SLV	Combination	Max			0.	24.823	8.927E-16	2.6256	1.782E-15
17	6.	INV_SLV	Combination	Max			0.	26.847	8.927E-16	2.6256	1.772E-15
17	6.45	INV_SLV	Combination	Max			0.	28.872	8.927E-16	2.6256	1.814E-15
17	6.9	INV_SLV	Combination	Max			0.	30.896	8.927E-16	2.6256	1.921E-15
17	7.35	INV_SLV	Combination	Max			0.	32.921	8.927E-16	2.6256	2.093E-15
17	7.8	INV_SLV	Combination	Max			0.	34.945	8.927E-16	2.6256	2.310E-15
17	0.	INV_SLV	Combination	Min			0.	-13.313	-2.367E-13	-11.6313	-5.713E-14
17	0.36667	INV_SLV	Combination	Min			0.	-11.664	-2.367E-13	-11.6313	-4.661E-14
17	0.73333	INV_SLV	Combination	Min			0.	-10.014	-2.367E-13	-11.6313	-1.304E-13
17	0.73333	INV_SLV	Combination	Min			0.	-31.84	-4.934E-14	-5.1734	-1.976E-14
17	1.1	INV_SLV	Combination	Min			0.	-30.19	-4.934E-14	-5.1734	-3.181E-14
17	1.46667	INV_SLV	Combination	Min			0.	-28.541	-4.934E-14	-5.1734	-4.853E-14
17	1.46667	INV_SLV	Combination	Min			0.	-47.318	-1.520E-13	-1.6779	-6.320E-14
17	1.83333	INV_SLV	Combination	Min			0.	-45.669	-1.520E-13	-1.6779	-3.210E-14
17	2.2	INV_SLV	Combination	Min			0.	-44.019	-1.520E-13	-1.6779	-6.600E-14
17	2.2	INV_SLV	Combination	Min			0.	-51.032	-1.515E-13	-1.2569	-5.360E-14
17	2.53333	INV_SLV	Combination	Min			0.	-49.532	-1.515E-13	-1.2569	-4.779E-14
17	2.86667	INV_SLV	Combination	Min			0.	-48.033	-1.515E-13	-1.2569	-7.852E-14
17	2.86667	INV_SLV	Combination	Min			0.	-27.117	-9.209E-14	-1.7544	-3.955E-14
17	3.2	INV_SLV	Combination	Min			0.	-25.617	-9.209E-14	-1.7544	-3.577E-14
17	3.53333	INV_SLV	Combination	Min			0.	-24.118	-9.209E-14	-1.7544	-4.956E-14
17	3.53333	INV_SLV	Combination	Min			0.	-15.958	-6.148E-14	-1.5331	-3.995E-14
17	3.86667	INV_SLV	Combination	Min			0.	-14.458	-6.148E-14	-1.5331	-4.906E-14
17	4.2	INV_SLV	Combination	Min			0.	-12.959	-6.148E-14	-1.5331	-6.051E-14
17	4.2	INV_SLV	Combination	Min			0.	-59.471	-9.482E-16	-2.772	-2.703E-15
17	4.65	INV_SLV	Combination	Min			0.	-57.447	-9.482E-16	-2.772	-2.350E-15
17	5.1	INV_SLV	Combination	Min			0.	-55.423	-9.482E-16	-2.772	-2.020E-15
17	5.55	INV_SLV	Combination	Min			0.	-53.398	-9.482E-16	-2.772	-1.763E-15
17	6.	INV_SLV	Combination	Min			0.	-51.374	-9.482E-16	-2.772	-1.728E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
17	6.45	INV_SLV	Combination	Min			0.	-49.349	-9.482E-16	-2.772	-1.745E-15
17	6.9	INV_SLV	Combination	Min			0.	-47.325	-9.482E-16	-2.772	-1.826E-15
17	7.35	INV_SLV	Combination	Min			0.	-45.301	-9.482E-16	-2.772	-1.974E-15
17	7.8	INV_SLV	Combination	Min			0.	-43.276	-9.482E-16	-2.772	-2.166E-15
18	0.	INV_SLU	Combination	Max			0.	18.381	4.052E-15	14.271	1.715E-15
18	0.35	INV_SLU	Combination	Max			0.	20.428	4.052E-15	14.271	8.299E-16
18	0.7	INV_SLU	Combination	Max			0.	22.475	4.052E-15	14.271	1.277E-15
18	0.7	INV_SLU	Combination	Max			0.	-1.933	6.017E-15	6.9666	-2.998E-16
18	1.05	INV_SLU	Combination	Max			0.	0.114	6.017E-15	6.9666	-1.114E-15
18	1.4	INV_SLU	Combination	Max			0.	2.161	6.017E-15	6.9666	-1.261E-15
18	1.4	INV_SLU	Combination	Max			0.	-0.092	3.464E-15	2.3906	-6.661E-16
18	1.75	INV_SLU	Combination	Max			0.	1.955	3.464E-15	2.3906	-1.066E-15
18	2.1	INV_SLU	Combination	Max			0.	4.002	3.464E-15	2.3906	-1.332E-16
18	2.1	INV_SLU	Combination	Max			0.	-0.994	8.349E-15	1.4417	9.992E-16
18	2.45	INV_SLU	Combination	Max			0.	1.053	8.349E-15	1.4417	-1.510E-16
18	2.8	INV_SLU	Combination	Max			0.	3.1	8.349E-15	1.4417	-1.168E-15
18	2.8	INV_SLU	Combination	Max			0.	3.589	3.331E-15	0.4198	-3.553E-16
18	3.15	INV_SLU	Combination	Max			0.	5.636	3.331E-15	0.4198	-7.949E-16
18	3.5	INV_SLU	Combination	Max			0.	7.683	3.331E-15	0.4198	-1.168E-15
18	3.5	INV_SLU	Combination	Max			0.	33.953	6.595E-15	0.3543	3.553E-16
18	3.85	INV_SLU	Combination	Max			0.	36.	6.595E-15	0.3543	-1.160E-15
18	4.2	INV_SLU	Combination	Max			0.	38.047	6.595E-15	0.3543	-2.676E-15
18	4.2	INV_SLU	Combination	Max			0.	-24.269	-1.943E-17	-0.0231	4.996E-17
18	4.65	INV_SLU	Combination	Max			0.	-21.637	-1.943E-17	-0.0231	5.974E-17
18	5.1	INV_SLU	Combination	Max			0.	-19.005	-1.943E-17	-0.0231	7.785E-17
18	5.55	INV_SLU	Combination	Max			0.	-16.374	-1.943E-17	-0.0231	9.596E-17
18	6.	INV_SLU	Combination	Max			0.	-13.742	-1.943E-17	-0.0231	1.141E-16
18	6.45	INV_SLU	Combination	Max			0.	-11.11	-1.943E-17	-0.0231	1.322E-16
18	6.9	INV_SLU	Combination	Max			0.	-8.478	-1.943E-17	-0.0231	1.503E-16
18	7.35	INV_SLU	Combination	Max			0.	-5.847	-1.943E-17	-0.0231	1.684E-16
18	7.8	INV_SLU	Combination	Max			0.	-3.215	-1.943E-17	-0.0231	1.865E-16
18	0.	INV_SLU	Combination	Min			0.	12.179	-1.277E-15	10.3344	-2.831E-16
18	0.35	INV_SLU	Combination	Min			0.	14.226	-1.277E-15	10.3344	-5.290E-16
18	0.7	INV_SLU	Combination	Min			0.	16.273	-1.277E-15	10.3344	-1.574E-15
18	0.7	INV_SLU	Combination	Min			0.	-4.43	4.219E-16	5.0871	-1.366E-15
18	1.05	INV_SLU	Combination	Min			0.	-2.383	4.219E-16	5.0871	-3.072E-15
18	1.4	INV_SLU	Combination	Min			0.	-0.336	4.219E-16	5.0871	-5.178E-15
18	1.4	INV_SLU	Combination	Min			0.	-2.232	-2.665E-15	1.8121	-2.132E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
18	1.75	INV_SLU	Combination	Min			0.	-0.185	-2.665E-15	1.8121	-2.545E-15
18	2.1	INV_SLU	Combination	Min			0.	1.862	-2.665E-15	1.8121	-3.757E-15
18	2.1	INV_SLU	Combination	Min			0.	-3.467	2.620E-15	1.1419	6.661E-16
18	2.45	INV_SLU	Combination	Min			0.	-1.42	2.620E-15	1.1419	-2.116E-15
18	2.8	INV_SLU	Combination	Min			0.	0.627	2.620E-15	1.1419	-4.978E-15
18	2.8	INV_SLU	Combination	Min			0.	1.561	1.066E-15	0.3844	-5.218E-16
18	3.15	INV_SLU	Combination	Min			0.	3.608	1.066E-15	0.3844	-1.688E-15
18	3.5	INV_SLU	Combination	Min			0.	5.655	1.066E-15	0.3844	-2.853E-15
18	3.5	INV_SLU	Combination	Min			0.	19.089	3.331E-15	0.1268	-1.610E-15
18	3.85	INV_SLU	Combination	Min			0.	21.135	3.331E-15	0.1268	-3.708E-15
18	4.2	INV_SLU	Combination	Min			0.	23.182	3.331E-15	0.1268	-5.806E-15
18	4.2	INV_SLU	Combination	Min			0.	-36.07	-4.025E-17	-0.0598	-7.286E-17
18	4.65	INV_SLU	Combination	Min			0.	-33.439	-4.025E-17	-0.0598	-5.475E-17
18	5.1	INV_SLU	Combination	Min			0.	-30.807	-4.025E-17	-0.0598	-3.664E-17
18	5.55	INV_SLU	Combination	Min			0.	-28.175	-4.025E-17	-0.0598	-1.853E-17
18	6.	INV_SLU	Combination	Min			0.	-25.543	-4.025E-17	-0.0598	-4.163E-19
18	6.45	INV_SLU	Combination	Min			0.	-22.912	-4.025E-17	-0.0598	1.769E-17
18	6.9	INV_SLU	Combination	Min			0.	-20.28	-4.025E-17	-0.0598	3.372E-17
18	7.35	INV_SLU	Combination	Min			0.	-17.648	-4.025E-17	-0.0598	4.247E-17
18	7.8	INV_SLU	Combination	Min			0.	-15.017	-4.025E-17	-0.0598	5.121E-17
18	0.	INV_SLV	Combination	Max			0.	27.747	9.333E-14	14.9908	2.370E-14
18	0.35	INV_SLV	Combination	Max			0.	29.322	9.333E-14	14.9908	2.289E-14
18	0.7	INV_SLV	Combination	Max			0.	30.896	9.333E-14	14.9908	4.538E-14
18	0.7	INV_SLV	Combination	Max			0.	20.919	1.316E-13	6.8952	7.242E-14
18	1.05	INV_SLV	Combination	Max			0.	22.493	1.316E-13	6.8952	3.026E-14
18	1.4	INV_SLV	Combination	Max			0.	24.068	1.316E-13	6.8952	3.551E-14
18	1.4	INV_SLV	Combination	Max			0.	24.313	5.113E-14	2.1404	3.352E-14
18	1.75	INV_SLV	Combination	Max			0.	25.888	5.113E-14	2.1404	4.869E-14
18	2.1	INV_SLV	Combination	Max			0.	27.462	5.113E-14	2.1404	6.544E-14
18	2.1	INV_SLV	Combination	Max			0.	23.618	8.175E-14	1.7303	2.475E-14
18	2.45	INV_SLV	Combination	Max			0.	25.193	8.175E-14	1.7303	1.728E-14
18	2.8	INV_SLV	Combination	Max			0.	26.767	8.175E-14	1.7303	3.226E-14
18	2.8	INV_SLV	Combination	Max			0.	11.408	1.429E-13	3.1056	3.170E-14
18	3.15	INV_SLV	Combination	Max			0.	12.982	1.429E-13	3.1056	6.073E-14
18	3.5	INV_SLV	Combination	Max			0.	14.557	1.429E-13	3.1056	1.095E-13
18	3.5	INV_SLV	Combination	Max			0.	65.848	6.767E-14	7.9031	3.154E-14
18	3.85	INV_SLV	Combination	Max			0.	67.422	6.767E-14	7.9031	3.653E-14
18	4.2	INV_SLV	Combination	Max			0.	68.997	6.767E-14	7.9031	5.366E-14

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
18	4.2	INV_SLV	Combination	Max			0.	19.814	8.927E-16	1.2132	2.647E-15
18	4.65	INV_SLV	Combination	Max			0.	21.838	8.927E-16	1.2132	2.320E-15
18	5.1	INV_SLV	Combination	Max			0.	23.863	8.927E-16	1.2132	2.015E-15
18	5.55	INV_SLV	Combination	Max			0.	25.887	8.927E-16	1.2132	1.782E-15
18	6.	INV_SLV	Combination	Max			0.	27.911	8.927E-16	1.2132	1.772E-15
18	6.45	INV_SLV	Combination	Max			0.	29.936	8.927E-16	1.2132	1.814E-15
18	6.9	INV_SLV	Combination	Max			0.	31.96	8.927E-16	1.2132	1.921E-15
18	7.35	INV_SLV	Combination	Max			0.	33.985	8.927E-16	1.2132	2.093E-15
18	7.8	INV_SLV	Combination	Max			0.	36.009	8.927E-16	1.2132	2.310E-15
18	0.	INV_SLV	Combination	Min			0.	-11.507	-9.133E-14	-0.805	-2.314E-14
18	0.35	INV_SLV	Combination	Min			0.	-9.932	-9.133E-14	-0.805	-2.304E-14
18	0.7	INV_SLV	Combination	Min			0.	-8.358	-9.133E-14	-0.805	-4.623E-14
18	0.7	INV_SLV	Combination	Min			0.	-26.384	-1.294E-13	0.0897	-7.286E-14
18	1.05	INV_SLV	Combination	Min			0.	-24.81	-1.294E-13	0.0897	-3.148E-14
18	1.4	INV_SLV	Combination	Min			0.	-23.235	-1.294E-13	0.0897	-3.750E-14
18	1.4	INV_SLV	Combination	Min			0.	-27.551	-5.113E-14	0.3458	-3.441E-14
18	1.75	INV_SLV	Combination	Min			0.	-25.977	-5.113E-14	0.3458	-4.958E-14
18	2.1	INV_SLV	Combination	Min			0.	-24.402	-5.113E-14	0.3458	-6.633E-14
18	2.1	INV_SLV	Combination	Min			0.	-28.07	-7.820E-14	-0.1741	-2.386E-14
18	2.45	INV_SLV	Combination	Min			0.	-26.495	-7.820E-14	-0.1741	-1.764E-14
18	2.8	INV_SLV	Combination	Min			0.	-24.921	-7.820E-14	-0.1741	-3.386E-14
18	2.8	INV_SLV	Combination	Min			0.	-9.49	-1.420E-13	-2.5709	-3.236E-14
18	3.15	INV_SLV	Combination	Min			0.	-7.915	-1.420E-13	-2.5709	-6.171E-14
18	3.5	INV_SLV	Combination	Min			0.	-6.341	-1.420E-13	-2.5709	-1.108E-13
18	3.5	INV_SLV	Combination	Min			0.	-35.502	-6.322E-14	-7.5574	-3.176E-14
18	3.85	INV_SLV	Combination	Min			0.	-33.928	-6.322E-14	-7.5574	-3.830E-14
18	4.2	INV_SLV	Combination	Min			0.	-32.353	-6.322E-14	-7.5574	-5.700E-14
18	4.2	INV_SLV	Combination	Min			0.	-57.741	-9.482E-16	-1.3352	-2.703E-15
18	4.65	INV_SLV	Combination	Min			0.	-55.717	-9.482E-16	-1.3352	-2.350E-15
18	5.1	INV_SLV	Combination	Min			0.	-53.692	-9.482E-16	-1.3352	-2.020E-15
18	5.55	INV_SLV	Combination	Min			0.	-51.668	-9.482E-16	-1.3352	-1.763E-15
18	6.	INV_SLV	Combination	Min			0.	-49.644	-9.482E-16	-1.3352	-1.728E-15
18	6.45	INV_SLV	Combination	Min			0.	-47.619	-9.482E-16	-1.3352	-1.745E-15
18	6.9	INV_SLV	Combination	Min			0.	-45.595	-9.482E-16	-1.3352	-1.826E-15
18	7.35	INV_SLV	Combination	Min			0.	-43.57	-9.482E-16	-1.3352	-1.974E-15
18	7.8	INV_SLV	Combination	Min			0.	-41.546	-9.482E-16	-1.3352	-2.166E-15
19	0.	INV_SLU	Combination	Max			0.	-164.997	-1.041E-17	-1.2296	-1.804E-17
19	0.49231	INV_SLU	Combination	Max			0.	-136.877	-1.041E-17	-1.2296	-1.292E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
19	0.98462	INV_SLU	Combination	Max			0.	-108.757	-1.041E-17	-1.2296	-7.793E-18
19	1.47692	INV_SLU	Combination	Max			0.	-80.638	-1.041E-17	-1.2296	-2.669E-18
19	1.96923	INV_SLU	Combination	Max			0.	-52.518	-1.041E-17	-1.2296	2.455E-18
19	2.46154	INV_SLU	Combination	Max			0.	-24.398	-1.041E-17	-1.2296	7.579E-18
19	2.95385	INV_SLU	Combination	Max			0.	4.58	-1.041E-17	-1.2296	1.270E-17
19	3.44615	INV_SLU	Combination	Max			0.	42.78	-1.041E-17	-1.2296	2.019E-17
19	3.93846	INV_SLU	Combination	Max			0.	80.979	-1.041E-17	-1.2296	3.940E-17
19	4.43077	INV_SLU	Combination	Max			0.	119.179	-1.041E-17	-1.2296	5.862E-17
19	4.92308	INV_SLU	Combination	Max			0.	157.379	-1.041E-17	-1.2296	7.784E-17
19	5.41538	INV_SLU	Combination	Max			0.	195.579	-1.041E-17	-1.2296	9.705E-17
19	5.90769	INV_SLU	Combination	Max			0.	233.778	-1.041E-17	-1.2296	1.163E-16
19	6.4	INV_SLU	Combination	Max			0.	271.978	-1.041E-17	-1.2296	1.355E-16
19	0.	INV_SLU	Combination	Min			0.	-224.684	-3.903E-17	-1.2846	-1.143E-16
19	0.49231	INV_SLU	Combination	Min			0.	-186.484	-3.903E-17	-1.2846	-9.510E-17
19	0.98462	INV_SLU	Combination	Min			0.	-148.285	-3.903E-17	-1.2846	-7.589E-17
19	1.47692	INV_SLU	Combination	Min			0.	-110.085	-3.903E-17	-1.2846	-5.667E-17
19	1.96923	INV_SLU	Combination	Min			0.	-71.885	-3.903E-17	-1.2846	-3.746E-17
19	2.46154	INV_SLU	Combination	Min			0.	-33.685	-3.903E-17	-1.2846	-1.824E-17
19	2.95385	INV_SLU	Combination	Min			0.	3.613	-3.903E-17	-1.2846	9.741E-19
19	3.44615	INV_SLU	Combination	Min			0.	31.732	-3.903E-17	-1.2846	1.667E-17
19	3.93846	INV_SLU	Combination	Min			0.	59.852	-3.903E-17	-1.2846	2.282E-17
19	4.43077	INV_SLU	Combination	Min			0.	87.972	-3.903E-17	-1.2846	2.808E-17
19	4.92308	INV_SLU	Combination	Min			0.	116.092	-3.903E-17	-1.2846	3.320E-17
19	5.41538	INV_SLU	Combination	Min			0.	144.211	-3.903E-17	-1.2846	3.832E-17
19	5.90769	INV_SLU	Combination	Min			0.	172.331	-3.903E-17	-1.2846	4.345E-17
19	6.4	INV_SLU	Combination	Min			0.	200.451	-3.903E-17	-1.2846	4.857E-17
19	0.	INV_SLV	Combination	Max			0.	-104.953	7.453E-16	0.1549	1.687E-15
19	0.49231	INV_SLV	Combination	Max			0.	-85.912	7.453E-16	0.1549	1.329E-15
19	0.98462	INV_SLV	Combination	Max			0.	-66.87	7.453E-16	0.1549	9.711E-16
19	1.47692	INV_SLV	Combination	Max			0.	-47.828	7.453E-16	0.1549	8.050E-16
19	1.96923	INV_SLV	Combination	Max			0.	-28.786	7.453E-16	0.1549	1.104E-15
19	2.46154	INV_SLV	Combination	Max			0.	-9.744	7.453E-16	0.1549	1.464E-15
19	2.95385	INV_SLV	Combination	Max			0.	9.297	7.453E-16	0.1549	1.829E-15
19	3.44615	INV_SLV	Combination	Max			0.	28.339	7.453E-16	0.1549	2.194E-15
19	3.93846	INV_SLV	Combination	Max			0.	47.381	7.453E-16	0.1549	2.559E-15
19	4.43077	INV_SLV	Combination	Max			0.	66.423	7.453E-16	0.1549	2.925E-15
19	4.92308	INV_SLV	Combination	Max			0.	85.465	7.453E-16	0.1549	3.290E-15
19	5.41538	INV_SLV	Combination	Max			0.	104.507	7.453E-16	0.1549	3.656E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
19	5.90769	INV_SLV	Combination	Max			0.	123.548	7.453E-16	0.1549	4.022E-15
19	6.4	INV_SLV	Combination	Max			0.	142.59	7.453E-16	0.1549	4.389E-15
19	0.	INV_SLV	Combination	Min			0.	-118.76	-7.661E-16	-1.8546	-1.742E-15
19	0.49231	INV_SLV	Combination	Min			0.	-99.719	-7.661E-16	-1.8546	-1.374E-15
19	0.98462	INV_SLV	Combination	Min			0.	-80.677	-7.661E-16	-1.8546	-1.006E-15
19	1.47692	INV_SLV	Combination	Min			0.	-61.635	-7.661E-16	-1.8546	-8.298E-16
19	1.96923	INV_SLV	Combination	Min			0.	-42.593	-7.661E-16	-1.8546	-1.118E-15
19	2.46154	INV_SLV	Combination	Min			0.	-23.551	-7.661E-16	-1.8546	-1.468E-15
19	2.95385	INV_SLV	Combination	Min			0.	-4.509	-7.661E-16	-1.8546	-1.823E-15
19	3.44615	INV_SLV	Combination	Min			0.	14.532	-7.661E-16	-1.8546	-2.178E-15
19	3.93846	INV_SLV	Combination	Min			0.	33.574	-7.661E-16	-1.8546	-2.533E-15
19	4.43077	INV_SLV	Combination	Min			0.	52.616	-7.661E-16	-1.8546	-2.888E-15
19	4.92308	INV_SLV	Combination	Min			0.	71.658	-7.661E-16	-1.8546	-3.243E-15
19	5.41538	INV_SLV	Combination	Min			0.	90.7	-7.661E-16	-1.8546	-3.599E-15
19	5.90769	INV_SLV	Combination	Min			0.	109.741	-7.661E-16	-1.8546	-3.955E-15
19	6.4	INV_SLV	Combination	Min			0.	128.783	-7.661E-16	-1.8546	-4.311E-15
20	0.	INV_SLU	Combination	Max			0.	-185.513	7.112E-18	0.0274	2.984E-17
20	0.49231	INV_SLU	Combination	Max			0.	-157.393	7.112E-18	0.0274	2.634E-17
20	0.98462	INV_SLU	Combination	Max			0.	-129.273	7.112E-18	0.0274	2.283E-17
20	1.47692	INV_SLU	Combination	Max			0.	-101.153	7.112E-18	0.0274	1.933E-17
20	1.96923	INV_SLU	Combination	Max			0.	-73.034	7.112E-18	0.0274	1.583E-17
20	2.46154	INV_SLU	Combination	Max			0.	-44.914	7.112E-18	0.0274	1.409E-17
20	2.95385	INV_SLU	Combination	Max			0.	-16.794	7.112E-18	0.0274	1.469E-17
20	3.44615	INV_SLU	Combination	Max			0.	15.415	7.112E-18	0.0274	1.807E-17
20	3.93846	INV_SLU	Combination	Max			0.	53.615	7.112E-18	0.0274	2.175E-17
20	4.43077	INV_SLU	Combination	Max			0.	91.815	7.112E-18	0.0274	2.542E-17
20	4.92308	INV_SLU	Combination	Max			0.	130.015	7.112E-18	0.0274	2.909E-17
20	5.41538	INV_SLU	Combination	Max			0.	168.214	7.112E-18	0.0274	3.276E-17
20	5.90769	INV_SLU	Combination	Max			0.	206.414	7.112E-18	0.0274	3.643E-17
20	6.4	INV_SLU	Combination	Max			0.	244.614	7.112E-18	0.0274	4.011E-17
20	0.	INV_SLU	Combination	Min			0.	-251.986	-7.459E-18	-0.0121	-7.633E-18
20	0.49231	INV_SLU	Combination	Min			0.	-213.786	-7.459E-18	-0.0121	-3.961E-18
20	0.98462	INV_SLU	Combination	Min			0.	-175.586	-7.459E-18	-0.0121	-2.882E-19
20	1.47692	INV_SLU	Combination	Min			0.	-137.386	-7.459E-18	-0.0121	3.384E-18
20	1.96923	INV_SLU	Combination	Min			0.	-99.187	-7.459E-18	-0.0121	5.103E-18
20	2.46154	INV_SLU	Combination	Min			0.	-60.987	-7.459E-18	-0.0121	6.725E-18
20	2.95385	INV_SLU	Combination	Min			0.	-22.787	-7.459E-18	-0.0121	8.348E-18
20	3.44615	INV_SLU	Combination	Min			0.	11.322	-7.459E-18	-0.0121	5.327E-18

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
20	3.93846	INV_SLU	Combination	Min			0.	39.441	-7.459E-18	-0.0121	1.825E-18
20	4.43077	INV_SLU	Combination	Min			0.	67.561	-7.459E-18	-0.0121	-1.676E-18
20	4.92308	INV_SLU	Combination	Min			0.	95.681	-7.459E-18	-0.0121	-5.177E-18
20	5.41538	INV_SLU	Combination	Min			0.	123.801	-7.459E-18	-0.0121	-8.679E-18
20	5.90769	INV_SLU	Combination	Min			0.	151.92	-7.459E-18	-0.0121	-1.218E-17
20	6.4	INV_SLU	Combination	Min			0.	180.04	-7.459E-18	-0.0121	-1.568E-17
20	0.	INV_SLV	Combination	Max			0.	-120.564	2.591E-16	1.0172	6.864E-17
20	0.49231	INV_SLV	Combination	Max			0.	-101.522	2.591E-16	1.0172	1.385E-16
20	0.98462	INV_SLV	Combination	Max			0.	-82.48	2.591E-16	1.0172	2.622E-16
20	1.47692	INV_SLV	Combination	Max			0.	-63.438	2.591E-16	1.0172	3.884E-16
20	1.96923	INV_SLV	Combination	Max			0.	-44.396	2.591E-16	1.0172	5.152E-16
20	2.46154	INV_SLV	Combination	Max			0.	-25.355	2.591E-16	1.0172	6.424E-16
20	2.95385	INV_SLV	Combination	Max			0.	-6.313	2.591E-16	1.0172	7.697E-16
20	3.44615	INV_SLV	Combination	Max			0.	12.729	2.591E-16	1.0172	8.970E-16
20	3.93846	INV_SLV	Combination	Max			0.	31.771	2.591E-16	1.0172	1.024E-15
20	4.43077	INV_SLV	Combination	Max			0.	50.813	2.591E-16	1.0172	1.152E-15
20	4.92308	INV_SLV	Combination	Max			0.	69.854	2.591E-16	1.0172	1.279E-15
20	5.41538	INV_SLV	Combination	Max			0.	88.896	2.591E-16	1.0172	1.407E-15
20	5.90769	INV_SLV	Combination	Max			0.	107.938	2.591E-16	1.0172	1.534E-15
20	6.4	INV_SLV	Combination	Max			0.	126.98	2.591E-16	1.0172	1.662E-15
20	0.	INV_SLV	Combination	Min			0.	-130.745	-2.591E-16	-1.0202	-5.476E-17
20	0.49231	INV_SLV	Combination	Min			0.	-111.703	-2.591E-16	-1.0202	-1.246E-16
20	0.98462	INV_SLV	Combination	Min			0.	-92.661	-2.591E-16	-1.0202	-2.483E-16
20	1.47692	INV_SLV	Combination	Min			0.	-73.62	-2.591E-16	-1.0202	-3.745E-16
20	1.96923	INV_SLV	Combination	Min			0.	-54.578	-2.591E-16	-1.0202	-5.014E-16
20	2.46154	INV_SLV	Combination	Min			0.	-35.536	-2.591E-16	-1.0202	-6.285E-16
20	2.95385	INV_SLV	Combination	Min			0.	-16.494	-2.591E-16	-1.0202	-7.558E-16
20	3.44615	INV_SLV	Combination	Min			0.	2.548	-2.591E-16	-1.0202	-8.831E-16
20	3.93846	INV_SLV	Combination	Min			0.	21.589	-2.591E-16	-1.0202	-1.011E-15
20	4.43077	INV_SLV	Combination	Min			0.	40.631	-2.591E-16	-1.0202	-1.138E-15
20	4.92308	INV_SLV	Combination	Min			0.	59.673	-2.591E-16	-1.0202	-1.265E-15
20	5.41538	INV_SLV	Combination	Min			0.	78.715	-2.591E-16	-1.0202	-1.393E-15
20	5.90769	INV_SLV	Combination	Min			0.	97.757	-2.591E-16	-1.0202	-1.520E-15
20	6.4	INV_SLV	Combination	Min			0.	116.798	-2.591E-16	-1.0202	-1.648E-15
21	0.	INV_SLU	Combination	Max			0.	-182.25	1.041E-17	0.0485	4.163E-17
21	0.49231	INV_SLU	Combination	Max			0.	-154.13	1.041E-17	0.0485	3.651E-17
21	0.98462	INV_SLU	Combination	Max			0.	-126.01	1.041E-17	0.0485	3.139E-17
21	1.47692	INV_SLU	Combination	Max			0.	-97.89	1.041E-17	0.0485	2.626E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
21	1.96923	INV_SLU	Combination	Max			0.	-69.771	1.041E-17	0.0485	2.114E-17
21	2.46154	INV_SLU	Combination	Max			0.	-41.651	1.041E-17	0.0485	1.601E-17
21	2.95385	INV_SLU	Combination	Max			0.	-13.531	1.041E-17	0.0485	1.089E-17
21	3.44615	INV_SLU	Combination	Max			0.	19.654	1.041E-17	0.0485	5.765E-18
21	3.93846	INV_SLU	Combination	Max			0.	57.853	1.041E-17	0.0485	6.405E-19
21	4.43077	INV_SLU	Combination	Max			0.	96.053	1.041E-17	0.0485	-2.242E-18
21	4.92308	INV_SLU	Combination	Max			0.	134.253	1.041E-17	0.0485	-4.804E-18
21	5.41538	INV_SLU	Combination	Max			0.	172.453	1.041E-17	0.0485	-7.366E-18
21	5.90769	INV_SLU	Combination	Max			0.	210.652	1.041E-17	0.0485	-9.928E-18
21	6.4	INV_SLU	Combination	Max			0.	248.852	1.041E-17	0.0485	-1.249E-17
21	0.	INV_SLU	Combination	Min			0.	-247.786	5.204E-18	0.0113	2.082E-17
21	0.49231	INV_SLU	Combination	Min			0.	-209.586	5.204E-18	0.0113	1.825E-17
21	0.98462	INV_SLU	Combination	Min			0.	-171.386	5.204E-18	0.0113	1.569E-17
21	1.47692	INV_SLU	Combination	Min			0.	-133.186	5.204E-18	0.0113	1.313E-17
21	1.96923	INV_SLU	Combination	Min			0.	-94.987	5.204E-18	0.0113	1.057E-17
21	2.46154	INV_SLU	Combination	Min			0.	-56.787	5.204E-18	0.0113	8.006E-18
21	2.95385	INV_SLU	Combination	Min			0.	-18.587	5.204E-18	0.0113	5.444E-18
21	3.44615	INV_SLU	Combination	Min			0.	14.52	5.204E-18	0.0113	2.882E-18
21	3.93846	INV_SLU	Combination	Min			0.	42.64	5.204E-18	0.0113	3.203E-19
21	4.43077	INV_SLU	Combination	Min			0.	70.76	5.204E-18	0.0113	-4.484E-18
21	4.92308	INV_SLU	Combination	Min			0.	98.88	5.204E-18	0.0113	-9.608E-18
21	5.41538	INV_SLU	Combination	Min			0.	127.	5.204E-18	0.0113	-1.473E-17
21	5.90769	INV_SLU	Combination	Min			0.	155.119	5.204E-18	0.0113	-1.986E-17
21	6.4	INV_SLU	Combination	Min			0.	183.239	5.204E-18	0.0113	-2.498E-17
21	0.	INV_SLV	Combination	Max			0.	-118.317	2.183E-16	1.0331	2.997E-16
21	0.49231	INV_SLV	Combination	Max			0.	-99.275	2.183E-16	1.0331	3.649E-16
21	0.98462	INV_SLV	Combination	Max			0.	-80.233	2.183E-16	1.0331	4.376E-16
21	1.47692	INV_SLV	Combination	Max			0.	-61.191	2.183E-16	1.0331	5.161E-16
21	1.96923	INV_SLV	Combination	Max			0.	-42.149	2.183E-16	1.0331	5.991E-16
21	2.46154	INV_SLV	Combination	Max			0.	-23.108	2.183E-16	1.0331	6.857E-16
21	2.95385	INV_SLV	Combination	Max			0.	-4.066	2.183E-16	1.0331	7.750E-16
21	3.44615	INV_SLV	Combination	Max			0.	14.976	2.183E-16	1.0331	8.667E-16
21	3.93846	INV_SLV	Combination	Max			0.	34.018	2.183E-16	1.0331	9.601E-16
21	4.43077	INV_SLV	Combination	Max			0.	53.06	2.183E-16	1.0331	1.055E-15
21	4.92308	INV_SLV	Combination	Max			0.	72.102	2.183E-16	1.0331	1.151E-15
21	5.41538	INV_SLV	Combination	Max			0.	91.143	2.183E-16	1.0331	1.248E-15
21	5.90769	INV_SLV	Combination	Max			0.	110.185	2.183E-16	1.0331	1.346E-15
21	6.4	INV_SLV	Combination	Max			0.	129.227	2.183E-16	1.0331	1.445E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
21	0.	INV_SLV	Combination	Min			0.	-128.628	-2.114E-16	-1.0053	-2.719E-16
21	0.49231	INV_SLV	Combination	Min			0.	-109.586	-2.114E-16	-1.0053	-3.406E-16
21	0.98462	INV_SLV	Combination	Min			0.	-90.544	-2.114E-16	-1.0053	-4.166E-16
21	1.47692	INV_SLV	Combination	Min			0.	-71.502	-2.114E-16	-1.0053	-4.986E-16
21	1.96923	INV_SLV	Combination	Min			0.	-52.461	-2.114E-16	-1.0053	-5.850E-16
21	2.46154	INV_SLV	Combination	Min			0.	-33.419	-2.114E-16	-1.0053	-6.750E-16
21	2.95385	INV_SLV	Combination	Min			0.	-14.377	-2.114E-16	-1.0053	-7.678E-16
21	3.44615	INV_SLV	Combination	Min			0.	4.665	-2.114E-16	-1.0053	-8.628E-16
21	3.93846	INV_SLV	Combination	Min			0.	23.707	-2.114E-16	-1.0053	-9.597E-16
21	4.43077	INV_SLV	Combination	Min			0.	42.748	-2.114E-16	-1.0053	-1.058E-15
21	4.92308	INV_SLV	Combination	Min			0.	61.79	-2.114E-16	-1.0053	-1.158E-15
21	5.41538	INV_SLV	Combination	Min			0.	80.832	-2.114E-16	-1.0053	-1.258E-15
21	5.90769	INV_SLV	Combination	Min			0.	99.874	-2.114E-16	-1.0053	-1.360E-15
21	6.4	INV_SLV	Combination	Min			0.	118.916	-2.114E-16	-1.0053	-1.462E-15
22	0.	INV_SLU	Combination	Max			0.	-185.705	1.171E-17	-0.4757	6.939E-19
22	0.49231	INV_SLU	Combination	Max			0.	-157.585	1.171E-17	-0.4757	-4.334E-18
22	0.98462	INV_SLU	Combination	Max			0.	-129.465	1.171E-17	-0.4757	-7.281E-18
22	1.47692	INV_SLU	Combination	Max			0.	-101.345	1.171E-17	-0.4757	-1.023E-17
22	1.96923	INV_SLU	Combination	Max			0.	-73.226	1.171E-17	-0.4757	-1.317E-17
22	2.46154	INV_SLU	Combination	Max			0.	-45.106	1.171E-17	-0.4757	-1.612E-17
22	2.95385	INV_SLU	Combination	Max			0.	-16.986	1.171E-17	-0.4757	-1.907E-17
22	3.44615	INV_SLU	Combination	Max			0.	15.033	1.171E-17	-0.4757	-2.201E-17
22	3.93846	INV_SLU	Combination	Max			0.	53.232	1.171E-17	-0.4757	-2.496E-17
22	4.43077	INV_SLU	Combination	Max			0.	91.432	1.171E-17	-0.4757	-2.488E-17
22	4.92308	INV_SLU	Combination	Max			0.	129.632	1.171E-17	-0.4757	-2.437E-17
22	5.41538	INV_SLU	Combination	Max			0.	167.832	1.171E-17	-0.4757	-2.385E-17
22	5.90769	INV_SLU	Combination	Max			0.	206.032	1.171E-17	-0.4757	-2.334E-17
22	6.4	INV_SLU	Combination	Max			0.	244.231	1.171E-17	-0.4757	-2.283E-17
22	0.	INV_SLU	Combination	Min			0.	-252.404	-1.041E-18	-0.534	-4.614E-17
22	0.49231	INV_SLU	Combination	Min			0.	-214.204	-1.041E-18	-0.534	-4.614E-17
22	0.98462	INV_SLU	Combination	Min			0.	-176.004	-1.041E-18	-0.534	-4.614E-17
22	1.47692	INV_SLU	Combination	Min			0.	-137.805	-1.041E-18	-0.534	-4.614E-17
22	1.96923	INV_SLU	Combination	Min			0.	-99.605	-1.041E-18	-0.534	-4.614E-17
22	2.46154	INV_SLU	Combination	Min			0.	-61.405	-1.041E-18	-0.534	-4.614E-17
22	2.95385	INV_SLU	Combination	Min			0.	-23.205	-1.041E-18	-0.534	-4.614E-17
22	3.44615	INV_SLU	Combination	Min			0.	11.07	-1.041E-18	-0.534	-4.614E-17
22	3.93846	INV_SLU	Combination	Min			0.	39.19	-1.041E-18	-0.534	-4.614E-17
22	4.43077	INV_SLU	Combination	Min			0.	67.31	-1.041E-18	-0.534	-5.119E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
22	4.92308	INV_SLU	Combination	Min			0.	95.429	-1.041E-18	-0.534	-5.695E-17
22	5.41538	INV_SLU	Combination	Min			0.	123.549	-1.041E-18	-0.534	-6.272E-17
22	5.90769	INV_SLU	Combination	Min			0.	151.669	-1.041E-18	-0.534	-6.848E-17
22	6.4	INV_SLU	Combination	Min			0.	179.789	-1.041E-18	-0.534	-7.425E-17
22	0.	INV_SLV	Combination	Max			0.	-118.711	1.978E-16	0.6367	2.563E-16
22	0.49231	INV_SLV	Combination	Max			0.	-99.669	1.978E-16	0.6367	2.199E-16
22	0.98462	INV_SLV	Combination	Max			0.	-80.628	1.978E-16	0.6367	1.950E-16
22	1.47692	INV_SLV	Combination	Max			0.	-61.586	1.978E-16	0.6367	1.734E-16
22	1.96923	INV_SLV	Combination	Max			0.	-42.544	1.978E-16	0.6367	1.531E-16
22	2.46154	INV_SLV	Combination	Max			0.	-23.502	1.978E-16	0.6367	2.358E-16
22	2.95385	INV_SLV	Combination	Max			0.	-4.46	1.978E-16	0.6367	3.257E-16
22	3.44615	INV_SLV	Combination	Max			0.	14.581	1.978E-16	0.6367	4.157E-16
22	3.93846	INV_SLV	Combination	Max			0.	33.623	1.978E-16	0.6367	5.059E-16
22	4.43077	INV_SLV	Combination	Max			0.	52.665	1.978E-16	0.6367	5.962E-16
22	4.92308	INV_SLV	Combination	Max			0.	71.707	1.978E-16	0.6367	6.865E-16
22	5.41538	INV_SLV	Combination	Max			0.	90.749	1.978E-16	0.6367	7.768E-16
22	5.90769	INV_SLV	Combination	Max			0.	109.79	1.978E-16	0.6367	8.672E-16
22	6.4	INV_SLV	Combination	Max			0.	128.832	1.978E-16	0.6367	9.576E-16
22	0.	INV_SLV	Combination	Min			0.	-133.01	-1.839E-16	-1.3368	-2.632E-16
22	0.49231	INV_SLV	Combination	Min			0.	-113.969	-1.839E-16	-1.3368	-2.337E-16
22	0.98462	INV_SLV	Combination	Min			0.	-94.927	-1.839E-16	-1.3368	-2.156E-16
22	1.47692	INV_SLV	Combination	Min			0.	-75.885	-1.839E-16	-1.3368	-2.008E-16
22	1.96923	INV_SLV	Combination	Min			0.	-56.843	-1.839E-16	-1.3368	-1.873E-16
22	2.46154	INV_SLV	Combination	Min			0.	-37.801	-1.839E-16	-1.3368	-2.769E-16
22	2.95385	INV_SLV	Combination	Min			0.	-18.76	-1.839E-16	-1.3368	-3.736E-16
22	3.44615	INV_SLV	Combination	Min			0.	0.282	-1.839E-16	-1.3368	-4.705E-16
22	3.93846	INV_SLV	Combination	Min			0.	19.324	-1.839E-16	-1.3368	-5.675E-16
22	4.43077	INV_SLV	Combination	Min			0.	38.366	-1.839E-16	-1.3368	-6.646E-16
22	4.92308	INV_SLV	Combination	Min			0.	57.408	-1.839E-16	-1.3368	-7.617E-16
22	5.41538	INV_SLV	Combination	Min			0.	76.449	-1.839E-16	-1.3368	-8.589E-16
22	5.90769	INV_SLV	Combination	Min			0.	95.491	-1.839E-16	-1.3368	-9.561E-16
22	6.4	INV_SLV	Combination	Min			0.	114.533	-1.839E-16	-1.3368	-1.053E-15
23	0.	INV_SLU	Combination	Max			0.	-123.43	6.245E-17	-0.1326	4.163E-17
23	0.45	INV_SLU	Combination	Max			0.	-97.726	6.245E-17	-0.1326	6.054E-17
23	0.9	INV_SLU	Combination	Max			0.	-72.023	6.245E-17	-0.1326	7.945E-17
23	1.35	INV_SLU	Combination	Max			0.	-46.32	6.245E-17	-0.1326	9.837E-17
23	1.8	INV_SLU	Combination	Max			0.	-20.617	6.245E-17	-0.1326	1.173E-16
23	2.25	INV_SLU	Combination	Max			0.	6.685	6.245E-17	-0.1326	1.362E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
23	2.7	INV_SLU	Combination	Max			0.	41.602	6.245E-17	-0.1326	1.551E-16
23	3.15	INV_SLU	Combination	Max			0.	76.519	6.245E-17	-0.1326	1.740E-16
23	3.6	INV_SLU	Combination	Max			0.	111.436	6.245E-17	-0.1326	1.929E-16
23	3.6	INV_SLU	Combination	Max			0.	-56.987	-1.226E-16	0.3955	-1.128E-18
23	4.06667	INV_SLU	Combination	Max			0.	-30.332	-1.226E-16	0.3955	5.611E-17
23	4.53333	INV_SLU	Combination	Max			0.	-3.677	-1.226E-16	0.3955	1.133E-16
23	5.	INV_SLU	Combination	Max			0.	30.571	-1.226E-16	0.3955	1.706E-16
23	5.46667	INV_SLU	Combination	Max			0.	66.781	-1.226E-16	0.3955	2.278E-16
23	5.93333	INV_SLU	Combination	Max			0.	102.991	-1.226E-16	0.3955	2.850E-16
23	6.4	INV_SLU	Combination	Max			0.	139.201	-1.226E-16	0.3955	3.423E-16
23	0.	INV_SLU	Combination	Min			0.	-167.927	-4.202E-17	-0.2467	0.
23	0.45	INV_SLU	Combination	Min			0.	-133.01	-4.202E-17	-0.2467	-2.810E-17
23	0.9	INV_SLU	Combination	Min			0.	-98.093	-4.202E-17	-0.2467	-5.621E-17
23	1.35	INV_SLU	Combination	Min			0.	-63.176	-4.202E-17	-0.2467	-8.431E-17
23	1.8	INV_SLU	Combination	Min			0.	-28.259	-4.202E-17	-0.2467	-1.124E-16
23	2.25	INV_SLU	Combination	Min			0.	5.042	-4.202E-17	-0.2467	-1.405E-16
23	2.7	INV_SLU	Combination	Min			0.	30.745	-4.202E-17	-0.2467	-1.686E-16
23	3.15	INV_SLU	Combination	Min			0.	56.448	-4.202E-17	-0.2467	-1.967E-16
23	3.6	INV_SLU	Combination	Min			0.	82.151	-4.202E-17	-0.2467	-2.248E-16
23	3.6	INV_SLU	Combination	Min			0.	-78.236	-1.226E-16	0.2912	-3.342E-16
23	4.06667	INV_SLU	Combination	Min			0.	-42.026	-1.226E-16	0.2912	-2.770E-16
23	4.53333	INV_SLU	Combination	Min			0.	-5.816	-1.226E-16	0.2912	-2.197E-16
23	5.	INV_SLU	Combination	Min			0.	22.684	-1.226E-16	0.2912	-1.625E-16
23	5.46667	INV_SLU	Combination	Min			0.	49.339	-1.226E-16	0.2912	-1.053E-16
23	5.93333	INV_SLU	Combination	Min			0.	75.994	-1.226E-16	0.2912	-4.802E-17
23	6.4	INV_SLU	Combination	Min			0.	102.649	-1.226E-16	0.2912	9.211E-18
23	0.	INV_SLV	Combination	Max			0.	-69.232	1.272E-15	1.0287	9.935E-16
23	0.45	INV_SLV	Combination	Max			0.	-51.826	1.272E-15	1.0287	1.361E-15
23	0.9	INV_SLV	Combination	Max			0.	-34.421	1.272E-15	1.0287	1.895E-15
23	1.35	INV_SLV	Combination	Max			0.	-17.016	1.272E-15	1.0287	2.465E-15
23	1.8	INV_SLV	Combination	Max			0.	0.39	1.272E-15	1.0287	3.043E-15
23	2.25	INV_SLV	Combination	Max			0.	17.795	1.272E-15	1.0287	3.623E-15
23	2.7	INV_SLV	Combination	Max			0.	35.201	1.272E-15	1.0287	4.205E-15
23	3.15	INV_SLV	Combination	Max			0.	52.606	1.272E-15	1.0287	4.787E-15
23	3.6	INV_SLV	Combination	Max			0.	70.011	1.272E-15	1.0287	5.369E-15
23	3.6	INV_SLV	Combination	Max			0.	-10.183	1.677E-15	1.3087	2.834E-16
23	4.06667	INV_SLV	Combination	Max			0.	7.867	1.677E-15	1.3087	8.865E-16
23	4.53333	INV_SLV	Combination	Max			0.	25.917	1.677E-15	1.3087	1.717E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
23	5.	INV_SLV	Combination	Max			0.	43.967	1.677E-15	1.3087	2.566E-15
23	5.46667	INV_SLV	Combination	Max			0.	62.017	1.677E-15	1.3087	3.420E-15
23	5.93333	INV_SLV	Combination	Max			0.	80.067	1.677E-15	1.3087	4.276E-15
23	6.4	INV_SLV	Combination	Max			0.	98.117	1.677E-15	1.3087	5.133E-15
23	0.	INV_SLV	Combination	Min			0.	-98.205	-1.300E-15	-1.2767	-9.935E-16
23	0.45	INV_SLV	Combination	Min			0.	-80.799	-1.300E-15	-1.2767	-1.348E-15
23	0.9	INV_SLV	Combination	Min			0.	-63.394	-1.300E-15	-1.2767	-1.870E-15
23	1.35	INV_SLV	Combination	Min			0.	-45.988	-1.300E-15	-1.2767	-2.428E-15
23	1.8	INV_SLV	Combination	Min			0.	-28.583	-1.300E-15	-1.2767	-2.993E-15
23	2.25	INV_SLV	Combination	Min			0.	-11.178	-1.300E-15	-1.2767	-3.561E-15
23	2.7	INV_SLV	Combination	Min			0.	6.228	-1.300E-15	-1.2767	-4.130E-15
23	3.15	INV_SLV	Combination	Min			0.	23.633	-1.300E-15	-1.2767	-4.699E-15
23	3.6	INV_SLV	Combination	Min			0.	41.039	-1.300E-15	-1.2767	-5.270E-15
23	3.6	INV_SLV	Combination	Min			0.	-67.557	-1.840E-15	-0.8995	-2.851E-16
23	4.06667	INV_SLV	Combination	Min			0.	-49.507	-1.840E-15	-0.8995	-8.121E-16
23	4.53333	INV_SLV	Combination	Min			0.	-31.456	-1.840E-15	-0.8995	-1.567E-15
23	5.	INV_SLV	Combination	Min			0.	-13.406	-1.840E-15	-0.8995	-2.340E-15
23	5.46667	INV_SLV	Combination	Min			0.	4.644	-1.840E-15	-0.8995	-3.117E-15
23	5.93333	INV_SLV	Combination	Min			0.	22.694	-1.840E-15	-0.8995	-3.897E-15
23	6.4	INV_SLV	Combination	Min			0.	40.744	-1.840E-15	-0.8995	-4.678E-15
24	0.	INV_SLU	Combination	Max			0.	-227.957	-1.041E-17	0.0382	-1.804E-17
24	0.49231	INV_SLU	Combination	Max			0.	-189.365	-1.041E-17	0.0382	-1.292E-17
24	0.98462	INV_SLU	Combination	Max			0.	-150.774	-1.041E-17	0.0382	-7.793E-18
24	1.47692	INV_SLU	Combination	Max			0.	-112.183	-1.041E-17	0.0382	-2.669E-18
24	1.96923	INV_SLU	Combination	Max			0.	-73.592	-1.041E-17	0.0382	2.455E-18
24	2.46154	INV_SLU	Combination	Max			0.	-35.001	-1.041E-17	0.0382	7.579E-18
24	2.95385	INV_SLU	Combination	Max			0.	4.916	-1.041E-17	0.0382	1.270E-17
24	3.44615	INV_SLU	Combination	Max			0.	63.667	-1.041E-17	0.0382	2.019E-17
24	3.93846	INV_SLU	Combination	Max			0.	122.418	-1.041E-17	0.0382	3.940E-17
24	4.43077	INV_SLU	Combination	Max			0.	181.169	-1.041E-17	0.0382	5.862E-17
24	4.92308	INV_SLU	Combination	Max			0.	239.92	-1.041E-17	0.0382	7.784E-17
24	5.41538	INV_SLU	Combination	Max			0.	298.671	-1.041E-17	0.0382	9.705E-17
24	5.90769	INV_SLU	Combination	Max			0.	357.422	-1.041E-17	0.0382	1.163E-16
24	6.4	INV_SLU	Combination	Max			0.	416.174	-1.041E-17	0.0382	1.355E-16
24	0.	INV_SLU	Combination	Min			0.	-347.764	-3.903E-17	0.0118	-1.143E-16
24	0.49231	INV_SLU	Combination	Min			0.	-289.013	-3.903E-17	0.0118	-9.510E-17
24	0.98462	INV_SLU	Combination	Min			0.	-230.262	-3.903E-17	0.0118	-7.589E-17
24	1.47692	INV_SLU	Combination	Min			0.	-171.511	-3.903E-17	0.0118	-5.667E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
24	1.96923	INV_SLU	Combination	Min			0.	-112.76	-3.903E-17	0.0118	-3.746E-17
24	2.46154	INV_SLU	Combination	Min			0.	-54.008	-3.903E-17	0.0118	-1.824E-17
24	2.95385	INV_SLU	Combination	Min			0.	3.302	-3.903E-17	0.0118	9.741E-19
24	3.44615	INV_SLU	Combination	Min			0.	41.893	-3.903E-17	0.0118	1.667E-17
24	3.93846	INV_SLU	Combination	Min			0.	80.484	-3.903E-17	0.0118	2.282E-17
24	4.43077	INV_SLU	Combination	Min			0.	119.076	-3.903E-17	0.0118	2.808E-17
24	4.92308	INV_SLU	Combination	Min			0.	157.667	-3.903E-17	0.0118	3.320E-17
24	5.41538	INV_SLU	Combination	Min			0.	196.258	-3.903E-17	0.0118	3.832E-17
24	5.90769	INV_SLU	Combination	Min			0.	234.849	-3.903E-17	0.0118	4.345E-17
24	6.4	INV_SLU	Combination	Min			0.	273.44	-3.903E-17	0.0118	4.857E-17
24	0.	INV_SLV	Combination	Max			0.	-148.359	7.453E-16	0.7999	1.687E-15
24	0.49231	INV_SLV	Combination	Max			0.	-122.336	7.453E-16	0.7999	1.329E-15
24	0.98462	INV_SLV	Combination	Max			0.	-96.313	7.453E-16	0.7999	9.711E-16
24	1.47692	INV_SLV	Combination	Max			0.	-70.29	7.453E-16	0.7999	8.050E-16
24	1.96923	INV_SLV	Combination	Max			0.	-44.268	7.453E-16	0.7999	1.104E-15
24	2.46154	INV_SLV	Combination	Max			0.	-18.245	7.453E-16	0.7999	1.464E-15
24	2.95385	INV_SLV	Combination	Max			0.	7.778	7.453E-16	0.7999	1.829E-15
24	3.44615	INV_SLV	Combination	Max			0.	33.801	7.453E-16	0.7999	2.194E-15
24	3.93846	INV_SLV	Combination	Max			0.	59.823	7.453E-16	0.7999	2.559E-15
24	4.43077	INV_SLV	Combination	Max			0.	85.846	7.453E-16	0.7999	2.925E-15
24	4.92308	INV_SLV	Combination	Max			0.	111.869	7.453E-16	0.7999	3.290E-15
24	5.41538	INV_SLV	Combination	Max			0.	137.891	7.453E-16	0.7999	3.656E-15
24	5.90769	INV_SLV	Combination	Max			0.	163.914	7.453E-16	0.7999	4.022E-15
24	6.4	INV_SLV	Combination	Max			0.	189.937	7.453E-16	0.7999	4.389E-15
24	0.	INV_SLV	Combination	Min			0.	-159.412	-7.661E-16	-0.7742	-1.742E-15
24	0.49231	INV_SLV	Combination	Min			0.	-133.389	-7.661E-16	-0.7742	-1.374E-15
24	0.98462	INV_SLV	Combination	Min			0.	-107.366	-7.661E-16	-0.7742	-1.006E-15
24	1.47692	INV_SLV	Combination	Min			0.	-81.344	-7.661E-16	-0.7742	-8.298E-16
24	1.96923	INV_SLV	Combination	Min			0.	-55.321	-7.661E-16	-0.7742	-1.118E-15
24	2.46154	INV_SLV	Combination	Min			0.	-29.298	-7.661E-16	-0.7742	-1.468E-15
24	2.95385	INV_SLV	Combination	Min			0.	-3.275	-7.661E-16	-0.7742	-1.823E-15
24	3.44615	INV_SLV	Combination	Min			0.	22.747	-7.661E-16	-0.7742	-2.178E-15
24	3.93846	INV_SLV	Combination	Min			0.	48.77	-7.661E-16	-0.7742	-2.533E-15
24	4.43077	INV_SLV	Combination	Min			0.	74.793	-7.661E-16	-0.7742	-2.888E-15
24	4.92308	INV_SLV	Combination	Min			0.	100.816	-7.661E-16	-0.7742	-3.243E-15
24	5.41538	INV_SLV	Combination	Min			0.	126.838	-7.661E-16	-0.7742	-3.599E-15
24	5.90769	INV_SLV	Combination	Min			0.	152.861	-7.661E-16	-0.7742	-3.955E-15
24	6.4	INV_SLV	Combination	Min			0.	178.884	-7.661E-16	-0.7742	-4.311E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
25	0.	INV_SLU	Combination	Max			0.	-254.096	7.112E-18	0.0415	2.984E-17
25	0.49231	INV_SLU	Combination	Max			0.	-215.504	7.112E-18	0.0415	2.634E-17
25	0.98462	INV_SLU	Combination	Max			0.	-176.913	7.112E-18	0.0415	2.283E-17
25	1.47692	INV_SLU	Combination	Max			0.	-138.322	7.112E-18	0.0415	1.933E-17
25	1.96923	INV_SLU	Combination	Max			0.	-99.731	7.112E-18	0.0415	1.583E-17
25	2.46154	INV_SLU	Combination	Max			0.	-61.14	7.112E-18	0.0415	1.409E-17
25	2.95385	INV_SLU	Combination	Max			0.	-22.549	7.112E-18	0.0415	1.469E-17
25	3.44615	INV_SLU	Combination	Max			0.	24.474	7.112E-18	0.0415	1.807E-17
25	3.93846	INV_SLU	Combination	Max			0.	83.225	7.112E-18	0.0415	2.175E-17
25	4.43077	INV_SLU	Combination	Max			0.	141.977	7.112E-18	0.0415	2.542E-17
25	4.92308	INV_SLU	Combination	Max			0.	200.728	7.112E-18	0.0415	2.909E-17
25	5.41538	INV_SLU	Combination	Max			0.	259.479	7.112E-18	0.0415	3.276E-17
25	5.90769	INV_SLU	Combination	Max			0.	318.23	7.112E-18	0.0415	3.643E-17
25	6.4	INV_SLU	Combination	Max			0.	376.981	7.112E-18	0.0415	4.011E-17
25	0.	INV_SLU	Combination	Min			0.	-386.836	-7.459E-18	0.0119	-7.633E-18
25	0.49231	INV_SLU	Combination	Min			0.	-328.085	-7.459E-18	0.0119	-3.961E-18
25	0.98462	INV_SLU	Combination	Min			0.	-269.334	-7.459E-18	0.0119	-2.882E-19
25	1.47692	INV_SLU	Combination	Min			0.	-210.583	-7.459E-18	0.0119	3.384E-18
25	1.96923	INV_SLU	Combination	Min			0.	-151.832	-7.459E-18	0.0119	5.103E-18
25	2.46154	INV_SLU	Combination	Min			0.	-93.081	-7.459E-18	0.0119	6.725E-18
25	2.95385	INV_SLU	Combination	Min			0.	-34.329	-7.459E-18	0.0119	8.348E-18
25	3.44615	INV_SLU	Combination	Min			0.	15.955	-7.459E-18	0.0119	5.327E-18
25	3.93846	INV_SLU	Combination	Min			0.	54.546	-7.459E-18	0.0119	1.825E-18
25	4.43077	INV_SLU	Combination	Min			0.	93.137	-7.459E-18	0.0119	-1.676E-18
25	4.92308	INV_SLU	Combination	Min			0.	131.728	-7.459E-18	0.0119	-5.177E-18
25	5.41538	INV_SLU	Combination	Min			0.	170.32	-7.459E-18	0.0119	-8.679E-18
25	5.90769	INV_SLU	Combination	Min			0.	208.911	-7.459E-18	0.0119	-1.218E-17
25	6.4	INV_SLU	Combination	Min			0.	247.502	-7.459E-18	0.0119	-1.568E-17
25	0.	INV_SLV	Combination	Max			0.	-167.338	2.591E-16	0.8099	6.864E-17
25	0.49231	INV_SLV	Combination	Max			0.	-141.315	2.591E-16	0.8099	1.385E-16
25	0.98462	INV_SLV	Combination	Max			0.	-115.293	2.591E-16	0.8099	2.622E-16
25	1.47692	INV_SLV	Combination	Max			0.	-89.27	2.591E-16	0.8099	3.884E-16
25	1.96923	INV_SLV	Combination	Max			0.	-63.247	2.591E-16	0.8099	5.152E-16
25	2.46154	INV_SLV	Combination	Max			0.	-37.225	2.591E-16	0.8099	6.424E-16
25	2.95385	INV_SLV	Combination	Max			0.	-11.202	2.591E-16	0.8099	7.697E-16
25	3.44615	INV_SLV	Combination	Max			0.	14.821	2.591E-16	0.8099	8.970E-16
25	3.93846	INV_SLV	Combination	Max			0.	40.844	2.591E-16	0.8099	1.024E-15
25	4.43077	INV_SLV	Combination	Max			0.	66.866	2.591E-16	0.8099	1.152E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
25	4.92308	INV_SLV	Combination	Max			0.	92.889	2.591E-16	0.8099	1.279E-15
25	5.41538	INV_SLV	Combination	Max			0.	118.912	2.591E-16	0.8099	1.407E-15
25	5.90769	INV_SLV	Combination	Max			0.	144.935	2.591E-16	0.8099	1.534E-15
25	6.4	INV_SLV	Combination	Max			0.	170.957	2.591E-16	0.8099	1.662E-15
25	0.	INV_SLV	Combination	Min			0.	-175.423	-2.591E-16	-0.7839	-5.476E-17
25	0.49231	INV_SLV	Combination	Min			0.	-149.401	-2.591E-16	-0.7839	-1.246E-16
25	0.98462	INV_SLV	Combination	Min			0.	-123.378	-2.591E-16	-0.7839	-2.483E-16
25	1.47692	INV_SLV	Combination	Min			0.	-97.355	-2.591E-16	-0.7839	-3.745E-16
25	1.96923	INV_SLV	Combination	Min			0.	-71.332	-2.591E-16	-0.7839	-5.014E-16
25	2.46154	INV_SLV	Combination	Min			0.	-45.31	-2.591E-16	-0.7839	-6.285E-16
25	2.95385	INV_SLV	Combination	Min			0.	-19.287	-2.591E-16	-0.7839	-7.558E-16
25	3.44615	INV_SLV	Combination	Min			0.	6.736	-2.591E-16	-0.7839	-8.831E-16
25	3.93846	INV_SLV	Combination	Min			0.	32.758	-2.591E-16	-0.7839	-1.011E-15
25	4.43077	INV_SLV	Combination	Min			0.	58.781	-2.591E-16	-0.7839	-1.138E-15
25	4.92308	INV_SLV	Combination	Min			0.	84.804	-2.591E-16	-0.7839	-1.265E-15
25	5.41538	INV_SLV	Combination	Min			0.	110.827	-2.591E-16	-0.7839	-1.393E-15
25	5.90769	INV_SLV	Combination	Min			0.	136.849	-2.591E-16	-0.7839	-1.520E-15
25	6.4	INV_SLV	Combination	Min			0.	162.872	-2.591E-16	-0.7839	-1.648E-15
26	0.	INV_SLU	Combination	Max			0.	-250.616	1.041E-17	0.045	4.163E-17
26	0.49231	INV_SLU	Combination	Max			0.	-212.024	1.041E-17	0.045	3.651E-17
26	0.98462	INV_SLU	Combination	Max			0.	-173.433	1.041E-17	0.045	3.139E-17
26	1.47692	INV_SLU	Combination	Max			0.	-134.842	1.041E-17	0.045	2.626E-17
26	1.96923	INV_SLU	Combination	Max			0.	-96.251	1.041E-17	0.045	2.114E-17
26	2.46154	INV_SLU	Combination	Max			0.	-57.66	1.041E-17	0.045	1.601E-17
26	2.95385	INV_SLU	Combination	Max			0.	-19.069	1.041E-17	0.045	1.089E-17
26	3.44615	INV_SLU	Combination	Max			0.	29.615	1.041E-17	0.045	5.765E-18
26	3.93846	INV_SLU	Combination	Max			0.	88.366	1.041E-17	0.045	6.405E-19
26	4.43077	INV_SLU	Combination	Max			0.	147.117	1.041E-17	0.045	-2.242E-18
26	4.92308	INV_SLU	Combination	Max			0.	205.868	1.041E-17	0.045	-4.804E-18
26	5.41538	INV_SLU	Combination	Max			0.	264.62	1.041E-17	0.045	-7.366E-18
26	5.90769	INV_SLU	Combination	Max			0.	323.371	1.041E-17	0.045	-9.928E-18
26	6.4	INV_SLU	Combination	Max			0.	382.122	1.041E-17	0.045	-1.249E-17
26	0.	INV_SLU	Combination	Min			0.	-381.729	5.204E-18	0.015	2.082E-17
26	0.49231	INV_SLU	Combination	Min			0.	-322.978	5.204E-18	0.015	1.825E-17
26	0.98462	INV_SLU	Combination	Min			0.	-264.227	5.204E-18	0.015	1.569E-17
26	1.47692	INV_SLU	Combination	Min			0.	-205.476	5.204E-18	0.015	1.313E-17
26	1.96923	INV_SLU	Combination	Min			0.	-146.725	5.204E-18	0.015	1.057E-17
26	2.46154	INV_SLU	Combination	Min			0.	-87.973	5.204E-18	0.015	8.006E-18

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
26	2.95385	INV_SLU	Combination	Min			0.	-29.222	5.204E-18	0.015	5.444E-18
26	3.44615	INV_SLU	Combination	Min			0.	19.379	5.204E-18	0.015	2.882E-18
26	3.93846	INV_SLU	Combination	Min			0.	57.97	5.204E-18	0.015	3.203E-19
26	4.43077	INV_SLU	Combination	Min			0.	96.561	5.204E-18	0.015	-4.484E-18
26	4.92308	INV_SLU	Combination	Min			0.	135.153	5.204E-18	0.015	-9.608E-18
26	5.41538	INV_SLU	Combination	Min			0.	173.744	5.204E-18	0.015	-1.473E-17
26	5.90769	INV_SLU	Combination	Min			0.	212.335	5.204E-18	0.015	-1.986E-17
26	6.4	INV_SLU	Combination	Min			0.	250.926	5.204E-18	0.015	-2.498E-17
26	0.	INV_SLV	Combination	Max			0.	-164.842	2.183E-16	0.8134	2.997E-16
26	0.49231	INV_SLV	Combination	Max			0.	-138.82	2.183E-16	0.8134	3.649E-16
26	0.98462	INV_SLV	Combination	Max			0.	-112.797	2.183E-16	0.8134	4.376E-16
26	1.47692	INV_SLV	Combination	Max			0.	-86.774	2.183E-16	0.8134	5.161E-16
26	1.96923	INV_SLV	Combination	Max			0.	-60.751	2.183E-16	0.8134	5.991E-16
26	2.46154	INV_SLV	Combination	Max			0.	-34.729	2.183E-16	0.8134	6.857E-16
26	2.95385	INV_SLV	Combination	Max			0.	-8.706	2.183E-16	0.8134	7.750E-16
26	3.44615	INV_SLV	Combination	Max			0.	17.317	2.183E-16	0.8134	8.667E-16
26	3.93846	INV_SLV	Combination	Max			0.	43.34	2.183E-16	0.8134	9.601E-16
26	4.43077	INV_SLV	Combination	Max			0.	69.362	2.183E-16	0.8134	1.055E-15
26	4.92308	INV_SLV	Combination	Max			0.	95.385	2.183E-16	0.8134	1.151E-15
26	5.41538	INV_SLV	Combination	Max			0.	121.408	2.183E-16	0.8134	1.248E-15
26	5.90769	INV_SLV	Combination	Max			0.	147.431	2.183E-16	0.8134	1.346E-15
26	6.4	INV_SLV	Combination	Max			0.	173.453	2.183E-16	0.8134	1.445E-15
26	0.	INV_SLV	Combination	Min			0.	-173.307	-2.114E-16	-0.7829	-2.719E-16
26	0.49231	INV_SLV	Combination	Min			0.	-147.284	-2.114E-16	-0.7829	-3.406E-16
26	0.98462	INV_SLV	Combination	Min			0.	-121.261	-2.114E-16	-0.7829	-4.166E-16
26	1.47692	INV_SLV	Combination	Min			0.	-95.239	-2.114E-16	-0.7829	-4.986E-16
26	1.96923	INV_SLV	Combination	Min			0.	-69.216	-2.114E-16	-0.7829	-5.850E-16
26	2.46154	INV_SLV	Combination	Min			0.	-43.193	-2.114E-16	-0.7829	-6.750E-16
26	2.95385	INV_SLV	Combination	Min			0.	-17.171	-2.114E-16	-0.7829	-7.678E-16
26	3.44615	INV_SLV	Combination	Min			0.	8.852	-2.114E-16	-0.7829	-8.628E-16
26	3.93846	INV_SLV	Combination	Min			0.	34.875	-2.114E-16	-0.7829	-9.597E-16
26	4.43077	INV_SLV	Combination	Min			0.	60.898	-2.114E-16	-0.7829	-1.058E-15
26	4.92308	INV_SLV	Combination	Min			0.	86.92	-2.114E-16	-0.7829	-1.158E-15
26	5.41538	INV_SLV	Combination	Min			0.	112.943	-2.114E-16	-0.7829	-1.258E-15
26	5.90769	INV_SLV	Combination	Min			0.	138.966	-2.114E-16	-0.7829	-1.360E-15
26	6.4	INV_SLV	Combination	Min			0.	164.989	-2.114E-16	-0.7829	-1.462E-15
27	0.	INV_SLU	Combination	Max			0.	-250.834	1.171E-17	0.7886	6.939E-19
27	0.49231	INV_SLU	Combination	Max			0.	-212.243	1.171E-17	0.7886	-4.334E-18

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
27	0.98462	INV_SLU	Combination	Max			0.	-173.652	1.171E-17	0.7886	-7.281E-18
27	1.47692	INV_SLU	Combination	Max			0.	-135.061	1.171E-17	0.7886	-1.023E-17
27	1.96923	INV_SLU	Combination	Max			0.	-96.469	1.171E-17	0.7886	-1.317E-17
27	2.46154	INV_SLU	Combination	Max			0.	-57.878	1.171E-17	0.7886	-1.612E-17
27	2.95385	INV_SLU	Combination	Max			0.	-19.287	1.171E-17	0.7886	-1.907E-17
27	3.44615	INV_SLU	Combination	Max			0.	29.262	1.171E-17	0.7886	-2.201E-17
27	3.93846	INV_SLU	Combination	Max			0.	88.013	1.171E-17	0.7886	-2.496E-17
27	4.43077	INV_SLU	Combination	Max			0.	146.764	1.171E-17	0.7886	-2.488E-17
27	4.92308	INV_SLU	Combination	Max			0.	205.515	1.171E-17	0.7886	-2.437E-17
27	5.41538	INV_SLU	Combination	Max			0.	264.267	1.171E-17	0.7886	-2.385E-17
27	5.90769	INV_SLU	Combination	Max			0.	323.018	1.171E-17	0.7886	-2.334E-17
27	6.4	INV_SLU	Combination	Max			0.	381.769	1.171E-17	0.7886	-2.283E-17
27	0.	INV_SLU	Combination	Min			0.	-382.082	-1.041E-18	0.6164	-4.614E-17
27	0.49231	INV_SLU	Combination	Min			0.	-323.331	-1.041E-18	0.6164	-4.614E-17
27	0.98462	INV_SLU	Combination	Min			0.	-264.58	-1.041E-18	0.6164	-4.614E-17
27	1.47692	INV_SLU	Combination	Min			0.	-205.828	-1.041E-18	0.6164	-4.614E-17
27	1.96923	INV_SLU	Combination	Min			0.	-147.077	-1.041E-18	0.6164	-4.614E-17
27	2.46154	INV_SLU	Combination	Min			0.	-88.326	-1.041E-18	0.6164	-4.614E-17
27	2.95385	INV_SLU	Combination	Min			0.	-29.575	-1.041E-18	0.6164	-4.614E-17
27	3.44615	INV_SLU	Combination	Min			0.	19.161	-1.041E-18	0.6164	-4.614E-17
27	3.93846	INV_SLU	Combination	Min			0.	57.752	-1.041E-18	0.6164	-4.614E-17
27	4.43077	INV_SLU	Combination	Min			0.	96.343	-1.041E-18	0.6164	-5.119E-17
27	4.92308	INV_SLU	Combination	Min			0.	134.934	-1.041E-18	0.6164	-5.695E-17
27	5.41538	INV_SLU	Combination	Min			0.	173.526	-1.041E-18	0.6164	-6.272E-17
27	5.90769	INV_SLU	Combination	Min			0.	212.117	-1.041E-18	0.6164	-6.848E-17
27	6.4	INV_SLU	Combination	Min			0.	250.708	-1.041E-18	0.6164	-7.425E-17
27	0.	INV_SLV	Combination	Max			0.	-164.812	1.978E-16	1.6018	2.563E-16
27	0.49231	INV_SLV	Combination	Max			0.	-138.789	1.978E-16	1.6018	2.199E-16
27	0.98462	INV_SLV	Combination	Max			0.	-112.767	1.978E-16	1.6018	1.950E-16
27	1.47692	INV_SLV	Combination	Max			0.	-86.744	1.978E-16	1.6018	1.734E-16
27	1.96923	INV_SLV	Combination	Max			0.	-60.721	1.978E-16	1.6018	1.531E-16
27	2.46154	INV_SLV	Combination	Max			0.	-34.698	1.978E-16	1.6018	2.358E-16
27	2.95385	INV_SLV	Combination	Max			0.	-8.676	1.978E-16	1.6018	3.257E-16
27	3.44615	INV_SLV	Combination	Max			0.	17.347	1.978E-16	1.6018	4.157E-16
27	3.93846	INV_SLV	Combination	Max			0.	43.37	1.978E-16	1.6018	5.059E-16
27	4.43077	INV_SLV	Combination	Max			0.	69.392	1.978E-16	1.6018	5.962E-16
27	4.92308	INV_SLV	Combination	Max			0.	95.415	1.978E-16	1.6018	6.865E-16
27	5.41538	INV_SLV	Combination	Max			0.	121.438	1.978E-16	1.6018	7.768E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
27	5.90769	INV_SLV	Combination	Max			0.	147.461	1.978E-16	1.6018	8.672E-16
27	6.4	INV_SLV	Combination	Max			0.	173.483	1.978E-16	1.6018	9.576E-16
27	0.	INV_SLV	Combination	Min			0.	-173.601	-1.839E-16	-0.7144	-2.632E-16
27	0.49231	INV_SLV	Combination	Min			0.	-147.578	-1.839E-16	-0.7144	-2.337E-16
27	0.98462	INV_SLV	Combination	Min			0.	-121.556	-1.839E-16	-0.7144	-2.156E-16
27	1.47692	INV_SLV	Combination	Min			0.	-95.533	-1.839E-16	-0.7144	-2.008E-16
27	1.96923	INV_SLV	Combination	Min			0.	-69.51	-1.839E-16	-0.7144	-1.873E-16
27	2.46154	INV_SLV	Combination	Min			0.	-43.487	-1.839E-16	-0.7144	-2.769E-16
27	2.95385	INV_SLV	Combination	Min			0.	-17.465	-1.839E-16	-0.7144	-3.736E-16
27	3.44615	INV_SLV	Combination	Min			0.	8.558	-1.839E-16	-0.7144	-4.705E-16
27	3.93846	INV_SLV	Combination	Min			0.	34.581	-1.839E-16	-0.7144	-5.675E-16
27	4.43077	INV_SLV	Combination	Min			0.	60.604	-1.839E-16	-0.7144	-6.646E-16
27	4.92308	INV_SLV	Combination	Min			0.	86.626	-1.839E-16	-0.7144	-7.617E-16
27	5.41538	INV_SLV	Combination	Min			0.	112.649	-1.839E-16	-0.7144	-8.589E-16
27	5.90769	INV_SLV	Combination	Min			0.	138.672	-1.839E-16	-0.7144	-9.561E-16
27	6.4	INV_SLV	Combination	Min			0.	164.694	-1.839E-16	-0.7144	-1.053E-15
28	0.	INV_SLU	Combination	Max			0.	-250.995	-2.602E-18	0.0054	-2.689E-18
28	0.49231	INV_SLU	Combination	Max			0.	-212.404	-2.602E-18	0.0054	-1.216E-18
28	0.98462	INV_SLU	Combination	Max			0.	-173.813	-2.602E-18	0.0054	2.575E-19
28	1.47692	INV_SLU	Combination	Max			0.	-135.221	-2.602E-18	0.0054	1.731E-18
28	1.96923	INV_SLU	Combination	Max			0.	-96.63	-2.602E-18	0.0054	3.204E-18
28	2.46154	INV_SLU	Combination	Max			0.	-58.039	-2.602E-18	0.0054	4.677E-18
28	2.95385	INV_SLU	Combination	Max			0.	-19.448	-2.602E-18	0.0054	6.150E-18
28	3.44615	INV_SLU	Combination	Max			0.	29.062	-2.602E-18	0.0054	7.623E-18
28	3.93846	INV_SLU	Combination	Max			0.	87.813	-2.602E-18	0.0054	9.097E-18
28	4.43077	INV_SLU	Combination	Max			0.	146.564	-2.602E-18	0.0054	1.180E-17
28	4.92308	INV_SLU	Combination	Max			0.	205.315	-2.602E-18	0.0054	1.469E-17
28	5.41538	INV_SLU	Combination	Max			0.	264.066	-2.602E-18	0.0054	1.757E-17
28	5.90769	INV_SLU	Combination	Max			0.	322.817	-2.602E-18	0.0054	2.045E-17
28	6.4	INV_SLU	Combination	Max			0.	381.569	-2.602E-18	0.0054	2.333E-17
28	0.	INV_SLU	Combination	Min			0.	-382.282	-5.855E-18	-0.0122	-5.317E-17
28	0.49231	INV_SLU	Combination	Min			0.	-323.531	-5.855E-18	-0.0122	-5.061E-17
28	0.98462	INV_SLU	Combination	Min			0.	-264.779	-5.855E-18	-0.0122	-4.805E-17
28	1.47692	INV_SLU	Combination	Min			0.	-206.028	-5.855E-18	-0.0122	-4.548E-17
28	1.96923	INV_SLU	Combination	Min			0.	-147.277	-5.855E-18	-0.0122	-4.292E-17
28	2.46154	INV_SLU	Combination	Min			0.	-88.526	-5.855E-18	-0.0122	-4.036E-17
28	2.95385	INV_SLU	Combination	Min			0.	-29.775	-5.855E-18	-0.0122	-3.780E-17
28	3.44615	INV_SLU	Combination	Min			0.	19.001	-5.855E-18	-0.0122	-3.523E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
28	3.93846	INV_SLU	Combination	Min			0.	57.592	-5.855E-18	-0.0122	-3.267E-17
28	4.43077	INV_SLU	Combination	Min			0.	96.183	-5.855E-18	-0.0122	-3.011E-17
28	4.92308	INV_SLU	Combination	Min			0.	134.774	-5.855E-18	-0.0122	-2.755E-17
28	5.41538	INV_SLU	Combination	Min			0.	173.365	-5.855E-18	-0.0122	-2.499E-17
28	5.90769	INV_SLU	Combination	Min			0.	211.957	-5.855E-18	-0.0122	-2.242E-17
28	6.4	INV_SLU	Combination	Min			0.	250.548	-5.855E-18	-0.0122	-1.986E-17
28	0.	INV_SLV	Combination	Max			0.	-164.939	3.317E-17	0.5617	5.282E-16
28	0.49231	INV_SLV	Combination	Max			0.	-138.916	3.317E-17	0.5617	5.158E-16
28	0.98462	INV_SLV	Combination	Max			0.	-112.893	3.317E-17	0.5617	5.035E-16
28	1.47692	INV_SLV	Combination	Max			0.	-86.87	3.317E-17	0.5617	4.912E-16
28	1.96923	INV_SLV	Combination	Max			0.	-60.848	3.317E-17	0.5617	4.790E-16
28	2.46154	INV_SLV	Combination	Max			0.	-34.825	3.317E-17	0.5617	4.669E-16
28	2.95385	INV_SLV	Combination	Max			0.	-8.802	3.317E-17	0.5617	4.548E-16
28	3.44615	INV_SLV	Combination	Max			0.	17.221	3.317E-17	0.5617	4.428E-16
28	3.93846	INV_SLV	Combination	Max			0.	43.243	3.317E-17	0.5617	4.308E-16
28	4.43077	INV_SLV	Combination	Max			0.	69.266	3.317E-17	0.5617	4.189E-16
28	4.92308	INV_SLV	Combination	Max			0.	95.289	3.317E-17	0.5617	4.070E-16
28	5.41538	INV_SLV	Combination	Max			0.	121.312	3.317E-17	0.5617	3.952E-16
28	5.90769	INV_SLV	Combination	Max			0.	147.334	3.317E-17	0.5617	3.929E-16
28	6.4	INV_SLV	Combination	Max			0.	173.357	3.317E-17	0.5617	4.051E-16
28	0.	INV_SLV	Combination	Min			0.	-173.712	-4.011E-17	-0.5682	-5.439E-16
28	0.49231	INV_SLV	Combination	Min			0.	-147.689	-4.011E-17	-0.5682	-5.280E-16
28	0.98462	INV_SLV	Combination	Min			0.	-121.666	-4.011E-17	-0.5682	-5.123E-16
28	1.47692	INV_SLV	Combination	Min			0.	-95.644	-4.011E-17	-0.5682	-4.966E-16
28	1.96923	INV_SLV	Combination	Min			0.	-69.621	-4.011E-17	-0.5682	-4.810E-16
28	2.46154	INV_SLV	Combination	Min			0.	-43.598	-4.011E-17	-0.5682	-4.654E-16
28	2.95385	INV_SLV	Combination	Min			0.	-17.575	-4.011E-17	-0.5682	-4.499E-16
28	3.44615	INV_SLV	Combination	Min			0.	8.447	-4.011E-17	-0.5682	-4.345E-16
28	3.93846	INV_SLV	Combination	Min			0.	34.47	-4.011E-17	-0.5682	-4.191E-16
28	4.43077	INV_SLV	Combination	Min			0.	60.493	-4.011E-17	-0.5682	-4.037E-16
28	4.92308	INV_SLV	Combination	Min			0.	86.516	-4.011E-17	-0.5682	-3.885E-16
28	5.41538	INV_SLV	Combination	Min			0.	112.538	-4.011E-17	-0.5682	-3.733E-16
28	5.90769	INV_SLV	Combination	Min			0.	138.561	-4.011E-17	-0.5682	-3.675E-16
28	6.4	INV_SLV	Combination	Min			0.	164.584	-4.011E-17	-0.5682	-3.763E-16
29	0.	INV_SLU	Combination	Max			-728.745	7.703	0.376	-0.0078	0.4264
29	1.75	INV_SLU	Combination	Max			-718.51	-2.797	0.376	-0.0078	-0.2152
29	3.5	INV_SLU	Combination	Max			-708.276	-4.344	0.376	-0.0078	-0.7088
29	0.	INV_SLU	Combination	Min			-996.866	-4.635	0.237	-0.0495	0.1036

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
29	1.75	INV_SLU	Combination	Min			-986.632	-4.635	0.237	-0.0495	-0.3209
29	3.5	INV_SLU	Combination	Min			-976.397	-13.297	0.237	-0.0495	-0.8893
29	0.	INV_SLV	Combination	Max			-478.882	16.784	9.463	0.9266	17.5563
29	1.75	INV_SLV	Combination	Max			-471.009	16.784	9.463	0.9266	1.0299
29	3.5	INV_SLV	Combination	Max			-463.137	16.784	9.463	0.9266	14.777
29	0.	INV_SLV	Combination	Min			-527.015	-23.089	-9.199	-0.9509	-17.4235
29	1.75	INV_SLV	Combination	Min			-519.143	-23.089	-9.199	-0.9509	-1.3593
29	3.5	INV_SLV	Combination	Min			-511.27	-23.089	-9.199	-0.9509	-15.5686
30	0.	INV_SLU	Combination	Max			-715.131	8.109	0.322	-0.0078	0.3647
30	1.75	INV_SLU	Combination	Max			-704.897	-2.391	0.322	-0.0078	-0.1997
30	3.5	INV_SLU	Combination	Max			-694.662	-4.371	0.322	-0.0078	-0.6746
30	0.	INV_SLU	Combination	Min			-976.984	-4.618	0.215	-0.0495	0.0784
30	1.75	INV_SLU	Combination	Min			-966.75	-4.618	0.215	-0.0495	-0.2981
30	3.5	INV_SLU	Combination	Min			-956.515	-12.891	0.215	-0.0495	-0.764
30	0.	INV_SLV	Combination	Max			-471.789	23.567	9.105	0.9266	17.1472
30	1.75	INV_SLV	Combination	Max			-463.916	23.567	9.105	0.9266	1.218
30	3.5	INV_SLV	Combination	Max			-456.043	23.567	9.105	0.9266	14.0364
30	0.	INV_SLV	Combination	Min			-515.361	-29.766	-8.886	-0.9509	-17.066
30	1.75	INV_SLV	Combination	Min			-507.488	-29.766	-8.886	-0.9509	-1.5207
30	3.5	INV_SLV	Combination	Min			-499.616	-29.766	-8.886	-0.9509	-14.7231
31	0.	INV_SLU	Combination	Max			-758.661	8.613	-2.524	-0.0078	-2.9214
31	1.75	INV_SLU	Combination	Max			-748.426	-1.887	-2.524	-0.0078	1.9588
31	3.5	INV_SLU	Combination	Max			-738.192	-4.326	-2.524	-0.0078	8.2125
31	0.	INV_SLU	Combination	Min			-1039.913	-4.512	-3.574	-0.0495	-4.295
31	1.75	INV_SLU	Combination	Min			-1029.679	-4.512	-3.574	-0.0495	1.4961
31	3.5	INV_SLU	Combination	Min			-1019.444	-12.387	-3.574	-0.0495	5.9137
31	0.	INV_SLV	Combination	Max			-493.396	31.066	7.519	0.9266	15.3167
31	1.75	INV_SLV	Combination	Max			-485.524	31.066	7.519	0.9266	2.1611
31	3.5	INV_SLV	Combination	Max			-477.651	31.066	7.519	0.9266	19.4437
31	0.	INV_SLV	Combination	Min			-553.257	-37.056	-11.192	-0.9509	-19.7277
31	1.75	INV_SLV	Combination	Min			-545.385	-37.056	-11.192	-0.9509	-0.1458
31	3.5	INV_SLV	Combination	Min			-537.512	-37.056	-11.192	-0.9509	-11.002
32	0.	INV_SLU	Combination	Max			-366.808	4.49	28.71	-0.0078	30.8198
32	1.75	INV_SLU	Combination	Max			-356.574	-0.76	24.916	-0.0078	-11.144
32	3.5	INV_SLU	Combination	Max			-346.339	-3.731	24.916	-0.0078	-39.9475
32	0.	INV_SLU	Combination	Min			-485.011	-3.846	18.629	-0.0495	21.4567
32	1.75	INV_SLU	Combination	Min			-474.777	-3.846	18.605	-0.0495	-16.0902
32	3.5	INV_SLU	Combination	Min			-464.542	-6.01	12.258	-0.0495	-58.614

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
32	0.	INV_SLV	Combination	Max			-225.461	39.837	19.941	0.9266	29.6535
32	1.75	INV_SLV	Combination	Max			-217.589	39.837	19.941	0.9266	-5.234
32	3.5	INV_SLV	Combination	Max			-209.716	39.837	19.941	0.9266	-18.8444
32	0.	INV_SLV	Combination	Min			-289.619	-45.044	5.133	-0.9509	-0.8815
32	1.75	INV_SLV	Combination	Min			-281.747	-45.044	5.133	-0.9509	-9.8744
32	3.5	INV_SLV	Combination	Min			-273.874	-45.044	5.133	-0.9509	-40.1443
34	0.	INV_SLU	Combination	Max			-1135.022	1.862	-0.051	-0.0078	-0.0969
34	1.75	INV_SLU	Combination	Max			-1124.787	1.862	-0.051	-0.0078	-0.0073
34	3.5	INV_SLU	Combination	Max			-1114.553	1.862	-0.051	-0.0078	0.7023
34	0.	INV_SLU	Combination	Min			-1656.352	-0.666	-0.436	-0.0495	-0.8223
34	1.75	INV_SLU	Combination	Min			-1646.118	-0.666	-0.436	-0.0495	-0.06
34	3.5	INV_SLU	Combination	Min			-1635.883	-0.666	-0.436	-0.0495	0.0823
34	0.	INV_SLV	Combination	Max			-777.233	25.324	7.336	0.9266	13.8626
34	1.75	INV_SLV	Combination	Max			-769.36	25.324	7.336	0.9266	1.0286
34	3.5	INV_SLV	Combination	Max			-761.487	25.324	7.336	0.9266	12.43
34	0.	INV_SLV	Combination	Min			-779.533	-25.797	-7.712	-0.9509	-14.5633
34	1.75	INV_SLV	Combination	Min			-771.66	-25.797	-7.712	-0.9509	-1.0712
34	3.5	INV_SLV	Combination	Min			-763.787	-25.797	-7.712	-0.9509	-11.8146
35	0.	INV_SLU	Combination	Max			-1134.852	2.468	0.031	-0.0078	-0.0026
35	1.75	INV_SLU	Combination	Max			-1124.617	2.468	0.031	-0.0078	-0.056
35	3.5	INV_SLU	Combination	Max			-1114.383	2.468	0.031	-0.0078	0.4312
35	0.	INV_SLU	Combination	Min			-1656.085	-0.536	-0.32	-0.0495	-0.6889
35	1.75	INV_SLU	Combination	Min			-1645.85	-0.536	-0.32	-0.0495	-0.1289
35	3.5	INV_SLU	Combination	Min			-1635.616	-0.536	-0.32	-0.0495	-0.1095
35	0.	INV_SLV	Combination	Max			-774.775	33.802	7.241	0.9266	13.753
35	1.75	INV_SLV	Combination	Max			-766.902	33.802	7.241	0.9266	1.0849
35	3.5	INV_SLV	Combination	Max			-759.03	33.802	7.241	0.9266	11.9285
35	0.	INV_SLV	Combination	Min			-781.957	-34.009	-7.498	-0.9509	-14.3164
35	1.75	INV_SLV	Combination	Min			-774.085	-34.009	-7.498	-0.9509	-1.1983
35	3.5	INV_SLV	Combination	Min			-766.212	-34.009	-7.498	-0.9509	-11.592
36	0.	INV_SLU	Combination	Max			-1143.178	3.05	-0.218	-0.0078	-0.2895
36	1.75	INV_SLU	Combination	Max			-1132.944	3.05	-0.218	-0.0078	0.1401
36	3.5	INV_SLU	Combination	Max			-1122.709	3.05	-0.218	-0.0078	1.4592
36	0.	INV_SLU	Combination	Min			-1669.24	-0.458	-0.758	-0.0495	-1.1948
36	1.75	INV_SLU	Combination	Min			-1659.006	-0.458	-0.758	-0.0495	0.0789
36	3.5	INV_SLU	Combination	Min			-1648.771	-0.458	-0.758	-0.0495	0.4736
36	0.	INV_SLV	Combination	Max			-767.28	43.004	8.26	0.9266	14.9291
36	1.75	INV_SLV	Combination	Max			-759.407	43.004	8.26	0.9266	0.4754

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
36	3.5	INV_SLV	Combination	Max			-751.534	43.004	8.26	0.9266	15.1715
36	0.	INV_SLV	Combination	Min			-800.68	-42.963	-8.881	-0.9509	-15.9135
36	1.75	INV_SLV	Combination	Min			-792.807	-42.963	-8.881	-0.9509	-0.3717
36	3.5	INV_SLV	Combination	Min			-784.935	-42.963	-8.881	-0.9509	-13.9796
37	0.	INV_SLU	Combination	Max			-210.265	0.832	-2.177	0.0266	-1.0075
37	0.7	INV_SLU	Combination	Max			-206.171	0.832	-2.177	0.0266	0.8937
37	0.7	INV_SLU	Combination	Max			-211.572	0.834	2.176	0.0169	1.3593
37	1.4	INV_SLU	Combination	Max			-207.479	0.834	2.176	0.0169	0.0048
37	1.4	INV_SLU	Combination	Max			-223.843	0.849	1.744	0.0773	0.0793
37	1.75	INV_SLU	Combination	Max			-221.796	0.849	1.744	0.0773	-0.4199
37	2.1	INV_SLU	Combination	Max			-219.749	0.849	1.744	0.0773	-0.8036
37	2.1	INV_SLU	Combination	Max			-259.951	0.864	-2.138	-0.0111	4.079
37	2.8	INV_SLU	Combination	Max			-255.857	0.864	-2.138	-0.0111	6.742
37	2.8	INV_SLU	Combination	Max			-320.983	0.907	96.807	0.0165	0.822
37	3.5	INV_SLU	Combination	Max			-316.89	0.907	96.807	0.0165	-43.8818
37	0.	INV_SLU	Combination	Min			-334.701	-1.221	-5.01	-0.0227	-2.6132
37	0.7	INV_SLU	Combination	Min			-330.607	-1.221	-5.01	-0.0227	0.5164
37	0.7	INV_SLU	Combination	Min			-329.381	-1.223	1.283	-0.0359	0.9029
37	1.4	INV_SLU	Combination	Min			-325.287	-1.223	1.283	-0.0359	-0.1639
37	1.4	INV_SLU	Combination	Min			-340.827	-1.212	0.923	-0.0107	-0.2308
37	1.75	INV_SLU	Combination	Min			-338.78	-1.212	0.923	-0.0107	-0.7355
37	2.1	INV_SLU	Combination	Min			-336.733	-1.212	0.923	-0.0107	-1.3094
37	2.1	INV_SLU	Combination	Min			-388.061	-1.206	-3.988	-0.0498	2.6163
37	2.8	INV_SLU	Combination	Min			-383.967	-1.206	-3.988	-0.0498	4.327
37	2.8	INV_SLU	Combination	Min			-471.891	-1.201	63.489	-0.3079	0.5608
37	3.5	INV_SLU	Combination	Min			-467.797	-1.201	63.489	-0.3079	-66.9431
37	0.	INV_SLV	Combination	Max			1025.926	25.327	47.749	0.8391	28.3037
37	0.7	INV_SLV	Combination	Max			1029.075	25.327	47.749	0.8391	6.1016
37	0.7	INV_SLV	Combination	Max			819.992	25.437	10.7	0.3262	4.1902
37	1.4	INV_SLV	Combination	Max			823.141	25.437	10.7	0.3262	3.2811
37	1.4	INV_SLV	Combination	Max			644.437	25.464	13.09	0.8021	6.2809
37	1.75	INV_SLV	Combination	Max			646.012	25.464	13.09	0.8021	1.7146
37	2.1	INV_SLV	Combination	Max			647.586	25.464	13.09	0.8021	1.7883
37	2.1	INV_SLV	Combination	Max			470.476	25.458	10.75	0.4601	7.4417
37	2.8	INV_SLV	Combination	Max			473.625	25.458	10.75	0.4601	6.0671
37	2.8	INV_SLV	Combination	Max			294.162	25.75	64.106	4.3664	4.1376
37	3.5	INV_SLV	Combination	Max			297.311	25.75	64.106	4.3664	-18.7254
37	0.	INV_SLV	Combination	Min			-1362.464	-26.481	-52.94	-0.8093	-30.957

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
37	0.7	INV_SLV	Combination	Min			-1359.315	-26.481	-52.94	-0.8093	-5.1211
37	0.7	INV_SLV	Combination	Min			-1148.245	-26.595	-8.814	-0.3219	-2.8901
37	1.4	INV_SLV	Combination	Min			-1145.096	-26.595	-8.814	-0.3219	-3.3011
37	1.4	INV_SLV	Combination	Min			-981.151	-26.606	-11.678	-0.7665	-6.413
37	1.75	INV_SLV	Combination	Min			-979.577	-26.606	-11.678	-0.7665	-2.3407
37	2.1	INV_SLV	Combination	Min			-978.002	-26.606	-11.678	-0.7665	-2.9084
37	2.1	INV_SLV	Combination	Min			-848.834	-26.585	-14.126	-0.4986	-3.8251
37	2.8	INV_SLV	Combination	Min			-845.685	-26.585	-14.126	-0.4986	-0.0875
37	2.8	INV_SLV	Combination	Min			-748.627	-26.847	22.057	-4.519	-3.2923
37	3.5	INV_SLV	Combination	Min			-745.478	-26.847	22.057	-4.519	-40.7437
38	0.	INV_SLU	Combination	Max			-28.867	1.523	3.393	0.2083	1.1183
38	0.7	INV_SLU	Combination	Max			-26.82	-0.577	1.234	0.2083	-0.3395
38	0.7	INV_SLU	Combination	Max			-24.443	1.035	1.327	0.5703	-0.0567
38	1.4	INV_SLU	Combination	Max			-22.396	-0.858	-0.131	0.5703	-0.0972
38	1.4	INV_SLU	Combination	Max			-23.919	0.663	1.394	0.502	0.0468
38	1.75	INV_SLU	Combination	Max			-22.895	-0.387	0.125	0.502	-0.18
38	2.1	INV_SLU	Combination	Max			-21.872	-0.841	-0.146	0.502	-0.0406
38	2.1	INV_SLU	Combination	Max			-26.02	0.227	0.936	0.5766	0.0219
38	2.8	INV_SLU	Combination	Max			-23.973	-0.889	-0.61	0.5766	0.2778
38	2.8	INV_SLU	Combination	Max			-32.094	-0.531	2.018	-1.6234	-0.2621
38	3.5	INV_SLU	Combination	Max			-30.047	-1.132	1.118	-1.6234	-0.7861
38	0.	INV_SLU	Combination	Min			-52.725	-0.906	0.933	0.1349	0.3135
38	0.7	INV_SLU	Combination	Min			-50.678	-0.906	0.854	0.1349	-0.4659
38	0.7	INV_SLU	Combination	Min			-42.142	-0.864	-0.164	0.4146	-0.3079
38	1.4	INV_SLU	Combination	Min			-40.095	-1.065	-1.212	0.4146	-0.2163
38	1.4	INV_SLU	Combination	Min			-37.288	-0.847	-0.167	0.4235	-0.3061
38	1.75	INV_SLU	Combination	Min			-36.264	-0.847	-0.167	0.4235	-0.2783
38	2.1	INV_SLU	Combination	Min			-35.241	-1.437	-1.145	0.4235	-0.2037
38	2.1	INV_SLU	Combination	Min			-35.846	-0.897	-0.727	0.5372	-0.2558
38	2.8	INV_SLU	Combination	Min			-33.799	-1.873	-1.603	0.5372	0.2142
38	2.8	INV_SLU	Combination	Min			-39.045	-1.147	0.577	-1.8555	-0.5785
38	3.5	INV_SLU	Combination	Min			-36.998	-2.631	-0.521	-1.8555	-1.3612
38	0.	INV_SLV	Combination	Max			667.36	5.437	28.306	0.3411	15.885
38	0.7	INV_SLV	Combination	Max			668.935	5.437	28.306	0.3411	3.4025
38	0.7	INV_SLV	Combination	Max			528.612	5.469	5.222	0.9647	1.6027
38	1.4	INV_SLV	Combination	Max			530.187	5.469	5.222	0.9647	1.8232
38	1.4	INV_SLV	Combination	Max			426.433	5.45	7.089	1.4521	3.5966
38	1.75	INV_SLV	Combination	Max			427.22	5.45	7.089	1.4521	1.1245

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
38	2.1	INV_SLV	Combination	Max			428.007	5.45	7.089	1.4521	1.204
38	2.1	INV_SLV	Combination	Max			338.12	5.392	6.526	1.687	2.4995
38	2.8	INV_SLV	Combination	Max			339.694	5.392	6.526	1.687	2.3306
38	2.8	INV_SLV	Combination	Max			259.805	5.421	6.225	0.2686	1.5816
38	3.5	INV_SLV	Combination	Max			261.38	5.421	6.225	0.2686	1.7159
38	0.	INV_SLV	Combination	Min			-718.169	-6.569	-26.633	-0.0577	-15.2407
38	0.7	INV_SLV	Combination	Min			-716.595	-6.569	-26.633	-0.0577	-3.9295
38	0.7	INV_SLV	Combination	Min			-571.149	-6.544	-5.396	-0.2035	-1.9542
38	1.4	INV_SLV	Combination	Min			-569.574	-6.544	-5.396	-0.2035	-2.0526
38	1.4	INV_SLV	Combination	Min			-466.73	-6.502	-7.242	-0.789	-3.8836
38	1.75	INV_SLV	Combination	Min			-465.943	-6.502	-7.242	-0.789	-1.3579
38	2.1	INV_SLV	Combination	Min			-465.155	-6.502	-7.242	-0.789	-1.3837
38	2.1	INV_SLV	Combination	Min			-380.112	-6.51	-7.289	-0.9559	-2.772
38	2.8	INV_SLV	Combination	Min			-378.538	-6.51	-7.289	-0.9559	-2.0686
38	2.8	INV_SLV	Combination	Min			-309.302	-6.872	-5.474	-2.7448	-2.2011
38	3.5	INV_SLV	Combination	Min			-307.728	-6.872	-5.474	-2.7448	-2.8613
39	0.	INV_SLU	Combination	Max			0.	-22.619	6.505E-18	-0.089	1.284E-17
39	0.4875	INV_SLU	Combination	Max			0.	-19.768	6.505E-18	-0.089	1.030E-17
39	0.975	INV_SLU	Combination	Max			0.	-16.917	6.505E-18	-0.089	7.763E-18
39	1.4625	INV_SLU	Combination	Max			0.	-14.066	6.505E-18	-0.089	5.226E-18
39	1.95	INV_SLU	Combination	Max			0.	-11.215	6.505E-18	-0.089	2.689E-18
39	2.4375	INV_SLU	Combination	Max			0.	-8.364	6.505E-18	-0.089	1.518E-19
39	2.925	INV_SLU	Combination	Max			0.	-5.513	6.505E-18	-0.089	-2.385E-18
39	3.4125	INV_SLU	Combination	Max			0.	-2.662	6.505E-18	-0.089	-4.922E-18
39	3.9	INV_SLU	Combination	Max			0.	0.189	6.505E-18	-0.089	-7.459E-18
39	4.3875	INV_SLU	Combination	Max			0.	3.04	6.505E-18	-0.089	-9.996E-18
39	4.875	INV_SLU	Combination	Max			0.	5.891	6.505E-18	-0.089	-1.253E-17
39	5.3625	INV_SLU	Combination	Max			0.	8.742	6.505E-18	-0.089	-1.507E-17
39	5.85	INV_SLU	Combination	Max			0.	11.593	6.505E-18	-0.089	-1.761E-17
39	6.3375	INV_SLU	Combination	Max			0.	14.444	6.505E-18	-0.089	-2.014E-17
39	6.825	INV_SLU	Combination	Max			0.	17.295	6.505E-18	-0.089	-2.268E-17
39	7.3125	INV_SLU	Combination	Max			0.	20.146	6.505E-18	-0.089	-2.522E-17
39	7.8	INV_SLU	Combination	Max			0.	22.997	6.505E-18	-0.089	-2.776E-17
39	0.	INV_SLU	Combination	Min			0.	-24.09	4.814E-18	-0.1446	-2.255E-18
39	0.4875	INV_SLU	Combination	Min			0.	-21.239	4.814E-18	-0.1446	-5.109E-18
39	0.975	INV_SLU	Combination	Min			0.	-18.388	4.814E-18	-0.1446	-7.963E-18
39	1.4625	INV_SLU	Combination	Min			0.	-15.537	4.814E-18	-0.1446	-1.082E-17
39	1.95	INV_SLU	Combination	Min			0.	-12.686	4.814E-18	-0.1446	-1.367E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
39	2.4375	INV_SLU	Combination	Min			0.	-9.835	4.814E-18	-0.1446	-1.653E-17
39	2.925	INV_SLU	Combination	Min			0.	-6.984	4.814E-18	-0.1446	-1.938E-17
39	3.4125	INV_SLU	Combination	Min			0.	-4.133	4.814E-18	-0.1446	-2.223E-17
39	3.9	INV_SLU	Combination	Min			0.	-1.282	4.814E-18	-0.1446	-2.509E-17
39	4.3875	INV_SLU	Combination	Min			0.	1.569	4.814E-18	-0.1446	-2.794E-17
39	4.875	INV_SLU	Combination	Min			0.	4.42	4.814E-18	-0.1446	-3.080E-17
39	5.3625	INV_SLU	Combination	Min			0.	7.271	4.814E-18	-0.1446	-3.365E-17
39	5.85	INV_SLU	Combination	Min			0.	10.122	4.814E-18	-0.1446	-3.651E-17
39	6.3375	INV_SLU	Combination	Min			0.	12.973	4.814E-18	-0.1446	-3.936E-17
39	6.825	INV_SLU	Combination	Min			0.	15.825	4.814E-18	-0.1446	-4.221E-17
39	7.3125	INV_SLU	Combination	Min			0.	18.676	4.814E-18	-0.1446	-4.507E-17
39	7.8	INV_SLU	Combination	Min			0.	21.527	4.814E-18	-0.1446	-4.792E-17
39	0.	INV_SLV	Combination	Max			0.	-7.765	7.024E-17	0.3455	5.012E-16
39	0.4875	INV_SLV	Combination	Max			0.	-5.572	7.024E-17	0.3455	4.886E-16
39	0.975	INV_SLV	Combination	Max			0.	-3.379	7.024E-17	0.3455	4.766E-16
39	1.4625	INV_SLV	Combination	Max			0.	-1.186	7.024E-17	0.3455	4.652E-16
39	1.95	INV_SLV	Combination	Max			0.	1.008	7.024E-17	0.3455	4.545E-16
39	2.4375	INV_SLV	Combination	Max			0.	3.201	7.024E-17	0.3455	4.481E-16
39	2.925	INV_SLV	Combination	Max			0.	5.394	7.024E-17	0.3455	4.426E-16
39	3.4125	INV_SLV	Combination	Max			0.	7.587	7.024E-17	0.3455	4.546E-16
39	3.9	INV_SLV	Combination	Max			0.	9.78	7.024E-17	0.3455	4.783E-16
39	4.3875	INV_SLV	Combination	Max			0.	11.973	7.024E-17	0.3455	5.024E-16
39	4.875	INV_SLV	Combination	Max			0.	14.166	7.024E-17	0.3455	5.269E-16
39	5.3625	INV_SLV	Combination	Max			0.	16.359	7.024E-17	0.3455	5.519E-16
39	5.85	INV_SLV	Combination	Max			0.	18.552	7.024E-17	0.3455	5.773E-16
39	6.3375	INV_SLV	Combination	Max			0.	20.745	7.024E-17	0.3455	6.030E-16
39	6.825	INV_SLV	Combination	Max			0.	22.939	7.024E-17	0.3455	6.291E-16
39	7.3125	INV_SLV	Combination	Max			0.	25.132	7.024E-17	0.3455	6.554E-16
39	7.8	INV_SLV	Combination	Max			0.	27.325	7.024E-17	0.3455	6.821E-16
39	0.	INV_SLV	Combination	Min			0.	-27.872	-6.590E-17	-0.4928	-5.047E-16
39	0.4875	INV_SLV	Combination	Min			0.	-25.679	-6.590E-17	-0.4928	-4.941E-16
39	0.975	INV_SLV	Combination	Min			0.	-23.486	-6.590E-17	-0.4928	-4.843E-16
39	1.4625	INV_SLV	Combination	Min			0.	-21.293	-6.590E-17	-0.4928	-4.751E-16
39	1.95	INV_SLV	Combination	Min			0.	-19.1	-6.590E-17	-0.4928	-4.664E-16
39	2.4375	INV_SLV	Combination	Min			0.	-16.906	-6.590E-17	-0.4928	-4.621E-16
39	2.925	INV_SLV	Combination	Min			0.	-14.713	-6.590E-17	-0.4928	-4.588E-16
39	3.4125	INV_SLV	Combination	Min			0.	-12.52	-6.590E-17	-0.4928	-4.729E-16
39	3.9	INV_SLV	Combination	Min			0.	-10.327	-6.590E-17	-0.4928	-4.987E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
39	4.3875	INV_SLV	Combination	Min			0.	-8.134	-6.590E-17	-0.4928	-5.249E-16
39	4.875	INV_SLV	Combination	Min			0.	-5.941	-6.590E-17	-0.4928	-5.516E-16
39	5.3625	INV_SLV	Combination	Min			0.	-3.748	-6.590E-17	-0.4928	-5.786E-16
39	5.85	INV_SLV	Combination	Min			0.	-1.555	-6.590E-17	-0.4928	-6.061E-16
39	6.3375	INV_SLV	Combination	Min			0.	0.638	-6.590E-17	-0.4928	-6.340E-16
39	6.825	INV_SLV	Combination	Min			0.	2.832	-6.590E-17	-0.4928	-6.621E-16
39	7.3125	INV_SLV	Combination	Min			0.	5.025	-6.590E-17	-0.4928	-6.906E-16
39	7.8	INV_SLV	Combination	Min			0.	7.218	-6.590E-17	-0.4928	-7.194E-16
40	0.	INV_SLU	Combination	Max			0.	-22.442	6.505E-18	-0.0631	1.284E-17
40	0.4875	INV_SLU	Combination	Max			0.	-19.591	6.505E-18	-0.0631	1.030E-17
40	0.975	INV_SLU	Combination	Max			0.	-16.74	6.505E-18	-0.0631	7.763E-18
40	1.4625	INV_SLU	Combination	Max			0.	-13.889	6.505E-18	-0.0631	5.226E-18
40	1.95	INV_SLU	Combination	Max			0.	-11.038	6.505E-18	-0.0631	2.689E-18
40	2.4375	INV_SLU	Combination	Max			0.	-8.187	6.505E-18	-0.0631	1.518E-19
40	2.925	INV_SLU	Combination	Max			0.	-5.336	6.505E-18	-0.0631	-2.385E-18
40	3.4125	INV_SLU	Combination	Max			0.	-2.485	6.505E-18	-0.0631	-4.922E-18
40	3.9	INV_SLU	Combination	Max			0.	0.366	6.505E-18	-0.0631	-7.459E-18
40	4.3875	INV_SLU	Combination	Max			0.	3.217	6.505E-18	-0.0631	-9.996E-18
40	4.875	INV_SLU	Combination	Max			0.	6.068	6.505E-18	-0.0631	-1.253E-17
40	5.3625	INV_SLU	Combination	Max			0.	8.919	6.505E-18	-0.0631	-1.507E-17
40	5.85	INV_SLU	Combination	Max			0.	11.77	6.505E-18	-0.0631	-1.761E-17
40	6.3375	INV_SLU	Combination	Max			0.	14.621	6.505E-18	-0.0631	-2.014E-17
40	6.825	INV_SLU	Combination	Max			0.	17.472	6.505E-18	-0.0631	-2.268E-17
40	7.3125	INV_SLU	Combination	Max			0.	20.323	6.505E-18	-0.0631	-2.522E-17
40	7.8	INV_SLU	Combination	Max			0.	23.174	6.505E-18	-0.0631	-2.776E-17
40	0.	INV_SLU	Combination	Min			0.	-24.057	4.814E-18	-0.0933	-2.255E-18
40	0.4875	INV_SLU	Combination	Min			0.	-21.206	4.814E-18	-0.0933	-5.109E-18
40	0.975	INV_SLU	Combination	Min			0.	-18.355	4.814E-18	-0.0933	-7.963E-18
40	1.4625	INV_SLU	Combination	Min			0.	-15.504	4.814E-18	-0.0933	-1.082E-17
40	1.95	INV_SLU	Combination	Min			0.	-12.653	4.814E-18	-0.0933	-1.367E-17
40	2.4375	INV_SLU	Combination	Min			0.	-9.802	4.814E-18	-0.0933	-1.653E-17
40	2.925	INV_SLU	Combination	Min			0.	-6.951	4.814E-18	-0.0933	-1.938E-17
40	3.4125	INV_SLU	Combination	Min			0.	-4.1	4.814E-18	-0.0933	-2.223E-17
40	3.9	INV_SLU	Combination	Min			0.	-1.249	4.814E-18	-0.0933	-2.509E-17
40	4.3875	INV_SLU	Combination	Min			0.	1.602	4.814E-18	-0.0933	-2.794E-17
40	4.875	INV_SLU	Combination	Min			0.	4.453	4.814E-18	-0.0933	-3.080E-17
40	5.3625	INV_SLU	Combination	Min			0.	7.305	4.814E-18	-0.0933	-3.365E-17
40	5.85	INV_SLU	Combination	Min			0.	10.156	4.814E-18	-0.0933	-3.651E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
40	6.3375	INV_SLU	Combination	Min			0.	13.007	4.814E-18	-0.0933	-3.936E-17
40	6.825	INV_SLU	Combination	Min			0.	15.858	4.814E-18	-0.0933	-4.221E-17
40	7.3125	INV_SLU	Combination	Min			0.	18.709	4.814E-18	-0.0933	-4.507E-17
40	7.8	INV_SLU	Combination	Min			0.	21.56	4.814E-18	-0.0933	-4.792E-17
40	0.	INV_SLV	Combination	Max			0.	-4.836	7.024E-17	0.3041	5.012E-16
40	0.4875	INV_SLV	Combination	Max			0.	-2.643	7.024E-17	0.3041	4.886E-16
40	0.975	INV_SLV	Combination	Max			0.	-0.45	7.024E-17	0.3041	4.766E-16
40	1.4625	INV_SLV	Combination	Max			0.	1.743	7.024E-17	0.3041	4.652E-16
40	1.95	INV_SLV	Combination	Max			0.	3.937	7.024E-17	0.3041	4.545E-16
40	2.4375	INV_SLV	Combination	Max			0.	6.13	7.024E-17	0.3041	4.481E-16
40	2.925	INV_SLV	Combination	Max			0.	8.323	7.024E-17	0.3041	4.426E-16
40	3.4125	INV_SLV	Combination	Max			0.	10.516	7.024E-17	0.3041	4.546E-16
40	3.9	INV_SLV	Combination	Max			0.	12.709	7.024E-17	0.3041	4.783E-16
40	4.3875	INV_SLV	Combination	Max			0.	14.902	7.024E-17	0.3041	5.024E-16
40	4.875	INV_SLV	Combination	Max			0.	17.095	7.024E-17	0.3041	5.269E-16
40	5.3625	INV_SLV	Combination	Max			0.	19.288	7.024E-17	0.3041	5.519E-16
40	5.85	INV_SLV	Combination	Max			0.	21.481	7.024E-17	0.3041	5.773E-16
40	6.3375	INV_SLV	Combination	Max			0.	23.675	7.024E-17	0.3041	6.030E-16
40	6.825	INV_SLV	Combination	Max			0.	25.868	7.024E-17	0.3041	6.291E-16
40	7.3125	INV_SLV	Combination	Max			0.	28.061	7.024E-17	0.3041	6.554E-16
40	7.8	INV_SLV	Combination	Max			0.	30.254	7.024E-17	0.3041	6.821E-16
40	0.	INV_SLV	Combination	Min			0.	-30.719	-6.590E-17	-0.4013	-5.047E-16
40	0.4875	INV_SLV	Combination	Min			0.	-28.526	-6.590E-17	-0.4013	-4.941E-16
40	0.975	INV_SLV	Combination	Min			0.	-26.333	-6.590E-17	-0.4013	-4.843E-16
40	1.4625	INV_SLV	Combination	Min			0.	-24.14	-6.590E-17	-0.4013	-4.751E-16
40	1.95	INV_SLV	Combination	Min			0.	-21.947	-6.590E-17	-0.4013	-4.664E-16
40	2.4375	INV_SLV	Combination	Min			0.	-19.754	-6.590E-17	-0.4013	-4.621E-16
40	2.925	INV_SLV	Combination	Min			0.	-17.561	-6.590E-17	-0.4013	-4.588E-16
40	3.4125	INV_SLV	Combination	Min			0.	-15.368	-6.590E-17	-0.4013	-4.729E-16
40	3.9	INV_SLV	Combination	Min			0.	-13.174	-6.590E-17	-0.4013	-4.987E-16
40	4.3875	INV_SLV	Combination	Min			0.	-10.981	-6.590E-17	-0.4013	-5.249E-16
40	4.875	INV_SLV	Combination	Min			0.	-8.788	-6.590E-17	-0.4013	-5.516E-16
40	5.3625	INV_SLV	Combination	Min			0.	-6.595	-6.590E-17	-0.4013	-5.786E-16
40	5.85	INV_SLV	Combination	Min			0.	-4.402	-6.590E-17	-0.4013	-6.061E-16
40	6.3375	INV_SLV	Combination	Min			0.	-2.209	-6.590E-17	-0.4013	-6.340E-16
40	6.825	INV_SLV	Combination	Min			0.	-0.016	-6.590E-17	-0.4013	-6.621E-16
40	7.3125	INV_SLV	Combination	Min			0.	2.177	-6.590E-17	-0.4013	-6.906E-16
40	7.8	INV_SLV	Combination	Min			0.	4.37	-6.590E-17	-0.4013	-7.194E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
41	0.	INV_SLU	Combination	Max			0.	-22.155	6.505E-18	0.938	1.284E-17
41	0.4875	INV_SLU	Combination	Max			0.	-19.304	6.505E-18	0.938	1.030E-17
41	0.975	INV_SLU	Combination	Max			0.	-16.453	6.505E-18	0.938	7.763E-18
41	1.4625	INV_SLU	Combination	Max			0.	-13.602	6.505E-18	0.938	5.226E-18
41	1.95	INV_SLU	Combination	Max			0.	-10.751	6.505E-18	0.938	2.689E-18
41	2.4375	INV_SLU	Combination	Max			0.	-7.9	6.505E-18	0.938	1.518E-19
41	2.925	INV_SLU	Combination	Max			0.	-5.049	6.505E-18	0.938	-2.385E-18
41	3.4125	INV_SLU	Combination	Max			0.	-2.198	6.505E-18	0.938	-4.922E-18
41	3.9	INV_SLU	Combination	Max			0.	0.653	6.505E-18	0.938	-7.459E-18
41	4.3875	INV_SLU	Combination	Max			0.	3.505	6.505E-18	0.938	-9.996E-18
41	4.875	INV_SLU	Combination	Max			0.	6.356	6.505E-18	0.938	-1.253E-17
41	5.3625	INV_SLU	Combination	Max			0.	9.207	6.505E-18	0.938	-1.507E-17
41	5.85	INV_SLU	Combination	Max			0.	12.058	6.505E-18	0.938	-1.761E-17
41	6.3375	INV_SLU	Combination	Max			0.	14.909	6.505E-18	0.938	-2.014E-17
41	6.825	INV_SLU	Combination	Max			0.	17.76	6.505E-18	0.938	-2.268E-17
41	7.3125	INV_SLU	Combination	Max			0.	20.611	6.505E-18	0.938	-2.522E-17
41	7.8	INV_SLU	Combination	Max			0.	23.462	6.505E-18	0.938	-2.776E-17
41	0.	INV_SLU	Combination	Min			0.	-23.859	4.814E-18	0.721	-2.255E-18
41	0.4875	INV_SLU	Combination	Min			0.	-21.008	4.814E-18	0.721	-5.109E-18
41	0.975	INV_SLU	Combination	Min			0.	-18.157	4.814E-18	0.721	-7.963E-18
41	1.4625	INV_SLU	Combination	Min			0.	-15.306	4.814E-18	0.721	-1.082E-17
41	1.95	INV_SLU	Combination	Min			0.	-12.455	4.814E-18	0.721	-1.367E-17
41	2.4375	INV_SLU	Combination	Min			0.	-9.604	4.814E-18	0.721	-1.653E-17
41	2.925	INV_SLU	Combination	Min			0.	-6.753	4.814E-18	0.721	-1.938E-17
41	3.4125	INV_SLU	Combination	Min			0.	-3.902	4.814E-18	0.721	-2.223E-17
41	3.9	INV_SLU	Combination	Min			0.	-1.051	4.814E-18	0.721	-2.509E-17
41	4.3875	INV_SLU	Combination	Min			0.	1.8	4.814E-18	0.721	-2.794E-17
41	4.875	INV_SLU	Combination	Min			0.	4.651	4.814E-18	0.721	-3.080E-17
41	5.3625	INV_SLU	Combination	Min			0.	7.503	4.814E-18	0.721	-3.365E-17
41	5.85	INV_SLU	Combination	Min			0.	10.354	4.814E-18	0.721	-3.651E-17
41	6.3375	INV_SLU	Combination	Min			0.	13.205	4.814E-18	0.721	-3.936E-17
41	6.825	INV_SLU	Combination	Min			0.	16.056	4.814E-18	0.721	-4.221E-17
41	7.3125	INV_SLU	Combination	Min			0.	18.907	4.814E-18	0.721	-4.507E-17
41	7.8	INV_SLU	Combination	Min			0.	21.758	4.814E-18	0.721	-4.792E-17
41	0.	INV_SLV	Combination	Max			0.	-1.567	7.024E-17	0.8877	5.012E-16
41	0.4875	INV_SLV	Combination	Max			0.	0.626	7.024E-17	0.8877	4.886E-16
41	0.975	INV_SLV	Combination	Max			0.	2.819	7.024E-17	0.8877	4.766E-16
41	1.4625	INV_SLV	Combination	Max			0.	5.012	7.024E-17	0.8877	4.652E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
41	1.95	INV_SLV	Combination	Max			0.	7.205	7.024E-17	0.8877	4.545E-16
41	2.4375	INV_SLV	Combination	Max			0.	9.398	7.024E-17	0.8877	4.481E-16
41	2.925	INV_SLV	Combination	Max			0.	11.591	7.024E-17	0.8877	4.426E-16
41	3.4125	INV_SLV	Combination	Max			0.	13.784	7.024E-17	0.8877	4.546E-16
41	3.9	INV_SLV	Combination	Max			0.	15.977	7.024E-17	0.8877	4.783E-16
41	4.3875	INV_SLV	Combination	Max			0.	18.171	7.024E-17	0.8877	5.024E-16
41	4.875	INV_SLV	Combination	Max			0.	20.364	7.024E-17	0.8877	5.269E-16
41	5.3625	INV_SLV	Combination	Max			0.	22.557	7.024E-17	0.8877	5.519E-16
41	5.85	INV_SLV	Combination	Max			0.	24.75	7.024E-17	0.8877	5.773E-16
41	6.3375	INV_SLV	Combination	Max			0.	26.943	7.024E-17	0.8877	6.030E-16
41	6.825	INV_SLV	Combination	Max			0.	29.136	7.024E-17	0.8877	6.291E-16
41	7.3125	INV_SLV	Combination	Max			0.	31.329	7.024E-17	0.8877	6.554E-16
41	7.8	INV_SLV	Combination	Max			0.	33.522	7.024E-17	0.8877	6.821E-16
41	0.	INV_SLV	Combination	Min			0.	-33.749	-6.590E-17	0.0939	-5.047E-16
41	0.4875	INV_SLV	Combination	Min			0.	-31.556	-6.590E-17	0.0939	-4.941E-16
41	0.975	INV_SLV	Combination	Min			0.	-29.363	-6.590E-17	0.0939	-4.843E-16
41	1.4625	INV_SLV	Combination	Min			0.	-27.17	-6.590E-17	0.0939	-4.751E-16
41	1.95	INV_SLV	Combination	Min			0.	-24.977	-6.590E-17	0.0939	-4.664E-16
41	2.4375	INV_SLV	Combination	Min			0.	-22.783	-6.590E-17	0.0939	-4.621E-16
41	2.925	INV_SLV	Combination	Min			0.	-20.59	-6.590E-17	0.0939	-4.588E-16
41	3.4125	INV_SLV	Combination	Min			0.	-18.397	-6.590E-17	0.0939	-4.729E-16
41	3.9	INV_SLV	Combination	Min			0.	-16.204	-6.590E-17	0.0939	-4.987E-16
41	4.3875	INV_SLV	Combination	Min			0.	-14.011	-6.590E-17	0.0939	-5.249E-16
41	4.875	INV_SLV	Combination	Min			0.	-11.818	-6.590E-17	0.0939	-5.516E-16
41	5.3625	INV_SLV	Combination	Min			0.	-9.625	-6.590E-17	0.0939	-5.786E-16
41	5.85	INV_SLV	Combination	Min			0.	-7.432	-6.590E-17	0.0939	-6.061E-16
41	6.3375	INV_SLV	Combination	Min			0.	-5.239	-6.590E-17	0.0939	-6.340E-16
41	6.825	INV_SLV	Combination	Min			0.	-3.046	-6.590E-17	0.0939	-6.621E-16
41	7.3125	INV_SLV	Combination	Min			0.	-0.852	-6.590E-17	0.0939	-6.906E-16
41	7.8	INV_SLV	Combination	Min			0.	1.341	-6.590E-17	0.0939	-7.194E-16
42	0.	INV_SLU	Combination	Max			0.	-20.763	6.505E-18	-3.7872	1.284E-17
42	0.4875	INV_SLU	Combination	Max			0.	-17.912	6.505E-18	-3.7872	1.030E-17
42	0.975	INV_SLU	Combination	Max			0.	-15.061	6.505E-18	-3.7872	7.763E-18
42	1.4625	INV_SLU	Combination	Max			0.	-12.21	6.505E-18	-3.7872	5.226E-18
42	1.95	INV_SLU	Combination	Max			0.	-9.359	6.505E-18	-3.7872	2.689E-18
42	2.4375	INV_SLU	Combination	Max			0.	-6.508	6.505E-18	-3.7872	1.518E-19
42	2.925	INV_SLU	Combination	Max			0.	-3.657	6.505E-18	-3.7872	-2.385E-18
42	3.4125	INV_SLU	Combination	Max			0.	-0.806	6.505E-18	-3.7872	-4.922E-18

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
42	3.9	INV_SLU	Combination	Max			0.	2.045	6.505E-18	-3.7872	-7.459E-18
42	4.3875	INV_SLU	Combination	Max			0.	4.896	6.505E-18	-3.7872	-9.996E-18
42	4.875	INV_SLU	Combination	Max			0.	7.747	6.505E-18	-3.7872	-1.253E-17
42	5.3625	INV_SLU	Combination	Max			0.	10.598	6.505E-18	-3.7872	-1.507E-17
42	5.85	INV_SLU	Combination	Max			0.	13.449	6.505E-18	-3.7872	-1.761E-17
42	6.3375	INV_SLU	Combination	Max			0.	16.3	6.505E-18	-3.7872	-2.014E-17
42	6.825	INV_SLU	Combination	Max			0.	19.151	6.505E-18	-3.7872	-2.268E-17
42	7.3125	INV_SLU	Combination	Max			0.	22.002	6.505E-18	-3.7872	-2.522E-17
42	7.8	INV_SLU	Combination	Max			0.	24.853	6.505E-18	-3.7872	-2.776E-17
42	0.	INV_SLU	Combination	Min			0.	-22.	4.814E-18	-4.7773	-2.255E-18
42	0.4875	INV_SLU	Combination	Min			0.	-19.149	4.814E-18	-4.7773	-5.109E-18
42	0.975	INV_SLU	Combination	Min			0.	-16.298	4.814E-18	-4.7773	-7.963E-18
42	1.4625	INV_SLU	Combination	Min			0.	-13.447	4.814E-18	-4.7773	-1.082E-17
42	1.95	INV_SLU	Combination	Min			0.	-10.596	4.814E-18	-4.7773	-1.367E-17
42	2.4375	INV_SLU	Combination	Min			0.	-7.745	4.814E-18	-4.7773	-1.653E-17
42	2.925	INV_SLU	Combination	Min			0.	-4.894	4.814E-18	-4.7773	-1.938E-17
42	3.4125	INV_SLU	Combination	Min			0.	-2.043	4.814E-18	-4.7773	-2.223E-17
42	3.9	INV_SLU	Combination	Min			0.	0.808	4.814E-18	-4.7773	-2.509E-17
42	4.3875	INV_SLU	Combination	Min			0.	3.659	4.814E-18	-4.7773	-2.794E-17
42	4.875	INV_SLU	Combination	Min			0.	6.51	4.814E-18	-4.7773	-3.080E-17
42	5.3625	INV_SLU	Combination	Min			0.	9.361	4.814E-18	-4.7773	-3.365E-17
42	5.85	INV_SLU	Combination	Min			0.	12.212	4.814E-18	-4.7773	-3.651E-17
42	6.3375	INV_SLU	Combination	Min			0.	15.063	4.814E-18	-4.7773	-3.936E-17
42	6.825	INV_SLU	Combination	Min			0.	17.914	4.814E-18	-4.7773	-4.221E-17
42	7.3125	INV_SLU	Combination	Min			0.	20.765	4.814E-18	-4.7773	-4.507E-17
42	7.8	INV_SLU	Combination	Min			0.	23.617	4.814E-18	-4.7773	-4.792E-17
42	0.	INV_SLV	Combination	Max			0.	4.19	7.024E-17	-1.9101	5.012E-16
42	0.4875	INV_SLV	Combination	Max			0.	6.383	7.024E-17	-1.9101	4.886E-16
42	0.975	INV_SLV	Combination	Max			0.	8.576	7.024E-17	-1.9101	4.766E-16
42	1.4625	INV_SLV	Combination	Max			0.	10.769	7.024E-17	-1.9101	4.652E-16
42	1.95	INV_SLV	Combination	Max			0.	12.962	7.024E-17	-1.9101	4.545E-16
42	2.4375	INV_SLV	Combination	Max			0.	15.155	7.024E-17	-1.9101	4.481E-16
42	2.925	INV_SLV	Combination	Max			0.	17.348	7.024E-17	-1.9101	4.426E-16
42	3.4125	INV_SLV	Combination	Max			0.	19.541	7.024E-17	-1.9101	4.546E-16
42	3.9	INV_SLV	Combination	Max			0.	21.734	7.024E-17	-1.9101	4.783E-16
42	4.3875	INV_SLV	Combination	Max			0.	23.928	7.024E-17	-1.9101	5.024E-16
42	4.875	INV_SLV	Combination	Max			0.	26.121	7.024E-17	-1.9101	5.269E-16
42	5.3625	INV_SLV	Combination	Max			0.	28.314	7.024E-17	-1.9101	5.519E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
42	5.85	INV_SLV	Combination	Max			0.	30.507	7.024E-17	-1.9101	5.773E-16
42	6.3375	INV_SLV	Combination	Max			0.	32.7	7.024E-17	-1.9101	6.030E-16
42	6.825	INV_SLV	Combination	Max			0.	34.893	7.024E-17	-1.9101	6.291E-16
42	7.3125	INV_SLV	Combination	Max			0.	37.086	7.024E-17	-1.9101	6.554E-16
42	7.8	INV_SLV	Combination	Max			0.	39.279	7.024E-17	-1.9101	6.821E-16
42	0.	INV_SLV	Combination	Min			0.	-37.851	-6.590E-17	-3.2461	-5.047E-16
42	0.4875	INV_SLV	Combination	Min			0.	-35.658	-6.590E-17	-3.2461	-4.941E-16
42	0.975	INV_SLV	Combination	Min			0.	-33.465	-6.590E-17	-3.2461	-4.843E-16
42	1.4625	INV_SLV	Combination	Min			0.	-31.272	-6.590E-17	-3.2461	-4.751E-16
42	1.95	INV_SLV	Combination	Min			0.	-29.078	-6.590E-17	-3.2461	-4.664E-16
42	2.4375	INV_SLV	Combination	Min			0.	-26.885	-6.590E-17	-3.2461	-4.621E-16
42	2.925	INV_SLV	Combination	Min			0.	-24.692	-6.590E-17	-3.2461	-4.588E-16
42	3.4125	INV_SLV	Combination	Min			0.	-22.499	-6.590E-17	-3.2461	-4.729E-16
42	3.9	INV_SLV	Combination	Min			0.	-20.306	-6.590E-17	-3.2461	-4.987E-16
42	4.3875	INV_SLV	Combination	Min			0.	-18.113	-6.590E-17	-3.2461	-5.249E-16
42	4.875	INV_SLV	Combination	Min			0.	-15.92	-6.590E-17	-3.2461	-5.516E-16
42	5.3625	INV_SLV	Combination	Min			0.	-13.727	-6.590E-17	-3.2461	-5.786E-16
42	5.85	INV_SLV	Combination	Min			0.	-11.534	-6.590E-17	-3.2461	-6.061E-16
42	6.3375	INV_SLV	Combination	Min			0.	-9.341	-6.590E-17	-3.2461	-6.340E-16
42	6.825	INV_SLV	Combination	Min			0.	-7.147	-6.590E-17	-3.2461	-6.621E-16
42	7.3125	INV_SLV	Combination	Min			0.	-4.954	-6.590E-17	-3.2461	-6.906E-16
42	7.8	INV_SLV	Combination	Min			0.	-2.761	-6.590E-17	-3.2461	-7.194E-16
44	0.	INV_SLU	Combination	Max			0.	-179.171	-1.128E-18	0.61	-7.459E-18
44	0.49231	INV_SLU	Combination	Max			0.	-151.052	-1.128E-18	0.61	-6.904E-18
44	0.98462	INV_SLU	Combination	Max			0.	-122.932	-1.128E-18	0.61	-6.349E-18
44	1.47692	INV_SLU	Combination	Max			0.	-94.812	-1.128E-18	0.61	-5.794E-18
44	1.96923	INV_SLU	Combination	Max			0.	-66.692	-1.128E-18	0.61	-5.239E-18
44	2.46154	INV_SLU	Combination	Max			0.	-38.573	-1.128E-18	0.61	-4.684E-18
44	2.95385	INV_SLU	Combination	Max			0.	-10.453	-1.128E-18	0.61	-4.129E-18
44	3.44615	INV_SLU	Combination	Max			0.	23.755	-1.128E-18	0.61	-3.574E-18
44	3.93846	INV_SLU	Combination	Max			0.	61.955	-1.128E-18	0.61	-3.018E-18
44	4.43077	INV_SLU	Combination	Max			0.	100.155	-1.128E-18	0.61	-2.463E-18
44	4.92308	INV_SLU	Combination	Max			0.	138.354	-1.128E-18	0.61	-1.908E-18
44	5.41538	INV_SLU	Combination	Max			0.	176.554	-1.128E-18	0.61	-1.353E-18
44	5.90769	INV_SLU	Combination	Max			0.	214.754	-1.128E-18	0.61	-7.980E-19
44	6.4	INV_SLU	Combination	Max			0.	252.954	-1.128E-18	0.61	-2.429E-19
44	0.	INV_SLU	Combination	Min			0.	-243.751	-1.128E-18	0.5028	-1.266E-17
44	0.49231	INV_SLU	Combination	Min			0.	-205.551	-1.128E-18	0.5028	-1.211E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
44	0.98462	INV_SLU	Combination	Min			0.	-167.351	-1.128E-18	0.5028	-1.155E-17
44	1.47692	INV_SLU	Combination	Min			0.	-129.151	-1.128E-18	0.5028	-1.100E-17
44	1.96923	INV_SLU	Combination	Min			0.	-90.952	-1.128E-18	0.5028	-1.044E-17
44	2.46154	INV_SLU	Combination	Min			0.	-52.752	-1.128E-18	0.5028	-9.888E-18
44	2.95385	INV_SLU	Combination	Min			0.	-14.552	-1.128E-18	0.5028	-9.333E-18
44	3.44615	INV_SLU	Combination	Min			0.	17.488	-1.128E-18	0.5028	-8.778E-18
44	3.93846	INV_SLU	Combination	Min			0.	45.608	-1.128E-18	0.5028	-8.223E-18
44	4.43077	INV_SLU	Combination	Min			0.	73.727	-1.128E-18	0.5028	-7.667E-18
44	4.92308	INV_SLU	Combination	Min			0.	101.847	-1.128E-18	0.5028	-7.112E-18
44	5.41538	INV_SLU	Combination	Min			0.	129.967	-1.128E-18	0.5028	-6.557E-18
44	5.90769	INV_SLU	Combination	Min			0.	158.087	-1.128E-18	0.5028	-6.002E-18
44	6.4	INV_SLU	Combination	Min			0.	186.206	-1.128E-18	0.5028	-5.447E-18
44	0.	INV_SLV	Combination	Max			0.	-114.542	6.367E-17	1.4096	8.451E-16
44	0.49231	INV_SLV	Combination	Max			0.	-95.5	6.367E-17	1.4096	8.187E-16
44	0.98462	INV_SLV	Combination	Max			0.	-76.459	6.367E-17	1.4096	7.923E-16
44	1.47692	INV_SLV	Combination	Max			0.	-57.417	6.367E-17	1.4096	7.661E-16
44	1.96923	INV_SLV	Combination	Max			0.	-38.375	6.367E-17	1.4096	7.398E-16
44	2.46154	INV_SLV	Combination	Max			0.	-19.333	6.367E-17	1.4096	7.137E-16
44	2.95385	INV_SLV	Combination	Max			0.	-0.291	6.367E-17	1.4096	6.876E-16
44	3.44615	INV_SLV	Combination	Max			0.	18.75	6.367E-17	1.4096	6.615E-16
44	3.93846	INV_SLV	Combination	Max			0.	37.792	6.367E-17	1.4096	6.355E-16
44	4.43077	INV_SLV	Combination	Max			0.	56.834	6.367E-17	1.4096	6.096E-16
44	4.92308	INV_SLV	Combination	Max			0.	75.876	6.367E-17	1.4096	5.837E-16
44	5.41538	INV_SLV	Combination	Max			0.	94.918	6.367E-17	1.4096	5.579E-16
44	5.90769	INV_SLV	Combination	Max			0.	113.959	6.367E-17	1.4096	5.321E-16
44	6.4	INV_SLV	Combination	Max			0.	133.001	6.367E-17	1.4096	5.064E-16
44	0.	INV_SLV	Combination	Min			0.	-128.294	-6.540E-17	-0.6517	-8.624E-16
44	0.49231	INV_SLV	Combination	Min			0.	-109.252	-6.540E-17	-0.6517	-8.352E-16
44	0.98462	INV_SLV	Combination	Min			0.	-90.21	-6.540E-17	-0.6517	-8.080E-16
44	1.47692	INV_SLV	Combination	Min			0.	-71.168	-6.540E-17	-0.6517	-7.809E-16
44	1.96923	INV_SLV	Combination	Min			0.	-52.127	-6.540E-17	-0.6517	-7.538E-16
44	2.46154	INV_SLV	Combination	Min			0.	-33.085	-6.540E-17	-0.6517	-7.268E-16
44	2.95385	INV_SLV	Combination	Min			0.	-14.043	-6.540E-17	-0.6517	-6.998E-16
44	3.44615	INV_SLV	Combination	Min			0.	4.999	-6.540E-17	-0.6517	-6.729E-16
44	3.93846	INV_SLV	Combination	Min			0.	24.041	-6.540E-17	-0.6517	-6.460E-16
44	4.43077	INV_SLV	Combination	Min			0.	43.082	-6.540E-17	-0.6517	-6.192E-16
44	4.92308	INV_SLV	Combination	Min			0.	62.124	-6.540E-17	-0.6517	-5.925E-16
44	5.41538	INV_SLV	Combination	Min			0.	81.166	-6.540E-17	-0.6517	-5.658E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
44	5.90769	INV_SLV	Combination	Min			0.	100.208	-6.540E-17	-0.6517	-5.392E-16
44	6.4	INV_SLV	Combination	Min			0.	119.25	-6.540E-17	-0.6517	-5.126E-16
45	0.	INV_SLU	Combination	Max			0.	-183.575	2.533E-17	0.0588	1.874E-17
45	0.49231	INV_SLU	Combination	Max			0.	-155.456	2.533E-17	0.0588	1.037E-17
45	0.98462	INV_SLU	Combination	Max			0.	-127.336	2.533E-17	0.0588	8.049E-18
45	1.47692	INV_SLU	Combination	Max			0.	-99.216	2.533E-17	0.0588	5.829E-18
45	1.96923	INV_SLU	Combination	Max			0.	-71.096	2.533E-17	0.0588	3.608E-18
45	2.46154	INV_SLU	Combination	Max			0.	-42.976	2.533E-17	0.0588	1.388E-18
45	2.95385	INV_SLU	Combination	Max			0.	-14.857	2.533E-17	0.0588	-8.327E-19
45	3.44615	INV_SLU	Combination	Max			0.	17.974	2.533E-17	0.0588	-3.053E-18
45	3.93846	INV_SLU	Combination	Max			0.	56.173	2.533E-17	0.0588	-5.274E-18
45	4.43077	INV_SLU	Combination	Max			0.	94.373	2.533E-17	0.0588	-7.494E-18
45	4.92308	INV_SLU	Combination	Max			0.	132.573	2.533E-17	0.0588	-9.714E-18
45	5.41538	INV_SLU	Combination	Max			0.	170.773	2.533E-17	0.0588	-1.193E-17
45	5.90769	INV_SLU	Combination	Max			0.	208.972	2.533E-17	0.0588	-1.416E-17
45	6.4	INV_SLU	Combination	Max			0.	247.172	2.533E-17	0.0588	-1.638E-17
45	0.	INV_SLU	Combination	Min			0.	-249.425	4.510E-18	0.0183	8.327E-18
45	0.49231	INV_SLU	Combination	Min			0.	-211.225	4.510E-18	0.0183	6.106E-18
45	0.98462	INV_SLU	Combination	Min			0.	-173.025	4.510E-18	0.0183	-6.202E-18
45	1.47692	INV_SLU	Combination	Min			0.	-134.826	4.510E-18	0.0183	-1.867E-17
45	1.96923	INV_SLU	Combination	Min			0.	-96.626	4.510E-18	0.0183	-3.114E-17
45	2.46154	INV_SLU	Combination	Min			0.	-58.426	4.510E-18	0.0183	-4.361E-17
45	2.95385	INV_SLU	Combination	Min			0.	-20.226	4.510E-18	0.0183	-5.608E-17
45	3.44615	INV_SLU	Combination	Min			0.	13.263	4.510E-18	0.0183	-6.855E-17
45	3.93846	INV_SLU	Combination	Min			0.	41.383	4.510E-18	0.0183	-8.101E-17
45	4.43077	INV_SLU	Combination	Min			0.	69.503	4.510E-18	0.0183	-9.348E-17
45	4.92308	INV_SLU	Combination	Min			0.	97.622	4.510E-18	0.0183	-1.060E-16
45	5.41538	INV_SLU	Combination	Min			0.	125.742	4.510E-18	0.0183	-1.184E-16
45	5.90769	INV_SLU	Combination	Min			0.	153.862	4.510E-18	0.0183	-1.309E-16
45	6.4	INV_SLU	Combination	Min			0.	181.982	4.510E-18	0.0183	-1.434E-16
45	0.	INV_SLV	Combination	Max			0.	-119.238	3.294E-16	1.0379	1.036E-15
45	0.49231	INV_SLV	Combination	Max			0.	-100.196	3.294E-16	1.0379	8.986E-16
45	0.98462	INV_SLV	Combination	Max			0.	-81.155	3.294E-16	1.0379	7.629E-16
45	1.47692	INV_SLV	Combination	Max			0.	-62.113	3.294E-16	1.0379	6.293E-16
45	1.96923	INV_SLV	Combination	Max			0.	-43.071	3.294E-16	1.0379	4.987E-16
45	2.46154	INV_SLV	Combination	Max			0.	-24.029	3.294E-16	1.0379	5.770E-16
45	2.95385	INV_SLV	Combination	Max			0.	-4.987	3.294E-16	1.0379	6.738E-16
45	3.44615	INV_SLV	Combination	Max			0.	14.055	3.294E-16	1.0379	7.761E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
45	3.93846	INV_SLV	Combination	Max			0.	33.096	3.294E-16	1.0379	8.833E-16
45	4.43077	INV_SLV	Combination	Max			0.	52.138	3.294E-16	1.0379	9.950E-16
45	4.92308	INV_SLV	Combination	Max			0.	71.18	3.294E-16	1.0379	1.110E-15
45	5.41538	INV_SLV	Combination	Max			0.	90.222	3.294E-16	1.0379	1.229E-15
45	5.90769	INV_SLV	Combination	Max			0.	109.264	3.294E-16	1.0379	1.352E-15
45	6.4	INV_SLV	Combination	Max			0.	128.305	3.294E-16	1.0379	1.477E-15
45	0.	INV_SLV	Combination	Min			0.	-129.482	-3.225E-16	-0.9999	-1.008E-15
45	0.49231	INV_SLV	Combination	Min			0.	-110.44	-3.225E-16	-0.9999	-8.743E-16
45	0.98462	INV_SLV	Combination	Min			0.	-91.398	-3.225E-16	-0.9999	-7.420E-16
45	1.47692	INV_SLV	Combination	Min			0.	-72.356	-3.225E-16	-0.9999	-6.118E-16
45	1.96923	INV_SLV	Combination	Min			0.	-53.315	-3.225E-16	-0.9999	-4.846E-16
45	2.46154	INV_SLV	Combination	Min			0.	-34.273	-3.225E-16	-0.9999	-5.663E-16
45	2.95385	INV_SLV	Combination	Min			0.	-15.231	-3.225E-16	-0.9999	-6.666E-16
45	3.44615	INV_SLV	Combination	Min			0.	3.811	-3.225E-16	-0.9999	-7.722E-16
45	3.93846	INV_SLV	Combination	Min			0.	22.853	-3.225E-16	-0.9999	-8.829E-16
45	4.43077	INV_SLV	Combination	Min			0.	41.894	-3.225E-16	-0.9999	-9.980E-16
45	4.92308	INV_SLV	Combination	Min			0.	60.936	-3.225E-16	-0.9999	-1.117E-15
45	5.41538	INV_SLV	Combination	Min			0.	79.978	-3.225E-16	-0.9999	-1.239E-15
45	5.90769	INV_SLV	Combination	Min			0.	99.02	-3.225E-16	-0.9999	-1.365E-15
45	6.4	INV_SLV	Combination	Min			0.	118.062	-3.225E-16	-0.9999	-1.494E-15
46	0.	INV_SLU	Combination	Max			0.	-180.394	-7.459E-18	0.0491	7.425E-17
46	0.49231	INV_SLU	Combination	Max			0.	-152.274	-7.459E-18	0.0491	7.792E-17
46	0.98462	INV_SLU	Combination	Max			0.	-124.154	-7.459E-18	0.0491	8.159E-17
46	1.47692	INV_SLU	Combination	Max			0.	-96.034	-7.459E-18	0.0491	8.526E-17
46	1.96923	INV_SLU	Combination	Max			0.	-67.915	-7.459E-18	0.0491	8.894E-17
46	2.46154	INV_SLU	Combination	Max			0.	-39.795	-7.459E-18	0.0491	9.261E-17
46	2.95385	INV_SLU	Combination	Max			0.	-11.675	-7.459E-18	0.0491	9.628E-17
46	3.44615	INV_SLU	Combination	Max			0.	22.139	-7.459E-18	0.0491	9.995E-17
46	3.93846	INV_SLU	Combination	Max			0.	60.339	-7.459E-18	0.0491	1.036E-16
46	4.43077	INV_SLU	Combination	Max			0.	98.538	-7.459E-18	0.0491	1.073E-16
46	4.92308	INV_SLU	Combination	Max			0.	136.738	-7.459E-18	0.0491	1.110E-16
46	5.41538	INV_SLU	Combination	Max			0.	174.938	-7.459E-18	0.0491	1.146E-16
46	5.90769	INV_SLU	Combination	Max			0.	213.138	-7.459E-18	0.0491	1.183E-16
46	6.4	INV_SLU	Combination	Max			0.	251.337	-7.459E-18	0.0491	1.220E-16
46	0.	INV_SLU	Combination	Min			0.	-245.269	-1.318E-17	0.011	-1.943E-17
46	0.49231	INV_SLU	Combination	Min			0.	-207.07	-1.318E-17	0.011	-1.319E-17
46	0.98462	INV_SLU	Combination	Min			0.	-168.87	-1.318E-17	0.011	-6.960E-18
46	1.47692	INV_SLU	Combination	Min			0.	-130.67	-1.318E-17	0.011	-7.259E-19

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
46	1.96923	INV_SLU	Combination	Min			0.	-92.47	-1.318E-17	0.011	5.508E-18
46	2.46154	INV_SLU	Combination	Min			0.	-54.271	-1.318E-17	0.011	1.174E-17
46	2.95385	INV_SLU	Combination	Min			0.	-16.071	-1.318E-17	0.011	1.798E-17
46	3.44615	INV_SLU	Combination	Min			0.	16.428	-1.318E-17	0.011	2.421E-17
46	3.93846	INV_SLU	Combination	Min			0.	44.548	-1.318E-17	0.011	3.045E-17
46	4.43077	INV_SLU	Combination	Min			0.	72.668	-1.318E-17	0.011	3.668E-17
46	4.92308	INV_SLU	Combination	Min			0.	100.788	-1.318E-17	0.011	4.291E-17
46	5.41538	INV_SLU	Combination	Min			0.	128.907	-1.318E-17	0.011	4.915E-17
46	5.90769	INV_SLU	Combination	Min			0.	157.027	-1.318E-17	0.011	5.538E-17
46	6.4	INV_SLU	Combination	Min			0.	185.147	-1.318E-17	0.011	6.162E-17
46	0.	INV_SLV	Combination	Max			0.	-117.119	3.924E-16	1.0316	5.166E-17
46	0.49231	INV_SLV	Combination	Max			0.	-98.077	3.924E-16	1.0316	2.111E-16
46	0.98462	INV_SLV	Combination	Max			0.	-79.035	3.924E-16	1.0316	3.985E-16
46	1.47692	INV_SLV	Combination	Max			0.	-59.993	3.924E-16	1.0316	5.925E-16
46	1.96923	INV_SLV	Combination	Max			0.	-40.952	3.924E-16	1.0316	7.885E-16
46	2.46154	INV_SLV	Combination	Max			0.	-21.91	3.924E-16	1.0316	9.854E-16
46	2.95385	INV_SLV	Combination	Max			0.	-2.868	3.924E-16	1.0316	1.183E-15
46	3.44615	INV_SLV	Combination	Max			0.	16.174	3.924E-16	1.0316	1.380E-15
46	3.93846	INV_SLV	Combination	Max			0.	35.216	3.924E-16	1.0316	1.578E-15
46	4.43077	INV_SLV	Combination	Max			0.	54.257	3.924E-16	1.0316	1.776E-15
46	4.92308	INV_SLV	Combination	Max			0.	73.299	3.924E-16	1.0316	1.974E-15
46	5.41538	INV_SLV	Combination	Max			0.	92.341	3.924E-16	1.0316	2.172E-15
46	5.90769	INV_SLV	Combination	Max			0.	111.383	3.924E-16	1.0316	2.370E-15
46	6.4	INV_SLV	Combination	Max			0.	130.425	3.924E-16	1.0316	2.568E-15
46	0.	INV_SLV	Combination	Min			0.	-127.278	-4.028E-16	-1.0037	-6.554E-17
46	0.49231	INV_SLV	Combination	Min			0.	-108.236	-4.028E-16	-1.0037	-2.199E-16
46	0.98462	INV_SLV	Combination	Min			0.	-89.195	-4.028E-16	-1.0037	-4.021E-16
46	1.47692	INV_SLV	Combination	Min			0.	-70.153	-4.028E-16	-1.0037	-5.910E-16
46	1.96923	INV_SLV	Combination	Min			0.	-51.111	-4.028E-16	-1.0037	-7.819E-16
46	2.46154	INV_SLV	Combination	Min			0.	-32.069	-4.028E-16	-1.0037	-9.737E-16
46	2.95385	INV_SLV	Combination	Min			0.	-13.027	-4.028E-16	-1.0037	-1.166E-15
46	3.44615	INV_SLV	Combination	Min			0.	6.015	-4.028E-16	-1.0037	-1.358E-15
46	3.93846	INV_SLV	Combination	Min			0.	25.056	-4.028E-16	-1.0037	-1.551E-15
46	4.43077	INV_SLV	Combination	Min			0.	44.098	-4.028E-16	-1.0037	-1.744E-15
46	4.92308	INV_SLV	Combination	Min			0.	63.14	-4.028E-16	-1.0037	-1.937E-15
46	5.41538	INV_SLV	Combination	Min			0.	82.182	-4.028E-16	-1.0037	-2.130E-15
46	5.90769	INV_SLV	Combination	Min			0.	101.224	-4.028E-16	-1.0037	-2.323E-15
46	6.4	INV_SLV	Combination	Min			0.	120.265	-4.028E-16	-1.0037	-2.516E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
47	0.	INV_SLU	Combination	Max			0.	-200.129	-2.602E-18	-0.0126	-5.421E-20
47	0.49231	INV_SLU	Combination	Max			0.	-172.01	-2.602E-18	-0.0126	1.227E-18
47	0.98462	INV_SLU	Combination	Max			0.	-143.89	-2.602E-18	-0.0126	2.508E-18
47	1.47692	INV_SLU	Combination	Max			0.	-115.77	-2.602E-18	-0.0126	3.789E-18
47	1.96923	INV_SLU	Combination	Max			0.	-87.65	-2.602E-18	-0.0126	5.070E-18
47	2.46154	INV_SLU	Combination	Max			0.	-59.53	-2.602E-18	-0.0126	6.351E-18
47	2.95385	INV_SLU	Combination	Max			0.	-31.411	-2.602E-18	-0.0126	7.632E-18
47	3.44615	INV_SLU	Combination	Max			0.	-3.291	-2.602E-18	-0.0126	8.913E-18
47	3.93846	INV_SLU	Combination	Max			0.	33.851	-2.602E-18	-0.0126	2.517E-17
47	4.43077	INV_SLU	Combination	Max			0.	72.051	-2.602E-18	-0.0126	4.822E-17
47	4.92308	INV_SLU	Combination	Max			0.	110.251	-2.602E-18	-0.0126	7.128E-17
47	5.41538	INV_SLU	Combination	Max			0.	148.451	-2.602E-18	-0.0126	9.434E-17
47	5.90769	INV_SLU	Combination	Max			0.	186.65	-2.602E-18	-0.0126	1.174E-16
47	6.4	INV_SLU	Combination	Max			0.	224.85	-2.602E-18	-0.0126	1.405E-16
47	0.	INV_SLU	Combination	Min			0.	-271.806	-4.684E-17	-0.0506	-1.593E-16
47	0.49231	INV_SLU	Combination	Min			0.	-233.607	-4.684E-17	-0.0506	-1.362E-16
47	0.98462	INV_SLU	Combination	Min			0.	-195.407	-4.684E-17	-0.0506	-1.132E-16
47	1.47692	INV_SLU	Combination	Min			0.	-157.207	-4.684E-17	-0.0506	-9.013E-17
47	1.96923	INV_SLU	Combination	Min			0.	-119.007	-4.684E-17	-0.0506	-6.707E-17
47	2.46154	INV_SLU	Combination	Min			0.	-80.807	-4.684E-17	-0.0506	-4.401E-17
47	2.95385	INV_SLU	Combination	Min			0.	-42.608	-4.684E-17	-0.0506	-2.095E-17
47	3.44615	INV_SLU	Combination	Min			0.	-4.408	-4.684E-17	-0.0506	2.108E-18
47	3.93846	INV_SLU	Combination	Min			0.	24.73	-4.684E-17	-0.0506	6.911E-18
47	4.43077	INV_SLU	Combination	Min			0.	52.849	-4.684E-17	-0.0506	9.473E-18
47	4.92308	INV_SLU	Combination	Min			0.	80.969	-4.684E-17	-0.0506	1.204E-17
47	5.41538	INV_SLU	Combination	Min			0.	109.089	-4.684E-17	-0.0506	1.404E-17
47	5.90769	INV_SLU	Combination	Min			0.	137.209	-4.684E-17	-0.0506	1.532E-17
47	6.4	INV_SLU	Combination	Min			0.	165.328	-4.684E-17	-0.0506	1.660E-17
47	0.	INV_SLV	Combination	Max			0.	-128.701	1.402E-16	0.9479	3.763E-16
47	0.49231	INV_SLV	Combination	Max			0.	-109.659	1.402E-16	0.9479	3.269E-16
47	0.98462	INV_SLV	Combination	Max			0.	-90.617	1.402E-16	0.9479	2.890E-16
47	1.47692	INV_SLV	Combination	Max			0.	-71.576	1.402E-16	0.9479	2.959E-16
47	1.96923	INV_SLV	Combination	Max			0.	-52.534	1.402E-16	0.9479	3.114E-16
47	2.46154	INV_SLV	Combination	Max			0.	-33.492	1.402E-16	0.9479	3.371E-16
47	2.95385	INV_SLV	Combination	Max			0.	-14.45	1.402E-16	0.9479	3.731E-16
47	3.44615	INV_SLV	Combination	Max			0.	4.592	1.402E-16	0.9479	4.166E-16
47	3.93846	INV_SLV	Combination	Max			0.	23.633	1.402E-16	0.9479	4.645E-16
47	4.43077	INV_SLV	Combination	Max			0.	42.675	1.402E-16	0.9479	5.151E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
47	4.92308	INV_SLV	Combination	Max			0.	61.717	1.402E-16	0.9479	5.674E-16
47	5.41538	INV_SLV	Combination	Max			0.	80.759	1.402E-16	0.9479	6.209E-16
47	5.90769	INV_SLV	Combination	Max			0.	99.801	1.402E-16	0.9479	6.752E-16
47	6.4	INV_SLV	Combination	Max			0.	118.843	1.402E-16	0.9479	7.302E-16
47	0.	INV_SLV	Combination	Min			0.	-142.539	-1.471E-16	-0.9768	-3.648E-16
47	0.49231	INV_SLV	Combination	Min			0.	-123.497	-1.471E-16	-0.9768	-3.120E-16
47	0.98462	INV_SLV	Combination	Min			0.	-104.455	-1.471E-16	-0.9768	-2.707E-16
47	1.47692	INV_SLV	Combination	Min			0.	-85.413	-1.471E-16	-0.9768	-2.742E-16
47	1.96923	INV_SLV	Combination	Min			0.	-66.371	-1.471E-16	-0.9768	-2.862E-16
47	2.46154	INV_SLV	Combination	Min			0.	-47.329	-1.471E-16	-0.9768	-3.085E-16
47	2.95385	INV_SLV	Combination	Min			0.	-28.288	-1.471E-16	-0.9768	-3.411E-16
47	3.44615	INV_SLV	Combination	Min			0.	-9.246	-1.471E-16	-0.9768	-3.812E-16
47	3.93846	INV_SLV	Combination	Min			0.	9.796	-1.471E-16	-0.9768	-4.257E-16
47	4.43077	INV_SLV	Combination	Min			0.	28.838	-1.471E-16	-0.9768	-4.729E-16
47	4.92308	INV_SLV	Combination	Min			0.	47.88	-1.471E-16	-0.9768	-5.218E-16
47	5.41538	INV_SLV	Combination	Min			0.	66.921	-1.471E-16	-0.9768	-5.718E-16
47	5.90769	INV_SLV	Combination	Min			0.	85.963	-1.471E-16	-0.9768	-6.227E-16
47	6.4	INV_SLV	Combination	Min			0.	105.005	-1.471E-16	-0.9768	-6.743E-16
49	0.	INV_SLU	Combination	Max			0.	-251.149	-1.128E-18	-0.5067	-7.459E-18
49	0.49231	INV_SLU	Combination	Max			0.	-212.558	-1.128E-18	-0.5067	-6.904E-18
49	0.98462	INV_SLU	Combination	Max			0.	-173.967	-1.128E-18	-0.5067	-6.349E-18
49	1.47692	INV_SLU	Combination	Max			0.	-135.376	-1.128E-18	-0.5067	-5.794E-18
49	1.96923	INV_SLU	Combination	Max			0.	-96.785	-1.128E-18	-0.5067	-5.239E-18
49	2.46154	INV_SLU	Combination	Max			0.	-58.194	-1.128E-18	-0.5067	-4.684E-18
49	2.95385	INV_SLU	Combination	Max			0.	-19.602	-1.128E-18	-0.5067	-4.129E-18
49	3.44615	INV_SLU	Combination	Max			0.	28.871	-1.128E-18	-0.5067	-3.574E-18
49	3.93846	INV_SLU	Combination	Max			0.	87.622	-1.128E-18	-0.5067	-3.018E-18
49	4.43077	INV_SLU	Combination	Max			0.	146.373	-1.128E-18	-0.5067	-2.463E-18
49	4.92308	INV_SLU	Combination	Max			0.	205.124	-1.128E-18	-0.5067	-1.908E-18
49	5.41538	INV_SLU	Combination	Max			0.	263.875	-1.128E-18	-0.5067	-1.353E-18
49	5.90769	INV_SLU	Combination	Max			0.	322.626	-1.128E-18	-0.5067	-7.980E-19
49	6.4	INV_SLU	Combination	Max			0.	381.378	-1.128E-18	-0.5067	-2.429E-19
49	0.	INV_SLU	Combination	Min			0.	-382.459	-1.128E-18	-0.721	-1.266E-17
49	0.49231	INV_SLU	Combination	Min			0.	-323.707	-1.128E-18	-0.721	-1.211E-17
49	0.98462	INV_SLU	Combination	Min			0.	-264.956	-1.128E-18	-0.721	-1.155E-17
49	1.47692	INV_SLU	Combination	Min			0.	-206.205	-1.128E-18	-0.721	-1.100E-17
49	1.96923	INV_SLU	Combination	Min			0.	-147.454	-1.128E-18	-0.721	-1.044E-17
49	2.46154	INV_SLU	Combination	Min			0.	-88.703	-1.128E-18	-0.721	-9.888E-18

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
49	2.95385	INV_SLU	Combination	Min			0.	-29.952	-1.128E-18	-0.721	-9.333E-18
49	3.44615	INV_SLU	Combination	Min			0.	18.87	-1.128E-18	-0.721	-8.778E-18
49	3.93846	INV_SLU	Combination	Min			0.	57.461	-1.128E-18	-0.721	-8.223E-18
49	4.43077	INV_SLU	Combination	Min			0.	96.052	-1.128E-18	-0.721	-7.667E-18
49	4.92308	INV_SLU	Combination	Min			0.	134.643	-1.128E-18	-0.721	-7.112E-18
49	5.41538	INV_SLU	Combination	Min			0.	173.235	-1.128E-18	-0.721	-6.557E-18
49	5.90769	INV_SLU	Combination	Min			0.	211.826	-1.128E-18	-0.721	-6.002E-18
49	6.4	INV_SLU	Combination	Min			0.	250.417	-1.128E-18	-0.721	-5.447E-18
49	0.	INV_SLV	Combination	Max			0.	-165.226	6.367E-17	0.7015	8.451E-16
49	0.49231	INV_SLV	Combination	Max			0.	-139.203	6.367E-17	0.7015	8.187E-16
49	0.98462	INV_SLV	Combination	Max			0.	-113.18	6.367E-17	0.7015	7.923E-16
49	1.47692	INV_SLV	Combination	Max			0.	-87.158	6.367E-17	0.7015	7.661E-16
49	1.96923	INV_SLV	Combination	Max			0.	-61.135	6.367E-17	0.7015	7.398E-16
49	2.46154	INV_SLV	Combination	Max			0.	-35.112	6.367E-17	0.7015	7.137E-16
49	2.95385	INV_SLV	Combination	Max			0.	-9.09	6.367E-17	0.7015	6.876E-16
49	3.44615	INV_SLV	Combination	Max			0.	16.933	6.367E-17	0.7015	6.615E-16
49	3.93846	INV_SLV	Combination	Max			0.	42.956	6.367E-17	0.7015	6.355E-16
49	4.43077	INV_SLV	Combination	Max			0.	68.979	6.367E-17	0.7015	6.096E-16
49	4.92308	INV_SLV	Combination	Max			0.	95.001	6.367E-17	0.7015	5.837E-16
49	5.41538	INV_SLV	Combination	Max			0.	121.024	6.367E-17	0.7015	5.579E-16
49	5.90769	INV_SLV	Combination	Max			0.	147.047	6.367E-17	0.7015	5.321E-16
49	6.4	INV_SLV	Combination	Max			0.	173.07	6.367E-17	0.7015	5.064E-16
49	0.	INV_SLV	Combination	Min			0.	-173.636	-6.540E-17	-1.5046	-8.624E-16
49	0.49231	INV_SLV	Combination	Min			0.	-147.614	-6.540E-17	-1.5046	-8.352E-16
49	0.98462	INV_SLV	Combination	Min			0.	-121.591	-6.540E-17	-1.5046	-8.080E-16
49	1.47692	INV_SLV	Combination	Min			0.	-95.568	-6.540E-17	-1.5046	-7.809E-16
49	1.96923	INV_SLV	Combination	Min			0.	-69.546	-6.540E-17	-1.5046	-7.538E-16
49	2.46154	INV_SLV	Combination	Min			0.	-43.523	-6.540E-17	-1.5046	-7.268E-16
49	2.95385	INV_SLV	Combination	Min			0.	-17.5	-6.540E-17	-1.5046	-6.998E-16
49	3.44615	INV_SLV	Combination	Min			0.	8.523	-6.540E-17	-1.5046	-6.729E-16
49	3.93846	INV_SLV	Combination	Min			0.	34.545	-6.540E-17	-1.5046	-6.460E-16
49	4.43077	INV_SLV	Combination	Min			0.	60.568	-6.540E-17	-1.5046	-6.192E-16
49	4.92308	INV_SLV	Combination	Min			0.	86.591	-6.540E-17	-1.5046	-5.925E-16
49	5.41538	INV_SLV	Combination	Min			0.	112.614	-6.540E-17	-1.5046	-5.658E-16
49	5.90769	INV_SLV	Combination	Min			0.	138.636	-6.540E-17	-1.5046	-5.392E-16
49	6.4	INV_SLV	Combination	Min			0.	164.659	-6.540E-17	-1.5046	-5.126E-16
50	0.	INV_SLU	Combination	Max			0.	-250.969	2.533E-17	0.039	1.874E-17
50	0.49231	INV_SLU	Combination	Max			0.	-212.378	2.533E-17	0.039	1.037E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
50	0.98462	INV_SLU	Combination	Max			0.	-173.787	2.533E-17	0.039	8.049E-18
50	1.47692	INV_SLU	Combination	Max			0.	-135.196	2.533E-17	0.039	5.829E-18
50	1.96923	INV_SLU	Combination	Max			0.	-96.605	2.533E-17	0.039	3.608E-18
50	2.46154	INV_SLU	Combination	Max			0.	-58.013	2.533E-17	0.039	1.388E-18
50	2.95385	INV_SLU	Combination	Max			0.	-19.422	2.533E-17	0.039	-8.327E-19
50	3.44615	INV_SLU	Combination	Max			0.	29.084	2.533E-17	0.039	-3.053E-18
50	3.93846	INV_SLU	Combination	Max			0.	87.835	2.533E-17	0.039	-5.274E-18
50	4.43077	INV_SLU	Combination	Max			0.	146.586	2.533E-17	0.039	-7.494E-18
50	4.92308	INV_SLU	Combination	Max			0.	205.337	2.533E-17	0.039	-9.714E-18
50	5.41538	INV_SLU	Combination	Max			0.	264.089	2.533E-17	0.039	-1.193E-17
50	5.90769	INV_SLU	Combination	Max			0.	322.84	2.533E-17	0.039	-1.416E-17
50	6.4	INV_SLU	Combination	Max			0.	381.591	2.533E-17	0.039	-1.638E-17
50	0.	INV_SLU	Combination	Min			0.	-382.259	4.510E-18	0.0093	8.327E-18
50	0.49231	INV_SLU	Combination	Min			0.	-323.508	4.510E-18	0.0093	6.106E-18
50	0.98462	INV_SLU	Combination	Min			0.	-264.756	4.510E-18	0.0093	-6.202E-18
50	1.47692	INV_SLU	Combination	Min			0.	-206.005	4.510E-18	0.0093	-1.867E-17
50	1.96923	INV_SLU	Combination	Min			0.	-147.254	4.510E-18	0.0093	-3.114E-17
50	2.46154	INV_SLU	Combination	Min			0.	-88.503	4.510E-18	0.0093	-4.361E-17
50	2.95385	INV_SLU	Combination	Min			0.	-29.752	4.510E-18	0.0093	-5.608E-17
50	3.44615	INV_SLU	Combination	Min			0.	19.028	4.510E-18	0.0093	-6.855E-17
50	3.93846	INV_SLU	Combination	Min			0.	57.619	4.510E-18	0.0093	-8.101E-17
50	4.43077	INV_SLU	Combination	Min			0.	96.21	4.510E-18	0.0093	-9.348E-17
50	4.92308	INV_SLU	Combination	Min			0.	134.801	4.510E-18	0.0093	-1.060E-16
50	5.41538	INV_SLU	Combination	Min			0.	173.393	4.510E-18	0.0093	-1.184E-16
50	5.90769	INV_SLU	Combination	Min			0.	211.984	4.510E-18	0.0093	-1.309E-16
50	6.4	INV_SLU	Combination	Min			0.	250.575	4.510E-18	0.0093	-1.434E-16
50	0.	INV_SLV	Combination	Max			0.	-164.939	3.294E-16	0.8083	1.036E-15
50	0.49231	INV_SLV	Combination	Max			0.	-138.917	3.294E-16	0.8083	8.986E-16
50	0.98462	INV_SLV	Combination	Max			0.	-112.894	3.294E-16	0.8083	7.629E-16
50	1.47692	INV_SLV	Combination	Max			0.	-86.871	3.294E-16	0.8083	6.293E-16
50	1.96923	INV_SLV	Combination	Max			0.	-60.849	3.294E-16	0.8083	4.987E-16
50	2.46154	INV_SLV	Combination	Max			0.	-34.826	3.294E-16	0.8083	5.770E-16
50	2.95385	INV_SLV	Combination	Max			0.	-8.803	3.294E-16	0.8083	6.738E-16
50	3.44615	INV_SLV	Combination	Max			0.	17.22	3.294E-16	0.8083	7.761E-16
50	3.93846	INV_SLV	Combination	Max			0.	43.242	3.294E-16	0.8083	8.833E-16
50	4.43077	INV_SLV	Combination	Max			0.	69.265	3.294E-16	0.8083	9.950E-16
50	4.92308	INV_SLV	Combination	Max			0.	95.288	3.294E-16	0.8083	1.110E-15
50	5.41538	INV_SLV	Combination	Max			0.	121.311	3.294E-16	0.8083	1.229E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
50	5.90769	INV_SLV	Combination	Max			0.	147.333	3.294E-16	0.8083	1.352E-15
50	6.4	INV_SLV	Combination	Max			0.	173.356	3.294E-16	0.8083	1.477E-15
50	0.	INV_SLV	Combination	Min			0.	-173.668	-3.225E-16	-0.7862	-1.008E-15
50	0.49231	INV_SLV	Combination	Min			0.	-147.645	-3.225E-16	-0.7862	-8.743E-16
50	0.98462	INV_SLV	Combination	Min			0.	-121.623	-3.225E-16	-0.7862	-7.420E-16
50	1.47692	INV_SLV	Combination	Min			0.	-95.6	-3.225E-16	-0.7862	-6.118E-16
50	1.96923	INV_SLV	Combination	Min			0.	-69.577	-3.225E-16	-0.7862	-4.846E-16
50	2.46154	INV_SLV	Combination	Min			0.	-43.554	-3.225E-16	-0.7862	-5.663E-16
50	2.95385	INV_SLV	Combination	Min			0.	-17.532	-3.225E-16	-0.7862	-6.666E-16
50	3.44615	INV_SLV	Combination	Min			0.	8.491	-3.225E-16	-0.7862	-7.722E-16
50	3.93846	INV_SLV	Combination	Min			0.	34.514	-3.225E-16	-0.7862	-8.829E-16
50	4.43077	INV_SLV	Combination	Min			0.	60.537	-3.225E-16	-0.7862	-9.980E-16
50	4.92308	INV_SLV	Combination	Min			0.	86.559	-3.225E-16	-0.7862	-1.117E-15
50	5.41538	INV_SLV	Combination	Min			0.	112.582	-3.225E-16	-0.7862	-1.239E-15
50	5.90769	INV_SLV	Combination	Min			0.	138.605	-3.225E-16	-0.7862	-1.365E-15
50	6.4	INV_SLV	Combination	Min			0.	164.627	-3.225E-16	-0.7862	-1.494E-15
51	0.	INV_SLU	Combination	Max			0.	-250.808	-7.459E-18	0.0414	7.425E-17
51	0.49231	INV_SLU	Combination	Max			0.	-212.217	-7.459E-18	0.0414	7.792E-17
51	0.98462	INV_SLU	Combination	Max			0.	-173.626	-7.459E-18	0.0414	8.159E-17
51	1.47692	INV_SLU	Combination	Max			0.	-135.035	-7.459E-18	0.0414	8.526E-17
51	1.96923	INV_SLU	Combination	Max			0.	-96.444	-7.459E-18	0.0414	8.894E-17
51	2.46154	INV_SLU	Combination	Max			0.	-57.853	-7.459E-18	0.0414	9.261E-17
51	2.95385	INV_SLU	Combination	Max			0.	-19.261	-7.459E-18	0.0414	9.628E-17
51	3.44615	INV_SLU	Combination	Max			0.	29.38	-7.459E-18	0.0414	9.995E-17
51	3.93846	INV_SLU	Combination	Max			0.	88.132	-7.459E-18	0.0414	1.036E-16
51	4.43077	INV_SLU	Combination	Max			0.	146.883	-7.459E-18	0.0414	1.073E-16
51	4.92308	INV_SLU	Combination	Max			0.	205.634	-7.459E-18	0.0414	1.110E-16
51	5.41538	INV_SLU	Combination	Max			0.	264.385	-7.459E-18	0.0414	1.146E-16
51	5.90769	INV_SLU	Combination	Max			0.	323.136	-7.459E-18	0.0414	1.183E-16
51	6.4	INV_SLU	Combination	Max			0.	381.887	-7.459E-18	0.0414	1.220E-16
51	0.	INV_SLU	Combination	Min			0.	-381.938	-1.318E-17	0.0104	-1.943E-17
51	0.49231	INV_SLU	Combination	Min			0.	-323.187	-1.318E-17	0.0104	-1.319E-17
51	0.98462	INV_SLU	Combination	Min			0.	-264.436	-1.318E-17	0.0104	-6.960E-18
51	1.47692	INV_SLU	Combination	Min			0.	-205.685	-1.318E-17	0.0104	-7.259E-19
51	1.96923	INV_SLU	Combination	Min			0.	-146.934	-1.318E-17	0.0104	5.508E-18
51	2.46154	INV_SLU	Combination	Min			0.	-88.182	-1.318E-17	0.0104	1.174E-17
51	2.95385	INV_SLU	Combination	Min			0.	-29.431	-1.318E-17	0.0104	1.798E-17
51	3.44615	INV_SLU	Combination	Min			0.	19.229	-1.318E-17	0.0104	2.421E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
51	3.93846	INV_SLU	Combination	Min			0.	57.82	-1.318E-17	0.0104	3.045E-17
51	4.43077	INV_SLU	Combination	Min			0.	96.411	-1.318E-17	0.0104	3.668E-17
51	4.92308	INV_SLU	Combination	Min			0.	135.002	-1.318E-17	0.0104	4.291E-17
51	5.41538	INV_SLU	Combination	Min			0.	173.593	-1.318E-17	0.0104	4.915E-17
51	5.90769	INV_SLU	Combination	Min			0.	212.184	-1.318E-17	0.0104	5.538E-17
51	6.4	INV_SLU	Combination	Min			0.	250.776	-1.318E-17	0.0104	6.162E-17
51	0.	INV_SLV	Combination	Max			0.	-165.962	3.924E-16	0.8177	5.166E-17
51	0.49231	INV_SLV	Combination	Max			0.	-139.939	3.924E-16	0.8177	2.111E-16
51	0.98462	INV_SLV	Combination	Max			0.	-113.916	3.924E-16	0.8177	3.985E-16
51	1.47692	INV_SLV	Combination	Max			0.	-87.893	3.924E-16	0.8177	5.925E-16
51	1.96923	INV_SLV	Combination	Max			0.	-61.871	3.924E-16	0.8177	7.885E-16
51	2.46154	INV_SLV	Combination	Max			0.	-35.848	3.924E-16	0.8177	9.854E-16
51	2.95385	INV_SLV	Combination	Max			0.	-9.825	3.924E-16	0.8177	1.183E-15
51	3.44615	INV_SLV	Combination	Max			0.	16.198	3.924E-16	0.8177	1.380E-15
51	3.93846	INV_SLV	Combination	Max			0.	42.22	3.924E-16	0.8177	1.578E-15
51	4.43077	INV_SLV	Combination	Max			0.	68.243	3.924E-16	0.8177	1.776E-15
51	4.92308	INV_SLV	Combination	Max			0.	94.266	3.924E-16	0.8177	1.974E-15
51	5.41538	INV_SLV	Combination	Max			0.	120.288	3.924E-16	0.8177	2.172E-15
51	5.90769	INV_SLV	Combination	Max			0.	146.311	3.924E-16	0.8177	2.370E-15
51	6.4	INV_SLV	Combination	Max			0.	172.334	3.924E-16	0.8177	2.568E-15
51	0.	INV_SLV	Combination	Min			0.	-172.406	-4.028E-16	-0.7936	-6.554E-17
51	0.49231	INV_SLV	Combination	Min			0.	-146.383	-4.028E-16	-0.7936	-2.199E-16
51	0.98462	INV_SLV	Combination	Min			0.	-120.36	-4.028E-16	-0.7936	-4.021E-16
51	1.47692	INV_SLV	Combination	Min			0.	-94.338	-4.028E-16	-0.7936	-5.910E-16
51	1.96923	INV_SLV	Combination	Min			0.	-68.315	-4.028E-16	-0.7936	-7.819E-16
51	2.46154	INV_SLV	Combination	Min			0.	-42.292	-4.028E-16	-0.7936	-9.737E-16
51	2.95385	INV_SLV	Combination	Min			0.	-16.27	-4.028E-16	-0.7936	-1.166E-15
51	3.44615	INV_SLV	Combination	Min			0.	9.753	-4.028E-16	-0.7936	-1.358E-15
51	3.93846	INV_SLV	Combination	Min			0.	35.776	-4.028E-16	-0.7936	-1.551E-15
51	4.43077	INV_SLV	Combination	Min			0.	61.799	-4.028E-16	-0.7936	-1.744E-15
51	4.92308	INV_SLV	Combination	Min			0.	87.821	-4.028E-16	-0.7936	-1.937E-15
51	5.41538	INV_SLV	Combination	Min			0.	113.844	-4.028E-16	-0.7936	-2.130E-15
51	5.90769	INV_SLV	Combination	Min			0.	139.867	-4.028E-16	-0.7936	-2.323E-15
51	6.4	INV_SLV	Combination	Min			0.	165.89	-4.028E-16	-0.7936	-2.516E-15
52	0.	INV_SLU	Combination	Max			0.	-253.878	-2.602E-18	0.0847	-5.421E-20
52	0.49231	INV_SLU	Combination	Max			0.	-215.286	-2.602E-18	0.0847	1.227E-18
52	0.98462	INV_SLU	Combination	Max			0.	-176.695	-2.602E-18	0.0847	2.508E-18
52	1.47692	INV_SLU	Combination	Max			0.	-138.104	-2.602E-18	0.0847	3.789E-18

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
52	1.96923	INV_SLU	Combination	Max			0.	-99.513	-2.602E-18	0.0847	5.070E-18
52	2.46154	INV_SLU	Combination	Max			0.	-60.922	-2.602E-18	0.0847	6.351E-18
52	2.95385	INV_SLU	Combination	Max			0.	-22.331	-2.602E-18	0.0847	7.632E-18
52	3.44615	INV_SLU	Combination	Max			0.	24.41	-2.602E-18	0.0847	8.913E-18
52	3.93846	INV_SLU	Combination	Max			0.	83.161	-2.602E-18	0.0847	2.517E-17
52	4.43077	INV_SLU	Combination	Max			0.	141.913	-2.602E-18	0.0847	4.822E-17
52	4.92308	INV_SLU	Combination	Max			0.	200.664	-2.602E-18	0.0847	7.128E-17
52	5.41538	INV_SLU	Combination	Max			0.	259.415	-2.602E-18	0.0847	9.434E-17
52	5.90769	INV_SLU	Combination	Max			0.	318.166	-2.602E-18	0.0847	1.174E-16
52	6.4	INV_SLU	Combination	Max			0.	376.917	-2.602E-18	0.0847	1.405E-16
52	0.	INV_SLU	Combination	Min			0.	-387.022	-4.684E-17	-0.0032	-1.593E-16
52	0.49231	INV_SLU	Combination	Min			0.	-328.271	-4.684E-17	-0.0032	-1.362E-16
52	0.98462	INV_SLU	Combination	Min			0.	-269.52	-4.684E-17	-0.0032	-1.132E-16
52	1.47692	INV_SLU	Combination	Min			0.	-210.769	-4.684E-17	-0.0032	-9.013E-17
52	1.96923	INV_SLU	Combination	Min			0.	-152.018	-4.684E-17	-0.0032	-6.707E-17
52	2.46154	INV_SLU	Combination	Min			0.	-93.266	-4.684E-17	-0.0032	-4.401E-17
52	2.95385	INV_SLU	Combination	Min			0.	-34.515	-4.684E-17	-0.0032	-2.095E-17
52	3.44615	INV_SLU	Combination	Min			0.	15.97	-4.684E-17	-0.0032	2.108E-18
52	3.93846	INV_SLU	Combination	Min			0.	54.561	-4.684E-17	-0.0032	6.911E-18
52	4.43077	INV_SLU	Combination	Min			0.	93.152	-4.684E-17	-0.0032	9.473E-18
52	4.92308	INV_SLU	Combination	Min			0.	131.743	-4.684E-17	-0.0032	1.204E-17
52	5.41538	INV_SLU	Combination	Min			0.	170.334	-4.684E-17	-0.0032	1.404E-17
52	5.90769	INV_SLU	Combination	Min			0.	208.926	-4.684E-17	-0.0032	1.532E-17
52	6.4	INV_SLU	Combination	Min			0.	247.517	-4.684E-17	-0.0032	1.660E-17
52	0.	INV_SLV	Combination	Max			0.	-161.891	1.402E-16	1.5407	3.763E-16
52	0.49231	INV_SLV	Combination	Max			0.	-135.868	1.402E-16	1.5407	3.269E-16
52	0.98462	INV_SLV	Combination	Max			0.	-109.846	1.402E-16	1.5407	2.890E-16
52	1.47692	INV_SLV	Combination	Max			0.	-83.823	1.402E-16	1.5407	2.959E-16
52	1.96923	INV_SLV	Combination	Max			0.	-57.8	1.402E-16	1.5407	3.114E-16
52	2.46154	INV_SLV	Combination	Max			0.	-31.778	1.402E-16	1.5407	3.371E-16
52	2.95385	INV_SLV	Combination	Max			0.	-5.755	1.402E-16	1.5407	3.731E-16
52	3.44615	INV_SLV	Combination	Max			0.	20.268	1.402E-16	1.5407	4.166E-16
52	3.93846	INV_SLV	Combination	Max			0.	46.291	1.402E-16	1.5407	4.645E-16
52	4.43077	INV_SLV	Combination	Max			0.	72.313	1.402E-16	1.5407	5.151E-16
52	4.92308	INV_SLV	Combination	Max			0.	98.336	1.402E-16	1.5407	5.674E-16
52	5.41538	INV_SLV	Combination	Max			0.	124.359	1.402E-16	1.5407	6.209E-16
52	5.90769	INV_SLV	Combination	Max			0.	150.382	1.402E-16	1.5407	6.752E-16
52	6.4	INV_SLV	Combination	Max			0.	176.404	1.402E-16	1.5407	7.302E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
52	0.	INV_SLV	Combination	Min			0.	-180.761	-1.471E-16	-1.5394	-3.648E-16
52	0.49231	INV_SLV	Combination	Min			0.	-154.738	-1.471E-16	-1.5394	-3.120E-16
52	0.98462	INV_SLV	Combination	Min			0.	-128.715	-1.471E-16	-1.5394	-2.707E-16
52	1.47692	INV_SLV	Combination	Min			0.	-102.692	-1.471E-16	-1.5394	-2.742E-16
52	1.96923	INV_SLV	Combination	Min			0.	-76.67	-1.471E-16	-1.5394	-2.862E-16
52	2.46154	INV_SLV	Combination	Min			0.	-50.647	-1.471E-16	-1.5394	-3.085E-16
52	2.95385	INV_SLV	Combination	Min			0.	-24.624	-1.471E-16	-1.5394	-3.411E-16
52	3.44615	INV_SLV	Combination	Min			0.	1.399	-1.471E-16	-1.5394	-3.812E-16
52	3.93846	INV_SLV	Combination	Min			0.	27.421	-1.471E-16	-1.5394	-4.257E-16
52	4.43077	INV_SLV	Combination	Min			0.	53.444	-1.471E-16	-1.5394	-4.729E-16
52	4.92308	INV_SLV	Combination	Min			0.	79.467	-1.471E-16	-1.5394	-5.218E-16
52	5.41538	INV_SLV	Combination	Min			0.	105.49	-1.471E-16	-1.5394	-5.718E-16
52	5.90769	INV_SLV	Combination	Min			0.	131.512	-1.471E-16	-1.5394	-6.227E-16
52	6.4	INV_SLV	Combination	Min			0.	157.535	-1.471E-16	-1.5394	-6.743E-16
53	0.	INV_SLU	Combination	Max			0.	-128.891	9.337E-15	0.5796	1.160E-15
53	0.4	INV_SLU	Combination	Max			0.	-106.044	9.337E-15	0.5796	2.754E-15
53	0.8	INV_SLU	Combination	Max			0.	-83.196	9.337E-15	0.5796	4.349E-15
53	0.8	INV_SLU	Combination	Max			0.	-25.774	1.331E-14	0.3656	8.327E-17
53	1.2	INV_SLU	Combination	Max			0.	-2.927	1.331E-14	0.3656	-1.777E-15
53	1.6	INV_SLU	Combination	Max			0.	25.898	1.331E-14	0.3656	-2.839E-15
53	1.6	INV_SLU	Combination	Max			0.	-19.984	-1.665E-15	0.3561	6.661E-16
53	2.	INV_SLU	Combination	Max			0.	3.445	-1.665E-15	0.3561	1.332E-15
53	2.4	INV_SLU	Combination	Max			0.	34.482	-1.665E-15	0.3561	1.998E-15
53	2.4	INV_SLU	Combination	Max			0.	-22.523	1.499E-14	0.4214	2.820E-15
53	2.8	INV_SLU	Combination	Max			0.	0.324	1.499E-14	0.4214	1.554E-15
53	3.2	INV_SLU	Combination	Max			0.	30.648	1.499E-14	0.4214	1.954E-15
53	3.2	INV_SLU	Combination	Max			0.	-22.874	1.066E-14	0.907	0.
53	3.6	INV_SLU	Combination	Max			0.	-0.027	1.066E-14	0.907	-3.730E-16
53	4.	INV_SLU	Combination	Max			0.	30.199	1.066E-14	0.907	-7.461E-16
53	4.	INV_SLU	Combination	Max			0.	-23.192	-1.643E-15	1.55	1.166E-15
53	4.4	INV_SLU	Combination	Max			0.	-0.345	-1.643E-15	1.55	2.089E-15
53	4.8	INV_SLU	Combination	Max			0.	29.868	-1.643E-15	1.55	3.013E-15
53	4.8	INV_SLU	Combination	Max			0.	-23.012	2.665E-15	4.1851	1.665E-16
53	5.2	INV_SLU	Combination	Max			0.	-0.165	2.665E-15	4.1851	6.994E-16
53	5.6	INV_SLU	Combination	Max			0.	29.969	2.665E-15	4.1851	1.232E-15
53	5.6	INV_SLU	Combination	Max			0.	-34.218	-2.531E-15	10.9555	7.438E-16
53	6.	INV_SLU	Combination	Max			0.	-11.371	-2.531E-15	10.9555	3.941E-15
53	6.4	INV_SLU	Combination	Max			0.	16.547	-2.531E-15	10.9555	1.247E-14

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
53	0.	INV_SLU	Combination	Min			0.	-193.72	-3.986E-15	-0.0401	-4.835E-15
53	0.4	INV_SLU	Combination	Min			0.	-162.683	-3.986E-15	-0.0401	-8.570E-15
53	0.8	INV_SLU	Combination	Min			0.	-131.645	-3.986E-15	-0.0401	-1.230E-14
53	0.8	INV_SLU	Combination	Min			0.	-36.727	2.653E-15	0.0487	-1.249E-15
53	1.2	INV_SLU	Combination	Min			0.	-5.69	2.653E-15	0.0487	-5.241E-15
53	1.6	INV_SLU	Combination	Min			0.	19.003	2.653E-15	0.0487	-1.057E-14
53	1.6	INV_SLU	Combination	Min			0.	-28.276	-2.331E-15	0.2269	-9.992E-16
53	2.	INV_SLU	Combination	Min			0.	1.725	-2.331E-15	0.2269	-6.661E-17
53	2.4	INV_SLU	Combination	Min			0.	24.572	-2.331E-15	0.2269	6.661E-16
53	2.4	INV_SLU	Combination	Min			0.	-32.158	-9.992E-16	0.3315	1.155E-15
53	2.8	INV_SLU	Combination	Min			0.	-1.121	-9.992E-16	0.3315	-3.508E-15
53	3.2	INV_SLU	Combination	Min			0.	21.952	-9.992E-16	0.3315	-9.504E-15
53	3.2	INV_SLU	Combination	Min			0.	-32.601	9.326E-16	0.867	0.
53	3.6	INV_SLU	Combination	Min			0.	-1.563	9.326E-16	0.867	-4.263E-15
53	4.	INV_SLU	Combination	Min			0.	21.611	9.326E-16	0.867	-8.527E-15
53	4.	INV_SLU	Combination	Min			0.	-32.866	-2.309E-15	1.4948	-1.665E-16
53	4.4	INV_SLU	Combination	Min			0.	-1.828	-2.309E-15	1.4948	7.572E-16
53	4.8	INV_SLU	Combination	Min			0.	21.403	-2.309E-15	1.4948	1.481E-15
53	4.8	INV_SLU	Combination	Min			0.	-32.625	-1.332E-15	3.8685	1.665E-16
53	5.2	INV_SLU	Combination	Min			0.	-1.587	-1.332E-15	3.8685	-8.993E-16
53	5.6	INV_SLU	Combination	Min			0.	21.817	-1.332E-15	3.8685	-1.965E-15
53	5.6	INV_SLU	Combination	Min			0.	-45.661	-2.132E-14	9.9646	-4.585E-15
53	6.	INV_SLU	Combination	Min			0.	-14.624	-2.132E-14	9.9646	1.756E-15
53	6.4	INV_SLU	Combination	Min			0.	11.255	-2.132E-14	9.9646	2.769E-15
53	0.	INV_SLV	Combination	Max			0.	-85.542	1.890E-13	8.5667	5.591E-14
53	0.4	INV_SLV	Combination	Max			0.	-70.07	1.890E-13	8.5667	6.660E-14
53	0.8	INV_SLV	Combination	Max			0.	-54.599	1.890E-13	8.5667	1.292E-13
53	0.8	INV_SLV	Combination	Max			0.	9.46	1.549E-13	4.6897	9.363E-14
53	1.2	INV_SLV	Combination	Max			0.	24.931	1.549E-13	4.6897	4.724E-14
53	1.6	INV_SLV	Combination	Max			0.	40.403	1.549E-13	4.6897	7.165E-14
53	1.6	INV_SLV	Combination	Max			0.	19.962	2.873E-13	2.3624	6.123E-14
53	2.	INV_SLV	Combination	Max			0.	35.433	2.873E-13	2.3624	9.578E-14
53	2.4	INV_SLV	Combination	Max			0.	50.905	2.873E-13	2.3624	2.000E-13
53	2.4	INV_SLV	Combination	Max			0.	20.645	3.188E-13	1.8832	8.758E-14
53	2.8	INV_SLV	Combination	Max			0.	36.116	3.188E-13	1.8832	1.453E-13
53	3.2	INV_SLV	Combination	Max			0.	51.588	3.188E-13	1.8832	2.146E-13
53	3.2	INV_SLV	Combination	Max			0.	20.01	4.748E-14	1.3418	2.888E-14
53	3.6	INV_SLV	Combination	Max			0.	35.482	4.748E-14	1.3418	4.344E-14

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
53	4.	INV_SLV	Combination	Max			0.	50.953	4.748E-14	1.3418	5.846E-14
53	4.	INV_SLV	Combination	Max			0.	16.353	1.782E-13	1.4278	2.818E-14
53	4.4	INV_SLV	Combination	Max			0.	31.824	1.782E-13	1.4278	6.713E-14
53	4.8	INV_SLV	Combination	Max			0.	47.295	1.782E-13	1.4278	1.246E-13
53	4.8	INV_SLV	Combination	Max			0.	9.106	1.787E-13	6.141	6.842E-14
53	5.2	INV_SLV	Combination	Max			0.	24.578	1.787E-13	6.141	3.219E-14
53	5.6	INV_SLV	Combination	Max			0.	40.049	1.787E-13	6.141	7.740E-14
53	5.6	INV_SLV	Combination	Max			0.	-16.077	1.797E-13	18.508	5.611E-14
53	6.	INV_SLV	Combination	Max			0.	-0.605	1.797E-13	18.508	8.975E-14
53	6.4	INV_SLV	Combination	Max			0.	14.866	1.797E-13	18.508	1.512E-13
53	0.	INV_SLV	Combination	Min			0.	-88.181	-1.910E-13	-8.2812	-5.513E-14
53	0.4	INV_SLV	Combination	Min			0.	-72.709	-1.910E-13	-8.2812	-6.503E-14
53	0.8	INV_SLV	Combination	Min			0.	-57.238	-1.910E-13	-8.2812	-1.269E-13
53	0.8	INV_SLV	Combination	Min			0.	-45.317	-1.512E-13	-4.4728	-9.352E-14
53	1.2	INV_SLV	Combination	Min			0.	-29.846	-1.512E-13	-4.4728	-4.864E-14
53	1.6	INV_SLV	Combination	Min			0.	-14.374	-1.512E-13	-4.4728	-7.456E-14
53	1.6	INV_SLV	Combination	Min			0.	-48.187	-2.896E-13	-2.0181	-6.211E-14
53	2.	INV_SLV	Combination	Min			0.	-32.716	-2.896E-13	-2.0181	-9.578E-14
53	2.4	INV_SLV	Combination	Min			0.	-17.244	-2.896E-13	-2.0181	-1.991E-13
53	2.4	INV_SLV	Combination	Min			0.	-52.408	-3.130E-13	-1.4124	-8.403E-14
53	2.8	INV_SLV	Combination	Min			0.	-36.936	-3.130E-13	-1.4124	-1.441E-13
53	3.2	INV_SLV	Combination	Min			0.	-21.465	-3.130E-13	-1.4124	-2.156E-13
53	3.2	INV_SLV	Combination	Min			0.	-52.262	-4.748E-14	-0.149	-2.888E-14
53	3.6	INV_SLV	Combination	Min			0.	-36.791	-4.748E-14	-0.149	-4.344E-14
53	4.	INV_SLV	Combination	Min			0.	-21.319	-4.748E-14	-0.149	-5.846E-14
53	4.	INV_SLV	Combination	Min			0.	-48.943	-1.818E-13	0.649	-2.841E-14
53	4.4	INV_SLV	Combination	Min			0.	-33.472	-1.818E-13	0.649	-6.593E-14
53	4.8	INV_SLV	Combination	Min			0.	-18.	-1.818E-13	0.649	-1.220E-13
53	4.8	INV_SLV	Combination	Min			0.	-41.17	-1.787E-13	-0.5589	-6.820E-14
53	5.2	INV_SLV	Combination	Min			0.	-25.698	-1.787E-13	-0.5589	-3.197E-14
53	5.6	INV_SLV	Combination	Min			0.	-10.227	-1.787E-13	-0.5589	-7.718E-14
53	5.6	INV_SLV	Combination	Min			0.	-30.663	-1.797E-13	-3.9124	-5.500E-14
53	6.	INV_SLV	Combination	Min			0.	-15.192	-1.797E-13	-3.9124	-8.864E-14
53	6.4	INV_SLV	Combination	Min			0.	0.28	-1.797E-13	-3.9124	-1.501E-13
60	0.	INV_SLU	Combination	Max			-424.53	21.255	-12.739	-0.0078	-18.3977
60	1.75	INV_SLU	Combination	Max			-414.296	17.	-19.087	-0.0078	15.0758
60	3.5	INV_SLU	Combination	Max			-404.061	17.	-19.453	-0.0078	62.6694
60	0.	INV_SLU	Combination	Min			-541.775	16.772	-26.096	-0.0495	-30.5925

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
60	1.75	INV_SLU	Combination	Min			-531.54	16.005	-26.096	-0.0495	9.4501
60	3.5	INV_SLU	Combination	Min			-521.306	10.755	-29.685	-0.0495	45.1968
60	0.	INV_SLV	Combination	Max			-262.095	56.039	-4.871	0.9266	1.3785
60	1.75	INV_SLV	Combination	Max			-254.222	56.039	-4.871	0.9266	9.9108
60	3.5	INV_SLV	Combination	Max			-246.35	56.039	-4.871	0.9266	42.3273
60	0.	INV_SLV	Combination	Min			-327.998	-33.261	-21.182	-0.9509	-31.8137
60	1.75	INV_SLV	Combination	Min			-320.125	-33.261	-21.182	-0.9509	5.2474
60	3.5	INV_SLV	Combination	Min			-312.253	-33.261	-21.182	-0.9509	18.4243
61	0.	INV_SLU	Combination	Max			-759.505	8.596	3.334	-0.0078	3.5987
61	1.75	INV_SLU	Combination	Max			-749.27	3.89	3.334	-0.0078	-1.6831
61	3.5	INV_SLU	Combination	Max			-739.036	3.89	3.334	-0.0078	-5.5028
61	0.	INV_SLU	Combination	Min			-1039.837	3.863	2.161	-0.0495	2.0623
61	1.75	INV_SLU	Combination	Min			-1029.602	3.346	2.161	-0.0495	-2.2588
61	3.5	INV_SLU	Combination	Min			-1019.368	-1.904	2.161	-0.0495	-8.0718
61	0.	INV_SLV	Combination	Max			-490.903	39.214	11.718	0.9266	20.5286
61	1.75	INV_SLV	Combination	Max			-483.031	39.214	11.718	0.9266	0.026
61	3.5	INV_SLV	Combination	Max			-475.158	39.214	11.718	0.9266	12.5129
61	0.	INV_SLV	Combination	Min			-555.807	-33.765	-8.474	-0.9509	-17.1451
61	1.75	INV_SLV	Combination	Min			-547.934	-33.765	-8.474	-0.9509	-2.3195
61	3.5	INV_SLV	Combination	Min			-540.062	-33.765	-8.474	-0.9509	-20.4834
62	0.	INV_SLU	Combination	Max			-714.288	8.783	-0.434	-0.0078	-0.5689
62	1.75	INV_SLU	Combination	Max			-704.053	3.633	-0.434	-0.0078	0.2102
62	3.5	INV_SLU	Combination	Max			-693.819	3.633	-0.434	-0.0078	2.0558
62	0.	INV_SLU	Combination	Min			-974.696	3.629	-1.076	-0.0495	-1.7116
62	1.75	INV_SLU	Combination	Min			-964.462	3.533	-1.076	-0.0495	0.1269
62	3.5	INV_SLU	Combination	Min			-954.227	-1.717	-1.076	-0.0495	0.9496
62	0.	INV_SLV	Combination	Max			-466.873	31.377	9.317	0.9266	17.7574
62	1.75	INV_SLV	Combination	Max			-459.001	31.377	9.317	0.9266	1.4563
62	3.5	INV_SLV	Combination	Max			-451.128	31.377	9.317	0.9266	16.7285
62	0.	INV_SLV	Combination	Min			-517.757	-26.13	-10.271	-0.9509	-19.2194
62	1.75	INV_SLV	Combination	Min			-509.884	-26.13	-10.271	-0.9509	-1.2493
62	3.5	INV_SLV	Combination	Min			-502.011	-26.13	-10.271	-0.9509	-14.8526
63	0.	INV_SLU	Combination	Max			-721.642	9.23	0.01	-0.0078	-0.0561
63	1.75	INV_SLU	Combination	Max			-711.407	3.98	0.01	-0.0078	-0.0743
63	3.5	INV_SLU	Combination	Max			-701.173	3.675	0.01	-0.0078	0.7571
63	0.	INV_SLU	Combination	Min			-985.501	3.624	-0.523	-0.0495	-1.0725
63	1.75	INV_SLU	Combination	Min			-975.266	3.624	-0.523	-0.0495	-0.1577
63	3.5	INV_SLU	Combination	Min			-965.032	-1.27	-0.523	-0.0495	-0.0924

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
63	0.	INV_SLV	Combination	Max			-477.137	24.177	9.656	0.9266	18.1483
63	1.75	INV_SLV	Combination	Max			-469.264	24.177	9.656	0.9266	1.2546
63	3.5	INV_SLV	Combination	Max			-461.391	24.177	9.656	0.9266	16.1486
63	0.	INV_SLV	Combination	Min			-517.703	-18.789	-10.023	-0.9509	-18.9341
63	1.75	INV_SLV	Combination	Min			-509.83	-18.789	-10.023	-0.9509	-1.3966
63	3.5	INV_SLV	Combination	Min			-501.958	-18.789	-10.023	-0.9509	-15.6469
64	0.	INV_SLU	Combination	Max			-723.885	9.829	-0.05	-0.0078	-0.1263
64	1.75	INV_SLU	Combination	Max			-713.651	4.579	-0.05	-0.0078	-0.0381
64	3.5	INV_SLU	Combination	Max			-703.416	3.886	-0.05	-0.0078	0.9211
64	0.	INV_SLU	Combination	Min			-988.271	3.77	-0.593	-0.0495	-1.1532
64	1.75	INV_SLU	Combination	Min			-978.037	3.77	-0.593	-0.0495	-0.116
64	3.5	INV_SLU	Combination	Min			-967.802	-0.671	-0.593	-0.0495	0.0501
64	0.	INV_SLV	Combination	Max			-485.969	17.604	9.607	0.9266	18.0925
64	1.75	INV_SLV	Combination	Max			-478.096	17.604	9.607	0.9266	1.2833
64	3.5	INV_SLV	Combination	Max			-470.223	17.604	9.607	0.9266	16.2197
64	0.	INV_SLV	Combination	Min			-512.154	-11.854	-10.054	-0.9509	-18.969
64	1.75	INV_SLV	Combination	Min			-504.281	-11.854	-10.054	-0.9509	-1.3786
64	3.5	INV_SLV	Combination	Min			-496.408	-11.854	-10.054	-0.9509	-15.5337
65	0.	INV_SLU	Combination	Max			-723.96	10.28	-0.034	-0.0078	-0.1072
65	1.75	INV_SLU	Combination	Max			-713.725	5.03	-0.034	-0.0078	-0.0479
65	3.5	INV_SLU	Combination	Max			-703.491	3.949	-0.034	-0.0078	0.879
65	0.	INV_SLU	Combination	Min			-988.476	3.777	-0.575	-0.0495	-1.1325
65	1.75	INV_SLU	Combination	Min			-978.241	3.777	-0.575	-0.0495	-0.1267
65	3.5	INV_SLU	Combination	Min			-968.007	-0.22	-0.575	-0.0495	0.0113
65	0.	INV_SLV	Combination	Max			-487.135	16.84	9.621	0.9266	18.1078
65	1.75	INV_SLV	Combination	Max			-479.262	16.84	9.621	0.9266	1.2754
65	3.5	INV_SLV	Combination	Max			-471.39	16.84	9.621	0.9266	16.1988
65	0.	INV_SLV	Combination	Min			-511.17	-10.934	-10.045	-0.9509	-18.9588
65	1.75	INV_SLV	Combination	Min			-503.297	-10.934	-10.045	-0.9509	-1.3838
65	3.5	INV_SLV	Combination	Min			-495.425	-10.934	-10.045	-0.9509	-15.5647
66	0.	INV_SLU	Combination	Max			0.	-85.005	-1.301E-18	3.5379	1.492E-17
66	0.4875	INV_SLU	Combination	Max			0.	-74.841	-1.301E-18	3.5379	1.758E-17
66	0.975	INV_SLU	Combination	Max			0.	-64.678	-1.301E-18	3.5379	2.025E-17
66	1.4625	INV_SLU	Combination	Max			0.	-54.514	-1.301E-18	3.5379	2.291E-17
66	1.95	INV_SLU	Combination	Max			0.	-44.351	-1.301E-18	3.5379	2.557E-17
66	2.4375	INV_SLU	Combination	Max			0.	-34.187	-1.301E-18	3.5379	2.824E-17
66	2.925	INV_SLU	Combination	Max			0.	-24.023	-1.301E-18	3.5379	3.090E-17
66	3.4125	INV_SLU	Combination	Max			0.	-13.86	-1.301E-18	3.5379	3.357E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
66	3.9	INV_SLU	Combination	Max			0.	-3.696	-1.301E-18	3.5379	3.623E-17
66	4.3875	INV_SLU	Combination	Max			0.	6.467	-1.301E-18	3.5379	3.889E-17
66	4.875	INV_SLU	Combination	Max			0.	16.631	-1.301E-18	3.5379	4.156E-17
66	5.3625	INV_SLU	Combination	Max			0.	26.794	-1.301E-18	3.5379	4.422E-17
66	5.85	INV_SLU	Combination	Max			0.	36.958	-1.301E-18	3.5379	4.689E-17
66	6.3375	INV_SLU	Combination	Max			0.	47.121	-1.301E-18	3.5379	4.955E-17
66	6.825	INV_SLU	Combination	Max			0.	57.285	-1.301E-18	3.5379	5.221E-17
66	7.3125	INV_SLU	Combination	Max			0.	67.448	-1.301E-18	3.5379	5.488E-17
66	7.8	INV_SLU	Combination	Max			0.	77.612	-1.301E-18	3.5379	5.754E-17
66	0.	INV_SLU	Combination	Min			0.	-85.196	-5.464E-18	1.6982	1.492E-17
66	0.4875	INV_SLU	Combination	Min			0.	-75.032	-5.464E-18	1.6982	1.555E-17
66	0.975	INV_SLU	Combination	Min			0.	-64.869	-5.464E-18	1.6982	1.619E-17
66	1.4625	INV_SLU	Combination	Min			0.	-54.705	-5.464E-18	1.6982	1.682E-17
66	1.95	INV_SLU	Combination	Min			0.	-44.542	-5.464E-18	1.6982	1.746E-17
66	2.4375	INV_SLU	Combination	Min			0.	-34.378	-5.464E-18	1.6982	1.809E-17
66	2.925	INV_SLU	Combination	Min			0.	-24.215	-5.464E-18	1.6982	1.872E-17
66	3.4125	INV_SLU	Combination	Min			0.	-14.051	-5.464E-18	1.6982	1.936E-17
66	3.9	INV_SLU	Combination	Min			0.	-3.888	-5.464E-18	1.6982	1.999E-17
66	4.3875	INV_SLU	Combination	Min			0.	6.276	-5.464E-18	1.6982	2.063E-17
66	4.875	INV_SLU	Combination	Min			0.	16.439	-5.464E-18	1.6982	2.126E-17
66	5.3625	INV_SLU	Combination	Min			0.	26.603	-5.464E-18	1.6982	2.190E-17
66	5.85	INV_SLU	Combination	Min			0.	36.766	-5.464E-18	1.6982	2.253E-17
66	6.3375	INV_SLU	Combination	Min			0.	46.93	-5.464E-18	1.6982	2.316E-17
66	6.825	INV_SLU	Combination	Min			0.	57.093	-5.464E-18	1.6982	2.380E-17
66	7.3125	INV_SLU	Combination	Min			0.	67.257	-5.464E-18	1.6982	2.443E-17
66	7.8	INV_SLU	Combination	Min			0.	77.421	-5.464E-18	1.6982	2.507E-17
66	0.	INV_SLV	Combination	Max			0.	-38.257	2.388E-16	1.7244	5.796E-16
66	0.4875	INV_SLV	Combination	Max			0.	-31.189	2.388E-16	1.7244	4.990E-16
66	0.975	INV_SLV	Combination	Max			0.	-24.121	2.388E-16	1.7244	4.521E-16
66	1.4625	INV_SLV	Combination	Max			0.	-17.053	2.388E-16	1.7244	4.286E-16
66	1.95	INV_SLV	Combination	Max			0.	-9.984	2.388E-16	1.7244	4.314E-16
66	2.4375	INV_SLV	Combination	Max			0.	-2.916	2.388E-16	1.7244	4.657E-16
66	2.925	INV_SLV	Combination	Max			0.	4.152	2.388E-16	1.7244	5.306E-16
66	3.4125	INV_SLV	Combination	Max			0.	11.22	2.388E-16	1.7244	6.070E-16
66	3.9	INV_SLV	Combination	Max			0.	18.288	2.388E-16	1.7244	6.876E-16
66	4.3875	INV_SLV	Combination	Max			0.	25.356	2.388E-16	1.7244	7.703E-16
66	4.875	INV_SLV	Combination	Max			0.	32.424	2.388E-16	1.7244	8.542E-16
66	5.3625	INV_SLV	Combination	Max			0.	39.492	2.388E-16	1.7244	9.389E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
66	5.85	INV_SLV	Combination	Max			0.	46.56	2.388E-16	1.7244	1.024E-15
66	6.3375	INV_SLV	Combination	Max			0.	53.628	2.388E-16	1.7244	1.132E-15
66	6.825	INV_SLV	Combination	Max			0.	60.697	2.388E-16	1.7244	1.248E-15
66	7.3125	INV_SLV	Combination	Max			0.	67.765	2.388E-16	1.7244	1.365E-15
66	7.8	INV_SLV	Combination	Max			0.	74.833	2.388E-16	1.7244	1.481E-15
66	0.	INV_SLV	Combination	Min			0.	-80.165	-2.405E-16	0.5253	-5.587E-16
66	0.4875	INV_SLV	Combination	Min			0.	-73.097	-2.405E-16	0.5253	-4.773E-16
66	0.975	INV_SLV	Combination	Min			0.	-66.028	-2.405E-16	0.5253	-4.296E-16
66	1.4625	INV_SLV	Combination	Min			0.	-58.96	-2.405E-16	0.5253	-4.052E-16
66	1.95	INV_SLV	Combination	Min			0.	-51.892	-2.405E-16	0.5253	-4.072E-16
66	2.4375	INV_SLV	Combination	Min			0.	-44.824	-2.405E-16	0.5253	-4.407E-16
66	2.925	INV_SLV	Combination	Min			0.	-37.756	-2.405E-16	0.5253	-5.047E-16
66	3.4125	INV_SLV	Combination	Min			0.	-30.688	-2.405E-16	0.5253	-5.802E-16
66	3.9	INV_SLV	Combination	Min			0.	-23.62	-2.405E-16	0.5253	-6.600E-16
66	4.3875	INV_SLV	Combination	Min			0.	-16.552	-2.405E-16	0.5253	-7.418E-16
66	4.875	INV_SLV	Combination	Min			0.	-9.484	-2.405E-16	0.5253	-8.249E-16
66	5.3625	INV_SLV	Combination	Min			0.	-2.415	-2.405E-16	0.5253	-9.088E-16
66	5.85	INV_SLV	Combination	Min			0.	4.653	-2.405E-16	0.5253	-9.933E-16
66	6.3375	INV_SLV	Combination	Min			0.	11.721	-2.405E-16	0.5253	-1.100E-15
66	6.825	INV_SLV	Combination	Min			0.	18.789	-2.405E-16	0.5253	-1.215E-15
66	7.3125	INV_SLV	Combination	Min			0.	25.857	-2.405E-16	0.5253	-1.331E-15
66	7.8	INV_SLV	Combination	Min			0.	32.925	-2.405E-16	0.5253	-1.447E-15
67	0.	INV_SLU	Combination	Max			0.	-22.822	-1.301E-18	-0.1544	1.492E-17
67	0.4875	INV_SLU	Combination	Max			0.	-19.971	-1.301E-18	-0.1544	1.758E-17
67	0.975	INV_SLU	Combination	Max			0.	-17.12	-1.301E-18	-0.1544	2.025E-17
67	1.4625	INV_SLU	Combination	Max			0.	-14.269	-1.301E-18	-0.1544	2.291E-17
67	1.95	INV_SLU	Combination	Max			0.	-11.418	-1.301E-18	-0.1544	2.557E-17
67	2.4375	INV_SLU	Combination	Max			0.	-8.567	-1.301E-18	-0.1544	2.824E-17
67	2.925	INV_SLU	Combination	Max			0.	-5.716	-1.301E-18	-0.1544	3.090E-17
67	3.4125	INV_SLU	Combination	Max			0.	-2.865	-1.301E-18	-0.1544	3.357E-17
67	3.9	INV_SLU	Combination	Max			0.	-0.014	-1.301E-18	-0.1544	3.623E-17
67	4.3875	INV_SLU	Combination	Max			0.	2.837	-1.301E-18	-0.1544	3.889E-17
67	4.875	INV_SLU	Combination	Max			0.	5.688	-1.301E-18	-0.1544	4.156E-17
67	5.3625	INV_SLU	Combination	Max			0.	8.539	-1.301E-18	-0.1544	4.422E-17
67	5.85	INV_SLU	Combination	Max			0.	11.39	-1.301E-18	-0.1544	4.689E-17
67	6.3375	INV_SLU	Combination	Max			0.	14.241	-1.301E-18	-0.1544	4.955E-17
67	6.825	INV_SLU	Combination	Max			0.	17.092	-1.301E-18	-0.1544	5.221E-17
67	7.3125	INV_SLU	Combination	Max			0.	19.943	-1.301E-18	-0.1544	5.488E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
67	7.8	INV_SLU	Combination	Max			0.	22.794	-1.301E-18	-0.1544	5.754E-17
67	0.	INV_SLU	Combination	Min			0.	-23.27	-5.464E-18	-0.3933	1.492E-17
67	0.4875	INV_SLU	Combination	Min			0.	-20.419	-5.464E-18	-0.3933	1.555E-17
67	0.975	INV_SLU	Combination	Min			0.	-17.568	-5.464E-18	-0.3933	1.619E-17
67	1.4625	INV_SLU	Combination	Min			0.	-14.717	-5.464E-18	-0.3933	1.682E-17
67	1.95	INV_SLU	Combination	Min			0.	-11.866	-5.464E-18	-0.3933	1.746E-17
67	2.4375	INV_SLU	Combination	Min			0.	-9.015	-5.464E-18	-0.3933	1.809E-17
67	2.925	INV_SLU	Combination	Min			0.	-6.164	-5.464E-18	-0.3933	1.872E-17
67	3.4125	INV_SLU	Combination	Min			0.	-3.313	-5.464E-18	-0.3933	1.936E-17
67	3.9	INV_SLU	Combination	Min			0.	-0.462	-5.464E-18	-0.3933	1.999E-17
67	4.3875	INV_SLU	Combination	Min			0.	2.389	-5.464E-18	-0.3933	2.063E-17
67	4.875	INV_SLU	Combination	Min			0.	5.24	-5.464E-18	-0.3933	2.126E-17
67	5.3625	INV_SLU	Combination	Min			0.	8.091	-5.464E-18	-0.3933	2.190E-17
67	5.85	INV_SLU	Combination	Min			0.	10.942	-5.464E-18	-0.3933	2.253E-17
67	6.3375	INV_SLU	Combination	Min			0.	13.793	-5.464E-18	-0.3933	2.316E-17
67	6.825	INV_SLU	Combination	Min			0.	16.645	-5.464E-18	-0.3933	2.380E-17
67	7.3125	INV_SLU	Combination	Min			0.	19.496	-5.464E-18	-0.3933	2.443E-17
67	7.8	INV_SLU	Combination	Min			0.	22.347	-5.464E-18	-0.3933	2.507E-17
67	0.	INV_SLV	Combination	Max			0.	-0.528	2.388E-16	0.1962	5.796E-16
67	0.4875	INV_SLV	Combination	Max			0.	1.665	2.388E-16	0.1962	4.990E-16
67	0.975	INV_SLV	Combination	Max			0.	3.858	2.388E-16	0.1962	4.521E-16
67	1.4625	INV_SLV	Combination	Max			0.	6.051	2.388E-16	0.1962	4.286E-16
67	1.95	INV_SLV	Combination	Max			0.	8.244	2.388E-16	0.1962	4.314E-16
67	2.4375	INV_SLV	Combination	Max			0.	10.437	2.388E-16	0.1962	4.657E-16
67	2.925	INV_SLV	Combination	Max			0.	12.631	2.388E-16	0.1962	5.306E-16
67	3.4125	INV_SLV	Combination	Max			0.	14.824	2.388E-16	0.1962	6.070E-16
67	3.9	INV_SLV	Combination	Max			0.	17.017	2.388E-16	0.1962	6.876E-16
67	4.3875	INV_SLV	Combination	Max			0.	19.21	2.388E-16	0.1962	7.703E-16
67	4.875	INV_SLV	Combination	Max			0.	21.403	2.388E-16	0.1962	8.542E-16
67	5.3625	INV_SLV	Combination	Max			0.	23.596	2.388E-16	0.1962	9.389E-16
67	5.85	INV_SLV	Combination	Max			0.	25.789	2.388E-16	0.1962	1.024E-15
67	6.3375	INV_SLV	Combination	Max			0.	27.982	2.388E-16	0.1962	1.132E-15
67	6.825	INV_SLV	Combination	Max			0.	30.175	2.388E-16	0.1962	1.248E-15
67	7.3125	INV_SLV	Combination	Max			0.	32.368	2.388E-16	0.1962	1.365E-15
67	7.8	INV_SLV	Combination	Max			0.	34.562	2.388E-16	0.1962	1.481E-15
67	0.	INV_SLV	Combination	Min			0.	-35.464	-2.405E-16	-0.4132	-5.587E-16
67	0.4875	INV_SLV	Combination	Min			0.	-33.271	-2.405E-16	-0.4132	-4.773E-16
67	0.975	INV_SLV	Combination	Min			0.	-31.078	-2.405E-16	-0.4132	-4.296E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
67	1.4625	INV_SLV	Combination	Min			0.	-28.885	-2.405E-16	-0.4132	-4.052E-16
67	1.95	INV_SLV	Combination	Min			0.	-26.692	-2.405E-16	-0.4132	-4.072E-16
67	2.4375	INV_SLV	Combination	Min			0.	-24.498	-2.405E-16	-0.4132	-4.407E-16
67	2.925	INV_SLV	Combination	Min			0.	-22.305	-2.405E-16	-0.4132	-5.047E-16
67	3.4125	INV_SLV	Combination	Min			0.	-20.112	-2.405E-16	-0.4132	-5.802E-16
67	3.9	INV_SLV	Combination	Min			0.	-17.919	-2.405E-16	-0.4132	-6.600E-16
67	4.3875	INV_SLV	Combination	Min			0.	-15.726	-2.405E-16	-0.4132	-7.418E-16
67	4.875	INV_SLV	Combination	Min			0.	-13.533	-2.405E-16	-0.4132	-8.249E-16
67	5.3625	INV_SLV	Combination	Min			0.	-11.34	-2.405E-16	-0.4132	-9.088E-16
67	5.85	INV_SLV	Combination	Min			0.	-9.147	-2.405E-16	-0.4132	-9.933E-16
67	6.3375	INV_SLV	Combination	Min			0.	-6.954	-2.405E-16	-0.4132	-1.100E-15
67	6.825	INV_SLV	Combination	Min			0.	-4.761	-2.405E-16	-0.4132	-1.215E-15
67	7.3125	INV_SLV	Combination	Min			0.	-2.567	-2.405E-16	-0.4132	-1.331E-15
67	7.8	INV_SLV	Combination	Min			0.	-0.374	-2.405E-16	-0.4132	-1.447E-15
68	0.	INV_SLU	Combination	Max			0.	-22.701	-1.301E-18	0.0552	1.492E-17
68	0.4875	INV_SLU	Combination	Max			0.	-19.85	-1.301E-18	0.0552	1.758E-17
68	0.975	INV_SLU	Combination	Max			0.	-16.999	-1.301E-18	0.0552	2.025E-17
68	1.4625	INV_SLU	Combination	Max			0.	-14.148	-1.301E-18	0.0552	2.291E-17
68	1.95	INV_SLU	Combination	Max			0.	-11.297	-1.301E-18	0.0552	2.557E-17
68	2.4375	INV_SLU	Combination	Max			0.	-8.446	-1.301E-18	0.0552	2.824E-17
68	2.925	INV_SLU	Combination	Max			0.	-5.595	-1.301E-18	0.0552	3.090E-17
68	3.4125	INV_SLU	Combination	Max			0.	-2.744	-1.301E-18	0.0552	3.357E-17
68	3.9	INV_SLU	Combination	Max			0.	0.107	-1.301E-18	0.0552	3.623E-17
68	4.3875	INV_SLU	Combination	Max			0.	2.958	-1.301E-18	0.0552	3.889E-17
68	4.875	INV_SLU	Combination	Max			0.	5.809	-1.301E-18	0.0552	4.156E-17
68	5.3625	INV_SLU	Combination	Max			0.	8.66	-1.301E-18	0.0552	4.422E-17
68	5.85	INV_SLU	Combination	Max			0.	11.511	-1.301E-18	0.0552	4.689E-17
68	6.3375	INV_SLU	Combination	Max			0.	14.362	-1.301E-18	0.0552	4.955E-17
68	6.825	INV_SLU	Combination	Max			0.	17.213	-1.301E-18	0.0552	5.221E-17
68	7.3125	INV_SLU	Combination	Max			0.	20.064	-1.301E-18	0.0552	5.488E-17
68	7.8	INV_SLU	Combination	Max			0.	22.915	-1.301E-18	0.0552	5.754E-17
68	0.	INV_SLU	Combination	Min			0.	-23.21	-5.464E-18	0.0187	1.492E-17
68	0.4875	INV_SLU	Combination	Min			0.	-20.359	-5.464E-18	0.0187	1.555E-17
68	0.975	INV_SLU	Combination	Min			0.	-17.508	-5.464E-18	0.0187	1.619E-17
68	1.4625	INV_SLU	Combination	Min			0.	-14.657	-5.464E-18	0.0187	1.682E-17
68	1.95	INV_SLU	Combination	Min			0.	-11.806	-5.464E-18	0.0187	1.746E-17
68	2.4375	INV_SLU	Combination	Min			0.	-8.955	-5.464E-18	0.0187	1.809E-17
68	2.925	INV_SLU	Combination	Min			0.	-6.104	-5.464E-18	0.0187	1.872E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
68	3.4125	INV_SLU	Combination	Min			0.	-3.252	-5.464E-18	0.0187	1.936E-17
68	3.9	INV_SLU	Combination	Min			0.	-0.401	-5.464E-18	0.0187	1.999E-17
68	4.3875	INV_SLU	Combination	Min			0.	2.45	-5.464E-18	0.0187	2.063E-17
68	4.875	INV_SLU	Combination	Min			0.	5.301	-5.464E-18	0.0187	2.126E-17
68	5.3625	INV_SLU	Combination	Min			0.	8.152	-5.464E-18	0.0187	2.190E-17
68	5.85	INV_SLU	Combination	Min			0.	11.003	-5.464E-18	0.0187	2.253E-17
68	6.3375	INV_SLU	Combination	Min			0.	13.854	-5.464E-18	0.0187	2.316E-17
68	6.825	INV_SLU	Combination	Min			0.	16.705	-5.464E-18	0.0187	2.380E-17
68	7.3125	INV_SLU	Combination	Min			0.	19.556	-5.464E-18	0.0187	2.443E-17
68	7.8	INV_SLU	Combination	Min			0.	22.407	-5.464E-18	0.0187	2.507E-17
68	0.	INV_SLV	Combination	Max			0.	-3.843	2.388E-16	0.3646	5.796E-16
68	0.4875	INV_SLV	Combination	Max			0.	-1.65	2.388E-16	0.3646	4.990E-16
68	0.975	INV_SLV	Combination	Max			0.	0.544	2.388E-16	0.3646	4.521E-16
68	1.4625	INV_SLV	Combination	Max			0.	2.737	2.388E-16	0.3646	4.286E-16
68	1.95	INV_SLV	Combination	Max			0.	4.93	2.388E-16	0.3646	4.314E-16
68	2.4375	INV_SLV	Combination	Max			0.	7.123	2.388E-16	0.3646	4.657E-16
68	2.925	INV_SLV	Combination	Max			0.	9.316	2.388E-16	0.3646	5.306E-16
68	3.4125	INV_SLV	Combination	Max			0.	11.509	2.388E-16	0.3646	6.070E-16
68	3.9	INV_SLV	Combination	Max			0.	13.702	2.388E-16	0.3646	6.876E-16
68	4.3875	INV_SLV	Combination	Max			0.	15.895	2.388E-16	0.3646	7.703E-16
68	4.875	INV_SLV	Combination	Max			0.	18.088	2.388E-16	0.3646	8.542E-16
68	5.3625	INV_SLV	Combination	Max			0.	20.281	2.388E-16	0.3646	9.389E-16
68	5.85	INV_SLV	Combination	Max			0.	22.475	2.388E-16	0.3646	1.024E-15
68	6.3375	INV_SLV	Combination	Max			0.	24.668	2.388E-16	0.3646	1.132E-15
68	6.825	INV_SLV	Combination	Max			0.	26.861	2.388E-16	0.3646	1.248E-15
68	7.3125	INV_SLV	Combination	Max			0.	29.054	2.388E-16	0.3646	1.365E-15
68	7.8	INV_SLV	Combination	Max			0.	31.247	2.388E-16	0.3646	1.481E-15
68	0.	INV_SLV	Combination	Min			0.	-32.03	-2.405E-16	-0.337	-5.587E-16
68	0.4875	INV_SLV	Combination	Min			0.	-29.837	-2.405E-16	-0.337	-4.773E-16
68	0.975	INV_SLV	Combination	Min			0.	-27.644	-2.405E-16	-0.337	-4.296E-16
68	1.4625	INV_SLV	Combination	Min			0.	-25.451	-2.405E-16	-0.337	-4.052E-16
68	1.95	INV_SLV	Combination	Min			0.	-23.258	-2.405E-16	-0.337	-4.072E-16
68	2.4375	INV_SLV	Combination	Min			0.	-21.065	-2.405E-16	-0.337	-4.407E-16
68	2.925	INV_SLV	Combination	Min			0.	-18.872	-2.405E-16	-0.337	-5.047E-16
68	3.4125	INV_SLV	Combination	Min			0.	-16.679	-2.405E-16	-0.337	-5.802E-16
68	3.9	INV_SLV	Combination	Min			0.	-14.485	-2.405E-16	-0.337	-6.600E-16
68	4.3875	INV_SLV	Combination	Min			0.	-12.292	-2.405E-16	-0.337	-7.418E-16
68	4.875	INV_SLV	Combination	Min			0.	-10.099	-2.405E-16	-0.337	-8.249E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
68	5.3625	INV_SLV	Combination	Min			0.	-7.906	-2.405E-16	-0.337	-9.088E-16
68	5.85	INV_SLV	Combination	Min			0.	-5.713	-2.405E-16	-0.337	-9.933E-16
68	6.3375	INV_SLV	Combination	Min			0.	-3.52	-2.405E-16	-0.337	-1.100E-15
68	6.825	INV_SLV	Combination	Min			0.	-1.327	-2.405E-16	-0.337	-1.215E-15
68	7.3125	INV_SLV	Combination	Min			0.	0.866	-2.405E-16	-0.337	-1.331E-15
68	7.8	INV_SLV	Combination	Min			0.	3.059	-2.405E-16	-0.337	-1.447E-15
69	0.	INV_SLU	Combination	Max			0.	-22.506	-1.301E-18	0.006	1.492E-17
69	0.4875	INV_SLU	Combination	Max			0.	-19.655	-1.301E-18	0.006	1.758E-17
69	0.975	INV_SLU	Combination	Max			0.	-16.804	-1.301E-18	0.006	2.025E-17
69	1.4625	INV_SLU	Combination	Max			0.	-13.953	-1.301E-18	0.006	2.291E-17
69	1.95	INV_SLU	Combination	Max			0.	-11.102	-1.301E-18	0.006	2.557E-17
69	2.4375	INV_SLU	Combination	Max			0.	-8.251	-1.301E-18	0.006	2.824E-17
69	2.925	INV_SLU	Combination	Max			0.	-5.4	-1.301E-18	0.006	3.090E-17
69	3.4125	INV_SLU	Combination	Max			0.	-2.549	-1.301E-18	0.006	3.357E-17
69	3.9	INV_SLU	Combination	Max			0.	0.303	-1.301E-18	0.006	3.623E-17
69	4.3875	INV_SLU	Combination	Max			0.	3.154	-1.301E-18	0.006	3.889E-17
69	4.875	INV_SLU	Combination	Max			0.	6.005	-1.301E-18	0.006	4.156E-17
69	5.3625	INV_SLU	Combination	Max			0.	8.856	-1.301E-18	0.006	4.422E-17
69	5.85	INV_SLU	Combination	Max			0.	11.707	-1.301E-18	0.006	4.689E-17
69	6.3375	INV_SLU	Combination	Max			0.	14.558	-1.301E-18	0.006	4.955E-17
69	6.825	INV_SLU	Combination	Max			0.	17.409	-1.301E-18	0.006	5.221E-17
69	7.3125	INV_SLU	Combination	Max			0.	20.26	-1.301E-18	0.006	5.488E-17
69	7.8	INV_SLU	Combination	Max			0.	23.111	-1.301E-18	0.006	5.754E-17
69	0.	INV_SLU	Combination	Min			0.	-23.135	-5.464E-18	-0.0126	1.492E-17
69	0.4875	INV_SLU	Combination	Min			0.	-20.284	-5.464E-18	-0.0126	1.555E-17
69	0.975	INV_SLU	Combination	Min			0.	-17.433	-5.464E-18	-0.0126	1.619E-17
69	1.4625	INV_SLU	Combination	Min			0.	-14.582	-5.464E-18	-0.0126	1.682E-17
69	1.95	INV_SLU	Combination	Min			0.	-11.731	-5.464E-18	-0.0126	1.746E-17
69	2.4375	INV_SLU	Combination	Min			0.	-8.88	-5.464E-18	-0.0126	1.809E-17
69	2.925	INV_SLU	Combination	Min			0.	-6.029	-5.464E-18	-0.0126	1.872E-17
69	3.4125	INV_SLU	Combination	Min			0.	-3.178	-5.464E-18	-0.0126	1.936E-17
69	3.9	INV_SLU	Combination	Min			0.	-0.327	-5.464E-18	-0.0126	1.999E-17
69	4.3875	INV_SLU	Combination	Min			0.	2.524	-5.464E-18	-0.0126	2.063E-17
69	4.875	INV_SLU	Combination	Min			0.	5.375	-5.464E-18	-0.0126	2.126E-17
69	5.3625	INV_SLU	Combination	Min			0.	8.226	-5.464E-18	-0.0126	2.190E-17
69	5.85	INV_SLU	Combination	Min			0.	11.077	-5.464E-18	-0.0126	2.253E-17
69	6.3375	INV_SLU	Combination	Min			0.	13.928	-5.464E-18	-0.0126	2.316E-17
69	6.825	INV_SLU	Combination	Min			0.	16.779	-5.464E-18	-0.0126	2.380E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
69	7.3125	INV_SLU	Combination	Min			0.	19.63	-5.464E-18	-0.0126	2.443E-17
69	7.8	INV_SLU	Combination	Min			0.	22.481	-5.464E-18	-0.0126	2.507E-17
69	0.	INV_SLV	Combination	Max			0.	-6.954	2.388E-16	0.3321	5.796E-16
69	0.4875	INV_SLV	Combination	Max			0.	-4.761	2.388E-16	0.3321	4.990E-16
69	0.975	INV_SLV	Combination	Max			0.	-2.568	2.388E-16	0.3321	4.521E-16
69	1.4625	INV_SLV	Combination	Max			0.	-0.375	2.388E-16	0.3321	4.286E-16
69	1.95	INV_SLV	Combination	Max			0.	1.818	2.388E-16	0.3321	4.314E-16
69	2.4375	INV_SLV	Combination	Max			0.	4.011	2.388E-16	0.3321	4.657E-16
69	2.925	INV_SLV	Combination	Max			0.	6.204	2.388E-16	0.3321	5.306E-16
69	3.4125	INV_SLV	Combination	Max			0.	8.397	2.388E-16	0.3321	6.070E-16
69	3.9	INV_SLV	Combination	Max			0.	10.59	2.388E-16	0.3321	6.876E-16
69	4.3875	INV_SLV	Combination	Max			0.	12.783	2.388E-16	0.3321	7.703E-16
69	4.875	INV_SLV	Combination	Max			0.	14.977	2.388E-16	0.3321	8.542E-16
69	5.3625	INV_SLV	Combination	Max			0.	17.17	2.388E-16	0.3321	9.389E-16
69	5.85	INV_SLV	Combination	Max			0.	19.363	2.388E-16	0.3321	1.024E-15
69	6.3375	INV_SLV	Combination	Max			0.	21.556	2.388E-16	0.3321	1.132E-15
69	6.825	INV_SLV	Combination	Max			0.	23.749	2.388E-16	0.3321	1.248E-15
69	7.3125	INV_SLV	Combination	Max			0.	25.942	2.388E-16	0.3321	1.365E-15
69	7.8	INV_SLV	Combination	Max			0.	28.135	2.388E-16	0.3321	1.481E-15
69	0.	INV_SLV	Combination	Min			0.	-28.768	-2.405E-16	-0.3388	-5.587E-16
69	0.4875	INV_SLV	Combination	Min			0.	-26.575	-2.405E-16	-0.3388	-4.773E-16
69	0.975	INV_SLV	Combination	Min			0.	-24.382	-2.405E-16	-0.3388	-4.296E-16
69	1.4625	INV_SLV	Combination	Min			0.	-22.188	-2.405E-16	-0.3388	-4.052E-16
69	1.95	INV_SLV	Combination	Min			0.	-19.995	-2.405E-16	-0.3388	-4.072E-16
69	2.4375	INV_SLV	Combination	Min			0.	-17.802	-2.405E-16	-0.3388	-4.407E-16
69	2.925	INV_SLV	Combination	Min			0.	-15.609	-2.405E-16	-0.3388	-5.047E-16
69	3.4125	INV_SLV	Combination	Min			0.	-13.416	-2.405E-16	-0.3388	-5.802E-16
69	3.9	INV_SLV	Combination	Min			0.	-11.223	-2.405E-16	-0.3388	-6.600E-16
69	4.3875	INV_SLV	Combination	Min			0.	-9.03	-2.405E-16	-0.3388	-7.418E-16
69	4.875	INV_SLV	Combination	Min			0.	-6.837	-2.405E-16	-0.3388	-8.249E-16
69	5.3625	INV_SLV	Combination	Min			0.	-4.644	-2.405E-16	-0.3388	-9.088E-16
69	5.85	INV_SLV	Combination	Min			0.	-2.451	-2.405E-16	-0.3388	-9.933E-16
69	6.3375	INV_SLV	Combination	Min			0.	-0.257	-2.405E-16	-0.3388	-1.100E-15
69	6.825	INV_SLV	Combination	Min			0.	1.936	-2.405E-16	-0.3388	-1.215E-15
69	7.3125	INV_SLV	Combination	Min			0.	4.129	-2.405E-16	-0.3388	-1.331E-15
69	7.8	INV_SLV	Combination	Min			0.	6.322	-2.405E-16	-0.3388	-1.447E-15
70	0.	INV_SLU	Combination	Max			0.	-20.967	-1.301E-18	-7.890E-04	1.492E-17
70	0.4875	INV_SLU	Combination	Max			0.	-18.116	-1.301E-18	-7.890E-04	1.758E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
70	0.975	INV_SLU	Combination	Max			0.	-15.265	-1.301E-18	-7.890E-04	2.025E-17
70	1.4625	INV_SLU	Combination	Max			0.	-12.413	-1.301E-18	-7.890E-04	2.291E-17
70	1.95	INV_SLU	Combination	Max			0.	-9.562	-1.301E-18	-7.890E-04	2.557E-17
70	2.4375	INV_SLU	Combination	Max			0.	-6.711	-1.301E-18	-7.890E-04	2.824E-17
70	2.925	INV_SLU	Combination	Max			0.	-3.86	-1.301E-18	-7.890E-04	3.090E-17
70	3.4125	INV_SLU	Combination	Max			0.	-1.009	-1.301E-18	-7.890E-04	3.357E-17
70	3.9	INV_SLU	Combination	Max			0.	1.842	-1.301E-18	-7.890E-04	3.623E-17
70	4.3875	INV_SLU	Combination	Max			0.	4.693	-1.301E-18	-7.890E-04	3.889E-17
70	4.875	INV_SLU	Combination	Max			0.	7.544	-1.301E-18	-7.890E-04	4.156E-17
70	5.3625	INV_SLU	Combination	Max			0.	10.395	-1.301E-18	-7.890E-04	4.422E-17
70	5.85	INV_SLU	Combination	Max			0.	13.246	-1.301E-18	-7.890E-04	4.689E-17
70	6.3375	INV_SLU	Combination	Max			0.	16.097	-1.301E-18	-7.890E-04	4.955E-17
70	6.825	INV_SLU	Combination	Max			0.	18.948	-1.301E-18	-7.890E-04	5.221E-17
70	7.3125	INV_SLU	Combination	Max			0.	21.799	-1.301E-18	-7.890E-04	5.488E-17
70	7.8	INV_SLU	Combination	Max			0.	24.65	-1.301E-18	-7.890E-04	5.754E-17
70	0.	INV_SLU	Combination	Min			0.	-21.978	-5.464E-18	-0.0188	1.492E-17
70	0.4875	INV_SLU	Combination	Min			0.	-19.127	-5.464E-18	-0.0188	1.555E-17
70	0.975	INV_SLU	Combination	Min			0.	-16.276	-5.464E-18	-0.0188	1.619E-17
70	1.4625	INV_SLU	Combination	Min			0.	-13.425	-5.464E-18	-0.0188	1.682E-17
70	1.95	INV_SLU	Combination	Min			0.	-10.574	-5.464E-18	-0.0188	1.746E-17
70	2.4375	INV_SLU	Combination	Min			0.	-7.723	-5.464E-18	-0.0188	1.809E-17
70	2.925	INV_SLU	Combination	Min			0.	-4.872	-5.464E-18	-0.0188	1.872E-17
70	3.4125	INV_SLU	Combination	Min			0.	-2.021	-5.464E-18	-0.0188	1.936E-17
70	3.9	INV_SLU	Combination	Min			0.	0.83	-5.464E-18	-0.0188	1.999E-17
70	4.3875	INV_SLU	Combination	Min			0.	3.681	-5.464E-18	-0.0188	2.063E-17
70	4.875	INV_SLU	Combination	Min			0.	6.532	-5.464E-18	-0.0188	2.126E-17
70	5.3625	INV_SLU	Combination	Min			0.	9.383	-5.464E-18	-0.0188	2.190E-17
70	5.85	INV_SLU	Combination	Min			0.	12.234	-5.464E-18	-0.0188	2.253E-17
70	6.3375	INV_SLU	Combination	Min			0.	15.085	-5.464E-18	-0.0188	2.316E-17
70	6.825	INV_SLU	Combination	Min			0.	17.936	-5.464E-18	-0.0188	2.380E-17
70	7.3125	INV_SLU	Combination	Min			0.	20.787	-5.464E-18	-0.0188	2.443E-17
70	7.8	INV_SLU	Combination	Min			0.	23.638	-5.464E-18	-0.0188	2.507E-17
70	0.	INV_SLV	Combination	Max			0.	-9.869	2.388E-16	0.3548	5.796E-16
70	0.4875	INV_SLV	Combination	Max			0.	-7.676	2.388E-16	0.3548	4.990E-16
70	0.975	INV_SLV	Combination	Max			0.	-5.483	2.388E-16	0.3548	4.521E-16
70	1.4625	INV_SLV	Combination	Max			0.	-3.29	2.388E-16	0.3548	4.286E-16
70	1.95	INV_SLV	Combination	Max			0.	-1.097	2.388E-16	0.3548	4.314E-16
70	2.4375	INV_SLV	Combination	Max			0.	1.096	2.388E-16	0.3548	4.657E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
70	2.925	INV_SLV	Combination	Max			0.	3.289	2.388E-16	0.3548	5.306E-16
70	3.4125	INV_SLV	Combination	Max			0.	5.483	2.388E-16	0.3548	6.070E-16
70	3.9	INV_SLV	Combination	Max			0.	7.676	2.388E-16	0.3548	6.876E-16
70	4.3875	INV_SLV	Combination	Max			0.	9.869	2.388E-16	0.3548	7.703E-16
70	4.875	INV_SLV	Combination	Max			0.	12.062	2.388E-16	0.3548	8.542E-16
70	5.3625	INV_SLV	Combination	Max			0.	14.255	2.388E-16	0.3548	9.389E-16
70	5.85	INV_SLV	Combination	Max			0.	16.448	2.388E-16	0.3548	1.024E-15
70	6.3375	INV_SLV	Combination	Max			0.	18.641	2.388E-16	0.3548	1.132E-15
70	6.825	INV_SLV	Combination	Max			0.	20.834	2.388E-16	0.3548	1.248E-15
70	7.3125	INV_SLV	Combination	Max			0.	23.027	2.388E-16	0.3548	1.365E-15
70	7.8	INV_SLV	Combination	Max			0.	25.221	2.388E-16	0.3548	1.481E-15
70	0.	INV_SLV	Combination	Min			0.	-24.158	-2.405E-16	-0.3714	-5.587E-16
70	0.4875	INV_SLV	Combination	Min			0.	-21.965	-2.405E-16	-0.3714	-4.773E-16
70	0.975	INV_SLV	Combination	Min			0.	-19.772	-2.405E-16	-0.3714	-4.296E-16
70	1.4625	INV_SLV	Combination	Min			0.	-17.579	-2.405E-16	-0.3714	-4.052E-16
70	1.95	INV_SLV	Combination	Min			0.	-15.386	-2.405E-16	-0.3714	-4.072E-16
70	2.4375	INV_SLV	Combination	Min			0.	-13.193	-2.405E-16	-0.3714	-4.407E-16
70	2.925	INV_SLV	Combination	Min			0.	-11.	-2.405E-16	-0.3714	-5.047E-16
70	3.4125	INV_SLV	Combination	Min			0.	-8.807	-2.405E-16	-0.3714	-5.802E-16
70	3.9	INV_SLV	Combination	Min			0.	-6.614	-2.405E-16	-0.3714	-6.600E-16
70	4.3875	INV_SLV	Combination	Min			0.	-4.42	-2.405E-16	-0.3714	-7.418E-16
70	4.875	INV_SLV	Combination	Min			0.	-2.227	-2.405E-16	-0.3714	-8.249E-16
70	5.3625	INV_SLV	Combination	Min			0.	-0.034	-2.405E-16	-0.3714	-9.088E-16
70	5.85	INV_SLV	Combination	Min			0.	2.159	-2.405E-16	-0.3714	-9.933E-16
70	6.3375	INV_SLV	Combination	Min			0.	4.352	-2.405E-16	-0.3714	-1.100E-15
70	6.825	INV_SLV	Combination	Min			0.	6.545	-2.405E-16	-0.3714	-1.215E-15
70	7.3125	INV_SLV	Combination	Min			0.	8.738	-2.405E-16	-0.3714	-1.331E-15
70	7.8	INV_SLV	Combination	Min			0.	10.931	-2.405E-16	-0.3714	-1.447E-15
71	0.	INV_SLU	Combination	Max			0.	-20.855	-1.301E-18	0.0417	1.492E-17
71	0.4875	INV_SLU	Combination	Max			0.	-18.004	-1.301E-18	0.0417	1.758E-17
71	0.975	INV_SLU	Combination	Max			0.	-15.153	-1.301E-18	0.0417	2.025E-17
71	1.4625	INV_SLU	Combination	Max			0.	-12.302	-1.301E-18	0.0417	2.291E-17
71	1.95	INV_SLU	Combination	Max			0.	-9.45	-1.301E-18	0.0417	2.557E-17
71	2.4375	INV_SLU	Combination	Max			0.	-6.599	-1.301E-18	0.0417	2.824E-17
71	2.925	INV_SLU	Combination	Max			0.	-3.748	-1.301E-18	0.0417	3.090E-17
71	3.4125	INV_SLU	Combination	Max			0.	-0.897	-1.301E-18	0.0417	3.357E-17
71	3.9	INV_SLU	Combination	Max			0.	1.954	-1.301E-18	0.0417	3.623E-17
71	4.3875	INV_SLU	Combination	Max			0.	4.805	-1.301E-18	0.0417	3.889E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
71	4.875	INV_SLU	Combination	Max			0.	7.656	-1.301E-18	0.0417	4.156E-17
71	5.3625	INV_SLU	Combination	Max			0.	10.507	-1.301E-18	0.0417	4.422E-17
71	5.85	INV_SLU	Combination	Max			0.	13.358	-1.301E-18	0.0417	4.689E-17
71	6.3375	INV_SLU	Combination	Max			0.	16.209	-1.301E-18	0.0417	4.955E-17
71	6.825	INV_SLU	Combination	Max			0.	19.06	-1.301E-18	0.0417	5.221E-17
71	7.3125	INV_SLU	Combination	Max			0.	21.911	-1.301E-18	0.0417	5.488E-17
71	7.8	INV_SLU	Combination	Max			0.	24.762	-1.301E-18	0.0417	5.754E-17
71	0.	INV_SLU	Combination	Min			0.	-21.961	-5.464E-18	0.0242	1.492E-17
71	0.4875	INV_SLU	Combination	Min			0.	-19.11	-5.464E-18	0.0242	1.555E-17
71	0.975	INV_SLU	Combination	Min			0.	-16.259	-5.464E-18	0.0242	1.619E-17
71	1.4625	INV_SLU	Combination	Min			0.	-13.408	-5.464E-18	0.0242	1.682E-17
71	1.95	INV_SLU	Combination	Min			0.	-10.557	-5.464E-18	0.0242	1.746E-17
71	2.4375	INV_SLU	Combination	Min			0.	-7.706	-5.464E-18	0.0242	1.809E-17
71	2.925	INV_SLU	Combination	Min			0.	-4.855	-5.464E-18	0.0242	1.872E-17
71	3.4125	INV_SLU	Combination	Min			0.	-2.004	-5.464E-18	0.0242	1.936E-17
71	3.9	INV_SLU	Combination	Min			0.	0.847	-5.464E-18	0.0242	1.999E-17
71	4.3875	INV_SLU	Combination	Min			0.	3.698	-5.464E-18	0.0242	2.063E-17
71	4.875	INV_SLU	Combination	Min			0.	6.549	-5.464E-18	0.0242	2.126E-17
71	5.3625	INV_SLU	Combination	Min			0.	9.4	-5.464E-18	0.0242	2.190E-17
71	5.85	INV_SLU	Combination	Min			0.	12.251	-5.464E-18	0.0242	2.253E-17
71	6.3375	INV_SLU	Combination	Min			0.	15.102	-5.464E-18	0.0242	2.316E-17
71	6.825	INV_SLU	Combination	Min			0.	17.953	-5.464E-18	0.0242	2.380E-17
71	7.3125	INV_SLU	Combination	Min			0.	20.804	-5.464E-18	0.0242	2.443E-17
71	7.8	INV_SLU	Combination	Min			0.	23.655	-5.464E-18	0.0242	2.507E-17
71	0.	INV_SLV	Combination	Max			0.	-10.335	2.388E-16	0.3802	5.796E-16
71	0.4875	INV_SLV	Combination	Max			0.	-8.142	2.388E-16	0.3802	4.990E-16
71	0.975	INV_SLV	Combination	Max			0.	-5.949	2.388E-16	0.3802	4.521E-16
71	1.4625	INV_SLV	Combination	Max			0.	-3.756	2.388E-16	0.3802	4.286E-16
71	1.95	INV_SLV	Combination	Max			0.	-1.563	2.388E-16	0.3802	4.314E-16
71	2.4375	INV_SLV	Combination	Max			0.	0.63	2.388E-16	0.3802	4.657E-16
71	2.925	INV_SLV	Combination	Max			0.	2.823	2.388E-16	0.3802	5.306E-16
71	3.4125	INV_SLV	Combination	Max			0.	5.016	2.388E-16	0.3802	6.070E-16
71	3.9	INV_SLV	Combination	Max			0.	7.21	2.388E-16	0.3802	6.876E-16
71	4.3875	INV_SLV	Combination	Max			0.	9.403	2.388E-16	0.3802	7.703E-16
71	4.875	INV_SLV	Combination	Max			0.	11.596	2.388E-16	0.3802	8.542E-16
71	5.3625	INV_SLV	Combination	Max			0.	13.789	2.388E-16	0.3802	9.389E-16
71	5.85	INV_SLV	Combination	Max			0.	15.982	2.388E-16	0.3802	1.024E-15
71	6.3375	INV_SLV	Combination	Max			0.	18.175	2.388E-16	0.3802	1.132E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
71	6.825	INV_SLV	Combination	Max			0.	20.368	2.388E-16	0.3802	1.248E-15
71	7.3125	INV_SLV	Combination	Max			0.	22.561	2.388E-16	0.3802	1.365E-15
71	7.8	INV_SLV	Combination	Max			0.	24.754	2.388E-16	0.3802	1.481E-15
71	0.	INV_SLV	Combination	Min			0.	-23.619	-2.405E-16	-0.3428	-5.587E-16
71	0.4875	INV_SLV	Combination	Min			0.	-21.426	-2.405E-16	-0.3428	-4.773E-16
71	0.975	INV_SLV	Combination	Min			0.	-19.233	-2.405E-16	-0.3428	-4.296E-16
71	1.4625	INV_SLV	Combination	Min			0.	-17.04	-2.405E-16	-0.3428	-4.052E-16
71	1.95	INV_SLV	Combination	Min			0.	-14.847	-2.405E-16	-0.3428	-4.072E-16
71	2.4375	INV_SLV	Combination	Min			0.	-12.654	-2.405E-16	-0.3428	-4.407E-16
71	2.925	INV_SLV	Combination	Min			0.	-10.461	-2.405E-16	-0.3428	-5.047E-16
71	3.4125	INV_SLV	Combination	Min			0.	-8.267	-2.405E-16	-0.3428	-5.802E-16
71	3.9	INV_SLV	Combination	Min			0.	-6.074	-2.405E-16	-0.3428	-6.600E-16
71	4.3875	INV_SLV	Combination	Min			0.	-3.881	-2.405E-16	-0.3428	-7.418E-16
71	4.875	INV_SLV	Combination	Min			0.	-1.688	-2.405E-16	-0.3428	-8.249E-16
71	5.3625	INV_SLV	Combination	Min			0.	0.505	-2.405E-16	-0.3428	-9.088E-16
71	5.85	INV_SLV	Combination	Min			0.	2.698	-2.405E-16	-0.3428	-9.933E-16
71	6.3375	INV_SLV	Combination	Min			0.	4.891	-2.405E-16	-0.3428	-1.100E-15
71	6.825	INV_SLV	Combination	Min			0.	7.084	-2.405E-16	-0.3428	-1.215E-15
71	7.3125	INV_SLV	Combination	Min			0.	9.277	-2.405E-16	-0.3428	-1.331E-15
71	7.8	INV_SLV	Combination	Min			0.	11.47	-2.405E-16	-0.3428	-1.447E-15
77	0.	INV_SLU	Combination	Max			0.	-165.109	-1.041E-17	1.3522	-1.804E-17
77	0.49231	INV_SLU	Combination	Max			0.	-136.989	-1.041E-17	1.3522	-1.292E-17
77	0.98462	INV_SLU	Combination	Max			0.	-108.87	-1.041E-17	1.3522	-7.793E-18
77	1.47692	INV_SLU	Combination	Max			0.	-80.75	-1.041E-17	1.3522	-2.669E-18
77	1.96923	INV_SLU	Combination	Max			0.	-52.63	-1.041E-17	1.3522	2.455E-18
77	2.46154	INV_SLU	Combination	Max			0.	-24.51	-1.041E-17	1.3522	7.579E-18
77	2.95385	INV_SLU	Combination	Max			0.	4.423	-1.041E-17	1.3522	1.270E-17
77	3.44615	INV_SLU	Combination	Max			0.	42.622	-1.041E-17	1.3522	2.019E-17
77	3.93846	INV_SLU	Combination	Max			0.	80.822	-1.041E-17	1.3522	3.940E-17
77	4.43077	INV_SLU	Combination	Max			0.	119.022	-1.041E-17	1.3522	5.862E-17
77	4.92308	INV_SLU	Combination	Max			0.	157.222	-1.041E-17	1.3522	7.784E-17
77	5.41538	INV_SLU	Combination	Max			0.	195.421	-1.041E-17	1.3522	9.705E-17
77	5.90769	INV_SLU	Combination	Max			0.	233.621	-1.041E-17	1.3522	1.163E-16
77	6.4	INV_SLU	Combination	Max			0.	271.821	-1.041E-17	1.3522	1.355E-16
77	0.	INV_SLU	Combination	Min			0.	-224.998	-3.903E-17	1.3047	-1.143E-16
77	0.49231	INV_SLU	Combination	Min			0.	-186.799	-3.903E-17	1.3047	-9.510E-17
77	0.98462	INV_SLU	Combination	Min			0.	-148.599	-3.903E-17	1.3047	-7.589E-17
77	1.47692	INV_SLU	Combination	Min			0.	-110.399	-3.903E-17	1.3047	-5.667E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
77	1.96923	INV_SLU	Combination	Min			0.	-72.199	-3.903E-17	1.3047	-3.746E-17
77	2.46154	INV_SLU	Combination	Min			0.	-34.	-3.903E-17	1.3047	-1.824E-17
77	2.95385	INV_SLU	Combination	Min			0.	3.239	-3.903E-17	1.3047	9.741E-19
77	3.44615	INV_SLU	Combination	Min			0.	31.358	-3.903E-17	1.3047	1.667E-17
77	3.93846	INV_SLU	Combination	Min			0.	59.478	-3.903E-17	1.3047	2.282E-17
77	4.43077	INV_SLU	Combination	Min			0.	87.598	-3.903E-17	1.3047	2.808E-17
77	4.92308	INV_SLU	Combination	Min			0.	115.718	-3.903E-17	1.3047	3.320E-17
77	5.41538	INV_SLU	Combination	Min			0.	143.838	-3.903E-17	1.3047	3.832E-17
77	5.90769	INV_SLU	Combination	Min			0.	171.957	-3.903E-17	1.3047	4.345E-17
77	6.4	INV_SLU	Combination	Min			0.	200.077	-3.903E-17	1.3047	4.857E-17
77	0.	INV_SLV	Combination	Max			0.	-105.023	7.453E-16	1.8868	1.687E-15
77	0.49231	INV_SLV	Combination	Max			0.	-85.981	7.453E-16	1.8868	1.329E-15
77	0.98462	INV_SLV	Combination	Max			0.	-66.939	7.453E-16	1.8868	9.711E-16
77	1.47692	INV_SLV	Combination	Max			0.	-47.897	7.453E-16	1.8868	8.050E-16
77	1.96923	INV_SLV	Combination	Max			0.	-28.856	7.453E-16	1.8868	1.104E-15
77	2.46154	INV_SLV	Combination	Max			0.	-9.814	7.453E-16	1.8868	1.464E-15
77	2.95385	INV_SLV	Combination	Max			0.	9.228	7.453E-16	1.8868	1.829E-15
77	3.44615	INV_SLV	Combination	Max			0.	28.27	7.453E-16	1.8868	2.194E-15
77	3.93846	INV_SLV	Combination	Max			0.	47.312	7.453E-16	1.8868	2.559E-15
77	4.43077	INV_SLV	Combination	Max			0.	66.353	7.453E-16	1.8868	2.925E-15
77	4.92308	INV_SLV	Combination	Max			0.	85.395	7.453E-16	1.8868	3.290E-15
77	5.41538	INV_SLV	Combination	Max			0.	104.437	7.453E-16	1.8868	3.656E-15
77	5.90769	INV_SLV	Combination	Max			0.	123.479	7.453E-16	1.8868	4.022E-15
77	6.4	INV_SLV	Combination	Max			0.	142.521	7.453E-16	1.8868	4.389E-15
77	0.	INV_SLV	Combination	Min			0.	-118.93	-7.661E-16	-0.1228	-1.742E-15
77	0.49231	INV_SLV	Combination	Min			0.	-99.888	-7.661E-16	-0.1228	-1.374E-15
77	0.98462	INV_SLV	Combination	Min			0.	-80.846	-7.661E-16	-0.1228	-1.006E-15
77	1.47692	INV_SLV	Combination	Min			0.	-61.804	-7.661E-16	-0.1228	-8.298E-16
77	1.96923	INV_SLV	Combination	Min			0.	-42.763	-7.661E-16	-0.1228	-1.118E-15
77	2.46154	INV_SLV	Combination	Min			0.	-23.721	-7.661E-16	-0.1228	-1.468E-15
77	2.95385	INV_SLV	Combination	Min			0.	-4.679	-7.661E-16	-0.1228	-1.823E-15
77	3.44615	INV_SLV	Combination	Min			0.	14.363	-7.661E-16	-0.1228	-2.178E-15
77	3.93846	INV_SLV	Combination	Min			0.	33.405	-7.661E-16	-0.1228	-2.533E-15
77	4.43077	INV_SLV	Combination	Min			0.	52.446	-7.661E-16	-0.1228	-2.888E-15
77	4.92308	INV_SLV	Combination	Min			0.	71.488	-7.661E-16	-0.1228	-3.243E-15
77	5.41538	INV_SLV	Combination	Min			0.	90.53	-7.661E-16	-0.1228	-3.599E-15
77	5.90769	INV_SLV	Combination	Min			0.	109.572	-7.661E-16	-0.1228	-3.955E-15
77	6.4	INV_SLV	Combination	Min			0.	128.614	-7.661E-16	-0.1228	-4.311E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
78	0.	INV_SLU	Combination	Max			0.	-185.552	7.112E-18	0.0804	2.984E-17
78	0.49231	INV_SLU	Combination	Max			0.	-157.433	7.112E-18	0.0804	2.634E-17
78	0.98462	INV_SLU	Combination	Max			0.	-129.313	7.112E-18	0.0804	2.283E-17
78	1.47692	INV_SLU	Combination	Max			0.	-101.193	7.112E-18	0.0804	1.933E-17
78	1.96923	INV_SLU	Combination	Max			0.	-73.073	7.112E-18	0.0804	1.583E-17
78	2.46154	INV_SLU	Combination	Max			0.	-44.953	7.112E-18	0.0804	1.409E-17
78	2.95385	INV_SLU	Combination	Max			0.	-16.834	7.112E-18	0.0804	1.469E-17
78	3.44615	INV_SLU	Combination	Max			0.	15.351	7.112E-18	0.0804	1.807E-17
78	3.93846	INV_SLU	Combination	Max			0.	53.551	7.112E-18	0.0804	2.175E-17
78	4.43077	INV_SLU	Combination	Max			0.	91.751	7.112E-18	0.0804	2.542E-17
78	4.92308	INV_SLU	Combination	Max			0.	129.951	7.112E-18	0.0804	2.909E-17
78	5.41538	INV_SLU	Combination	Max			0.	168.15	7.112E-18	0.0804	3.276E-17
78	5.90769	INV_SLU	Combination	Max			0.	206.35	7.112E-18	0.0804	3.643E-17
78	6.4	INV_SLU	Combination	Max			0.	244.55	7.112E-18	0.0804	4.011E-17
78	0.	INV_SLU	Combination	Min			0.	-252.167	-7.459E-18	0.0415	-7.633E-18
78	0.49231	INV_SLU	Combination	Min			0.	-213.967	-7.459E-18	0.0415	-3.961E-18
78	0.98462	INV_SLU	Combination	Min			0.	-175.767	-7.459E-18	0.0415	-2.882E-19
78	1.47692	INV_SLU	Combination	Min			0.	-137.568	-7.459E-18	0.0415	3.384E-18
78	1.96923	INV_SLU	Combination	Min			0.	-99.368	-7.459E-18	0.0415	5.103E-18
78	2.46154	INV_SLU	Combination	Min			0.	-61.168	-7.459E-18	0.0415	6.725E-18
78	2.95385	INV_SLU	Combination	Min			0.	-22.968	-7.459E-18	0.0415	8.348E-18
78	3.44615	INV_SLU	Combination	Min			0.	11.086	-7.459E-18	0.0415	5.327E-18
78	3.93846	INV_SLU	Combination	Min			0.	39.206	-7.459E-18	0.0415	1.825E-18
78	4.43077	INV_SLU	Combination	Min			0.	67.326	-7.459E-18	0.0415	-1.676E-18
78	4.92308	INV_SLU	Combination	Min			0.	95.445	-7.459E-18	0.0415	-5.177E-18
78	5.41538	INV_SLU	Combination	Min			0.	123.565	-7.459E-18	0.0415	-8.679E-18
78	5.90769	INV_SLU	Combination	Min			0.	151.685	-7.459E-18	0.0415	-1.218E-17
78	6.4	INV_SLU	Combination	Min			0.	179.805	-7.459E-18	0.0415	-1.568E-17
78	0.	INV_SLV	Combination	Max			0.	-120.631	2.591E-16	1.0529	6.864E-17
78	0.49231	INV_SLV	Combination	Max			0.	-101.589	2.591E-16	1.0529	1.385E-16
78	0.98462	INV_SLV	Combination	Max			0.	-82.547	2.591E-16	1.0529	2.622E-16
78	1.47692	INV_SLV	Combination	Max			0.	-63.506	2.591E-16	1.0529	3.884E-16
78	1.96923	INV_SLV	Combination	Max			0.	-44.464	2.591E-16	1.0529	5.152E-16
78	2.46154	INV_SLV	Combination	Max			0.	-25.422	2.591E-16	1.0529	6.424E-16
78	2.95385	INV_SLV	Combination	Max			0.	-6.38	2.591E-16	1.0529	7.697E-16
78	3.44615	INV_SLV	Combination	Max			0.	12.662	2.591E-16	1.0529	8.970E-16
78	3.93846	INV_SLV	Combination	Max			0.	31.703	2.591E-16	1.0529	1.024E-15
78	4.43077	INV_SLV	Combination	Max			0.	50.745	2.591E-16	1.0529	1.152E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
78	4.92308	INV_SLV	Combination	Max			0.	69.787	2.591E-16	1.0529	1.279E-15
78	5.41538	INV_SLV	Combination	Max			0.	88.829	2.591E-16	1.0529	1.407E-15
78	5.90769	INV_SLV	Combination	Max			0.	107.871	2.591E-16	1.0529	1.534E-15
78	6.4	INV_SLV	Combination	Max			0.	126.913	2.591E-16	1.0529	1.662E-15
78	0.	INV_SLV	Combination	Min			0.	-130.795	-2.591E-16	-0.9843	-5.476E-17
78	0.49231	INV_SLV	Combination	Min			0.	-111.753	-2.591E-16	-0.9843	-1.246E-16
78	0.98462	INV_SLV	Combination	Min			0.	-92.711	-2.591E-16	-0.9843	-2.483E-16
78	1.47692	INV_SLV	Combination	Min			0.	-73.67	-2.591E-16	-0.9843	-3.745E-16
78	1.96923	INV_SLV	Combination	Min			0.	-54.628	-2.591E-16	-0.9843	-5.014E-16
78	2.46154	INV_SLV	Combination	Min			0.	-35.586	-2.591E-16	-0.9843	-6.285E-16
78	2.95385	INV_SLV	Combination	Min			0.	-16.544	-2.591E-16	-0.9843	-7.558E-16
78	3.44615	INV_SLV	Combination	Min			0.	2.498	-2.591E-16	-0.9843	-8.831E-16
78	3.93846	INV_SLV	Combination	Min			0.	21.54	-2.591E-16	-0.9843	-1.011E-15
78	4.43077	INV_SLV	Combination	Min			0.	40.581	-2.591E-16	-0.9843	-1.138E-15
78	4.92308	INV_SLV	Combination	Min			0.	59.623	-2.591E-16	-0.9843	-1.265E-15
78	5.41538	INV_SLV	Combination	Min			0.	78.665	-2.591E-16	-0.9843	-1.393E-15
78	5.90769	INV_SLV	Combination	Min			0.	97.707	-2.591E-16	-0.9843	-1.520E-15
78	6.4	INV_SLV	Combination	Min			0.	116.749	-2.591E-16	-0.9843	-1.648E-15
79	0.	INV_SLU	Combination	Max			0.	-182.581	1.041E-17	0.0548	4.163E-17
79	0.49231	INV_SLU	Combination	Max			0.	-154.461	1.041E-17	0.0548	3.651E-17
79	0.98462	INV_SLU	Combination	Max			0.	-126.341	1.041E-17	0.0548	3.139E-17
79	1.47692	INV_SLU	Combination	Max			0.	-98.221	1.041E-17	0.0548	2.626E-17
79	1.96923	INV_SLU	Combination	Max			0.	-70.102	1.041E-17	0.0548	2.114E-17
79	2.46154	INV_SLU	Combination	Max			0.	-41.982	1.041E-17	0.0548	1.601E-17
79	2.95385	INV_SLU	Combination	Max			0.	-13.862	1.041E-17	0.0548	1.089E-17
79	3.44615	INV_SLU	Combination	Max			0.	19.224	1.041E-17	0.0548	5.765E-18
79	3.93846	INV_SLU	Combination	Max			0.	57.423	1.041E-17	0.0548	6.405E-19
79	4.43077	INV_SLU	Combination	Max			0.	95.623	1.041E-17	0.0548	-2.242E-18
79	4.92308	INV_SLU	Combination	Max			0.	133.823	1.041E-17	0.0548	-4.804E-18
79	5.41538	INV_SLU	Combination	Max			0.	172.023	1.041E-17	0.0548	-7.366E-18
79	5.90769	INV_SLU	Combination	Max			0.	210.223	1.041E-17	0.0548	-9.928E-18
79	6.4	INV_SLU	Combination	Max			0.	248.422	1.041E-17	0.0548	-1.249E-17
79	0.	INV_SLU	Combination	Min			0.	-248.32	5.204E-18	0.016	2.082E-17
79	0.49231	INV_SLU	Combination	Min			0.	-210.121	5.204E-18	0.016	1.825E-17
79	0.98462	INV_SLU	Combination	Min			0.	-171.921	5.204E-18	0.016	1.569E-17
79	1.47692	INV_SLU	Combination	Min			0.	-133.721	5.204E-18	0.016	1.313E-17
79	1.96923	INV_SLU	Combination	Min			0.	-95.521	5.204E-18	0.016	1.057E-17
79	2.46154	INV_SLU	Combination	Min			0.	-57.321	5.204E-18	0.016	8.006E-18

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
79	2.95385	INV_SLU	Combination	Min			0.	-19.122	5.204E-18	0.016	5.444E-18
79	3.44615	INV_SLU	Combination	Min			0.	14.015	5.204E-18	0.016	2.882E-18
79	3.93846	INV_SLU	Combination	Min			0.	42.135	5.204E-18	0.016	3.203E-19
79	4.43077	INV_SLU	Combination	Min			0.	70.254	5.204E-18	0.016	-4.484E-18
79	4.92308	INV_SLU	Combination	Min			0.	98.374	5.204E-18	0.016	-9.608E-18
79	5.41538	INV_SLU	Combination	Min			0.	126.494	5.204E-18	0.016	-1.473E-17
79	5.90769	INV_SLU	Combination	Min			0.	154.614	5.204E-18	0.016	-1.986E-17
79	6.4	INV_SLU	Combination	Min			0.	182.733	5.204E-18	0.016	-2.498E-17
79	0.	INV_SLV	Combination	Max			0.	-118.364	2.183E-16	1.036	2.997E-16
79	0.49231	INV_SLV	Combination	Max			0.	-99.322	2.183E-16	1.036	3.649E-16
79	0.98462	INV_SLV	Combination	Max			0.	-80.28	2.183E-16	1.036	4.376E-16
79	1.47692	INV_SLV	Combination	Max			0.	-61.238	2.183E-16	1.036	5.161E-16
79	1.96923	INV_SLV	Combination	Max			0.	-42.196	2.183E-16	1.036	5.991E-16
79	2.46154	INV_SLV	Combination	Max			0.	-23.154	2.183E-16	1.036	6.857E-16
79	2.95385	INV_SLV	Combination	Max			0.	-4.113	2.183E-16	1.036	7.750E-16
79	3.44615	INV_SLV	Combination	Max			0.	14.929	2.183E-16	1.036	8.667E-16
79	3.93846	INV_SLV	Combination	Max			0.	33.971	2.183E-16	1.036	9.601E-16
79	4.43077	INV_SLV	Combination	Max			0.	53.013	2.183E-16	1.036	1.055E-15
79	4.92308	INV_SLV	Combination	Max			0.	72.055	2.183E-16	1.036	1.151E-15
79	5.41538	INV_SLV	Combination	Max			0.	91.096	2.183E-16	1.036	1.248E-15
79	5.90769	INV_SLV	Combination	Max			0.	110.138	2.183E-16	1.036	1.346E-15
79	6.4	INV_SLV	Combination	Max			0.	129.18	2.183E-16	1.036	1.445E-15
79	0.	INV_SLV	Combination	Min			0.	-129.098	-2.114E-16	-1.0013	-2.719E-16
79	0.49231	INV_SLV	Combination	Min			0.	-110.056	-2.114E-16	-1.0013	-3.406E-16
79	0.98462	INV_SLV	Combination	Min			0.	-91.014	-2.114E-16	-1.0013	-4.166E-16
79	1.47692	INV_SLV	Combination	Min			0.	-71.973	-2.114E-16	-1.0013	-4.986E-16
79	1.96923	INV_SLV	Combination	Min			0.	-52.931	-2.114E-16	-1.0013	-5.850E-16
79	2.46154	INV_SLV	Combination	Min			0.	-33.889	-2.114E-16	-1.0013	-6.750E-16
79	2.95385	INV_SLV	Combination	Min			0.	-14.847	-2.114E-16	-1.0013	-7.678E-16
79	3.44615	INV_SLV	Combination	Min			0.	4.195	-2.114E-16	-1.0013	-8.628E-16
79	3.93846	INV_SLV	Combination	Min			0.	23.236	-2.114E-16	-1.0013	-9.597E-16
79	4.43077	INV_SLV	Combination	Min			0.	42.278	-2.114E-16	-1.0013	-1.058E-15
79	4.92308	INV_SLV	Combination	Min			0.	61.32	-2.114E-16	-1.0013	-1.158E-15
79	5.41538	INV_SLV	Combination	Min			0.	80.362	-2.114E-16	-1.0013	-1.258E-15
79	5.90769	INV_SLV	Combination	Min			0.	99.404	-2.114E-16	-1.0013	-1.360E-15
79	6.4	INV_SLV	Combination	Min			0.	118.445	-2.114E-16	-1.0013	-1.462E-15
80	0.	INV_SLU	Combination	Max			0.	-183.014	1.171E-17	0.0397	6.939E-19
80	0.49231	INV_SLU	Combination	Max			0.	-154.894	1.171E-17	0.0397	-4.334E-18

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
80	0.98462	INV_SLU	Combination	Max			0.	-126.774	1.171E-17	0.0397	-7.281E-18
80	1.47692	INV_SLU	Combination	Max			0.	-98.654	1.171E-17	0.0397	-1.023E-17
80	1.96923	INV_SLU	Combination	Max			0.	-70.535	1.171E-17	0.0397	-1.317E-17
80	2.46154	INV_SLU	Combination	Max			0.	-42.415	1.171E-17	0.0397	-1.612E-17
80	2.95385	INV_SLU	Combination	Max			0.	-14.295	1.171E-17	0.0397	-1.907E-17
80	3.44615	INV_SLU	Combination	Max			0.	18.678	1.171E-17	0.0397	-2.201E-17
80	3.93846	INV_SLU	Combination	Max			0.	56.878	1.171E-17	0.0397	-2.496E-17
80	4.43077	INV_SLU	Combination	Max			0.	95.078	1.171E-17	0.0397	-2.488E-17
80	4.92308	INV_SLU	Combination	Max			0.	133.278	1.171E-17	0.0397	-2.437E-17
80	5.41538	INV_SLU	Combination	Max			0.	171.478	1.171E-17	0.0397	-2.385E-17
80	5.90769	INV_SLU	Combination	Max			0.	209.677	1.171E-17	0.0397	-2.334E-17
80	6.4	INV_SLU	Combination	Max			0.	247.877	1.171E-17	0.0397	-2.283E-17
80	0.	INV_SLU	Combination	Min			0.	-248.859	-1.041E-18	0.001	-4.614E-17
80	0.49231	INV_SLU	Combination	Min			0.	-210.659	-1.041E-18	0.001	-4.614E-17
80	0.98462	INV_SLU	Combination	Min			0.	-172.459	-1.041E-18	0.001	-4.614E-17
80	1.47692	INV_SLU	Combination	Min			0.	-134.26	-1.041E-18	0.001	-4.614E-17
80	1.96923	INV_SLU	Combination	Min			0.	-96.06	-1.041E-18	0.001	-4.614E-17
80	2.46154	INV_SLU	Combination	Min			0.	-57.86	-1.041E-18	0.001	-4.614E-17
80	2.95385	INV_SLU	Combination	Min			0.	-19.66	-1.041E-18	0.001	-4.614E-17
80	3.44615	INV_SLU	Combination	Min			0.	13.593	-1.041E-18	0.001	-4.614E-17
80	3.93846	INV_SLU	Combination	Min			0.	41.713	-1.041E-18	0.001	-4.614E-17
80	4.43077	INV_SLU	Combination	Min			0.	69.832	-1.041E-18	0.001	-5.119E-17
80	4.92308	INV_SLU	Combination	Min			0.	97.952	-1.041E-18	0.001	-5.695E-17
80	5.41538	INV_SLU	Combination	Min			0.	126.072	-1.041E-18	0.001	-6.272E-17
80	5.90769	INV_SLU	Combination	Min			0.	154.192	-1.041E-18	0.001	-6.848E-17
80	6.4	INV_SLU	Combination	Min			0.	182.311	-1.041E-18	0.001	-7.425E-17
80	0.	INV_SLV	Combination	Max			0.	-118.693	1.978E-16	1.0168	2.563E-16
80	0.49231	INV_SLV	Combination	Max			0.	-99.651	1.978E-16	1.0168	2.199E-16
80	0.98462	INV_SLV	Combination	Max			0.	-80.609	1.978E-16	1.0168	1.950E-16
80	1.47692	INV_SLV	Combination	Max			0.	-61.568	1.978E-16	1.0168	1.734E-16
80	1.96923	INV_SLV	Combination	Max			0.	-42.526	1.978E-16	1.0168	1.531E-16
80	2.46154	INV_SLV	Combination	Max			0.	-23.484	1.978E-16	1.0168	2.358E-16
80	2.95385	INV_SLV	Combination	Max			0.	-4.442	1.978E-16	1.0168	3.257E-16
80	3.44615	INV_SLV	Combination	Max			0.	14.6	1.978E-16	1.0168	4.157E-16
80	3.93846	INV_SLV	Combination	Max			0.	33.642	1.978E-16	1.0168	5.059E-16
80	4.43077	INV_SLV	Combination	Max			0.	52.683	1.978E-16	1.0168	5.962E-16
80	4.92308	INV_SLV	Combination	Max			0.	71.725	1.978E-16	1.0168	6.865E-16
80	5.41538	INV_SLV	Combination	Max			0.	90.767	1.978E-16	1.0168	7.768E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
80	5.90769	INV_SLV	Combination	Max			0.	109.809	1.978E-16	1.0168	8.672E-16
80	6.4	INV_SLV	Combination	Max			0.	128.851	1.978E-16	1.0168	9.576E-16
80	0.	INV_SLV	Combination	Min			0.	-129.34	-1.839E-16	-1.0041	-2.632E-16
80	0.49231	INV_SLV	Combination	Min			0.	-110.299	-1.839E-16	-1.0041	-2.337E-16
80	0.98462	INV_SLV	Combination	Min			0.	-91.257	-1.839E-16	-1.0041	-2.156E-16
80	1.47692	INV_SLV	Combination	Min			0.	-72.215	-1.839E-16	-1.0041	-2.008E-16
80	1.96923	INV_SLV	Combination	Min			0.	-53.173	-1.839E-16	-1.0041	-1.873E-16
80	2.46154	INV_SLV	Combination	Min			0.	-34.131	-1.839E-16	-1.0041	-2.769E-16
80	2.95385	INV_SLV	Combination	Min			0.	-15.09	-1.839E-16	-1.0041	-3.736E-16
80	3.44615	INV_SLV	Combination	Min			0.	3.952	-1.839E-16	-1.0041	-4.705E-16
80	3.93846	INV_SLV	Combination	Min			0.	22.994	-1.839E-16	-1.0041	-5.675E-16
80	4.43077	INV_SLV	Combination	Min			0.	42.036	-1.839E-16	-1.0041	-6.646E-16
80	4.92308	INV_SLV	Combination	Min			0.	61.078	-1.839E-16	-1.0041	-7.617E-16
80	5.41538	INV_SLV	Combination	Min			0.	80.119	-1.839E-16	-1.0041	-8.589E-16
80	5.90769	INV_SLV	Combination	Min			0.	99.161	-1.839E-16	-1.0041	-9.561E-16
80	6.4	INV_SLV	Combination	Min			0.	118.203	-1.839E-16	-1.0041	-1.053E-15
81	0.	INV_SLU	Combination	Max			0.	-182.951	-2.602E-18	0.0544	-2.689E-18
81	0.49231	INV_SLU	Combination	Max			0.	-154.831	-2.602E-18	0.0544	-1.216E-18
81	0.98462	INV_SLU	Combination	Max			0.	-126.711	-2.602E-18	0.0544	2.575E-19
81	1.47692	INV_SLU	Combination	Max			0.	-98.592	-2.602E-18	0.0544	1.731E-18
81	1.96923	INV_SLU	Combination	Max			0.	-70.472	-2.602E-18	0.0544	3.204E-18
81	2.46154	INV_SLU	Combination	Max			0.	-42.352	-2.602E-18	0.0544	4.677E-18
81	2.95385	INV_SLU	Combination	Max			0.	-14.232	-2.602E-18	0.0544	6.150E-18
81	3.44615	INV_SLU	Combination	Max			0.	18.754	-2.602E-18	0.0544	7.623E-18
81	3.93846	INV_SLU	Combination	Max			0.	56.954	-2.602E-18	0.0544	9.097E-18
81	4.43077	INV_SLU	Combination	Max			0.	95.154	-2.602E-18	0.0544	1.180E-17
81	4.92308	INV_SLU	Combination	Max			0.	133.354	-2.602E-18	0.0544	1.469E-17
81	5.41538	INV_SLU	Combination	Max			0.	171.553	-2.602E-18	0.0544	1.757E-17
81	5.90769	INV_SLU	Combination	Max			0.	209.753	-2.602E-18	0.0544	2.045E-17
81	6.4	INV_SLU	Combination	Max			0.	247.953	-2.602E-18	0.0544	2.333E-17
81	0.	INV_SLU	Combination	Min			0.	-248.785	-5.855E-18	0.0149	-5.317E-17
81	0.49231	INV_SLU	Combination	Min			0.	-210.585	-5.855E-18	0.0149	-5.061E-17
81	0.98462	INV_SLU	Combination	Min			0.	-172.386	-5.855E-18	0.0149	-4.805E-17
81	1.47692	INV_SLU	Combination	Min			0.	-134.186	-5.855E-18	0.0149	-4.548E-17
81	1.96923	INV_SLU	Combination	Min			0.	-95.986	-5.855E-18	0.0149	-4.292E-17
81	2.46154	INV_SLU	Combination	Min			0.	-57.786	-5.855E-18	0.0149	-4.036E-17
81	2.95385	INV_SLU	Combination	Min			0.	-19.586	-5.855E-18	0.0149	-3.780E-17
81	3.44615	INV_SLU	Combination	Min			0.	13.653	-5.855E-18	0.0149	-3.523E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
81	3.93846	INV_SLU	Combination	Min			0.	41.772	-5.855E-18	0.0149	-3.267E-17
81	4.43077	INV_SLU	Combination	Min			0.	69.892	-5.855E-18	0.0149	-3.011E-17
81	4.92308	INV_SLU	Combination	Min			0.	98.012	-5.855E-18	0.0149	-2.755E-17
81	5.41538	INV_SLU	Combination	Min			0.	126.132	-5.855E-18	0.0149	-2.499E-17
81	5.90769	INV_SLU	Combination	Min			0.	154.251	-5.855E-18	0.0149	-2.242E-17
81	6.4	INV_SLU	Combination	Min			0.	182.371	-5.855E-18	0.0149	-1.986E-17
81	0.	INV_SLV	Combination	Max			0.	-118.641	3.317E-17	1.0465	5.282E-16
81	0.49231	INV_SLV	Combination	Max			0.	-99.599	3.317E-17	1.0465	5.158E-16
81	0.98462	INV_SLV	Combination	Max			0.	-80.558	3.317E-17	1.0465	5.035E-16
81	1.47692	INV_SLV	Combination	Max			0.	-61.516	3.317E-17	1.0465	4.912E-16
81	1.96923	INV_SLV	Combination	Max			0.	-42.474	3.317E-17	1.0465	4.790E-16
81	2.46154	INV_SLV	Combination	Max			0.	-23.432	3.317E-17	1.0465	4.669E-16
81	2.95385	INV_SLV	Combination	Max			0.	-4.39	3.317E-17	1.0465	4.548E-16
81	3.44615	INV_SLV	Combination	Max			0.	14.651	3.317E-17	1.0465	4.428E-16
81	3.93846	INV_SLV	Combination	Max			0.	33.693	3.317E-17	1.0465	4.308E-16
81	4.43077	INV_SLV	Combination	Max			0.	52.735	3.317E-17	1.0465	4.189E-16
81	4.92308	INV_SLV	Combination	Max			0.	71.777	3.317E-17	1.0465	4.070E-16
81	5.41538	INV_SLV	Combination	Max			0.	90.819	3.317E-17	1.0465	3.952E-16
81	5.90769	INV_SLV	Combination	Max			0.	109.86	3.317E-17	1.0465	3.929E-16
81	6.4	INV_SLV	Combination	Max			0.	128.902	3.317E-17	1.0465	4.051E-16
81	0.	INV_SLV	Combination	Min			0.	-129.31	-4.011E-17	-1.0135	-5.439E-16
81	0.49231	INV_SLV	Combination	Min			0.	-110.269	-4.011E-17	-1.0135	-5.280E-16
81	0.98462	INV_SLV	Combination	Min			0.	-91.227	-4.011E-17	-1.0135	-5.123E-16
81	1.47692	INV_SLV	Combination	Min			0.	-72.185	-4.011E-17	-1.0135	-4.966E-16
81	1.96923	INV_SLV	Combination	Min			0.	-53.143	-4.011E-17	-1.0135	-4.810E-16
81	2.46154	INV_SLV	Combination	Min			0.	-34.101	-4.011E-17	-1.0135	-4.654E-16
81	2.95385	INV_SLV	Combination	Min			0.	-15.06	-4.011E-17	-1.0135	-4.499E-16
81	3.44615	INV_SLV	Combination	Min			0.	3.982	-4.011E-17	-1.0135	-4.345E-16
81	3.93846	INV_SLV	Combination	Min			0.	23.024	-4.011E-17	-1.0135	-4.191E-16
81	4.43077	INV_SLV	Combination	Min			0.	42.066	-4.011E-17	-1.0135	-4.037E-16
81	4.92308	INV_SLV	Combination	Min			0.	61.108	-4.011E-17	-1.0135	-3.885E-16
81	5.41538	INV_SLV	Combination	Min			0.	80.149	-4.011E-17	-1.0135	-3.733E-16
81	5.90769	INV_SLV	Combination	Min			0.	99.191	-4.011E-17	-1.0135	-3.675E-16
81	6.4	INV_SLV	Combination	Min			0.	118.233	-4.011E-17	-1.0135	-3.763E-16
87	0.	INV_SLU	Combination	Max			-721.616	10.611	-0.077	-0.0078	-0.1567
87	1.75	INV_SLU	Combination	Max			-711.381	5.361	-0.077	-0.0078	-0.0224
87	3.5	INV_SLU	Combination	Max			-701.147	3.852	-0.077	-0.0078	1.0062
87	0.	INV_SLU	Combination	Min			-985.79	3.654	-0.629	-0.0495	-1.1951

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
87	1.75	INV_SLU	Combination	Min			-975.555	3.654	-0.629	-0.0495	-0.0945
87	3.5	INV_SLU	Combination	Min			-965.321	0.111	-0.629	-0.0495	0.1119
87	0.	INV_SLV	Combination	Max			-478.79	22.86	9.598	0.9266	18.0819
87	1.75	INV_SLV	Combination	Max			-470.918	22.86	9.598	0.9266	1.2888
87	3.5	INV_SLV	Combination	Max			-463.045	22.86	9.598	0.9266	16.286
87	0.	INV_SLV	Combination	Min			-516.194	-16.988	-10.082	-0.9509	-19.0017
87	1.75	INV_SLV	Combination	Min			-508.322	-16.988	-10.082	-0.9509	-1.3617
87	3.5	INV_SLV	Combination	Min			-500.449	-16.988	-10.082	-0.9509	-15.512
88	0.	INV_SLU	Combination	Max			-717.097	11.086	0.226	-0.0078	0.1926
88	1.75	INV_SLU	Combination	Max			-706.862	5.836	0.226	-0.0078	-0.2026
88	3.5	INV_SLU	Combination	Max			-696.628	3.933	0.226	-0.0078	0.2281
88	0.	INV_SLU	Combination	Min			-979.536	3.68	-0.282	-0.0495	-0.7579
88	1.75	INV_SLU	Combination	Min			-969.302	3.68	-0.282	-0.0495	-0.3329
88	3.5	INV_SLU	Combination	Min			-959.067	0.586	-0.282	-0.0495	-0.5978
88	0.	INV_SLV	Combination	Max			-471.542	29.692	9.757	0.9266	18.2651
88	1.75	INV_SLV	Combination	Max			-463.669	29.692	9.757	0.9266	1.1943
88	3.5	INV_SLV	Combination	Max			-455.796	29.692	9.757	0.9266	15.6807
88	0.	INV_SLV	Combination	Min			-517.493	-23.637	-9.824	-0.9509	-18.7038
88	1.75	INV_SLV	Combination	Min			-509.621	-23.637	-9.824	-0.9509	-1.5155
88	3.5	INV_SLV	Combination	Min			-501.748	-23.637	-9.824	-0.9509	-15.8844
89	0.	INV_SLU	Combination	Max			-748.11	11.529	-1.923	-0.0078	-2.2874
89	1.75	INV_SLU	Combination	Max			-737.876	6.279	-1.923	-0.0078	1.4128
89	3.5	INV_SLU	Combination	Max			-727.641	3.958	-1.923	-0.0078	6.8454
89	0.	INV_SLU	Combination	Min			-1023.279	3.658	-3.118	-0.0495	-4.0686
89	1.75	INV_SLU	Combination	Min			-1013.045	3.658	-3.118	-0.0495	1.0365
89	3.5	INV_SLU	Combination	Min			-1002.81	1.029	-3.118	-0.0495	4.4417
89	0.	INV_SLV	Combination	Max			-485.015	37.265	8.61	0.9266	16.9409
89	1.75	INV_SLV	Combination	Max			-477.143	37.265	8.61	0.9266	1.8773
89	3.5	INV_SLV	Combination	Max			-469.27	37.265	8.61	0.9266	19.8776
89	0.	INV_SLV	Combination	Min			-545.569	-31.093	-11.613	-0.9509	-20.7694
89	1.75	INV_SLV	Combination	Min			-537.696	-31.093	-11.613	-0.9509	-0.4492
89	3.5	INV_SLV	Combination	Min			-529.823	-31.093	-11.613	-0.9509	-13.193
90	0.	INV_SLU	Combination	Max			-378.859	11.656	22.494	-0.0078	23.5404
90	1.75	INV_SLU	Combination	Max			-368.625	6.406	18.686	-0.0078	-8.515
90	3.5	INV_SLU	Combination	Max			-358.391	3.769	18.443	-0.0078	-29.1423
90	0.	INV_SLU	Combination	Min			-519.059	2.659	13.568	-0.0495	15.2294
90	1.75	INV_SLU	Combination	Min			-508.824	2.659	13.568	-0.0495	-12.4916
90	3.5	INV_SLU	Combination	Min			-498.59	1.156	7.626	-0.0495	-43.7292

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
90	0.	INV_SLV	Combination	Max			-145.434	52.66	17.668	0.9266	27.3966
90	1.75	INV_SLV	Combination	Max			-137.562	52.66	17.668	0.9266	-3.5157
90	3.5	INV_SLV	Combination	Max			-129.689	52.66	17.668	0.9266	-9.6777
90	0.	INV_SLV	Combination	Min			-378.981	-48.138	0.988	-0.9509	-6.222
90	1.75	INV_SLV	Combination	Min			-371.109	-48.138	0.988	-0.9509	-7.9588
90	3.5	INV_SLV	Combination	Min			-363.236	-48.138	0.988	-0.9509	-34.4458
92	0.	INV_SLU	Combination	Max			0.	-21.999	-1.301E-18	0.0194	1.492E-17
92	0.4875	INV_SLU	Combination	Max			0.	-19.148	-1.301E-18	0.0194	1.758E-17
92	0.975	INV_SLU	Combination	Max			0.	-16.297	-1.301E-18	0.0194	2.025E-17
92	1.4625	INV_SLU	Combination	Max			0.	-13.446	-1.301E-18	0.0194	2.291E-17
92	1.95	INV_SLU	Combination	Max			0.	-10.595	-1.301E-18	0.0194	2.557E-17
92	2.4375	INV_SLU	Combination	Max			0.	-7.743	-1.301E-18	0.0194	2.824E-17
92	2.925	INV_SLU	Combination	Max			0.	-4.892	-1.301E-18	0.0194	3.090E-17
92	3.4125	INV_SLU	Combination	Max			0.	-2.041	-1.301E-18	0.0194	3.357E-17
92	3.9	INV_SLU	Combination	Max			0.	0.81	-1.301E-18	0.0194	3.623E-17
92	4.3875	INV_SLU	Combination	Max			0.	3.661	-1.301E-18	0.0194	3.889E-17
92	4.875	INV_SLU	Combination	Max			0.	6.512	-1.301E-18	0.0194	4.156E-17
92	5.3625	INV_SLU	Combination	Max			0.	9.363	-1.301E-18	0.0194	4.422E-17
92	5.85	INV_SLU	Combination	Max			0.	12.214	-1.301E-18	0.0194	4.689E-17
92	6.3375	INV_SLU	Combination	Max			0.	15.065	-1.301E-18	0.0194	4.955E-17
92	6.825	INV_SLU	Combination	Max			0.	17.916	-1.301E-18	0.0194	5.221E-17
92	7.3125	INV_SLU	Combination	Max			0.	20.767	-1.301E-18	0.0194	5.488E-17
92	7.8	INV_SLU	Combination	Max			0.	23.618	-1.301E-18	0.0194	5.754E-17
92	0.	INV_SLU	Combination	Min			0.	-22.967	-5.464E-18	0.0077	1.492E-17
92	0.4875	INV_SLU	Combination	Min			0.	-20.116	-5.464E-18	0.0077	1.555E-17
92	0.975	INV_SLU	Combination	Min			0.	-17.265	-5.464E-18	0.0077	1.619E-17
92	1.4625	INV_SLU	Combination	Min			0.	-14.414	-5.464E-18	0.0077	1.682E-17
92	1.95	INV_SLU	Combination	Min			0.	-11.563	-5.464E-18	0.0077	1.746E-17
92	2.4375	INV_SLU	Combination	Min			0.	-8.712	-5.464E-18	0.0077	1.809E-17
92	2.925	INV_SLU	Combination	Min			0.	-5.861	-5.464E-18	0.0077	1.872E-17
92	3.4125	INV_SLU	Combination	Min			0.	-3.01	-5.464E-18	0.0077	1.936E-17
92	3.9	INV_SLU	Combination	Min			0.	-0.159	-5.464E-18	0.0077	1.999E-17
92	4.3875	INV_SLU	Combination	Min			0.	2.692	-5.464E-18	0.0077	2.063E-17
92	4.875	INV_SLU	Combination	Min			0.	5.543	-5.464E-18	0.0077	2.126E-17
92	5.3625	INV_SLU	Combination	Min			0.	8.394	-5.464E-18	0.0077	2.190E-17
92	5.85	INV_SLU	Combination	Min			0.	11.245	-5.464E-18	0.0077	2.253E-17
92	6.3375	INV_SLU	Combination	Min			0.	14.096	-5.464E-18	0.0077	2.316E-17
92	6.825	INV_SLU	Combination	Min			0.	16.947	-5.464E-18	0.0077	2.380E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
92	7.3125	INV_SLU	Combination	Min			0.	19.798	-5.464E-18	0.0077	2.443E-17
92	7.8	INV_SLU	Combination	Min			0.	22.649	-5.464E-18	0.0077	2.507E-17
92	0.	INV_SLV	Combination	Max			0.	-7.6	2.388E-16	0.3474	5.796E-16
92	0.4875	INV_SLV	Combination	Max			0.	-5.407	2.388E-16	0.3474	4.990E-16
92	0.975	INV_SLV	Combination	Max			0.	-3.214	2.388E-16	0.3474	4.521E-16
92	1.4625	INV_SLV	Combination	Max			0.	-1.021	2.388E-16	0.3474	4.286E-16
92	1.95	INV_SLV	Combination	Max			0.	1.173	2.388E-16	0.3474	4.314E-16
92	2.4375	INV_SLV	Combination	Max			0.	3.366	2.388E-16	0.3474	4.657E-16
92	2.925	INV_SLV	Combination	Max			0.	5.559	2.388E-16	0.3474	5.306E-16
92	3.4125	INV_SLV	Combination	Max			0.	7.752	2.388E-16	0.3474	6.070E-16
92	3.9	INV_SLV	Combination	Max			0.	9.945	2.388E-16	0.3474	6.876E-16
92	4.3875	INV_SLV	Combination	Max			0.	12.138	2.388E-16	0.3474	7.703E-16
92	4.875	INV_SLV	Combination	Max			0.	14.331	2.388E-16	0.3474	8.542E-16
92	5.3625	INV_SLV	Combination	Max			0.	16.524	2.388E-16	0.3474	9.389E-16
92	5.85	INV_SLV	Combination	Max			0.	18.717	2.388E-16	0.3474	1.024E-15
92	6.3375	INV_SLV	Combination	Max			0.	20.91	2.388E-16	0.3474	1.132E-15
92	6.825	INV_SLV	Combination	Max			0.	23.104	2.388E-16	0.3474	1.248E-15
92	7.3125	INV_SLV	Combination	Max			0.	25.297	2.388E-16	0.3474	1.365E-15
92	7.8	INV_SLV	Combination	Max			0.	27.49	2.388E-16	0.3474	1.481E-15
92	0.	INV_SLV	Combination	Min			0.	-27.747	-2.405E-16	-0.3319	-5.587E-16
92	0.4875	INV_SLV	Combination	Min			0.	-25.554	-2.405E-16	-0.3319	-4.773E-16
92	0.975	INV_SLV	Combination	Min			0.	-23.361	-2.405E-16	-0.3319	-4.296E-16
92	1.4625	INV_SLV	Combination	Min			0.	-21.168	-2.405E-16	-0.3319	-4.052E-16
92	1.95	INV_SLV	Combination	Min			0.	-18.974	-2.405E-16	-0.3319	-4.072E-16
92	2.4375	INV_SLV	Combination	Min			0.	-16.781	-2.405E-16	-0.3319	-4.407E-16
92	2.925	INV_SLV	Combination	Min			0.	-14.588	-2.405E-16	-0.3319	-5.047E-16
92	3.4125	INV_SLV	Combination	Min			0.	-12.395	-2.405E-16	-0.3319	-5.802E-16
92	3.9	INV_SLV	Combination	Min			0.	-10.202	-2.405E-16	-0.3319	-6.600E-16
92	4.3875	INV_SLV	Combination	Min			0.	-8.009	-2.405E-16	-0.3319	-7.418E-16
92	4.875	INV_SLV	Combination	Min			0.	-5.816	-2.405E-16	-0.3319	-8.249E-16
92	5.3625	INV_SLV	Combination	Min			0.	-3.623	-2.405E-16	-0.3319	-9.088E-16
92	5.85	INV_SLV	Combination	Min			0.	-1.43	-2.405E-16	-0.3319	-9.933E-16
92	6.3375	INV_SLV	Combination	Min			0.	0.763	-2.405E-16	-0.3319	-1.100E-15
92	6.825	INV_SLV	Combination	Min			0.	2.957	-2.405E-16	-0.3319	-1.215E-15
92	7.3125	INV_SLV	Combination	Min			0.	5.15	-2.405E-16	-0.3319	-1.331E-15
92	7.8	INV_SLV	Combination	Min			0.	7.343	-2.405E-16	-0.3319	-1.447E-15
93	0.	INV_SLU	Combination	Max			0.	-21.823	-1.301E-18	0.1048	1.492E-17
93	0.4875	INV_SLU	Combination	Max			0.	-18.972	-1.301E-18	0.1048	1.758E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
93	0.975	INV_SLU	Combination	Max			0.	-16.121	-1.301E-18	0.1048	2.025E-17
93	1.4625	INV_SLU	Combination	Max			0.	-13.27	-1.301E-18	0.1048	2.291E-17
93	1.95	INV_SLU	Combination	Max			0.	-10.419	-1.301E-18	0.1048	2.557E-17
93	2.4375	INV_SLU	Combination	Max			0.	-7.568	-1.301E-18	0.1048	2.824E-17
93	2.925	INV_SLU	Combination	Max			0.	-4.717	-1.301E-18	0.1048	3.090E-17
93	3.4125	INV_SLU	Combination	Max			0.	-1.866	-1.301E-18	0.1048	3.357E-17
93	3.9	INV_SLU	Combination	Max			0.	0.985	-1.301E-18	0.1048	3.623E-17
93	4.3875	INV_SLU	Combination	Max			0.	3.836	-1.301E-18	0.1048	3.889E-17
93	4.875	INV_SLU	Combination	Max			0.	6.687	-1.301E-18	0.1048	4.156E-17
93	5.3625	INV_SLU	Combination	Max			0.	9.538	-1.301E-18	0.1048	4.422E-17
93	5.85	INV_SLU	Combination	Max			0.	12.389	-1.301E-18	0.1048	4.689E-17
93	6.3375	INV_SLU	Combination	Max			0.	15.24	-1.301E-18	0.1048	4.955E-17
93	6.825	INV_SLU	Combination	Max			0.	18.091	-1.301E-18	0.1048	5.221E-17
93	7.3125	INV_SLU	Combination	Max			0.	20.942	-1.301E-18	0.1048	5.488E-17
93	7.8	INV_SLU	Combination	Max			0.	23.793	-1.301E-18	0.1048	5.754E-17
93	0.	INV_SLU	Combination	Min			0.	-22.907	-5.464E-18	0.0753	1.492E-17
93	0.4875	INV_SLU	Combination	Min			0.	-20.056	-5.464E-18	0.0753	1.555E-17
93	0.975	INV_SLU	Combination	Min			0.	-17.205	-5.464E-18	0.0753	1.619E-17
93	1.4625	INV_SLU	Combination	Min			0.	-14.354	-5.464E-18	0.0753	1.682E-17
93	1.95	INV_SLU	Combination	Min			0.	-11.503	-5.464E-18	0.0753	1.746E-17
93	2.4375	INV_SLU	Combination	Min			0.	-8.652	-5.464E-18	0.0753	1.809E-17
93	2.925	INV_SLU	Combination	Min			0.	-5.801	-5.464E-18	0.0753	1.872E-17
93	3.4125	INV_SLU	Combination	Min			0.	-2.95	-5.464E-18	0.0753	1.936E-17
93	3.9	INV_SLU	Combination	Min			0.	-0.099	-5.464E-18	0.0753	1.999E-17
93	4.3875	INV_SLU	Combination	Min			0.	2.752	-5.464E-18	0.0753	2.063E-17
93	4.875	INV_SLU	Combination	Min			0.	5.603	-5.464E-18	0.0753	2.126E-17
93	5.3625	INV_SLU	Combination	Min			0.	8.454	-5.464E-18	0.0753	2.190E-17
93	5.85	INV_SLU	Combination	Min			0.	11.305	-5.464E-18	0.0753	2.253E-17
93	6.3375	INV_SLU	Combination	Min			0.	14.156	-5.464E-18	0.0753	2.316E-17
93	6.825	INV_SLU	Combination	Min			0.	17.007	-5.464E-18	0.0753	2.380E-17
93	7.3125	INV_SLU	Combination	Min			0.	19.858	-5.464E-18	0.0753	2.443E-17
93	7.8	INV_SLU	Combination	Min			0.	22.709	-5.464E-18	0.0753	2.507E-17
93	0.	INV_SLV	Combination	Max			0.	-4.672	2.388E-16	0.4076	5.796E-16
93	0.4875	INV_SLV	Combination	Max			0.	-2.479	2.388E-16	0.4076	4.990E-16
93	0.975	INV_SLV	Combination	Max			0.	-0.286	2.388E-16	0.4076	4.521E-16
93	1.4625	INV_SLV	Combination	Max			0.	1.907	2.388E-16	0.4076	4.286E-16
93	1.95	INV_SLV	Combination	Max			0.	4.101	2.388E-16	0.4076	4.314E-16
93	2.4375	INV_SLV	Combination	Max			0.	6.294	2.388E-16	0.4076	4.657E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
93	2.925	INV_SLV	Combination	Max			0.	8.487	2.388E-16	0.4076	5.306E-16
93	3.4125	INV_SLV	Combination	Max			0.	10.68	2.388E-16	0.4076	6.070E-16
93	3.9	INV_SLV	Combination	Max			0.	12.873	2.388E-16	0.4076	6.876E-16
93	4.3875	INV_SLV	Combination	Max			0.	15.066	2.388E-16	0.4076	7.703E-16
93	4.875	INV_SLV	Combination	Max			0.	17.259	2.388E-16	0.4076	8.542E-16
93	5.3625	INV_SLV	Combination	Max			0.	19.452	2.388E-16	0.4076	9.389E-16
93	5.85	INV_SLV	Combination	Max			0.	21.645	2.388E-16	0.4076	1.024E-15
93	6.3375	INV_SLV	Combination	Max			0.	23.838	2.388E-16	0.4076	1.132E-15
93	6.825	INV_SLV	Combination	Max			0.	26.032	2.388E-16	0.4076	1.248E-15
93	7.3125	INV_SLV	Combination	Max			0.	28.225	2.388E-16	0.4076	1.365E-15
93	7.8	INV_SLV	Combination	Max			0.	30.418	2.388E-16	0.4076	1.481E-15
93	0.	INV_SLV	Combination	Min			0.	-30.545	-2.405E-16	-0.301	-5.587E-16
93	0.4875	INV_SLV	Combination	Min			0.	-28.352	-2.405E-16	-0.301	-4.773E-16
93	0.975	INV_SLV	Combination	Min			0.	-26.159	-2.405E-16	-0.301	-4.296E-16
93	1.4625	INV_SLV	Combination	Min			0.	-23.966	-2.405E-16	-0.301	-4.052E-16
93	1.95	INV_SLV	Combination	Min			0.	-21.773	-2.405E-16	-0.301	-4.072E-16
93	2.4375	INV_SLV	Combination	Min			0.	-19.58	-2.405E-16	-0.301	-4.407E-16
93	2.925	INV_SLV	Combination	Min			0.	-17.387	-2.405E-16	-0.301	-5.047E-16
93	3.4125	INV_SLV	Combination	Min			0.	-15.194	-2.405E-16	-0.301	-5.802E-16
93	3.9	INV_SLV	Combination	Min			0.	-13.001	-2.405E-16	-0.301	-6.600E-16
93	4.3875	INV_SLV	Combination	Min			0.	-10.808	-2.405E-16	-0.301	-7.418E-16
93	4.875	INV_SLV	Combination	Min			0.	-8.614	-2.405E-16	-0.301	-8.249E-16
93	5.3625	INV_SLV	Combination	Min			0.	-6.421	-2.405E-16	-0.301	-9.088E-16
93	5.85	INV_SLV	Combination	Min			0.	-4.228	-2.405E-16	-0.301	-9.933E-16
93	6.3375	INV_SLV	Combination	Min			0.	-2.035	-2.405E-16	-0.301	-1.100E-15
93	6.825	INV_SLV	Combination	Min			0.	0.158	-2.405E-16	-0.301	-1.215E-15
93	7.3125	INV_SLV	Combination	Min			0.	2.351	-2.405E-16	-0.301	-1.331E-15
93	7.8	INV_SLV	Combination	Min			0.	4.544	-2.405E-16	-0.301	-1.447E-15
94	0.	INV_SLU	Combination	Max			0.	-21.729	-1.301E-18	-0.4917	1.492E-17
94	0.4875	INV_SLU	Combination	Max			0.	-18.878	-1.301E-18	-0.4917	1.758E-17
94	0.975	INV_SLU	Combination	Max			0.	-16.027	-1.301E-18	-0.4917	2.025E-17
94	1.4625	INV_SLU	Combination	Max			0.	-13.175	-1.301E-18	-0.4917	2.291E-17
94	1.95	INV_SLU	Combination	Max			0.	-10.324	-1.301E-18	-0.4917	2.557E-17
94	2.4375	INV_SLU	Combination	Max			0.	-7.473	-1.301E-18	-0.4917	2.824E-17
94	2.925	INV_SLU	Combination	Max			0.	-4.622	-1.301E-18	-0.4917	3.090E-17
94	3.4125	INV_SLU	Combination	Max			0.	-1.771	-1.301E-18	-0.4917	3.357E-17
94	3.9	INV_SLU	Combination	Max			0.	1.08	-1.301E-18	-0.4917	3.623E-17
94	4.3875	INV_SLU	Combination	Max			0.	3.931	-1.301E-18	-0.4917	3.889E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
94	4.875	INV_SLU	Combination	Max			0.	6.782	-1.301E-18	-0.4917	4.156E-17
94	5.3625	INV_SLU	Combination	Max			0.	9.633	-1.301E-18	-0.4917	4.422E-17
94	5.85	INV_SLU	Combination	Max			0.	12.484	-1.301E-18	-0.4917	4.689E-17
94	6.3375	INV_SLU	Combination	Max			0.	15.335	-1.301E-18	-0.4917	4.955E-17
94	6.825	INV_SLU	Combination	Max			0.	18.186	-1.301E-18	-0.4917	5.221E-17
94	7.3125	INV_SLU	Combination	Max			0.	21.037	-1.301E-18	-0.4917	5.488E-17
94	7.8	INV_SLU	Combination	Max			0.	23.888	-1.301E-18	-0.4917	5.754E-17
94	0.	INV_SLU	Combination	Min			0.	-22.906	-5.464E-18	-0.6536	1.492E-17
94	0.4875	INV_SLU	Combination	Min			0.	-20.055	-5.464E-18	-0.6536	1.555E-17
94	0.975	INV_SLU	Combination	Min			0.	-17.204	-5.464E-18	-0.6536	1.619E-17
94	1.4625	INV_SLU	Combination	Min			0.	-14.353	-5.464E-18	-0.6536	1.682E-17
94	1.95	INV_SLU	Combination	Min			0.	-11.502	-5.464E-18	-0.6536	1.746E-17
94	2.4375	INV_SLU	Combination	Min			0.	-8.651	-5.464E-18	-0.6536	1.809E-17
94	2.925	INV_SLU	Combination	Min			0.	-5.8	-5.464E-18	-0.6536	1.872E-17
94	3.4125	INV_SLU	Combination	Min			0.	-2.949	-5.464E-18	-0.6536	1.936E-17
94	3.9	INV_SLU	Combination	Min			0.	-0.098	-5.464E-18	-0.6536	1.999E-17
94	4.3875	INV_SLU	Combination	Min			0.	2.753	-5.464E-18	-0.6536	2.063E-17
94	4.875	INV_SLU	Combination	Min			0.	5.604	-5.464E-18	-0.6536	2.126E-17
94	5.3625	INV_SLU	Combination	Min			0.	8.455	-5.464E-18	-0.6536	2.190E-17
94	5.85	INV_SLU	Combination	Min			0.	11.306	-5.464E-18	-0.6536	2.253E-17
94	6.3375	INV_SLU	Combination	Min			0.	14.157	-5.464E-18	-0.6536	2.316E-17
94	6.825	INV_SLU	Combination	Min			0.	17.009	-5.464E-18	-0.6536	2.380E-17
94	7.3125	INV_SLU	Combination	Min			0.	19.86	-5.464E-18	-0.6536	2.443E-17
94	7.8	INV_SLU	Combination	Min			0.	22.711	-5.464E-18	-0.6536	2.507E-17
94	0.	INV_SLV	Combination	Max			0.	-1.511	2.388E-16	0.0553	5.796E-16
94	0.4875	INV_SLV	Combination	Max			0.	0.682	2.388E-16	0.0553	4.990E-16
94	0.975	INV_SLV	Combination	Max			0.	2.875	2.388E-16	0.0553	4.521E-16
94	1.4625	INV_SLV	Combination	Max			0.	5.068	2.388E-16	0.0553	4.286E-16
94	1.95	INV_SLV	Combination	Max			0.	7.261	2.388E-16	0.0553	4.314E-16
94	2.4375	INV_SLV	Combination	Max			0.	9.454	2.388E-16	0.0553	4.657E-16
94	2.925	INV_SLV	Combination	Max			0.	11.648	2.388E-16	0.0553	5.306E-16
94	3.4125	INV_SLV	Combination	Max			0.	13.841	2.388E-16	0.0553	6.070E-16
94	3.9	INV_SLV	Combination	Max			0.	16.034	2.388E-16	0.0553	6.876E-16
94	4.3875	INV_SLV	Combination	Max			0.	18.227	2.388E-16	0.0553	7.703E-16
94	4.875	INV_SLV	Combination	Max			0.	20.42	2.388E-16	0.0553	8.542E-16
94	5.3625	INV_SLV	Combination	Max			0.	22.613	2.388E-16	0.0553	9.389E-16
94	5.85	INV_SLV	Combination	Max			0.	24.806	2.388E-16	0.0553	1.024E-15
94	6.3375	INV_SLV	Combination	Max			0.	26.999	2.388E-16	0.0553	1.132E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
94	6.825	INV_SLV	Combination	Max			0.	29.192	2.388E-16	0.0553	1.248E-15
94	7.3125	INV_SLV	Combination	Max			0.	31.386	2.388E-16	0.0553	1.365E-15
94	7.8	INV_SLV	Combination	Max			0.	33.579	2.388E-16	0.0553	1.481E-15
94	0.	INV_SLV	Combination	Min			0.	-33.653	-2.405E-16	-0.7353	-5.587E-16
94	0.4875	INV_SLV	Combination	Min			0.	-31.46	-2.405E-16	-0.7353	-4.773E-16
94	0.975	INV_SLV	Combination	Min			0.	-29.267	-2.405E-16	-0.7353	-4.296E-16
94	1.4625	INV_SLV	Combination	Min			0.	-27.074	-2.405E-16	-0.7353	-4.052E-16
94	1.95	INV_SLV	Combination	Min			0.	-24.88	-2.405E-16	-0.7353	-4.072E-16
94	2.4375	INV_SLV	Combination	Min			0.	-22.687	-2.405E-16	-0.7353	-4.407E-16
94	2.925	INV_SLV	Combination	Min			0.	-20.494	-2.405E-16	-0.7353	-5.047E-16
94	3.4125	INV_SLV	Combination	Min			0.	-18.301	-2.405E-16	-0.7353	-5.802E-16
94	3.9	INV_SLV	Combination	Min			0.	-16.108	-2.405E-16	-0.7353	-6.600E-16
94	4.3875	INV_SLV	Combination	Min			0.	-13.915	-2.405E-16	-0.7353	-7.418E-16
94	4.875	INV_SLV	Combination	Min			0.	-11.722	-2.405E-16	-0.7353	-8.249E-16
94	5.3625	INV_SLV	Combination	Min			0.	-9.529	-2.405E-16	-0.7353	-9.088E-16
94	5.85	INV_SLV	Combination	Min			0.	-7.336	-2.405E-16	-0.7353	-9.933E-16
94	6.3375	INV_SLV	Combination	Min			0.	-5.143	-2.405E-16	-0.7353	-1.100E-15
94	6.825	INV_SLV	Combination	Min			0.	-2.949	-2.405E-16	-0.7353	-1.215E-15
94	7.3125	INV_SLV	Combination	Min			0.	-0.756	-2.405E-16	-0.7353	-1.331E-15
94	7.8	INV_SLV	Combination	Min			0.	1.437	-2.405E-16	-0.7353	-1.447E-15
102	0.	INV_SLU	Combination	Max			0.	-182.908	-1.128E-18	0.0662	-7.459E-18
102	0.49231	INV_SLU	Combination	Max			0.	-154.788	-1.128E-18	0.0662	-6.904E-18
102	0.98462	INV_SLU	Combination	Max			0.	-126.669	-1.128E-18	0.0662	-6.349E-18
102	1.47692	INV_SLU	Combination	Max			0.	-98.549	-1.128E-18	0.0662	-5.794E-18
102	1.96923	INV_SLU	Combination	Max			0.	-70.429	-1.128E-18	0.0662	-5.239E-18
102	2.46154	INV_SLU	Combination	Max			0.	-42.309	-1.128E-18	0.0662	-4.684E-18
102	2.95385	INV_SLU	Combination	Max			0.	-14.19	-1.128E-18	0.0662	-4.129E-18
102	3.44615	INV_SLU	Combination	Max			0.	18.81	-1.128E-18	0.0662	-3.574E-18
102	3.93846	INV_SLU	Combination	Max			0.	57.01	-1.128E-18	0.0662	-3.018E-18
102	4.43077	INV_SLU	Combination	Max			0.	95.21	-1.128E-18	0.0662	-2.463E-18
102	4.92308	INV_SLU	Combination	Max			0.	133.409	-1.128E-18	0.0662	-1.908E-18
102	5.41538	INV_SLU	Combination	Max			0.	171.609	-1.128E-18	0.0662	-1.353E-18
102	5.90769	INV_SLU	Combination	Max			0.	209.809	-1.128E-18	0.0662	-7.980E-19
102	6.4	INV_SLU	Combination	Max			0.	248.009	-1.128E-18	0.0662	-2.429E-19
102	0.	INV_SLU	Combination	Min			0.	-248.728	-1.128E-18	0.0277	-1.266E-17
102	0.49231	INV_SLU	Combination	Min			0.	-210.529	-1.128E-18	0.0277	-1.211E-17
102	0.98462	INV_SLU	Combination	Min			0.	-172.329	-1.128E-18	0.0277	-1.155E-17
102	1.47692	INV_SLU	Combination	Min			0.	-134.129	-1.128E-18	0.0277	-1.100E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
102	1.96923	INV_SLU	Combination	Min			0.	-95.929	-1.128E-18	0.0277	-1.044E-17
102	2.46154	INV_SLU	Combination	Min			0.	-57.729	-1.128E-18	0.0277	-9.888E-18
102	2.95385	INV_SLU	Combination	Min			0.	-19.53	-1.128E-18	0.0277	-9.333E-18
102	3.44615	INV_SLU	Combination	Min			0.	13.697	-1.128E-18	0.0277	-8.778E-18
102	3.93846	INV_SLU	Combination	Min			0.	41.817	-1.128E-18	0.0277	-8.223E-18
102	4.43077	INV_SLU	Combination	Min			0.	69.936	-1.128E-18	0.0277	-7.667E-18
102	4.92308	INV_SLU	Combination	Min			0.	98.056	-1.128E-18	0.0277	-7.112E-18
102	5.41538	INV_SLU	Combination	Min			0.	126.176	-1.128E-18	0.0277	-6.557E-18
102	5.90769	INV_SLU	Combination	Min			0.	154.296	-1.128E-18	0.0277	-6.002E-18
102	6.4	INV_SLU	Combination	Min			0.	182.415	-1.128E-18	0.0277	-5.447E-18
102	0.	INV_SLV	Combination	Max			0.	-118.619	6.367E-17	1.0417	8.451E-16
102	0.49231	INV_SLV	Combination	Max			0.	-99.577	6.367E-17	1.0417	8.187E-16
102	0.98462	INV_SLV	Combination	Max			0.	-80.536	6.367E-17	1.0417	7.923E-16
102	1.47692	INV_SLV	Combination	Max			0.	-61.494	6.367E-17	1.0417	7.661E-16
102	1.96923	INV_SLV	Combination	Max			0.	-42.452	6.367E-17	1.0417	7.398E-16
102	2.46154	INV_SLV	Combination	Max			0.	-23.41	6.367E-17	1.0417	7.137E-16
102	2.95385	INV_SLV	Combination	Max			0.	-4.368	6.367E-17	1.0417	6.876E-16
102	3.44615	INV_SLV	Combination	Max			0.	14.673	6.367E-17	1.0417	6.615E-16
102	3.93846	INV_SLV	Combination	Max			0.	33.715	6.367E-17	1.0417	6.355E-16
102	4.43077	INV_SLV	Combination	Max			0.	52.757	6.367E-17	1.0417	6.096E-16
102	4.92308	INV_SLV	Combination	Max			0.	71.799	6.367E-17	1.0417	5.837E-16
102	5.41538	INV_SLV	Combination	Max			0.	90.841	6.367E-17	1.0417	5.579E-16
102	5.90769	INV_SLV	Combination	Max			0.	109.883	6.367E-17	1.0417	5.321E-16
102	6.4	INV_SLV	Combination	Max			0.	128.924	6.367E-17	1.0417	5.064E-16
102	0.	INV_SLV	Combination	Min			0.	-129.271	-6.540E-17	-0.9897	-8.624E-16
102	0.49231	INV_SLV	Combination	Min			0.	-110.23	-6.540E-17	-0.9897	-8.352E-16
102	0.98462	INV_SLV	Combination	Min			0.	-91.188	-6.540E-17	-0.9897	-8.080E-16
102	1.47692	INV_SLV	Combination	Min			0.	-72.146	-6.540E-17	-0.9897	-7.809E-16
102	1.96923	INV_SLV	Combination	Min			0.	-53.104	-6.540E-17	-0.9897	-7.538E-16
102	2.46154	INV_SLV	Combination	Min			0.	-34.062	-6.540E-17	-0.9897	-7.268E-16
102	2.95385	INV_SLV	Combination	Min			0.	-15.021	-6.540E-17	-0.9897	-6.998E-16
102	3.44615	INV_SLV	Combination	Min			0.	4.021	-6.540E-17	-0.9897	-6.729E-16
102	3.93846	INV_SLV	Combination	Min			0.	23.063	-6.540E-17	-0.9897	-6.460E-16
102	4.43077	INV_SLV	Combination	Min			0.	42.105	-6.540E-17	-0.9897	-6.192E-16
102	4.92308	INV_SLV	Combination	Min			0.	61.147	-6.540E-17	-0.9897	-5.925E-16
102	5.41538	INV_SLV	Combination	Min			0.	80.188	-6.540E-17	-0.9897	-5.658E-16
102	5.90769	INV_SLV	Combination	Min			0.	99.23	-6.540E-17	-0.9897	-5.392E-16
102	6.4	INV_SLV	Combination	Min			0.	118.272	-6.540E-17	-0.9897	-5.126E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
103	0.	INV_SLU	Combination	Max			0.	-183.207	2.533E-17	0.0519	1.874E-17
103	0.49231	INV_SLU	Combination	Max			0.	-155.088	2.533E-17	0.0519	1.037E-17
103	0.98462	INV_SLU	Combination	Max			0.	-126.968	2.533E-17	0.0519	8.049E-18
103	1.47692	INV_SLU	Combination	Max			0.	-98.848	2.533E-17	0.0519	5.829E-18
103	1.96923	INV_SLU	Combination	Max			0.	-70.728	2.533E-17	0.0519	3.608E-18
103	2.46154	INV_SLU	Combination	Max			0.	-42.609	2.533E-17	0.0519	1.388E-18
103	2.95385	INV_SLU	Combination	Max			0.	-14.489	2.533E-17	0.0519	-8.327E-19
103	3.44615	INV_SLU	Combination	Max			0.	18.419	2.533E-17	0.0519	-3.053E-18
103	3.93846	INV_SLU	Combination	Max			0.	56.619	2.533E-17	0.0519	-5.274E-18
103	4.43077	INV_SLU	Combination	Max			0.	94.818	2.533E-17	0.0519	-7.494E-18
103	4.92308	INV_SLU	Combination	Max			0.	133.018	2.533E-17	0.0519	-9.714E-18
103	5.41538	INV_SLU	Combination	Max			0.	171.218	2.533E-17	0.0519	-1.193E-17
103	5.90769	INV_SLU	Combination	Max			0.	209.418	2.533E-17	0.0519	-1.416E-17
103	6.4	INV_SLU	Combination	Max			0.	247.617	2.533E-17	0.0519	-1.638E-17
103	0.	INV_SLU	Combination	Min			0.	-249.124	4.510E-18	0.0129	8.327E-18
103	0.49231	INV_SLU	Combination	Min			0.	-210.924	4.510E-18	0.0129	6.106E-18
103	0.98462	INV_SLU	Combination	Min			0.	-172.724	4.510E-18	0.0129	-6.202E-18
103	1.47692	INV_SLU	Combination	Min			0.	-134.525	4.510E-18	0.0129	-1.867E-17
103	1.96923	INV_SLU	Combination	Min			0.	-96.325	4.510E-18	0.0129	-3.114E-17
103	2.46154	INV_SLU	Combination	Min			0.	-58.125	4.510E-18	0.0129	-4.361E-17
103	2.95385	INV_SLU	Combination	Min			0.	-19.925	4.510E-18	0.0129	-5.608E-17
103	3.44615	INV_SLU	Combination	Min			0.	13.39	4.510E-18	0.0129	-6.855E-17
103	3.93846	INV_SLU	Combination	Min			0.	41.51	4.510E-18	0.0129	-8.101E-17
103	4.43077	INV_SLU	Combination	Min			0.	69.63	4.510E-18	0.0129	-9.348E-17
103	4.92308	INV_SLU	Combination	Min			0.	97.75	4.510E-18	0.0129	-1.060E-16
103	5.41538	INV_SLU	Combination	Min			0.	125.869	4.510E-18	0.0129	-1.184E-16
103	5.90769	INV_SLU	Combination	Min			0.	153.989	4.510E-18	0.0129	-1.309E-16
103	6.4	INV_SLU	Combination	Min			0.	182.109	4.510E-18	0.0129	-1.434E-16
103	0.	INV_SLV	Combination	Max			0.	-118.782	3.294E-16	1.0336	1.036E-15
103	0.49231	INV_SLV	Combination	Max			0.	-99.74	3.294E-16	1.0336	8.986E-16
103	0.98462	INV_SLV	Combination	Max			0.	-80.698	3.294E-16	1.0336	7.629E-16
103	1.47692	INV_SLV	Combination	Max			0.	-61.656	3.294E-16	1.0336	6.293E-16
103	1.96923	INV_SLV	Combination	Max			0.	-42.614	3.294E-16	1.0336	4.987E-16
103	2.46154	INV_SLV	Combination	Max			0.	-23.573	3.294E-16	1.0336	5.770E-16
103	2.95385	INV_SLV	Combination	Max			0.	-4.531	3.294E-16	1.0336	6.738E-16
103	3.44615	INV_SLV	Combination	Max			0.	14.511	3.294E-16	1.0336	7.761E-16
103	3.93846	INV_SLV	Combination	Max			0.	33.553	3.294E-16	1.0336	8.833E-16
103	4.43077	INV_SLV	Combination	Max			0.	52.595	3.294E-16	1.0336	9.950E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
103	4.92308	INV_SLV	Combination	Max			0.	71.636	3.294E-16	1.0336	1.110E-15
103	5.41538	INV_SLV	Combination	Max			0.	90.678	3.294E-16	1.0336	1.229E-15
103	5.90769	INV_SLV	Combination	Max			0.	109.72	3.294E-16	1.0336	1.352E-15
103	6.4	INV_SLV	Combination	Max			0.	128.762	3.294E-16	1.0336	1.477E-15
103	0.	INV_SLV	Combination	Min			0.	-129.522	-3.225E-16	-1.0032	-1.008E-15
103	0.49231	INV_SLV	Combination	Min			0.	-110.48	-3.225E-16	-1.0032	-8.743E-16
103	0.98462	INV_SLV	Combination	Min			0.	-91.438	-3.225E-16	-1.0032	-7.420E-16
103	1.47692	INV_SLV	Combination	Min			0.	-72.397	-3.225E-16	-1.0032	-6.118E-16
103	1.96923	INV_SLV	Combination	Min			0.	-53.355	-3.225E-16	-1.0032	-4.846E-16
103	2.46154	INV_SLV	Combination	Min			0.	-34.313	-3.225E-16	-1.0032	-5.663E-16
103	2.95385	INV_SLV	Combination	Min			0.	-15.271	-3.225E-16	-1.0032	-6.666E-16
103	3.44615	INV_SLV	Combination	Min			0.	3.771	-3.225E-16	-1.0032	-7.722E-16
103	3.93846	INV_SLV	Combination	Min			0.	22.812	-3.225E-16	-1.0032	-8.829E-16
103	4.43077	INV_SLV	Combination	Min			0.	41.854	-3.225E-16	-1.0032	-9.980E-16
103	4.92308	INV_SLV	Combination	Min			0.	60.896	-3.225E-16	-1.0032	-1.117E-15
103	5.41538	INV_SLV	Combination	Min			0.	79.938	-3.225E-16	-1.0032	-1.239E-15
103	5.90769	INV_SLV	Combination	Min			0.	98.98	-3.225E-16	-1.0032	-1.365E-15
103	6.4	INV_SLV	Combination	Min			0.	118.021	-3.225E-16	-1.0032	-1.494E-15
104	0.	INV_SLU	Combination	Max			0.	-181.175	-7.459E-18	0.0551	7.425E-17
104	0.49231	INV_SLU	Combination	Max			0.	-153.055	-7.459E-18	0.0551	7.792E-17
104	0.98462	INV_SLU	Combination	Max			0.	-124.935	-7.459E-18	0.0551	8.159E-17
104	1.47692	INV_SLU	Combination	Max			0.	-96.815	-7.459E-18	0.0551	8.526E-17
104	1.96923	INV_SLU	Combination	Max			0.	-68.696	-7.459E-18	0.0551	8.894E-17
104	2.46154	INV_SLU	Combination	Max			0.	-40.576	-7.459E-18	0.0551	9.261E-17
104	2.95385	INV_SLU	Combination	Max			0.	-12.456	-7.459E-18	0.0551	9.628E-17
104	3.44615	INV_SLU	Combination	Max			0.	21.129	-7.459E-18	0.0551	9.995E-17
104	3.93846	INV_SLU	Combination	Max			0.	59.329	-7.459E-18	0.0551	1.036E-16
104	4.43077	INV_SLU	Combination	Max			0.	97.529	-7.459E-18	0.0551	1.073E-16
104	4.92308	INV_SLU	Combination	Max			0.	135.729	-7.459E-18	0.0551	1.110E-16
104	5.41538	INV_SLU	Combination	Max			0.	173.928	-7.459E-18	0.0551	1.146E-16
104	5.90769	INV_SLU	Combination	Max			0.	212.128	-7.459E-18	0.0551	1.183E-16
104	6.4	INV_SLU	Combination	Max			0.	250.328	-7.459E-18	0.0551	1.220E-16
104	0.	INV_SLU	Combination	Min			0.	-246.392	-1.318E-17	0.0177	-1.943E-17
104	0.49231	INV_SLU	Combination	Min			0.	-208.193	-1.318E-17	0.0177	-1.319E-17
104	0.98462	INV_SLU	Combination	Min			0.	-169.993	-1.318E-17	0.0177	-6.960E-18
104	1.47692	INV_SLU	Combination	Min			0.	-131.793	-1.318E-17	0.0177	-7.259E-19
104	1.96923	INV_SLU	Combination	Min			0.	-93.593	-1.318E-17	0.0177	5.508E-18
104	2.46154	INV_SLU	Combination	Min			0.	-55.394	-1.318E-17	0.0177	1.174E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
104	2.95385	INV_SLU	Combination	Min			0.	-17.194	-1.318E-17	0.0177	1.798E-17
104	3.44615	INV_SLU	Combination	Min			0.	15.458	-1.318E-17	0.0177	2.421E-17
104	3.93846	INV_SLU	Combination	Min			0.	43.578	-1.318E-17	0.0177	3.045E-17
104	4.43077	INV_SLU	Combination	Min			0.	71.698	-1.318E-17	0.0177	3.668E-17
104	4.92308	INV_SLU	Combination	Min			0.	99.818	-1.318E-17	0.0177	4.291E-17
104	5.41538	INV_SLU	Combination	Min			0.	127.937	-1.318E-17	0.0177	4.915E-17
104	5.90769	INV_SLU	Combination	Min			0.	156.057	-1.318E-17	0.0177	5.538E-17
104	6.4	INV_SLU	Combination	Min			0.	184.177	-1.318E-17	0.0177	6.162E-17
104	0.	INV_SLV	Combination	Max			0.	-117.695	3.924E-16	1.0263	5.166E-17
104	0.49231	INV_SLV	Combination	Max			0.	-98.653	3.924E-16	1.0263	2.111E-16
104	0.98462	INV_SLV	Combination	Max			0.	-79.611	3.924E-16	1.0263	3.985E-16
104	1.47692	INV_SLV	Combination	Max			0.	-60.569	3.924E-16	1.0263	5.925E-16
104	1.96923	INV_SLV	Combination	Max			0.	-41.528	3.924E-16	1.0263	7.885E-16
104	2.46154	INV_SLV	Combination	Max			0.	-22.486	3.924E-16	1.0263	9.854E-16
104	2.95385	INV_SLV	Combination	Max			0.	-3.444	3.924E-16	1.0263	1.183E-15
104	3.44615	INV_SLV	Combination	Max			0.	15.598	3.924E-16	1.0263	1.380E-15
104	3.93846	INV_SLV	Combination	Max			0.	34.64	3.924E-16	1.0263	1.578E-15
104	4.43077	INV_SLV	Combination	Max			0.	53.681	3.924E-16	1.0263	1.776E-15
104	4.92308	INV_SLV	Combination	Max			0.	72.723	3.924E-16	1.0263	1.974E-15
104	5.41538	INV_SLV	Combination	Max			0.	91.765	3.924E-16	1.0263	2.172E-15
104	5.90769	INV_SLV	Combination	Max			0.	110.807	3.924E-16	1.0263	2.370E-15
104	6.4	INV_SLV	Combination	Max			0.	129.849	3.924E-16	1.0263	2.568E-15
104	0.	INV_SLV	Combination	Min			0.	-127.829	-4.028E-16	-0.9892	-6.554E-17
104	0.49231	INV_SLV	Combination	Min			0.	-108.788	-4.028E-16	-0.9892	-2.199E-16
104	0.98462	INV_SLV	Combination	Min			0.	-89.746	-4.028E-16	-0.9892	-4.021E-16
104	1.47692	INV_SLV	Combination	Min			0.	-70.704	-4.028E-16	-0.9892	-5.910E-16
104	1.96923	INV_SLV	Combination	Min			0.	-51.662	-4.028E-16	-0.9892	-7.819E-16
104	2.46154	INV_SLV	Combination	Min			0.	-32.62	-4.028E-16	-0.9892	-9.737E-16
104	2.95385	INV_SLV	Combination	Min			0.	-13.579	-4.028E-16	-0.9892	-1.166E-15
104	3.44615	INV_SLV	Combination	Min			0.	5.463	-4.028E-16	-0.9892	-1.358E-15
104	3.93846	INV_SLV	Combination	Min			0.	24.505	-4.028E-16	-0.9892	-1.551E-15
104	4.43077	INV_SLV	Combination	Min			0.	43.547	-4.028E-16	-0.9892	-1.744E-15
104	4.92308	INV_SLV	Combination	Min			0.	62.589	-4.028E-16	-0.9892	-1.937E-15
104	5.41538	INV_SLV	Combination	Min			0.	81.63	-4.028E-16	-0.9892	-2.130E-15
104	5.90769	INV_SLV	Combination	Min			0.	100.672	-4.028E-16	-0.9892	-2.323E-15
104	6.4	INV_SLV	Combination	Min			0.	119.714	-4.028E-16	-0.9892	-2.516E-15
105	0.	INV_SLU	Combination	Max			0.	-195.678	-2.602E-18	0.1145	-5.421E-20
105	0.49231	INV_SLU	Combination	Max			0.	-167.558	-2.602E-18	0.1145	1.227E-18

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
105	0.98462	INV_SLU	Combination	Max			0.	-139.438	-2.602E-18	0.1145	2.508E-18
105	1.47692	INV_SLU	Combination	Max			0.	-111.318	-2.602E-18	0.1145	3.789E-18
105	1.96923	INV_SLU	Combination	Max			0.	-83.198	-2.602E-18	0.1145	5.070E-18
105	2.46154	INV_SLU	Combination	Max			0.	-55.079	-2.602E-18	0.1145	6.351E-18
105	2.95385	INV_SLU	Combination	Max			0.	-26.959	-2.602E-18	0.1145	7.632E-18
105	3.44615	INV_SLU	Combination	Max			0.	1.538	-2.602E-18	0.1145	8.913E-18
105	3.93846	INV_SLU	Combination	Max			0.	39.738	-2.602E-18	0.1145	2.517E-17
105	4.43077	INV_SLU	Combination	Max			0.	77.938	-2.602E-18	0.1145	4.822E-17
105	4.92308	INV_SLU	Combination	Max			0.	116.138	-2.602E-18	0.1145	7.128E-17
105	5.41538	INV_SLU	Combination	Max			0.	154.337	-2.602E-18	0.1145	9.434E-17
105	5.90769	INV_SLU	Combination	Max			0.	192.537	-2.602E-18	0.1145	1.174E-16
105	6.4	INV_SLU	Combination	Max			0.	230.737	-2.602E-18	0.1145	1.405E-16
105	0.	INV_SLU	Combination	Min			0.	-266.069	-4.684E-17	0.0287	-1.593E-16
105	0.49231	INV_SLU	Combination	Min			0.	-227.869	-4.684E-17	0.0287	-1.362E-16
105	0.98462	INV_SLU	Combination	Min			0.	-189.67	-4.684E-17	0.0287	-1.132E-16
105	1.47692	INV_SLU	Combination	Min			0.	-151.47	-4.684E-17	0.0287	-9.013E-17
105	1.96923	INV_SLU	Combination	Min			0.	-113.27	-4.684E-17	0.0287	-6.707E-17
105	2.46154	INV_SLU	Combination	Min			0.	-75.07	-4.684E-17	0.0287	-4.401E-17
105	2.95385	INV_SLU	Combination	Min			0.	-36.871	-4.684E-17	0.0287	-2.095E-17
105	3.44615	INV_SLU	Combination	Min			0.	0.812	-4.684E-17	0.0287	2.108E-18
105	3.93846	INV_SLU	Combination	Min			0.	28.932	-4.684E-17	0.0287	6.911E-18
105	4.43077	INV_SLU	Combination	Min			0.	57.052	-4.684E-17	0.0287	9.473E-18
105	4.92308	INV_SLU	Combination	Min			0.	85.171	-4.684E-17	0.0287	1.204E-17
105	5.41538	INV_SLU	Combination	Min			0.	113.291	-4.684E-17	0.0287	1.404E-17
105	5.90769	INV_SLU	Combination	Min			0.	141.411	-4.684E-17	0.0287	1.532E-17
105	6.4	INV_SLU	Combination	Min			0.	169.531	-4.684E-17	0.0287	1.660E-17
105	0.	INV_SLV	Combination	Max			0.	-125.759	1.402E-16	0.5563	3.763E-16
105	0.49231	INV_SLV	Combination	Max			0.	-106.717	1.402E-16	0.5563	3.269E-16
105	0.98462	INV_SLV	Combination	Max			0.	-87.675	1.402E-16	0.5563	2.890E-16
105	1.47692	INV_SLV	Combination	Max			0.	-68.634	1.402E-16	0.5563	2.959E-16
105	1.96923	INV_SLV	Combination	Max			0.	-49.592	1.402E-16	0.5563	3.114E-16
105	2.46154	INV_SLV	Combination	Max			0.	-30.55	1.402E-16	0.5563	3.371E-16
105	2.95385	INV_SLV	Combination	Max			0.	-11.508	1.402E-16	0.5563	3.731E-16
105	3.44615	INV_SLV	Combination	Max			0.	7.534	1.402E-16	0.5563	4.166E-16
105	3.93846	INV_SLV	Combination	Max			0.	26.575	1.402E-16	0.5563	4.645E-16
105	4.43077	INV_SLV	Combination	Max			0.	45.617	1.402E-16	0.5563	5.151E-16
105	4.92308	INV_SLV	Combination	Max			0.	64.659	1.402E-16	0.5563	5.674E-16
105	5.41538	INV_SLV	Combination	Max			0.	83.701	1.402E-16	0.5563	6.209E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
105	5.90769	INV_SLV	Combination	Max			0.	102.743	1.402E-16	0.5563	6.752E-16
105	6.4	INV_SLV	Combination	Max			0.	121.784	1.402E-16	0.5563	7.302E-16
105	0.	INV_SLV	Combination	Min			0.	-139.506	-1.471E-16	-0.3445	-3.648E-16
105	0.49231	INV_SLV	Combination	Min			0.	-120.464	-1.471E-16	-0.3445	-3.120E-16
105	0.98462	INV_SLV	Combination	Min			0.	-101.422	-1.471E-16	-0.3445	-2.707E-16
105	1.47692	INV_SLV	Combination	Min			0.	-82.38	-1.471E-16	-0.3445	-2.742E-16
105	1.96923	INV_SLV	Combination	Min			0.	-63.339	-1.471E-16	-0.3445	-2.862E-16
105	2.46154	INV_SLV	Combination	Min			0.	-44.297	-1.471E-16	-0.3445	-3.085E-16
105	2.95385	INV_SLV	Combination	Min			0.	-25.255	-1.471E-16	-0.3445	-3.411E-16
105	3.44615	INV_SLV	Combination	Min			0.	-6.213	-1.471E-16	-0.3445	-3.812E-16
105	3.93846	INV_SLV	Combination	Min			0.	12.829	-1.471E-16	-0.3445	-4.257E-16
105	4.43077	INV_SLV	Combination	Min			0.	31.87	-1.471E-16	-0.3445	-4.729E-16
105	4.92308	INV_SLV	Combination	Min			0.	50.912	-1.471E-16	-0.3445	-5.218E-16
105	5.41538	INV_SLV	Combination	Min			0.	69.954	-1.471E-16	-0.3445	-5.718E-16
105	5.90769	INV_SLV	Combination	Min			0.	88.996	-1.471E-16	-0.3445	-6.227E-16
105	6.4	INV_SLV	Combination	Min			0.	108.038	-1.471E-16	-0.3445	-6.743E-16
107	0.	INV_SLU	Combination	Max			-346.367	1.871	-13.092	-0.0024	-15.1434
107	1.75	INV_SLU	Combination	Max			-341.25	1.871	-13.092	-0.0024	10.435
107	3.5	INV_SLU	Combination	Max			-336.132	1.871	-13.092	-0.0024	41.6773
107	0.	INV_SLU	Combination	Min			-467.962	0.996	-17.86	-0.0152	-20.8339
107	1.75	INV_SLU	Combination	Min			-462.845	0.996	-17.86	-0.0152	7.746
107	3.5	INV_SLU	Combination	Min			-457.727	0.996	-17.86	-0.0152	30.6799
107	0.	INV_SLV	Combination	Max			-152.82	13.409	-4.448	0.2851	-1.8306
107	1.75	INV_SLV	Combination	Max			-148.884	13.409	-4.448	0.2851	5.9564
107	3.5	INV_SLV	Combination	Max			-144.948	13.409	-4.448	0.2851	28.0989
107	0.	INV_SLV	Combination	Min			-333.285	-11.77	-13.459	-0.2925	-19.0093
107	1.75	INV_SLV	Combination	Min			-329.349	-11.77	-13.459	-0.2925	4.5406
107	3.5	INV_SLV	Combination	Min			-325.413	-11.77	-13.459	-0.2925	13.735
108	0.	INV_SLU	Combination	Max			-394.475	10.111	24.562	-0.0024	26.0584
108	1.75	INV_SLU	Combination	Max			-389.358	4.861	20.753	-0.0024	-9.2871
108	3.5	INV_SLU	Combination	Max			-384.24	4.013	20.625	-0.0024	-32.6346
108	0.	INV_SLU	Combination	Min			-519.522	3.83	15.265	-0.0152	17.4265
108	1.75	INV_SLU	Combination	Min			-514.405	3.83	15.265	-0.0152	-13.5922
108	3.5	INV_SLU	Combination	Min			-509.287	-0.389	9.131	-0.0152	-48.5978
108	0.	INV_SLV	Combination	Max			-238.052	16.08	15.038	0.2851	20.6621
108	1.75	INV_SLV	Combination	Max			-234.116	16.08	15.038	0.2851	-5.6493
108	3.5	INV_SLV	Combination	Max			-230.18	16.08	15.038	0.2851	-17.0017
108	0.	INV_SLV	Combination	Min			-306.669	-10.333	5.768	-0.2925	3.1853

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
108	1.75	INV_SLV	Combination	Min			-302.733	-10.333	5.768	-0.2925	-6.9141
108	3.5	INV_SLV	Combination	Min			-298.797	-10.333	5.768	-0.2925	-31.9726
109	0.	INV_SLU	Combination	Max			0.	-189.122	5.811E-18	-1.8523	1.795E-16
109	0.49231	INV_SLU	Combination	Max			0.	-161.002	5.811E-18	-1.8523	1.767E-16
109	0.98462	INV_SLU	Combination	Max			0.	-132.883	5.811E-18	-1.8523	1.738E-16
109	1.47692	INV_SLU	Combination	Max			0.	-104.763	5.811E-18	-1.8523	1.710E-16
109	1.96923	INV_SLU	Combination	Max			0.	-76.643	5.811E-18	-1.8523	1.681E-16
109	2.46154	INV_SLU	Combination	Max			0.	-48.523	5.811E-18	-1.8523	1.652E-16
109	2.95385	INV_SLU	Combination	Max			0.	-20.404	5.811E-18	-1.8523	1.624E-16
109	3.44615	INV_SLU	Combination	Max			0.	10.437	5.811E-18	-1.8523	1.595E-16
109	3.93846	INV_SLU	Combination	Max			0.	48.637	5.811E-18	-1.8523	1.567E-16
109	4.43077	INV_SLU	Combination	Max			0.	86.837	5.811E-18	-1.8523	1.538E-16
109	4.92308	INV_SLU	Combination	Max			0.	125.037	5.811E-18	-1.8523	1.509E-16
109	5.41538	INV_SLU	Combination	Max			0.	163.236	5.811E-18	-1.8523	1.481E-16
109	5.90769	INV_SLU	Combination	Max			0.	201.436	5.811E-18	-1.8523	1.452E-16
109	6.4	INV_SLU	Combination	Max			0.	239.636	5.811E-18	-1.8523	1.424E-16
109	0.	INV_SLU	Combination	Min			0.	-257.131	3.209E-18	-2.2338	7.806E-18
109	0.49231	INV_SLU	Combination	Min			0.	-218.931	3.209E-18	-2.2338	6.226E-18
109	0.98462	INV_SLU	Combination	Min			0.	-180.732	3.209E-18	-2.2338	4.646E-18
109	1.47692	INV_SLU	Combination	Min			0.	-142.532	3.209E-18	-2.2338	3.066E-18
109	1.96923	INV_SLU	Combination	Min			0.	-104.332	3.209E-18	-2.2338	1.487E-18
109	2.46154	INV_SLU	Combination	Min			0.	-66.132	3.209E-18	-2.2338	-1.294E-18
109	2.95385	INV_SLU	Combination	Min			0.	-27.933	3.209E-18	-2.2338	-4.155E-18
109	3.44615	INV_SLU	Combination	Min			0.	7.433	3.209E-18	-2.2338	-7.016E-18
109	3.93846	INV_SLU	Combination	Min			0.	35.553	3.209E-18	-2.2338	-9.877E-18
109	4.43077	INV_SLU	Combination	Min			0.	63.672	3.209E-18	-2.2338	-1.274E-17
109	4.92308	INV_SLU	Combination	Min			0.	91.792	3.209E-18	-2.2338	-1.560E-17
109	5.41538	INV_SLU	Combination	Min			0.	119.912	3.209E-18	-2.2338	-1.846E-17
109	5.90769	INV_SLU	Combination	Min			0.	148.032	3.209E-18	-2.2338	-2.132E-17
109	6.4	INV_SLU	Combination	Min			0.	176.151	3.209E-18	-2.2338	-2.418E-17
109	0.	INV_SLV	Combination	Max			0.	-122.675	2.878E-16	-0.033	4.096E-16
109	0.49231	INV_SLV	Combination	Max			0.	-103.633	2.878E-16	-0.033	4.320E-16
109	0.98462	INV_SLV	Combination	Max			0.	-84.591	2.878E-16	-0.033	4.945E-16
109	1.47692	INV_SLV	Combination	Max			0.	-65.549	2.878E-16	-0.033	5.839E-16
109	1.96923	INV_SLV	Combination	Max			0.	-46.508	2.878E-16	-0.033	6.896E-16
109	2.46154	INV_SLV	Combination	Max			0.	-27.466	2.878E-16	-0.033	8.051E-16
109	2.95385	INV_SLV	Combination	Max			0.	-8.424	2.878E-16	-0.033	9.267E-16
109	3.44615	INV_SLV	Combination	Max			0.	10.618	2.878E-16	-0.033	1.052E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
109	3.93846	INV_SLV	Combination	Max			0.	29.66	2.878E-16	-0.033	1.180E-15
109	4.43077	INV_SLV	Combination	Max			0.	48.701	2.878E-16	-0.033	1.310E-15
109	4.92308	INV_SLV	Combination	Max			0.	67.743	2.878E-16	-0.033	1.442E-15
109	5.41538	INV_SLV	Combination	Max			0.	86.785	2.878E-16	-0.033	1.574E-15
109	5.90769	INV_SLV	Combination	Max			0.	105.827	2.878E-16	-0.033	1.708E-15
109	6.4	INV_SLV	Combination	Max			0.	124.869	2.878E-16	-0.033	1.841E-15
109	0.	INV_SLV	Combination	Min			0.	-133.685	-2.791E-16	-2.9819	-3.923E-16
109	0.49231	INV_SLV	Combination	Min			0.	-114.643	-2.791E-16	-2.9819	-4.189E-16
109	0.98462	INV_SLV	Combination	Min			0.	-95.601	-2.791E-16	-2.9819	-4.857E-16
109	1.47692	INV_SLV	Combination	Min			0.	-76.559	-2.791E-16	-2.9819	-5.794E-16
109	1.96923	INV_SLV	Combination	Min			0.	-57.517	-2.791E-16	-2.9819	-6.894E-16
109	2.46154	INV_SLV	Combination	Min			0.	-38.476	-2.791E-16	-2.9819	-8.091E-16
109	2.95385	INV_SLV	Combination	Min			0.	-19.434	-2.791E-16	-2.9819	-9.349E-16
109	3.44615	INV_SLV	Combination	Min			0.	-0.392	-2.791E-16	-2.9819	-1.065E-15
109	3.93846	INV_SLV	Combination	Min			0.	18.65	-2.791E-16	-2.9819	-1.197E-15
109	4.43077	INV_SLV	Combination	Min			0.	37.692	-2.791E-16	-2.9819	-1.331E-15
109	4.92308	INV_SLV	Combination	Min			0.	56.733	-2.791E-16	-2.9819	-1.467E-15
109	5.41538	INV_SLV	Combination	Min			0.	75.775	-2.791E-16	-2.9819	-1.604E-15
109	5.90769	INV_SLV	Combination	Min			0.	94.817	-2.791E-16	-2.9819	-1.741E-15
109	6.4	INV_SLV	Combination	Min			0.	113.859	-2.791E-16	-2.9819	-1.880E-15
110	0.	INV_SLU	Combination	Max			0.	-22.191	-2.255E-18	-12.8381	-4.163E-17
110	0.5	INV_SLU	Combination	Max			0.	-19.267	-2.255E-18	-12.8381	-3.530E-17
110	1.	INV_SLU	Combination	Max			0.	-16.343	-2.255E-18	-12.8381	-2.897E-17
110	1.5	INV_SLU	Combination	Max			0.	-13.419	-2.255E-18	-12.8381	-2.264E-17
110	2.	INV_SLU	Combination	Max			0.	-10.494	-2.255E-18	-12.8381	-1.631E-17
110	2.5	INV_SLU	Combination	Max			0.	-7.57	-2.255E-18	-12.8381	-9.975E-18
110	3.	INV_SLU	Combination	Max			0.	-4.646	-2.255E-18	-12.8381	-3.643E-18
110	3.5	INV_SLU	Combination	Max			0.	-1.722	-2.255E-18	-12.8381	2.689E-18
110	4.	INV_SLU	Combination	Max			0.	1.202	-2.255E-18	-12.8381	9.021E-18
110	4.5	INV_SLU	Combination	Max			0.	4.126	-2.255E-18	-12.8381	1.535E-17
110	5.	INV_SLU	Combination	Max			0.	7.05	-2.255E-18	-12.8381	2.168E-17
110	5.5	INV_SLU	Combination	Max			0.	9.975	-2.255E-18	-12.8381	2.802E-17
110	6.	INV_SLU	Combination	Max			0.	12.899	-2.255E-18	-12.8381	3.435E-17
110	0.	INV_SLU	Combination	Min			0.	-24.535	-1.370E-17	-17.7334	-5.412E-17
110	0.5	INV_SLU	Combination	Min			0.	-21.611	-1.370E-17	-17.7334	-5.039E-17
110	1.	INV_SLU	Combination	Min			0.	-18.687	-1.370E-17	-17.7334	-4.666E-17
110	1.5	INV_SLU	Combination	Min			0.	-15.763	-1.370E-17	-17.7334	-4.293E-17
110	2.	INV_SLU	Combination	Min			0.	-12.839	-1.370E-17	-17.7334	-3.920E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
110	2.5	INV_SLU	Combination	Min			0.	-9.914	-1.370E-17	-17.7334	-3.600E-17
110	3.	INV_SLU	Combination	Min			0.	-6.99	-1.370E-17	-17.7334	-3.487E-17
110	3.5	INV_SLU	Combination	Min			0.	-4.066	-1.370E-17	-17.7334	-3.374E-17
110	4.	INV_SLU	Combination	Min			0.	-1.142	-1.370E-17	-17.7334	-3.261E-17
110	4.5	INV_SLU	Combination	Min			0.	1.782	-1.370E-17	-17.7334	-3.149E-17
110	5.	INV_SLU	Combination	Min			0.	4.706	-1.370E-17	-17.7334	-3.036E-17
110	5.5	INV_SLU	Combination	Min			0.	7.63	-1.370E-17	-17.7334	-2.923E-17
110	6.	INV_SLU	Combination	Min			0.	10.554	-1.370E-17	-17.7334	-2.810E-17
110	0.	INV_SLV	Combination	Max			0.	0.784	5.916E-16	-7.8388	1.391E-15
110	0.5	INV_SLV	Combination	Max			0.	3.034	5.916E-16	-7.8388	1.138E-15
110	1.	INV_SLV	Combination	Max			0.	5.283	5.916E-16	-7.8388	8.982E-16
110	1.5	INV_SLV	Combination	Max			0.	7.532	5.916E-16	-7.8388	6.904E-16
110	2.	INV_SLV	Combination	Max			0.	9.782	5.916E-16	-7.8388	5.525E-16
110	2.5	INV_SLV	Combination	Max			0.	12.031	5.916E-16	-7.8388	4.956E-16
110	3.	INV_SLV	Combination	Max			0.	14.28	5.916E-16	-7.8388	7.008E-16
110	3.5	INV_SLV	Combination	Max			0.	16.53	5.916E-16	-7.8388	9.705E-16
110	4.	INV_SLV	Combination	Max			0.	18.779	5.916E-16	-7.8388	1.251E-15
110	4.5	INV_SLV	Combination	Max			0.	21.028	5.916E-16	-7.8388	1.537E-15
110	5.	INV_SLV	Combination	Max			0.	23.278	5.916E-16	-7.8388	1.826E-15
110	5.5	INV_SLV	Combination	Max			0.	25.527	5.916E-16	-7.8388	2.118E-15
110	6.	INV_SLV	Combination	Max			0.	27.776	5.916E-16	-7.8388	2.411E-15
110	0.	INV_SLV	Combination	Min			0.	-35.638	-5.951E-16	-9.5588	-1.419E-15
110	0.5	INV_SLV	Combination	Min			0.	-33.389	-5.951E-16	-9.5588	-1.164E-15
110	1.	INV_SLV	Combination	Min			0.	-31.14	-5.951E-16	-9.5588	-9.225E-16
110	1.5	INV_SLV	Combination	Min			0.	-28.89	-5.951E-16	-9.5588	-7.130E-16
110	2.	INV_SLV	Combination	Min			0.	-26.641	-5.951E-16	-9.5588	-5.733E-16
110	2.5	INV_SLV	Combination	Min			0.	-24.392	-5.951E-16	-9.5588	-5.147E-16
110	3.	INV_SLV	Combination	Min			0.	-22.142	-5.951E-16	-9.5588	-7.182E-16
110	3.5	INV_SLV	Combination	Min			0.	-19.893	-5.951E-16	-9.5588	-9.861E-16
110	4.	INV_SLV	Combination	Min			0.	-17.644	-5.951E-16	-9.5588	-1.265E-15
110	4.5	INV_SLV	Combination	Min			0.	-15.394	-5.951E-16	-9.5588	-1.549E-15
110	5.	INV_SLV	Combination	Min			0.	-13.145	-5.951E-16	-9.5588	-1.837E-15
110	5.5	INV_SLV	Combination	Min			0.	-10.896	-5.951E-16	-9.5588	-2.127E-15
110	6.	INV_SLV	Combination	Min			0.	-8.646	-5.951E-16	-9.5588	-2.418E-15
111	0.	INV_SLU	Combination	Max			0.	20.979	1.887E-16	71.8708	4.996E-16
111	0.45	INV_SLU	Combination	Max			0.	23.611	1.887E-16	71.8708	7.144E-16
111	0.9	INV_SLU	Combination	Max			0.	26.243	1.887E-16	71.8708	9.293E-16
111	1.35	INV_SLU	Combination	Max			0.	28.875	1.887E-16	71.8708	1.144E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
111	1.8	INV_SLU	Combination	Max			0.	31.506	1.887E-16	71.8708	1.359E-15
111	0.	INV_SLU	Combination	Min			0.	10.413	-5.107E-16	53.2455	0.
111	0.45	INV_SLU	Combination	Min			0.	13.045	-5.107E-16	53.2455	4.996E-17
111	0.9	INV_SLU	Combination	Min			0.	15.677	-5.107E-16	53.2455	-3.331E-18
111	1.35	INV_SLU	Combination	Min			0.	18.308	-5.107E-16	53.2455	-8.826E-17
111	1.8	INV_SLU	Combination	Min			0.	20.94	-5.107E-16	53.2455	-1.732E-16
111	0.	INV_SLV	Combination	Max			0.	85.095	1.307E-14	37.9872	4.377E-15
111	0.45	INV_SLV	Combination	Max			0.	87.119	1.307E-14	37.9872	4.487E-15
111	0.9	INV_SLV	Combination	Max			0.	89.144	1.307E-14	37.9872	8.089E-15
111	1.35	INV_SLV	Combination	Max			0.	91.168	1.307E-14	37.9872	1.396E-14
111	1.8	INV_SLV	Combination	Max			0.	93.193	1.307E-14	37.9872	1.995E-14
111	0.	INV_SLV	Combination	Min			0.	-71.317	-1.330E-14	34.2623	-4.155E-15
111	0.45	INV_SLV	Combination	Min			0.	-69.293	-1.330E-14	34.2623	-4.165E-15
111	0.9	INV_SLV	Combination	Min			0.	-67.269	-1.330E-14	34.2623	-7.667E-15
111	1.35	INV_SLV	Combination	Min			0.	-65.244	-1.330E-14	34.2623	-1.344E-14
111	1.8	INV_SLV	Combination	Min			0.	-63.22	-1.330E-14	34.2623	-1.933E-14
112	0.	INV_SLU	Combination	Max			0.	-68.566	-2.255E-18	16.2996	-4.163E-17
112	0.5	INV_SLU	Combination	Max			0.	-58.142	-2.255E-18	16.2996	-3.530E-17
112	1.	INV_SLU	Combination	Max			0.	-47.718	-2.255E-18	16.2996	-2.897E-17
112	1.5	INV_SLU	Combination	Max			0.	-37.294	-2.255E-18	16.2996	-2.264E-17
112	2.	INV_SLU	Combination	Max			0.	-26.869	-2.255E-18	16.2996	-1.631E-17
112	2.5	INV_SLU	Combination	Max			0.	-16.445	-2.255E-18	16.2996	-9.975E-18
112	3.	INV_SLU	Combination	Max			0.	-6.021	-2.255E-18	16.2996	-3.643E-18
112	3.5	INV_SLU	Combination	Max			0.	4.403	-2.255E-18	16.2996	2.689E-18
112	4.	INV_SLU	Combination	Max			0.	14.827	-2.255E-18	16.2996	9.021E-18
112	4.5	INV_SLU	Combination	Max			0.	25.251	-2.255E-18	16.2996	1.535E-17
112	5.	INV_SLU	Combination	Max			0.	35.675	-2.255E-18	16.2996	2.168E-17
112	5.5	INV_SLU	Combination	Max			0.	46.1	-2.255E-18	16.2996	2.802E-17
112	6.	INV_SLU	Combination	Max			0.	56.524	-2.255E-18	16.2996	3.435E-17
112	0.	INV_SLU	Combination	Min			0.	-70.441	-1.370E-17	12.1173	-5.412E-17
112	0.5	INV_SLU	Combination	Min			0.	-60.016	-1.370E-17	12.1173	-5.039E-17
112	1.	INV_SLU	Combination	Min			0.	-49.592	-1.370E-17	12.1173	-4.666E-17
112	1.5	INV_SLU	Combination	Min			0.	-39.168	-1.370E-17	12.1173	-4.293E-17
112	2.	INV_SLU	Combination	Min			0.	-28.744	-1.370E-17	12.1173	-3.920E-17
112	2.5	INV_SLU	Combination	Min			0.	-18.32	-1.370E-17	12.1173	-3.600E-17
112	3.	INV_SLU	Combination	Min			0.	-7.896	-1.370E-17	12.1173	-3.487E-17
112	3.5	INV_SLU	Combination	Min			0.	2.528	-1.370E-17	12.1173	-3.374E-17
112	4.	INV_SLU	Combination	Min			0.	12.953	-1.370E-17	12.1173	-3.261E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
112	4.5	INV_SLU	Combination	Min			0.	23.377	-1.370E-17	12.1173	-3.149E-17
112	5.	INV_SLU	Combination	Min			0.	33.801	-1.370E-17	12.1173	-3.036E-17
112	5.5	INV_SLU	Combination	Min			0.	44.225	-1.370E-17	12.1173	-2.923E-17
112	6.	INV_SLU	Combination	Min			0.	54.649	-1.370E-17	12.1173	-2.810E-17
112	0.	INV_SLV	Combination	Max			0.	-26.921	5.916E-16	9.4032	1.391E-15
112	0.5	INV_SLV	Combination	Max			0.	-19.671	5.916E-16	9.4032	1.138E-15
112	1.	INV_SLV	Combination	Max			0.	-12.422	5.916E-16	9.4032	8.982E-16
112	1.5	INV_SLV	Combination	Max			0.	-5.173	5.916E-16	9.4032	6.904E-16
112	2.	INV_SLV	Combination	Max			0.	2.077	5.916E-16	9.4032	5.525E-16
112	2.5	INV_SLV	Combination	Max			0.	9.326	5.916E-16	9.4032	4.956E-16
112	3.	INV_SLV	Combination	Max			0.	16.575	5.916E-16	9.4032	7.008E-16
112	3.5	INV_SLV	Combination	Max			0.	23.825	5.916E-16	9.4032	9.705E-16
112	4.	INV_SLV	Combination	Max			0.	31.074	5.916E-16	9.4032	1.251E-15
112	4.5	INV_SLV	Combination	Max			0.	38.323	5.916E-16	9.4032	1.537E-15
112	5.	INV_SLV	Combination	Max			0.	45.573	5.916E-16	9.4032	1.826E-15
112	5.5	INV_SLV	Combination	Max			0.	52.822	5.916E-16	9.4032	2.118E-15
112	6.	INV_SLV	Combination	Max			0.	60.071	5.916E-16	9.4032	2.411E-15
112	0.	INV_SLV	Combination	Min			0.	-69.876	-5.951E-16	7.0094	-1.419E-15
112	0.5	INV_SLV	Combination	Min			0.	-62.626	-5.951E-16	7.0094	-1.164E-15
112	1.	INV_SLV	Combination	Min			0.	-55.377	-5.951E-16	7.0094	-9.225E-16
112	1.5	INV_SLV	Combination	Min			0.	-48.128	-5.951E-16	7.0094	-7.130E-16
112	2.	INV_SLV	Combination	Min			0.	-40.878	-5.951E-16	7.0094	-5.733E-16
112	2.5	INV_SLV	Combination	Min			0.	-33.629	-5.951E-16	7.0094	-5.147E-16
112	3.	INV_SLV	Combination	Min			0.	-26.38	-5.951E-16	7.0094	-7.182E-16
112	3.5	INV_SLV	Combination	Min			0.	-19.13	-5.951E-16	7.0094	-9.861E-16
112	4.	INV_SLV	Combination	Min			0.	-11.881	-5.951E-16	7.0094	-1.265E-15
112	4.5	INV_SLV	Combination	Min			0.	-4.632	-5.951E-16	7.0094	-1.549E-15
112	5.	INV_SLV	Combination	Min			0.	2.618	-5.951E-16	7.0094	-1.837E-15
112	5.5	INV_SLV	Combination	Min			0.	9.867	-5.951E-16	7.0094	-2.127E-15
112	6.	INV_SLV	Combination	Min			0.	17.116	-5.951E-16	7.0094	-2.418E-15
116	0.	INV_SLU	Combination	Max			0.	0.617	7.994E-15	-1.9321	2.665E-15
116	0.33333	INV_SLU	Combination	Max			0.	2.567	7.994E-15	-1.9321	1.579E-15
116	0.66667	INV_SLU	Combination	Max			0.	4.516	7.994E-15	-1.9321	2.467E-15
116	0.66667	INV_SLU	Combination	Max			0.	-3.218	-2.623E-15	-0.7515	-1.477E-15
116	1.	INV_SLU	Combination	Max			0.	-1.269	-2.623E-15	-0.7515	2.964E-15
116	1.33333	INV_SLU	Combination	Max			0.	0.68	-2.623E-15	-0.7515	7.405E-15
116	1.33333	INV_SLU	Combination	Max			0.	1.407	1.066E-14	-0.0194	1.483E-15
116	1.66667	INV_SLU	Combination	Max			0.	3.356	1.066E-14	-0.0194	1.479E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
116	2.	INV_SLU	Combination	Max			0.	5.306	1.066E-14	-0.0194	1.475E-15
116	2.	INV_SLU	Combination	Max			0.	-3.855	0.	0.2266	-5.357E-16
116	2.4	INV_SLU	Combination	Max			0.	-1.515	0.	0.2266	-2.776E-18
116	2.8	INV_SLU	Combination	Max			0.	0.824	0.	0.2266	5.301E-16
116	3.2	INV_SLU	Combination	Max			0.	3.163	0.	0.2266	1.063E-15
116	3.6	INV_SLU	Combination	Max			0.	5.503	0.	0.2266	1.596E-15
116	3.6	INV_SLU	Combination	Max			0.	-9.895	-1.226E-16	1.606	-1.128E-18
116	4.06667	INV_SLU	Combination	Max			0.	-7.166	-1.226E-16	1.606	5.611E-17
116	4.53333	INV_SLU	Combination	Max			0.	-4.437	-1.226E-16	1.606	1.133E-16
116	5.	INV_SLU	Combination	Max			0.	-1.708	-1.226E-16	1.606	1.706E-16
116	5.46667	INV_SLU	Combination	Max			0.	1.021	-1.226E-16	1.606	2.278E-16
116	5.93333	INV_SLU	Combination	Max			0.	3.751	-1.226E-16	1.606	2.850E-16
116	6.4	INV_SLU	Combination	Max			0.	6.48	-1.226E-16	1.606	3.423E-16
116	0.	INV_SLU	Combination	Min			0.	0.245	-2.665E-15	-3.1865	4.163E-17
116	0.33333	INV_SLU	Combination	Min			0.	2.194	-2.665E-15	-3.1865	0.
116	0.66667	INV_SLU	Combination	Min			0.	4.144	-2.665E-15	-3.1865	-2.665E-15
116	0.66667	INV_SLU	Combination	Min			0.	-4.093	-1.332E-14	-1.3487	-2.149E-15
116	1.	INV_SLU	Combination	Min			0.	-2.143	-1.332E-14	-1.3487	-1.269E-15
116	1.33333	INV_SLU	Combination	Min			0.	-0.194	-1.332E-14	-1.3487	-3.893E-16
116	1.33333	INV_SLU	Combination	Min			0.	-0.398	1.249E-17	-0.0951	8.105E-16
116	1.66667	INV_SLU	Combination	Min			0.	1.551	1.249E-17	-0.0951	-2.742E-15
116	2.	INV_SLU	Combination	Min			0.	3.501	1.249E-17	-0.0951	-6.295E-15
116	2.	INV_SLU	Combination	Min			0.	-9.799	-1.332E-15	0.1736	-7.147E-16
116	2.4	INV_SLU	Combination	Min			0.	-7.46	-1.332E-15	0.1736	-7.147E-16
116	2.8	INV_SLU	Combination	Min			0.	-5.121	-1.332E-15	0.1736	-7.147E-16
116	3.2	INV_SLU	Combination	Min			0.	-2.782	-1.332E-15	0.1736	-7.147E-16
116	3.6	INV_SLU	Combination	Min			0.	-0.442	-1.332E-15	0.1736	-7.147E-16
116	3.6	INV_SLU	Combination	Min			0.	-10.258	-1.226E-16	0.9925	-3.342E-16
116	4.06667	INV_SLU	Combination	Min			0.	-7.529	-1.226E-16	0.9925	-2.770E-16
116	4.53333	INV_SLU	Combination	Min			0.	-4.799	-1.226E-16	0.9925	-2.197E-16
116	5.	INV_SLU	Combination	Min			0.	-2.07	-1.226E-16	0.9925	-1.625E-16
116	5.46667	INV_SLU	Combination	Min			0.	0.659	-1.226E-16	0.9925	-1.053E-16
116	5.93333	INV_SLU	Combination	Min			0.	3.388	-1.226E-16	0.9925	-4.802E-17
116	6.4	INV_SLU	Combination	Min			0.	6.117	-1.226E-16	0.9925	9.211E-18
116	0.	INV_SLV	Combination	Max			0.	25.628	3.335E-14	3.0293	2.543E-14
116	0.33333	INV_SLV	Combination	Max			0.	27.128	3.335E-14	3.0293	3.339E-14
116	0.66667	INV_SLV	Combination	Max			0.	28.627	3.335E-14	3.0293	4.258E-14
116	0.66667	INV_SLV	Combination	Max			0.	9.455	8.525E-15	1.9106	4.852E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
116	1.	INV_SLV	Combination	Max			0.	10.955	8.525E-15	1.9106	8.670E-15
116	1.33333	INV_SLV	Combination	Max			0.	12.455	8.525E-15	1.9106	1.265E-14
116	1.33333	INV_SLV	Combination	Max			0.	35.669	6.952E-14	1.4469	4.348E-15
116	1.66667	INV_SLV	Combination	Max			0.	37.169	6.952E-14	1.4469	2.242E-14
116	2.	INV_SLV	Combination	Max			0.	38.668	6.952E-14	1.4469	4.552E-14
116	2.	INV_SLV	Combination	Max			0.	104.349	3.733E-16	1.4712	7.071E-15
116	2.4	INV_SLV	Combination	Max			0.	106.148	3.733E-16	1.4712	6.982E-15
116	2.8	INV_SLV	Combination	Max			0.	107.948	3.733E-16	1.4712	7.026E-15
116	3.2	INV_SLV	Combination	Max			0.	109.747	3.733E-16	1.4712	7.115E-15
116	3.6	INV_SLV	Combination	Max			0.	111.547	3.733E-16	1.4712	7.204E-15
116	3.6	INV_SLV	Combination	Max			0.	2.33	1.677E-15	3.0692	2.834E-16
116	4.06667	INV_SLV	Combination	Max			0.	4.43	1.677E-15	3.0692	8.865E-16
116	4.53333	INV_SLV	Combination	Max			0.	6.529	1.677E-15	3.0692	1.717E-15
116	5.	INV_SLV	Combination	Max			0.	8.628	1.677E-15	3.0692	2.566E-15
116	5.46667	INV_SLV	Combination	Max			0.	10.728	1.677E-15	3.0692	3.420E-15
116	5.93333	INV_SLV	Combination	Max			0.	12.827	1.677E-15	3.0692	4.276E-15
116	6.4	INV_SLV	Combination	Max			0.	14.926	1.677E-15	3.0692	5.133E-15
116	0.	INV_SLV	Combination	Min			0.	-26.363	-3.690E-14	-6.0742	-2.543E-14
116	0.33333	INV_SLV	Combination	Min			0.	-24.864	-3.690E-14	-6.0742	-3.220E-14
116	0.66667	INV_SLV	Combination	Min			0.	-23.364	-3.690E-14	-6.0742	-4.021E-14
116	0.66667	INV_SLV	Combination	Min			0.	-14.638	-1.208E-14	-3.1766	-6.851E-15
116	1.	INV_SLV	Combination	Min			0.	-13.138	-1.208E-14	-3.1766	-9.484E-15
116	1.33333	INV_SLV	Combination	Min			0.	-11.638	-1.208E-14	-3.1766	-1.227E-14
116	1.33333	INV_SLV	Combination	Min			0.	-35.705	-6.952E-14	-1.5108	-3.238E-15
116	1.66667	INV_SLV	Combination	Min			0.	-34.205	-6.952E-14	-1.5108	-2.131E-14
116	2.	INV_SLV	Combination	Min			0.	-32.706	-6.952E-14	-1.5108	-4.441E-14
116	2.	INV_SLV	Combination	Min			0.	-113.052	-3.733E-16	-1.2251	-7.793E-15
116	2.4	INV_SLV	Combination	Min			0.	-111.252	-3.733E-16	-1.2251	-7.703E-15
116	2.8	INV_SLV	Combination	Min			0.	-109.453	-3.733E-16	-1.2251	-7.747E-15
116	3.2	INV_SLV	Combination	Min			0.	-107.653	-3.733E-16	-1.2251	-7.836E-15
116	3.6	INV_SLV	Combination	Min			0.	-105.854	-3.733E-16	-1.2251	-7.926E-15
116	3.6	INV_SLV	Combination	Min			0.	-17.753	-1.840E-15	-1.5324	-2.851E-16
116	4.06667	INV_SLV	Combination	Min			0.	-15.654	-1.840E-15	-1.5324	-8.121E-16
116	4.53333	INV_SLV	Combination	Min			0.	-13.554	-1.840E-15	-1.5324	-1.567E-15
116	5.	INV_SLV	Combination	Min			0.	-11.455	-1.840E-15	-1.5324	-2.340E-15
116	5.46667	INV_SLV	Combination	Min			0.	-9.356	-1.840E-15	-1.5324	-3.117E-15
116	5.93333	INV_SLV	Combination	Min			0.	-7.256	-1.840E-15	-1.5324	-3.897E-15
116	6.4	INV_SLV	Combination	Min			0.	-5.157	-1.840E-15	-1.5324	-4.678E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
124	0.	INV_SLU	Combination	Max			-162.797	-17.372	-31.526	-0.0242	-62.955
124	1.75	INV_SLU	Combination	Max			-152.563	-22.622	-37.873	-0.0242	1.8736
124	3.5	INV_SLU	Combination	Max			-142.328	-23.486	-38.422	-0.0242	99.6522
124	0.	INV_SLU	Combination	Min			-220.665	-24.543	-55.067	-0.0589	-94.4939
124	1.75	INV_SLU	Combination	Min			-210.431	-24.543	-55.067	-0.0589	-2.231
124	3.5	INV_SLU	Combination	Min			-200.196	-27.872	-58.546	-0.0589	67.249
124	0.	INV_SLV	Combination	Max			-101.242	13.602	-17.466	1.118	-31.2776
124	1.75	INV_SLV	Combination	Max			-93.37	13.602	-17.466	1.118	0.8613
124	3.5	INV_SLV	Combination	Max			-85.497	13.602	-17.466	1.118	61.6833
124	0.	INV_SLV	Combination	Min			-127.654	-47.37	-34.764	-1.1625	-59.994
124	1.75	INV_SLV	Combination	Min			-119.782	-47.37	-34.764	-1.1625	-0.73
124	3.5	INV_SLV	Combination	Min			-111.909	-47.37	-34.764	-1.1625	29.8508
125	0.	INV_SLU	Combination	Max			-332.044	-2.785	7.712	-0.0242	12.751
125	1.75	INV_SLU	Combination	Max			-321.81	-13.285	7.712	-0.0242	-0.1974
125	3.5	INV_SLU	Combination	Max			-311.575	-14.989	7.712	-0.0242	-9.7429
125	0.	INV_SLU	Combination	Min			-474.807	-16.762	5.455	-0.0589	9.3149
125	1.75	INV_SLU	Combination	Min			-464.572	-16.762	5.455	-0.0589	-0.7655
125	3.5	INV_SLU	Combination	Min			-454.338	-23.785	5.455	-0.0589	-14.2622
125	0.	INV_SLV	Combination	Max			-216.216	14.315	15.68	1.118	26.7496
125	1.75	INV_SLV	Combination	Max			-208.343	14.315	15.68	1.118	0.3002
125	3.5	INV_SLV	Combination	Max			-200.471	14.315	15.68	1.118	14.8793
125	0.	INV_SLV	Combination	Min			-244.247	-36.717	-8.333	-1.1625	-14.2876
125	1.75	INV_SLV	Combination	Min			-236.374	-36.717	-8.333	-1.1625	-0.6944
125	3.5	INV_SLV	Combination	Min			-228.501	-36.717	-8.333	-1.1625	-28.1298
126	0.	INV_SLU	Combination	Max			-310.052	-2.312	-1.271	-0.0242	-2.1094
126	1.75	INV_SLU	Combination	Max			-299.817	-12.812	-1.271	-0.0242	0.2666
126	3.5	INV_SLU	Combination	Max			-289.583	-14.643	-1.271	-0.0242	3.9338
126	0.	INV_SLU	Combination	Min			-440.194	-16.311	-2.096	-0.0589	-3.4006
126	1.75	INV_SLU	Combination	Min			-429.959	-16.311	-2.096	-0.0589	0.1151
126	3.5	INV_SLU	Combination	Min			-419.725	-23.312	-2.096	-0.0589	2.3395
126	0.	INV_SLV	Combination	Max			-204.915	10.071	10.428	1.118	17.8301
126	1.75	INV_SLV	Combination	Max			-197.042	10.071	10.428	1.118	0.6263
126	3.5	INV_SLV	Combination	Max			-189.17	10.071	10.428	1.118	22.2493
126	0.	INV_SLV	Combination	Min			-224.531	-31.967	-12.36	-1.1625	-21.0113
126	1.75	INV_SLV	Combination	Min			-216.658	-31.967	-12.36	-1.1625	-0.4271
126	3.5	INV_SLV	Combination	Min			-208.786	-31.967	-12.36	-1.1625	-18.6698
127	0.	INV_SLU	Combination	Max			-315.768	-1.732	-0.503	-0.0242	-1.0699
127	1.75	INV_SLU	Combination	Max			-305.533	-12.232	-0.503	-0.0242	-0.1785

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
127	3.5	INV_SLU	Combination	Max			-295.299	-14.12	-0.503	-0.0242	1.5103
127	0.	INV_SLU	Combination	Min			-449.374	-15.686	-0.969	-0.0589	-1.881
127	1.75	INV_SLU	Combination	Min			-439.14	-15.686	-0.969	-0.0589	-0.1916
127	3.5	INV_SLU	Combination	Min			-428.905	-22.732	-0.969	-0.0589	0.6921
127	0.	INV_SLV	Combination	Max			-206.234	5.976	11.645	1.118	19.7093
127	1.75	INV_SLV	Combination	Max			-198.361	5.976	11.645	1.118	0.4581
127	3.5	INV_SLV	Combination	Max			-190.489	5.976	11.645	1.118	22.3612
127	0.	INV_SLV	Combination	Min			-231.238	-27.086	-12.527	-1.1625	-21.485
127	1.75	INV_SLV	Combination	Min			-223.365	-27.086	-12.527	-1.1625	-0.6905
127	3.5	INV_SLV	Combination	Min			-215.492	-27.086	-12.527	-1.1625	-21.0503
128	0.	INV_SLU	Combination	Max			-23.559	3.777	5.027	4.5638	21.2052
128	0.7	INV_SLU	Combination	Max			-19.465	0.992	5.027	4.5638	17.6866
128	0.7	INV_SLU	Combination	Max			-49.623	5.995	4.363	-2.4287	7.6435
128	1.4	INV_SLU	Combination	Max			-45.53	4.585	4.363	-2.4287	4.5894
128	1.4	INV_SLU	Combination	Max			-71.099	5.255	4.28	-1.9825	1.2353
128	1.75	INV_SLU	Combination	Max			-69.052	3.995	4.28	-1.9825	-0.0257
128	2.1	INV_SLU	Combination	Max			-67.005	3.802	4.28	-1.9825	-1.0955
128	2.1	INV_SLU	Combination	Max			-95.787	7.503	4.533	-2.3881	-3.4742
128	2.8	INV_SLU	Combination	Max			-91.694	5.953	4.533	-2.3881	-5.7268
128	2.8	INV_SLU	Combination	Max			-131.793	13.308	5.308	4.7899	-12.6624
128	3.5	INV_SLU	Combination	Max			-127.699	11.827	5.308	4.7899	-15.2798
128	0.	INV_SLU	Combination	Min			-49.391	0.294	3.597	3.4351	15.4896
128	0.7	INV_SLU	Combination	Min			-45.297	-0.423	3.597	3.4351	12.9716
128	0.7	INV_SLU	Combination	Min			-81.885	3.21	3.108	-3.4818	5.6105
128	1.4	INV_SLU	Combination	Min			-77.792	1.36	3.108	-3.4818	3.4349
128	1.4	INV_SLU	Combination	Min			-109.541	2.607	3.04	-2.7972	1.0328
128	1.75	INV_SLU	Combination	Min			-107.494	2.607	3.04	-2.7972	-0.2662
128	2.1	INV_SLU	Combination	Min			-105.447	0.83	3.04	-2.7972	-1.7608
128	2.1	INV_SLU	Combination	Min			-143.098	3.952	3.208	-3.307	-5.1523
128	2.8	INV_SLU	Combination	Min			-139.005	2.334	3.208	-3.307	-8.3214
128	2.8	INV_SLU	Combination	Min			-194.778	7.756	3.739	3.1934	-18.3252
128	3.5	INV_SLU	Combination	Min			-190.685	6.025	3.739	3.1934	-22.0411
128	0.	INV_SLV	Combination	Max			382.29	23.459	7.786	3.9881	24.2894
128	0.7	INV_SLV	Combination	Max			385.44	23.459	7.786	3.9881	18.9002
128	0.7	INV_SLV	Combination	Max			274.195	9.638	6.784	1.4845	8.8741
128	1.4	INV_SLV	Combination	Max			277.344	9.638	6.784	1.4845	4.2168
128	1.4	INV_SLV	Combination	Max			172.562	9.818	6.405	1.1597	1.6329
128	1.75	INV_SLV	Combination	Max			174.137	9.818	6.405	1.1597	0.7663

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
128	2.1	INV_SLV	Combination	Max			175.711	9.818	6.405	1.1597	1.5063
128	2.1	INV_SLV	Combination	Max			69.93	12.697	6.216	0.8901	1.1022
128	2.8	INV_SLV	Combination	Max			73.079	12.697	6.216	0.8901	2.3297
128	2.8	INV_SLV	Combination	Max			-37.268	22.327	6.316	5.1359	3.1299
128	3.5	INV_SLV	Combination	Max			-34.118	22.327	6.316	5.1359	3.9395
128	0.	INV_SLV	Combination	Min			-442.121	-23.388	-2.926	0.6478	-3.4358
128	0.7	INV_SLV	Combination	Min			-438.972	-23.388	-2.926	0.6478	-1.449
128	0.7	INV_SLV	Combination	Min			-361.737	-5.313	-2.586	-4.7607	-1.3062
128	1.4	INV_SLV	Combination	Min			-358.587	-5.313	-2.586	-4.7607	0.4126
128	1.4	INV_SLV	Combination	Min			-282.793	-6.304	-2.306	-3.8397	-0.2424
128	1.75	INV_SLV	Combination	Min			-281.218	-6.304	-2.306	-3.8397	-0.8104
128	2.1	INV_SLV	Combination	Min			-279.644	-6.304	-2.306	-3.8397	-2.9849
128	2.1	INV_SLV	Combination	Min			-207.84	-7.386	-1.898	-4.1153	-5.8012
128	2.8	INV_SLV	Combination	Min			-204.691	-7.386	-1.898	-4.1153	-10.0514
128	2.8	INV_SLV	Combination	Min			-144.611	-11.935	-1.284	-0.8126	-20.2097
128	3.5	INV_SLV	Combination	Min			-141.462	-11.935	-1.284	-0.8126	-24.5415
129	0.	INV_SLU	Combination	Max			-24.363	3.075	-5.011	-4.1106	-19.4857
129	0.7	INV_SLU	Combination	Max			-20.269	0.792	-5.011	-4.1106	-15.9782
129	0.7	INV_SLU	Combination	Max			-48.144	5.516	-4.463	4.0296	-7.4501
129	1.4	INV_SLU	Combination	Max			-44.05	4.199	-4.463	4.0296	-4.3263
129	1.4	INV_SLU	Combination	Max			-67.818	4.918	-4.389	3.4523	-1.6646
129	1.75	INV_SLU	Combination	Max			-65.771	3.658	-4.389	3.4523	0.1325
129	2.1	INV_SLU	Combination	Max			-63.724	3.488	-4.389	3.4523	2.3039
129	2.1	INV_SLU	Combination	Max			-90.621	7.102	-4.46	3.8729	6.2677
129	2.8	INV_SLU	Combination	Max			-86.527	5.582	-4.46	3.8729	10.692
129	2.8	INV_SLU	Combination	Max			-124.233	12.757	-5.	-3.9329	23.1321
129	3.5	INV_SLU	Combination	Max			-120.14	11.327	-5.	-3.9329	28.1216
129	0.	INV_SLU	Combination	Min			-45.641	0.259	-7.066	-5.5757	-27.3121
129	0.7	INV_SLU	Combination	Min			-41.548	-1.125	-7.066	-5.5757	-22.3656
129	0.7	INV_SLU	Combination	Min			-75.85	2.983	-6.301	2.7576	-10.3329
129	1.4	INV_SLU	Combination	Min			-71.757	0.98	-6.301	2.7576	-5.9221
129	1.4	INV_SLU	Combination	Min			-101.752	2.388	-6.204	2.3964	-2.0388
129	1.75	INV_SLU	Combination	Min			-99.705	2.388	-6.204	2.3964	-0.1286
129	2.1	INV_SLU	Combination	Min			-97.658	0.572	-6.204	2.3964	1.4074
129	2.1	INV_SLU	Combination	Min			-133.531	3.666	-6.32	2.7542	4.0856
129	2.8	INV_SLU	Combination	Min			-129.437	2.	-6.32	2.7542	7.2079
129	2.8	INV_SLU	Combination	Min			-182.833	7.347	-7.128	-6.0328	15.5762
129	3.5	INV_SLU	Combination	Min			-178.74	5.531	-7.128	-6.0328	19.0762

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
129	0.	INV_SLV	Combination	Max			284.288	13.922	3.112	-0.1722	3.6336
129	0.7	INV_SLV	Combination	Max			287.437	13.922	3.112	-0.1722	1.4761
129	0.7	INV_SLV	Combination	Max			203.311	6.903	2.504	5.0877	0.6994
129	1.4	INV_SLV	Combination	Max			206.46	6.903	2.504	5.0877	-0.9706
129	1.4	INV_SLV	Combination	Max			124.738	7.873	1.824	4.3832	-0.5145
129	1.75	INV_SLV	Combination	Max			126.312	7.873	1.824	4.3832	1.507
129	2.1	INV_SLV	Combination	Max			127.887	7.873	1.824	4.3832	4.2113
129	2.1	INV_SLV	Combination	Max			43.296	10.26	1.009	4.8234	7.7388
129	2.8	INV_SLV	Combination	Max			46.445	10.26	1.009	4.8234	12.703
129	2.8	INV_SLV	Combination	Max			-43.107	18.262	0.134	0.2198	24.9958
129	3.5	INV_SLV	Combination	Max			-39.958	18.262	0.134	0.2198	29.8719
129	0.	INV_SLV	Combination	Min			-338.298	-13.825	-9.983	-5.4693	-30.3036
129	0.7	INV_SLV	Combination	Min			-335.148	-13.825	-9.983	-5.4693	-23.3366
129	0.7	INV_SLV	Combination	Min			-283.719	-2.861	-8.623	-1.3016	-10.8593
129	1.4	INV_SLV	Combination	Min			-280.569	-2.861	-8.623	-1.3016	-4.9064
129	1.4	INV_SLV	Combination	Min			-226.905	-4.596	-7.841	-1.0936	-1.7152
129	1.75	INV_SLV	Combination	Min			-225.33	-4.596	-7.841	-1.0936	-1.6307
129	2.1	INV_SLV	Combination	Min			-223.756	-4.596	-7.841	-1.0936	-2.229
129	2.1	INV_SLV	Combination	Min			-171.993	-5.252	-7.125	-1.052	-2.0847
129	2.8	INV_SLV	Combination	Min			-168.844	-5.252	-7.125	-1.052	-2.7677
129	2.8	INV_SLV	Combination	Min			-127.701	-8.276	-6.991	-5.6474	-3.5657
129	3.5	INV_SLV	Combination	Min			-124.552	-8.276	-6.991	-5.6474	-3.6415
130	0.	INV_SLU	Combination	Max			-286.644	-2.965	-45.668	-0.0242	-89.5451
130	1.75	INV_SLU	Combination	Max			-276.41	-2.965	-58.363	-0.0242	9.1485
130	3.5	INV_SLU	Combination	Max			-266.175	-2.965	-59.455	-0.0242	170.2345
130	0.	INV_SLU	Combination	Min			-401.94	-3.897	-90.416	-0.0589	-149.08
130	1.75	INV_SLU	Combination	Min			-391.706	-3.897	-90.416	-0.0589	1.4821
130	3.5	INV_SLU	Combination	Min			-381.471	-3.897	-97.378	-0.0589	109.9623
130	0.	INV_SLV	Combination	Max			-196.002	53.574	-33.49	1.118	-55.275
130	1.75	INV_SLV	Combination	Max			-188.129	53.574	-33.49	1.118	4.6677
130	3.5	INV_SLV	Combination	Max			-180.256	53.574	-33.49	1.118	86.3258
130	0.	INV_SLV	Combination	Min			-203.671	-57.898	-46.67	-1.1625	-77.0226
130	1.75	INV_SLV	Combination	Min			-195.799	-57.898	-46.67	-1.1625	3.3153
130	3.5	INV_SLV	Combination	Min			-187.926	-57.898	-46.67	-1.1625	61.9379
131	0.	INV_SLU	Combination	Max			-602.141	-2.707	12.68	-0.0242	19.9758
131	1.75	INV_SLU	Combination	Max			-591.906	-2.707	12.68	-0.0242	-1.3434
131	3.5	INV_SLU	Combination	Max			-581.672	-2.707	12.68	-0.0242	-16.0634
131	0.	INV_SLU	Combination	Min			-881.904	-3.463	8.343	-0.0589	13.1189

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
131	1.75	INV_SLU	Combination	Min			-871.669	-3.463	8.343	-0.0589	-2.2967
131	3.5	INV_SLU	Combination	Min			-861.435	-3.463	8.343	-0.0589	-24.4146
131	0.	INV_SLV	Combination	Max			-412.133	44.81	14.92	1.118	24.7032
131	1.75	INV_SLV	Combination	Max			-404.261	44.81	14.92	1.118	-0.5936
131	3.5	INV_SLV	Combination	Max			-396.388	44.81	14.92	1.118	5.6844
131	0.	INV_SLV	Combination	Min			-414.623	-48.696	-3.59	-1.1625	-6.8795
131	1.75	INV_SLV	Combination	Min			-406.75	-48.696	-3.59	-1.1625	-1.4117
131	3.5	INV_SLV	Combination	Min			-398.877	-48.696	-3.59	-1.1625	-27.5187
132	0.	INV_SLU	Combination	Max			-562.039	-2.273	-1.929	-0.0242	-3.044
132	1.75	INV_SLU	Combination	Max			-551.804	-2.273	-1.929	-0.0242	0.5842
132	3.5	INV_SLU	Combination	Max			-541.57	-2.273	-1.929	-0.0242	6.234
132	0.	INV_SLU	Combination	Min			-819.8	-3.114	-3.228	-0.0589	-5.0655
132	1.75	INV_SLU	Combination	Min			-809.565	-3.114	-3.228	-0.0589	0.3319
132	3.5	INV_SLU	Combination	Min			-799.331	-3.114	-3.228	-0.0589	3.7078
132	0.	INV_SLV	Combination	Max			-385.503	36.574	7.363	1.118	12.71
132	1.75	INV_SLV	Combination	Max			-377.63	36.574	7.363	1.118	0.6913
132	3.5	INV_SLV	Combination	Max			-369.758	36.574	7.363	1.118	18.6226
132	0.	INV_SLV	Combination	Min			-385.869	-40.041	-10.25	-1.1625	-17.2524
132	1.75	INV_SLV	Combination	Min			-377.996	-40.041	-10.25	-1.1625	-0.1809
132	3.5	INV_SLV	Combination	Min			-370.123	-40.041	-10.25	-1.1625	-13.0595
133	0.	INV_SLU	Combination	Max			-568.765	-2.075	-0.137	-0.0242	-0.3425
133	1.75	INV_SLU	Combination	Max			-558.531	-2.075	-0.137	-0.0242	-0.0924
133	3.5	INV_SLU	Combination	Max			-548.296	-2.075	-0.137	-0.0242	0.756
133	0.	INV_SLU	Combination	Min			-829.868	-3.218	-0.513	-0.0589	-1.0396
133	1.75	INV_SLU	Combination	Min			-819.633	-3.218	-0.513	-0.0589	-0.1484
133	3.5	INV_SLU	Combination	Min			-809.399	-3.218	-0.513	-0.0589	0.1355
133	0.	INV_SLV	Combination	Max			-389.466	28.764	8.794	1.118	14.8683
133	1.75	INV_SLV	Combination	Max			-381.593	28.764	8.794	1.118	0.3935
133	3.5	INV_SLV	Combination	Max			-373.721	28.764	8.794	1.118	16.4997
133	0.	INV_SLV	Combination	Min			-390.914	-32.27	-9.206	-1.1625	-15.7226
133	1.75	INV_SLV	Combination	Min			-383.041	-32.27	-9.206	-1.1625	-0.5257
133	3.5	INV_SLV	Combination	Min			-375.168	-32.27	-9.206	-1.1625	-15.9099
134	0.	INV_SLU	Combination	Max			-532.45	-20.08	-0.352	-0.0242	-0.6399
134	1.75	INV_SLU	Combination	Max			-522.215	-20.08	-0.352	-0.0242	0.0045
134	3.5	INV_SLU	Combination	Max			-511.981	-20.08	-0.352	-0.0242	1.501
134	0.	INV_SLU	Combination	Min			-782.405	-28.053	-0.855	-0.0589	-1.4919
134	1.75	INV_SLU	Combination	Min			-772.17	-28.053	-0.855	-0.0589	-0.0245
134	3.5	INV_SLU	Combination	Min			-761.936	-28.053	-0.855	-0.0589	0.591

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
134	0.	INV_SLV	Combination	Max			-329.626	20.889	8.261	1.118	14.0596
134	1.75	INV_SLV	Combination	Max			-321.753	20.889	8.261	1.118	0.3892
134	3.5	INV_SLV	Combination	Max			-313.881	20.889	8.261	1.118	16.0651
134	0.	INV_SLV	Combination	Min			-399.497	-51.369	-8.962	-1.1625	-15.301
134	1.75	INV_SLV	Combination	Min			-391.624	-51.369	-8.962	-1.1625	-0.4052
134	3.5	INV_SLV	Combination	Min			-383.751	-51.369	-8.962	-1.1625	-14.8557
135	0.	INV_SLU	Combination	Max			-534.903	-18.508	-0.659	-0.0242	-1.1232
135	1.75	INV_SLU	Combination	Max			-524.669	-18.508	-0.659	-0.0242	0.0455
135	3.5	INV_SLU	Combination	Max			-514.434	-18.508	-0.659	-0.0242	2.1079
135	0.	INV_SLU	Combination	Min			-786.523	-26.57	-1.192	-0.0589	-2.0647
135	1.75	INV_SLU	Combination	Min			-776.288	-26.57	-1.192	-0.0589	0.0126
135	3.5	INV_SLU	Combination	Min			-766.054	-26.57	-1.192	-0.0589	1.1843
135	0.	INV_SLV	Combination	Max			-330.45	21.492	8.237	1.118	14.0089
135	1.75	INV_SLV	Combination	Max			-322.577	21.492	8.237	1.118	0.4746
135	3.5	INV_SLV	Combination	Max			-314.705	21.492	8.237	1.118	16.8734
135	0.	INV_SLV	Combination	Min			-402.069	-50.477	-9.375	-1.1625	-15.9393
135	1.75	INV_SLV	Combination	Min			-394.196	-50.477	-9.375	-1.1625	-0.4138
135	3.5	INV_SLV	Combination	Min			-386.323	-50.477	-9.375	-1.1625	-14.8213
136	0.	INV_SLU	Combination	Max			0.	-23.69	2.923E-17	-4.5383	9.229E-17
136	0.4875	INV_SLU	Combination	Max			0.	-20.839	2.923E-17	-4.5383	7.804E-17
136	0.975	INV_SLU	Combination	Max			0.	-17.988	2.923E-17	-4.5383	6.500E-17
136	1.4625	INV_SLU	Combination	Max			0.	-15.137	2.923E-17	-4.5383	5.760E-17
136	1.95	INV_SLU	Combination	Max			0.	-12.286	2.923E-17	-4.5383	5.020E-17
136	2.4375	INV_SLU	Combination	Max			0.	-9.435	2.923E-17	-4.5383	4.499E-17
136	2.925	INV_SLU	Combination	Max			0.	-6.584	2.923E-17	-4.5383	4.178E-17
136	3.4125	INV_SLU	Combination	Max			0.	-3.733	2.923E-17	-4.5383	3.857E-17
136	3.9	INV_SLU	Combination	Max			0.	-0.882	2.923E-17	-4.5383	3.535E-17
136	4.3875	INV_SLU	Combination	Max			0.	1.969	2.923E-17	-4.5383	3.214E-17
136	4.875	INV_SLU	Combination	Max			0.	4.82	2.923E-17	-4.5383	2.893E-17
136	5.3625	INV_SLU	Combination	Max			0.	7.671	2.923E-17	-4.5383	2.571E-17
136	5.85	INV_SLU	Combination	Max			0.	10.522	2.923E-17	-4.5383	2.250E-17
136	6.3375	INV_SLU	Combination	Max			0.	13.373	2.923E-17	-4.5383	1.929E-17
136	6.825	INV_SLU	Combination	Max			0.	16.224	2.923E-17	-4.5383	1.607E-17
136	7.3125	INV_SLU	Combination	Max			0.	19.075	2.923E-17	-4.5383	1.286E-17
136	7.8	INV_SLU	Combination	Max			0.	21.926	2.923E-17	-4.5383	9.645E-18
136	0.	INV_SLU	Combination	Min			0.	-24.353	6.592E-18	-7.2218	6.106E-17
136	0.4875	INV_SLU	Combination	Min			0.	-21.502	6.592E-18	-7.2218	5.379E-17
136	0.975	INV_SLU	Combination	Min			0.	-18.651	6.592E-18	-7.2218	4.652E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
136	1.4625	INV_SLU	Combination	Min			0.	-15.8	6.592E-18	-7.2218	3.924E-17
136	1.95	INV_SLU	Combination	Min			0.	-12.949	6.592E-18	-7.2218	3.197E-17
136	2.4375	INV_SLU	Combination	Min			0.	-10.098	6.592E-18	-7.2218	2.104E-17
136	2.925	INV_SLU	Combination	Min			0.	-7.247	6.592E-18	-7.2218	6.789E-18
136	3.4125	INV_SLU	Combination	Min			0.	-4.396	6.592E-18	-7.2218	-7.460E-18
136	3.9	INV_SLU	Combination	Min			0.	-1.545	6.592E-18	-7.2218	-2.171E-17
136	4.3875	INV_SLU	Combination	Min			0.	1.306	6.592E-18	-7.2218	-3.596E-17
136	4.875	INV_SLU	Combination	Min			0.	4.157	6.592E-18	-7.2218	-5.021E-17
136	5.3625	INV_SLU	Combination	Min			0.	7.008	6.592E-18	-7.2218	-6.446E-17
136	5.85	INV_SLU	Combination	Min			0.	9.859	6.592E-18	-7.2218	-7.871E-17
136	6.3375	INV_SLU	Combination	Min			0.	12.71	6.592E-18	-7.2218	-9.296E-17
136	6.825	INV_SLU	Combination	Min			0.	15.561	6.592E-18	-7.2218	-1.072E-16
136	7.3125	INV_SLU	Combination	Min			0.	18.412	6.592E-18	-7.2218	-1.215E-16
136	7.8	INV_SLU	Combination	Min			0.	21.263	6.592E-18	-7.2218	-1.357E-16
136	0.	INV_SLV	Combination	Max			0.	-3.372	1.216E-16	-2.7508	1.288E-15
136	0.4875	INV_SLV	Combination	Max			0.	-1.179	1.216E-16	-2.7508	1.239E-15
136	0.975	INV_SLV	Combination	Max			0.	1.014	1.216E-16	-2.7508	1.190E-15
136	1.4625	INV_SLV	Combination	Max			0.	3.207	1.216E-16	-2.7508	1.142E-15
136	1.95	INV_SLV	Combination	Max			0.	5.4	1.216E-16	-2.7508	1.094E-15
136	2.4375	INV_SLV	Combination	Max			0.	7.593	1.216E-16	-2.7508	1.047E-15
136	2.925	INV_SLV	Combination	Max			0.	9.786	1.216E-16	-2.7508	1.001E-15
136	3.4125	INV_SLV	Combination	Max			0.	11.98	1.216E-16	-2.7508	1.003E-15
136	3.9	INV_SLV	Combination	Max			0.	14.173	1.216E-16	-2.7508	1.013E-15
136	4.3875	INV_SLV	Combination	Max			0.	16.366	1.216E-16	-2.7508	1.024E-15
136	4.875	INV_SLV	Combination	Max			0.	18.559	1.216E-16	-2.7508	1.034E-15
136	5.3625	INV_SLV	Combination	Max			0.	20.752	1.216E-16	-2.7508	1.045E-15
136	5.85	INV_SLV	Combination	Max			0.	22.945	1.216E-16	-2.7508	1.057E-15
136	6.3375	INV_SLV	Combination	Max			0.	25.138	1.216E-16	-2.7508	1.068E-15
136	6.825	INV_SLV	Combination	Max			0.	27.331	1.216E-16	-2.7508	1.080E-15
136	7.3125	INV_SLV	Combination	Max			0.	29.524	1.216E-16	-2.7508	1.092E-15
136	7.8	INV_SLV	Combination	Max			0.	31.717	1.216E-16	-2.7508	1.104E-15
136	0.	INV_SLV	Combination	Min			0.	-32.709	-9.389E-17	-3.4926	-1.205E-15
136	0.4875	INV_SLV	Combination	Min			0.	-30.516	-9.389E-17	-3.4926	-1.169E-15
136	0.975	INV_SLV	Combination	Min			0.	-28.323	-9.389E-17	-3.4926	-1.134E-15
136	1.4625	INV_SLV	Combination	Min			0.	-26.13	-9.389E-17	-3.4926	-1.100E-15
136	1.95	INV_SLV	Combination	Min			0.	-23.937	-9.389E-17	-3.4926	-1.065E-15
136	2.4375	INV_SLV	Combination	Min			0.	-21.743	-9.389E-17	-3.4926	-1.031E-15
136	2.925	INV_SLV	Combination	Min			0.	-19.55	-9.389E-17	-3.4926	-9.992E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
136	3.4125	INV_SLV	Combination	Min			0.	-17.357	-9.389E-17	-3.4926	-1.014E-15
136	3.9	INV_SLV	Combination	Min			0.	-15.164	-9.389E-17	-3.4926	-1.038E-15
136	4.3875	INV_SLV	Combination	Min			0.	-12.971	-9.389E-17	-3.4926	-1.062E-15
136	4.875	INV_SLV	Combination	Min			0.	-10.778	-9.389E-17	-3.4926	-1.087E-15
136	5.3625	INV_SLV	Combination	Min			0.	-8.585	-9.389E-17	-3.4926	-1.111E-15
136	5.85	INV_SLV	Combination	Min			0.	-6.392	-9.389E-17	-3.4926	-1.136E-15
136	6.3375	INV_SLV	Combination	Min			0.	-4.199	-9.389E-17	-3.4926	-1.161E-15
136	6.825	INV_SLV	Combination	Min			0.	-2.005	-9.389E-17	-3.4926	-1.186E-15
136	7.3125	INV_SLV	Combination	Min			0.	0.188	-9.389E-17	-3.4926	-1.211E-15
136	7.8	INV_SLV	Combination	Min			0.	2.381	-9.389E-17	-3.4926	-1.237E-15
137	0.	INV_SLU	Combination	Max			0.	-23.388	2.923E-17	1.1991	9.229E-17
137	0.4875	INV_SLU	Combination	Max			0.	-20.537	2.923E-17	1.1991	7.804E-17
137	0.975	INV_SLU	Combination	Max			0.	-17.685	2.923E-17	1.1991	6.500E-17
137	1.4625	INV_SLU	Combination	Max			0.	-14.834	2.923E-17	1.1991	5.760E-17
137	1.95	INV_SLU	Combination	Max			0.	-11.983	2.923E-17	1.1991	5.020E-17
137	2.4375	INV_SLU	Combination	Max			0.	-9.132	2.923E-17	1.1991	4.499E-17
137	2.925	INV_SLU	Combination	Max			0.	-6.281	2.923E-17	1.1991	4.178E-17
137	3.4125	INV_SLU	Combination	Max			0.	-3.43	2.923E-17	1.1991	3.857E-17
137	3.9	INV_SLU	Combination	Max			0.	-0.579	2.923E-17	1.1991	3.535E-17
137	4.3875	INV_SLU	Combination	Max			0.	2.272	2.923E-17	1.1991	3.214E-17
137	4.875	INV_SLU	Combination	Max			0.	5.123	2.923E-17	1.1991	2.893E-17
137	5.3625	INV_SLU	Combination	Max			0.	7.974	2.923E-17	1.1991	2.571E-17
137	5.85	INV_SLU	Combination	Max			0.	10.825	2.923E-17	1.1991	2.250E-17
137	6.3375	INV_SLU	Combination	Max			0.	13.676	2.923E-17	1.1991	1.929E-17
137	6.825	INV_SLU	Combination	Max			0.	16.527	2.923E-17	1.1991	1.607E-17
137	7.3125	INV_SLU	Combination	Max			0.	19.378	2.923E-17	1.1991	1.286E-17
137	7.8	INV_SLU	Combination	Max			0.	22.229	2.923E-17	1.1991	9.645E-18
137	0.	INV_SLU	Combination	Min			0.	-24.58	6.592E-18	0.7707	6.106E-17
137	0.4875	INV_SLU	Combination	Min			0.	-21.729	6.592E-18	0.7707	5.379E-17
137	0.975	INV_SLU	Combination	Min			0.	-18.878	6.592E-18	0.7707	4.652E-17
137	1.4625	INV_SLU	Combination	Min			0.	-16.026	6.592E-18	0.7707	3.924E-17
137	1.95	INV_SLU	Combination	Min			0.	-13.175	6.592E-18	0.7707	3.197E-17
137	2.4375	INV_SLU	Combination	Min			0.	-10.324	6.592E-18	0.7707	2.104E-17
137	2.925	INV_SLU	Combination	Min			0.	-7.473	6.592E-18	0.7707	6.789E-18
137	3.4125	INV_SLU	Combination	Min			0.	-4.622	6.592E-18	0.7707	-7.460E-18
137	3.9	INV_SLU	Combination	Min			0.	-1.771	6.592E-18	0.7707	-2.171E-17
137	4.3875	INV_SLU	Combination	Min			0.	1.08	6.592E-18	0.7707	-3.596E-17
137	4.875	INV_SLU	Combination	Min			0.	3.931	6.592E-18	0.7707	-5.021E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
137	5.3625	INV_SLU	Combination	Min			0.	6.782	6.592E-18	0.7707	-6.446E-17
137	5.85	INV_SLU	Combination	Min			0.	9.633	6.592E-18	0.7707	-7.871E-17
137	6.3375	INV_SLU	Combination	Min			0.	12.484	6.592E-18	0.7707	-9.296E-17
137	6.825	INV_SLU	Combination	Min			0.	15.335	6.592E-18	0.7707	-1.072E-16
137	7.3125	INV_SLU	Combination	Min			0.	18.186	6.592E-18	0.7707	-1.215E-16
137	7.8	INV_SLU	Combination	Min			0.	21.037	6.592E-18	0.7707	-1.357E-16
137	0.	INV_SLV	Combination	Max			0.	-5.489	1.216E-16	0.704	1.288E-15
137	0.4875	INV_SLV	Combination	Max			0.	-3.296	1.216E-16	0.704	1.239E-15
137	0.975	INV_SLV	Combination	Max			0.	-1.103	1.216E-16	0.704	1.190E-15
137	1.4625	INV_SLV	Combination	Max			0.	1.09	1.216E-16	0.704	1.142E-15
137	1.95	INV_SLV	Combination	Max			0.	3.283	1.216E-16	0.704	1.094E-15
137	2.4375	INV_SLV	Combination	Max			0.	5.476	1.216E-16	0.704	1.047E-15
137	2.925	INV_SLV	Combination	Max			0.	7.67	1.216E-16	0.704	1.001E-15
137	3.4125	INV_SLV	Combination	Max			0.	9.863	1.216E-16	0.704	1.003E-15
137	3.9	INV_SLV	Combination	Max			0.	12.056	1.216E-16	0.704	1.013E-15
137	4.3875	INV_SLV	Combination	Max			0.	14.249	1.216E-16	0.704	1.024E-15
137	4.875	INV_SLV	Combination	Max			0.	16.442	1.216E-16	0.704	1.034E-15
137	5.3625	INV_SLV	Combination	Max			0.	18.635	1.216E-16	0.704	1.045E-15
137	5.85	INV_SLV	Combination	Max			0.	20.828	1.216E-16	0.704	1.057E-15
137	6.3375	INV_SLV	Combination	Max			0.	23.021	1.216E-16	0.704	1.068E-15
137	6.825	INV_SLV	Combination	Max			0.	25.214	1.216E-16	0.704	1.080E-15
137	7.3125	INV_SLV	Combination	Max			0.	27.407	1.216E-16	0.704	1.092E-15
137	7.8	INV_SLV	Combination	Max			0.	29.601	1.216E-16	0.704	1.104E-15
137	0.	INV_SLV	Combination	Min			0.	-30.168	-9.389E-17	0.3634	-1.205E-15
137	0.4875	INV_SLV	Combination	Min			0.	-27.975	-9.389E-17	0.3634	-1.169E-15
137	0.975	INV_SLV	Combination	Min			0.	-25.781	-9.389E-17	0.3634	-1.134E-15
137	1.4625	INV_SLV	Combination	Min			0.	-23.588	-9.389E-17	0.3634	-1.100E-15
137	1.95	INV_SLV	Combination	Min			0.	-21.395	-9.389E-17	0.3634	-1.065E-15
137	2.4375	INV_SLV	Combination	Min			0.	-19.202	-9.389E-17	0.3634	-1.031E-15
137	2.925	INV_SLV	Combination	Min			0.	-17.009	-9.389E-17	0.3634	-9.992E-16
137	3.4125	INV_SLV	Combination	Min			0.	-14.816	-9.389E-17	0.3634	-1.014E-15
137	3.9	INV_SLV	Combination	Min			0.	-12.623	-9.389E-17	0.3634	-1.038E-15
137	4.3875	INV_SLV	Combination	Min			0.	-10.43	-9.389E-17	0.3634	-1.062E-15
137	4.875	INV_SLV	Combination	Min			0.	-8.237	-9.389E-17	0.3634	-1.087E-15
137	5.3625	INV_SLV	Combination	Min			0.	-6.044	-9.389E-17	0.3634	-1.111E-15
137	5.85	INV_SLV	Combination	Min			0.	-3.85	-9.389E-17	0.3634	-1.136E-15
137	6.3375	INV_SLV	Combination	Min			0.	-1.657	-9.389E-17	0.3634	-1.161E-15
137	6.825	INV_SLV	Combination	Min			0.	0.536	-9.389E-17	0.3634	-1.186E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
137	7.3125	INV_SLV	Combination	Min			0.	2.729	-9.389E-17	0.3634	-1.211E-15
137	7.8	INV_SLV	Combination	Min			0.	4.922	-9.389E-17	0.3634	-1.237E-15
138	0.	INV_SLU	Combination	Max			0.	-23.197	2.923E-17	-0.1288	9.229E-17
138	0.4875	INV_SLU	Combination	Max			0.	-20.346	2.923E-17	-0.1288	7.804E-17
138	0.975	INV_SLU	Combination	Max			0.	-17.495	2.923E-17	-0.1288	6.500E-17
138	1.4625	INV_SLU	Combination	Max			0.	-14.644	2.923E-17	-0.1288	5.760E-17
138	1.95	INV_SLU	Combination	Max			0.	-11.793	2.923E-17	-0.1288	5.020E-17
138	2.4375	INV_SLU	Combination	Max			0.	-8.942	2.923E-17	-0.1288	4.499E-17
138	2.925	INV_SLU	Combination	Max			0.	-6.091	2.923E-17	-0.1288	4.178E-17
138	3.4125	INV_SLU	Combination	Max			0.	-3.24	2.923E-17	-0.1288	3.857E-17
138	3.9	INV_SLU	Combination	Max			0.	-0.389	2.923E-17	-0.1288	3.535E-17
138	4.3875	INV_SLU	Combination	Max			0.	2.462	2.923E-17	-0.1288	3.214E-17
138	4.875	INV_SLU	Combination	Max			0.	5.313	2.923E-17	-0.1288	2.893E-17
138	5.3625	INV_SLU	Combination	Max			0.	8.165	2.923E-17	-0.1288	2.571E-17
138	5.85	INV_SLU	Combination	Max			0.	11.016	2.923E-17	-0.1288	2.250E-17
138	6.3375	INV_SLU	Combination	Max			0.	13.867	2.923E-17	-0.1288	1.929E-17
138	6.825	INV_SLU	Combination	Max			0.	16.718	2.923E-17	-0.1288	1.607E-17
138	7.3125	INV_SLU	Combination	Max			0.	19.569	2.923E-17	-0.1288	1.286E-17
138	7.8	INV_SLU	Combination	Max			0.	22.42	2.923E-17	-0.1288	9.645E-18
138	0.	INV_SLU	Combination	Min			0.	-24.27	6.592E-18	-0.2043	6.106E-17
138	0.4875	INV_SLU	Combination	Min			0.	-21.419	6.592E-18	-0.2043	5.379E-17
138	0.975	INV_SLU	Combination	Min			0.	-18.568	6.592E-18	-0.2043	4.652E-17
138	1.4625	INV_SLU	Combination	Min			0.	-15.717	6.592E-18	-0.2043	3.924E-17
138	1.95	INV_SLU	Combination	Min			0.	-12.866	6.592E-18	-0.2043	3.197E-17
138	2.4375	INV_SLU	Combination	Min			0.	-10.015	6.592E-18	-0.2043	2.104E-17
138	2.925	INV_SLU	Combination	Min			0.	-7.164	6.592E-18	-0.2043	6.789E-18
138	3.4125	INV_SLU	Combination	Min			0.	-4.313	6.592E-18	-0.2043	-7.460E-18
138	3.9	INV_SLU	Combination	Min			0.	-1.462	6.592E-18	-0.2043	-2.171E-17
138	4.3875	INV_SLU	Combination	Min			0.	1.389	6.592E-18	-0.2043	-3.596E-17
138	4.875	INV_SLU	Combination	Min			0.	4.24	6.592E-18	-0.2043	-5.021E-17
138	5.3625	INV_SLU	Combination	Min			0.	7.091	6.592E-18	-0.2043	-6.446E-17
138	5.85	INV_SLU	Combination	Min			0.	9.942	6.592E-18	-0.2043	-7.871E-17
138	6.3375	INV_SLU	Combination	Min			0.	12.793	6.592E-18	-0.2043	-9.296E-17
138	6.825	INV_SLU	Combination	Min			0.	15.644	6.592E-18	-0.2043	-1.072E-16
138	7.3125	INV_SLU	Combination	Min			0.	18.495	6.592E-18	-0.2043	-1.215E-16
138	7.8	INV_SLU	Combination	Min			0.	21.346	6.592E-18	-0.2043	-1.357E-16
138	0.	INV_SLV	Combination	Max			0.	-7.597	1.216E-16	0.1148	1.288E-15
138	0.4875	INV_SLV	Combination	Max			0.	-5.404	1.216E-16	0.1148	1.239E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
138	0.975	INV_SLV	Combination	Max			0.	-3.211	1.216E-16	0.1148	1.190E-15
138	1.4625	INV_SLV	Combination	Max			0.	-1.017	1.216E-16	0.1148	1.142E-15
138	1.95	INV_SLV	Combination	Max			0.	1.176	1.216E-16	0.1148	1.094E-15
138	2.4375	INV_SLV	Combination	Max			0.	3.369	1.216E-16	0.1148	1.047E-15
138	2.925	INV_SLV	Combination	Max			0.	5.562	1.216E-16	0.1148	1.001E-15
138	3.4125	INV_SLV	Combination	Max			0.	7.755	1.216E-16	0.1148	1.003E-15
138	3.9	INV_SLV	Combination	Max			0.	9.948	1.216E-16	0.1148	1.013E-15
138	4.3875	INV_SLV	Combination	Max			0.	12.141	1.216E-16	0.1148	1.024E-15
138	4.875	INV_SLV	Combination	Max			0.	14.334	1.216E-16	0.1148	1.034E-15
138	5.3625	INV_SLV	Combination	Max			0.	16.527	1.216E-16	0.1148	1.045E-15
138	5.85	INV_SLV	Combination	Max			0.	18.721	1.216E-16	0.1148	1.057E-15
138	6.3375	INV_SLV	Combination	Max			0.	20.914	1.216E-16	0.1148	1.068E-15
138	6.825	INV_SLV	Combination	Max			0.	23.107	1.216E-16	0.1148	1.080E-15
138	7.3125	INV_SLV	Combination	Max			0.	25.3	1.216E-16	0.1148	1.092E-15
138	7.8	INV_SLV	Combination	Max			0.	27.493	1.216E-16	0.1148	1.104E-15
138	0.	INV_SLV	Combination	Min			0.	-27.777	-9.389E-17	-0.2965	-1.205E-15
138	0.4875	INV_SLV	Combination	Min			0.	-25.583	-9.389E-17	-0.2965	-1.169E-15
138	0.975	INV_SLV	Combination	Min			0.	-23.39	-9.389E-17	-0.2965	-1.134E-15
138	1.4625	INV_SLV	Combination	Min			0.	-21.197	-9.389E-17	-0.2965	-1.100E-15
138	1.95	INV_SLV	Combination	Min			0.	-19.004	-9.389E-17	-0.2965	-1.065E-15
138	2.4375	INV_SLV	Combination	Min			0.	-16.811	-9.389E-17	-0.2965	-1.031E-15
138	2.925	INV_SLV	Combination	Min			0.	-14.618	-9.389E-17	-0.2965	-9.992E-16
138	3.4125	INV_SLV	Combination	Min			0.	-12.425	-9.389E-17	-0.2965	-1.014E-15
138	3.9	INV_SLV	Combination	Min			0.	-10.232	-9.389E-17	-0.2965	-1.038E-15
138	4.3875	INV_SLV	Combination	Min			0.	-8.039	-9.389E-17	-0.2965	-1.062E-15
138	4.875	INV_SLV	Combination	Min			0.	-5.846	-9.389E-17	-0.2965	-1.087E-15
138	5.3625	INV_SLV	Combination	Min			0.	-3.652	-9.389E-17	-0.2965	-1.111E-15
138	5.85	INV_SLV	Combination	Min			0.	-1.459	-9.389E-17	-0.2965	-1.136E-15
138	6.3375	INV_SLV	Combination	Min			0.	0.734	-9.389E-17	-0.2965	-1.161E-15
138	6.825	INV_SLV	Combination	Min			0.	2.927	-9.389E-17	-0.2965	-1.186E-15
138	7.3125	INV_SLV	Combination	Min			0.	5.12	-9.389E-17	-0.2965	-1.211E-15
138	7.8	INV_SLV	Combination	Min			0.	7.313	-9.389E-17	-0.2965	-1.237E-15
139	0.	INV_SLU	Combination	Max			0.	-23.136	2.923E-17	0.1135	9.229E-17
139	0.4875	INV_SLU	Combination	Max			0.	-20.285	2.923E-17	0.1135	7.804E-17
139	0.975	INV_SLU	Combination	Max			0.	-17.434	2.923E-17	0.1135	6.500E-17
139	1.4625	INV_SLU	Combination	Max			0.	-14.583	2.923E-17	0.1135	5.760E-17
139	1.95	INV_SLU	Combination	Max			0.	-11.732	2.923E-17	0.1135	5.020E-17
139	2.4375	INV_SLU	Combination	Max			0.	-8.881	2.923E-17	0.1135	4.499E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
139	2.925	INV_SLU	Combination	Max			0.	-6.029	2.923E-17	0.1135	4.178E-17
139	3.4125	INV_SLU	Combination	Max			0.	-3.178	2.923E-17	0.1135	3.857E-17
139	3.9	INV_SLU	Combination	Max			0.	-0.327	2.923E-17	0.1135	3.535E-17
139	4.3875	INV_SLU	Combination	Max			0.	2.524	2.923E-17	0.1135	3.214E-17
139	4.875	INV_SLU	Combination	Max			0.	5.375	2.923E-17	0.1135	2.893E-17
139	5.3625	INV_SLU	Combination	Max			0.	8.226	2.923E-17	0.1135	2.571E-17
139	5.85	INV_SLU	Combination	Max			0.	11.077	2.923E-17	0.1135	2.250E-17
139	6.3375	INV_SLU	Combination	Max			0.	13.928	2.923E-17	0.1135	1.929E-17
139	6.825	INV_SLU	Combination	Max			0.	16.779	2.923E-17	0.1135	1.607E-17
139	7.3125	INV_SLU	Combination	Max			0.	19.63	2.923E-17	0.1135	1.286E-17
139	7.8	INV_SLU	Combination	Max			0.	22.481	2.923E-17	0.1135	9.645E-18
139	0.	INV_SLU	Combination	Min			0.	-24.138	6.592E-18	0.0543	6.106E-17
139	0.4875	INV_SLU	Combination	Min			0.	-21.287	6.592E-18	0.0543	5.379E-17
139	0.975	INV_SLU	Combination	Min			0.	-18.436	6.592E-18	0.0543	4.652E-17
139	1.4625	INV_SLU	Combination	Min			0.	-15.585	6.592E-18	0.0543	3.924E-17
139	1.95	INV_SLU	Combination	Min			0.	-12.734	6.592E-18	0.0543	3.197E-17
139	2.4375	INV_SLU	Combination	Min			0.	-9.883	6.592E-18	0.0543	2.104E-17
139	2.925	INV_SLU	Combination	Min			0.	-7.032	6.592E-18	0.0543	6.789E-18
139	3.4125	INV_SLU	Combination	Min			0.	-4.181	6.592E-18	0.0543	-7.460E-18
139	3.9	INV_SLU	Combination	Min			0.	-1.33	6.592E-18	0.0543	-2.171E-17
139	4.3875	INV_SLU	Combination	Min			0.	1.521	6.592E-18	0.0543	-3.596E-17
139	4.875	INV_SLU	Combination	Min			0.	4.372	6.592E-18	0.0543	-5.021E-17
139	5.3625	INV_SLU	Combination	Min			0.	7.223	6.592E-18	0.0543	-6.446E-17
139	5.85	INV_SLU	Combination	Min			0.	10.075	6.592E-18	0.0543	-7.871E-17
139	6.3375	INV_SLU	Combination	Min			0.	12.926	6.592E-18	0.0543	-9.296E-17
139	6.825	INV_SLU	Combination	Min			0.	15.777	6.592E-18	0.0543	-1.072E-16
139	7.3125	INV_SLU	Combination	Min			0.	18.628	6.592E-18	0.0543	-1.215E-16
139	7.8	INV_SLU	Combination	Min			0.	21.479	6.592E-18	0.0543	-1.357E-16
139	0.	INV_SLV	Combination	Max			0.	-9.69	1.216E-16	0.5212	1.288E-15
139	0.4875	INV_SLV	Combination	Max			0.	-7.497	1.216E-16	0.5212	1.239E-15
139	0.975	INV_SLV	Combination	Max			0.	-5.304	1.216E-16	0.5212	1.190E-15
139	1.4625	INV_SLV	Combination	Max			0.	-3.111	1.216E-16	0.5212	1.142E-15
139	1.95	INV_SLV	Combination	Max			0.	-0.918	1.216E-16	0.5212	1.094E-15
139	2.4375	INV_SLV	Combination	Max			0.	1.276	1.216E-16	0.5212	1.047E-15
139	2.925	INV_SLV	Combination	Max			0.	3.469	1.216E-16	0.5212	1.001E-15
139	3.4125	INV_SLV	Combination	Max			0.	5.662	1.216E-16	0.5212	1.003E-15
139	3.9	INV_SLV	Combination	Max			0.	7.855	1.216E-16	0.5212	1.013E-15
139	4.3875	INV_SLV	Combination	Max			0.	10.048	1.216E-16	0.5212	1.024E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
139	4.875	INV_SLV	Combination	Max			0.	12.241	1.216E-16	0.5212	1.034E-15
139	5.3625	INV_SLV	Combination	Max			0.	14.434	1.216E-16	0.5212	1.045E-15
139	5.85	INV_SLV	Combination	Max			0.	16.627	1.216E-16	0.5212	1.057E-15
139	6.3375	INV_SLV	Combination	Max			0.	18.82	1.216E-16	0.5212	1.068E-15
139	6.825	INV_SLV	Combination	Max			0.	21.013	1.216E-16	0.5212	1.080E-15
139	7.3125	INV_SLV	Combination	Max			0.	23.207	1.216E-16	0.5212	1.092E-15
139	7.8	INV_SLV	Combination	Max			0.	25.4	1.216E-16	0.5212	1.104E-15
139	0.	INV_SLV	Combination	Min			0.	-25.579	-9.389E-17	-0.4308	-1.205E-15
139	0.4875	INV_SLV	Combination	Min			0.	-23.386	-9.389E-17	-0.4308	-1.169E-15
139	0.975	INV_SLV	Combination	Min			0.	-21.193	-9.389E-17	-0.4308	-1.134E-15
139	1.4625	INV_SLV	Combination	Min			0.	-19.	-9.389E-17	-0.4308	-1.100E-15
139	1.95	INV_SLV	Combination	Min			0.	-16.807	-9.389E-17	-0.4308	-1.065E-15
139	2.4375	INV_SLV	Combination	Min			0.	-14.614	-9.389E-17	-0.4308	-1.031E-15
139	2.925	INV_SLV	Combination	Min			0.	-12.42	-9.389E-17	-0.4308	-9.992E-16
139	3.4125	INV_SLV	Combination	Min			0.	-10.227	-9.389E-17	-0.4308	-1.014E-15
139	3.9	INV_SLV	Combination	Min			0.	-8.034	-9.389E-17	-0.4308	-1.038E-15
139	4.3875	INV_SLV	Combination	Min			0.	-5.841	-9.389E-17	-0.4308	-1.062E-15
139	4.875	INV_SLV	Combination	Min			0.	-3.648	-9.389E-17	-0.4308	-1.087E-15
139	5.3625	INV_SLV	Combination	Min			0.	-1.455	-9.389E-17	-0.4308	-1.111E-15
139	5.85	INV_SLV	Combination	Min			0.	0.738	-9.389E-17	-0.4308	-1.136E-15
139	6.3375	INV_SLV	Combination	Min			0.	2.931	-9.389E-17	-0.4308	-1.161E-15
139	6.825	INV_SLV	Combination	Min			0.	5.124	-9.389E-17	-0.4308	-1.186E-15
139	7.3125	INV_SLV	Combination	Min			0.	7.317	-9.389E-17	-0.4308	-1.211E-15
139	7.8	INV_SLV	Combination	Min			0.	9.511	-9.389E-17	-0.4308	-1.237E-15
140	0.	INV_SLU	Combination	Max			0.	23.677	2.611E-14	-8.0233	7.150E-15
140	0.36667	INV_SLU	Combination	Max			0.	25.821	2.611E-14	-8.0233	-2.425E-15
140	0.73333	INV_SLU	Combination	Max			0.	27.966	2.611E-14	-8.0233	-9.646E-15
140	0.73333	INV_SLU	Combination	Max			0.	-3.996	-1.430E-14	-4.1816	-1.532E-15
140	1.1	INV_SLU	Combination	Max			0.	-1.852	-1.430E-14	-4.1816	3.711E-15
140	1.46667	INV_SLU	Combination	Max			0.	0.292	-1.430E-14	-4.1816	9.532E-15
140	1.46667	INV_SLU	Combination	Max			0.	-1.55	1.714E-14	-1.2576	3.997E-15
140	1.83333	INV_SLU	Combination	Max			0.	0.594	1.714E-14	-1.2576	-8.230E-16
140	2.2	INV_SLU	Combination	Max			0.	2.739	1.714E-14	-1.2576	-5.643E-15
140	2.2	INV_SLU	Combination	Max			0.	-2.802	2.212E-14	-0.5705	3.331E-15
140	2.53333	INV_SLU	Combination	Max			0.	-0.853	2.212E-14	-0.5705	1.554E-15
140	2.86667	INV_SLU	Combination	Max			0.	1.097	2.212E-14	-0.5705	-2.220E-16
140	2.86667	INV_SLU	Combination	Max			0.	8.349	1.377E-14	0.6464	1.577E-15
140	3.2	INV_SLU	Combination	Max			0.	10.298	1.377E-14	0.6464	2.250E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
140	3.53333	INV_SLU	Combination	Max			0.	12.247	1.377E-14	0.6464	3.257E-15
140	3.53333	INV_SLU	Combination	Max			0.	39.451	2.665E-15	-0.1825	3.408E-15
140	3.86667	INV_SLU	Combination	Max			0.	41.4	2.665E-15	-0.1825	4.297E-15
140	4.2	INV_SLU	Combination	Max			0.	43.35	2.665E-15	-0.1825	5.185E-15
140	4.2	INV_SLU	Combination	Max			0.	-30.354	1.041E-17	-0.2049	2.970E-16
140	4.65	INV_SLU	Combination	Max			0.	-27.722	1.041E-17	-0.2049	2.970E-16
140	5.1	INV_SLU	Combination	Max			0.	-25.09	1.041E-17	-0.2049	2.970E-16
140	5.55	INV_SLU	Combination	Max			0.	-22.458	1.041E-17	-0.2049	2.970E-16
140	6.	INV_SLU	Combination	Max			0.	-19.827	1.041E-17	-0.2049	2.970E-16
140	6.45	INV_SLU	Combination	Max			0.	-17.195	1.041E-17	-0.2049	2.970E-16
140	6.9	INV_SLU	Combination	Max			0.	-14.563	1.041E-17	-0.2049	2.970E-16
140	7.35	INV_SLU	Combination	Max			0.	-11.931	1.041E-17	-0.2049	2.970E-16
140	7.8	INV_SLU	Combination	Max			0.	-9.3	1.041E-17	-0.2049	2.970E-16
140	0.	INV_SLU	Combination	Min			0.	15.241	1.545E-14	-11.7276	1.155E-15
140	0.36667	INV_SLU	Combination	Min			0.	17.386	1.545E-14	-11.7276	-4.512E-15
140	0.73333	INV_SLU	Combination	Min			0.	19.53	1.545E-14	-11.7276	-1.200E-14
140	0.73333	INV_SLU	Combination	Min			0.	-5.574	-1.963E-14	-6.193	-4.863E-15
140	1.1	INV_SLU	Combination	Min			0.	-3.43	-1.963E-14	-6.193	2.334E-15
140	1.46667	INV_SLU	Combination	Min			0.	-1.285	-1.963E-14	-6.193	8.954E-15
140	1.46667	INV_SLU	Combination	Min			0.	-2.942	7.283E-15	-1.9669	-1.865E-15
140	1.83333	INV_SLU	Combination	Min			0.	-0.798	7.283E-15	-1.9669	-5.415E-15
140	2.2	INV_SLU	Combination	Min			0.	1.347	7.283E-15	-1.9669	-8.965E-15
140	2.2	INV_SLU	Combination	Min			0.	-3.057	5.329E-15	-0.952	2.998E-15
140	2.53333	INV_SLU	Combination	Min			0.	-1.107	5.329E-15	-0.952	-4.241E-15
140	2.86667	INV_SLU	Combination	Min			0.	0.842	5.329E-15	-0.952	-1.161E-14
140	2.86667	INV_SLU	Combination	Min			0.	4.805	-3.020E-15	0.4978	1.243E-15
140	3.2	INV_SLU	Combination	Min			0.	6.754	-3.020E-15	0.4978	-3.146E-15
140	3.53333	INV_SLU	Combination	Min			0.	8.704	-3.020E-15	0.4978	-7.735E-15
140	3.53333	INV_SLU	Combination	Min			0.	25.175	-2.665E-15	-0.4535	5.773E-16
140	3.86667	INV_SLU	Combination	Min			0.	27.124	-2.665E-15	-0.4535	3.997E-16
140	4.2	INV_SLU	Combination	Min			0.	29.074	-2.665E-15	-0.4535	2.220E-16
140	4.2	INV_SLU	Combination	Min			0.	-43.909	0.	-0.3665	1.096E-16
140	4.65	INV_SLU	Combination	Min			0.	-41.277	0.	-0.3665	1.050E-16
140	5.1	INV_SLU	Combination	Min			0.	-38.645	0.	-0.3665	1.003E-16
140	5.55	INV_SLU	Combination	Min			0.	-36.014	0.	-0.3665	9.558E-17
140	6.	INV_SLU	Combination	Min			0.	-33.382	0.	-0.3665	9.090E-17
140	6.45	INV_SLU	Combination	Min			0.	-30.75	0.	-0.3665	8.622E-17
140	6.9	INV_SLU	Combination	Min			0.	-28.119	0.	-0.3665	8.153E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
140	7.35	INV_SLU	Combination	Min			0.	-25.487	0.	-0.3665	7.685E-17
140	7.8	INV_SLU	Combination	Min			0.	-22.855	0.	-0.3665	7.216E-17
140	0.	INV_SLV	Combination	Max			0.	19.202	2.587E-13	2.0354	7.502E-14
140	0.36667	INV_SLV	Combination	Max			0.	20.851	2.587E-13	2.0354	1.577E-14
140	0.73333	INV_SLV	Combination	Max			0.	22.501	2.587E-13	2.0354	1.027E-13
140	0.73333	INV_SLV	Combination	Max			0.	12.695	4.235E-13	1.1692	9.156E-14
140	1.1	INV_SLV	Combination	Max			0.	14.344	4.235E-13	1.1692	1.562E-13
140	1.46667	INV_SLV	Combination	Max			0.	15.994	4.235E-13	1.1692	3.100E-13
140	1.46667	INV_SLV	Combination	Max			0.	24.785	2.857E-13	0.4922	5.180E-14
140	1.83333	INV_SLV	Combination	Max			0.	26.434	2.857E-13	0.4922	1.179E-13
140	2.2	INV_SLV	Combination	Max			0.	28.084	2.857E-13	0.4922	2.023E-13
140	2.2	INV_SLV	Combination	Max			0.	21.71	6.395E-14	0.4285	6.435E-14
140	2.53333	INV_SLV	Combination	Max			0.	23.209	6.395E-14	0.4285	5.251E-14
140	2.86667	INV_SLV	Combination	Max			0.	24.709	6.395E-14	0.4285	6.909E-14
140	2.86667	INV_SLV	Combination	Max			0.	10.737	1.217E-13	2.3648	5.651E-14
140	3.2	INV_SLV	Combination	Max			0.	12.236	1.217E-13	2.3648	6.084E-14
140	3.53333	INV_SLV	Combination	Max			0.	13.736	1.217E-13	2.3648	9.537E-14
140	3.53333	INV_SLV	Combination	Max			0.	46.531	1.052E-13	0.9624	3.745E-15
140	3.86667	INV_SLV	Combination	Max			0.	48.031	1.052E-13	0.9624	3.849E-14
140	4.2	INV_SLV	Combination	Max			0.	49.53	1.052E-13	0.9624	7.472E-14
140	4.2	INV_SLV	Combination	Max			0.	12.229	1.310E-16	3.2069	6.318E-15
140	4.65	INV_SLV	Combination	Max			0.	14.253	1.310E-16	3.2069	6.325E-15
140	5.1	INV_SLV	Combination	Max			0.	16.278	1.310E-16	3.2069	6.331E-15
140	5.55	INV_SLV	Combination	Max			0.	18.302	1.310E-16	3.2069	6.338E-15
140	6.	INV_SLV	Combination	Max			0.	20.326	1.310E-16	3.2069	6.345E-15
140	6.45	INV_SLV	Combination	Max			0.	22.351	1.310E-16	3.2069	6.352E-15
140	6.9	INV_SLV	Combination	Max			0.	24.375	1.310E-16	3.2069	6.359E-15
140	7.35	INV_SLV	Combination	Max			0.	26.4	1.310E-16	3.2069	6.367E-15
140	7.8	INV_SLV	Combination	Max			0.	28.424	1.310E-16	3.2069	6.374E-15
140	0.	INV_SLV	Combination	Min			0.	1.162	-2.374E-13	-12.8451	-7.147E-14
140	0.36667	INV_SLV	Combination	Min			0.	2.812	-2.374E-13	-12.8451	-2.004E-14
140	0.73333	INV_SLV	Combination	Min			0.	4.461	-2.374E-13	-12.8451	-1.148E-13
140	0.73333	INV_SLV	Combination	Min			0.	-19.151	-4.430E-13	-6.8135	-9.378E-14
140	1.1	INV_SLV	Combination	Min			0.	-17.501	-4.430E-13	-6.8135	-1.513E-13
140	1.46667	INV_SLV	Combination	Min			0.	-15.852	-4.430E-13	-6.8135	-2.979E-13
140	1.46667	INV_SLV	Combination	Min			0.	-28.828	-2.697E-13	-2.2088	-4.825E-14
140	1.83333	INV_SLV	Combination	Min			0.	-27.179	-2.697E-13	-2.2088	-1.202E-13
140	2.2	INV_SLV	Combination	Min			0.	-25.529	-2.697E-13	-2.2088	-2.105E-13

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
140	2.2	INV_SLV	Combination	Min			0.	-26.267	-4.974E-14	-1.2585	-5.991E-14
140	2.53333	INV_SLV	Combination	Min			0.	-24.767	-4.974E-14	-1.2585	-5.281E-14
140	2.86667	INV_SLV	Combination	Min			0.	-23.268	-4.974E-14	-1.2585	-7.412E-14
140	2.86667	INV_SLV	Combination	Min			0.	-4.289	-1.182E-13	-1.6557	-5.473E-14
140	3.2	INV_SLV	Combination	Min			0.	-2.79	-1.182E-13	-1.6557	-6.025E-14
140	3.53333	INV_SLV	Combination	Min			0.	-1.29	-1.182E-13	-1.6557	-9.596E-14
140	3.53333	INV_SLV	Combination	Min			0.	-10.477	-1.087E-13	-1.2861	6.960E-16
140	3.86667	INV_SLV	Combination	Min			0.	-8.977	-1.087E-13	-1.2861	-3.286E-14
140	4.2	INV_SLV	Combination	Min			0.	-7.478	-1.087E-13	-1.2861	-6.791E-14
140	4.2	INV_SLV	Combination	Min			0.	-56.808	-1.310E-16	-3.5516	-6.152E-15
140	4.65	INV_SLV	Combination	Min			0.	-54.783	-1.310E-16	-3.5516	-6.158E-15
140	5.1	INV_SLV	Combination	Min			0.	-52.759	-1.310E-16	-3.5516	-6.164E-15
140	5.55	INV_SLV	Combination	Min			0.	-50.734	-1.310E-16	-3.5516	-6.171E-15
140	6.	INV_SLV	Combination	Min			0.	-48.71	-1.310E-16	-3.5516	-6.178E-15
140	6.45	INV_SLV	Combination	Min			0.	-46.686	-1.310E-16	-3.5516	-6.185E-15
140	6.9	INV_SLV	Combination	Min			0.	-44.661	-1.310E-16	-3.5516	-6.193E-15
140	7.35	INV_SLV	Combination	Min			0.	-42.637	-1.310E-16	-3.5516	-6.200E-15
140	7.8	INV_SLV	Combination	Min			0.	-40.612	-1.310E-16	-3.5516	-6.208E-15
141	0.	INV_SLU	Combination	Max			0.	23.271	6.750E-15	15.0376	3.442E-15
141	0.35	INV_SLU	Combination	Max			0.	25.318	6.750E-15	15.0376	1.825E-15
141	0.7	INV_SLU	Combination	Max			0.	27.365	6.750E-15	15.0376	1.807E-15
141	0.7	INV_SLU	Combination	Max			0.	-3.842	-1.066E-14	7.7297	-3.619E-15
141	1.05	INV_SLU	Combination	Max			0.	-1.795	-1.066E-14	7.7297	6.439E-16
141	1.4	INV_SLU	Combination	Max			0.	0.252	-1.066E-14	7.7297	6.239E-15
141	1.4	INV_SLU	Combination	Max			0.	-2.504	2.451E-14	3.0334	3.331E-15
141	1.75	INV_SLU	Combination	Max			0.	-0.457	2.451E-14	3.0334	-2.265E-15
141	2.1	INV_SLU	Combination	Max			0.	1.59	2.451E-14	3.0334	-7.860E-15
141	2.1	INV_SLU	Combination	Max			0.	-2.142	5.329E-15	2.0201	-8.882E-17
141	2.45	INV_SLU	Combination	Max			0.	-0.095	5.329E-15	2.0201	4.441E-17
141	2.8	INV_SLU	Combination	Max			0.	1.952	5.329E-15	2.0201	5.107E-16
141	2.8	INV_SLU	Combination	Max			0.	14.345	-1.066E-14	1.132	-2.998E-15
141	3.15	INV_SLU	Combination	Max			0.	16.392	-1.066E-14	1.132	7.327E-16
141	3.5	INV_SLU	Combination	Max			0.	18.439	-1.066E-14	1.132	5.396E-15
141	3.5	INV_SLU	Combination	Max			0.	40.968	1.084E-14	1.6587	5.773E-16
141	3.85	INV_SLU	Combination	Max			0.	43.014	1.084E-14	1.6587	2.220E-18
141	4.2	INV_SLU	Combination	Max			0.	45.061	1.084E-14	1.6587	-5.729E-16
141	4.2	INV_SLU	Combination	Max			0.	-27.496	1.041E-17	-0.0593	2.970E-16
141	4.65	INV_SLU	Combination	Max			0.	-24.864	1.041E-17	-0.0593	2.970E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
141	5.1	INV_SLU	Combination	Max			0.	-22.232	1.041E-17	-0.0593	2.970E-16
141	5.55	INV_SLU	Combination	Max			0.	-19.6	1.041E-17	-0.0593	2.970E-16
141	6.	INV_SLU	Combination	Max			0.	-16.969	1.041E-17	-0.0593	2.970E-16
141	6.45	INV_SLU	Combination	Max			0.	-14.337	1.041E-17	-0.0593	2.970E-16
141	6.9	INV_SLU	Combination	Max			0.	-11.705	1.041E-17	-0.0593	2.970E-16
141	7.35	INV_SLU	Combination	Max			0.	-9.073	1.041E-17	-0.0593	2.970E-16
141	7.8	INV_SLU	Combination	Max			0.	-6.442	1.041E-17	-0.0593	2.970E-16
141	0.	INV_SLU	Combination	Min			0.	14.984	-3.375E-15	10.0056	-3.220E-15
141	0.35	INV_SLU	Combination	Min			0.	17.03	-3.375E-15	10.0056	-3.904E-15
141	0.7	INV_SLU	Combination	Min			0.	19.077	-3.375E-15	10.0056	-5.547E-15
141	0.7	INV_SLU	Combination	Min			0.	-5.008	-1.918E-14	5.0403	-9.748E-15
141	1.05	INV_SLU	Combination	Min			0.	-2.962	-1.918E-14	5.0403	-3.353E-15
141	1.4	INV_SLU	Combination	Min			0.	-0.915	-1.918E-14	5.0403	2.243E-15
141	1.4	INV_SLU	Combination	Min			0.	-3.146	1.599E-14	1.8055	3.331E-15
141	1.75	INV_SLU	Combination	Min			0.	-1.099	1.599E-14	1.8055	-5.249E-15
141	2.1	INV_SLU	Combination	Min			0.	0.948	1.599E-14	1.8055	-1.383E-14
141	2.1	INV_SLU	Combination	Min			0.	-2.562	-1.332E-15	1.0426	-4.219E-16
141	2.45	INV_SLU	Combination	Min			0.	-0.515	-1.332E-15	1.0426	-1.954E-15
141	2.8	INV_SLU	Combination	Min			0.	1.532	-1.332E-15	1.0426	-3.819E-15
141	2.8	INV_SLU	Combination	Min			0.	7.744	-1.599E-14	0.2132	-5.995E-15
141	3.15	INV_SLU	Combination	Min			0.	9.791	-1.599E-14	0.2132	-3.997E-16
141	3.5	INV_SLU	Combination	Min			0.	11.838	-1.599E-14	0.2132	4.130E-15
141	3.5	INV_SLU	Combination	Min			0.	26.36	1.643E-15	-0.1213	5.773E-16
141	3.85	INV_SLU	Combination	Min			0.	28.407	1.643E-15	-0.1213	-3.215E-15
141	4.2	INV_SLU	Combination	Min			0.	30.454	1.643E-15	-0.1213	-7.008E-15
141	4.2	INV_SLU	Combination	Min			0.	-40.243	0.	-0.7305	1.096E-16
141	4.65	INV_SLU	Combination	Min			0.	-37.612	0.	-0.7305	1.050E-16
141	5.1	INV_SLU	Combination	Min			0.	-34.98	0.	-0.7305	1.003E-16
141	5.55	INV_SLU	Combination	Min			0.	-32.348	0.	-0.7305	9.558E-17
141	6.	INV_SLU	Combination	Min			0.	-29.716	0.	-0.7305	9.090E-17
141	6.45	INV_SLU	Combination	Min			0.	-27.085	0.	-0.7305	8.622E-17
141	6.9	INV_SLU	Combination	Min			0.	-24.453	0.	-0.7305	8.153E-17
141	7.35	INV_SLU	Combination	Min			0.	-21.821	0.	-0.7305	7.685E-17
141	7.8	INV_SLU	Combination	Min			0.	-19.19	0.	-0.7305	7.216E-17
141	0.	INV_SLV	Combination	Max			0.	17.565	3.568E-13	14.9188	1.562E-13
141	0.35	INV_SLV	Combination	Max			0.	19.14	3.568E-13	14.9188	1.139E-13
141	0.7	INV_SLV	Combination	Max			0.	20.714	3.568E-13	14.9188	1.778E-13
141	0.7	INV_SLV	Combination	Max			0.	8.374	2.972E-13	7.1135	4.411E-14

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
141	1.05	INV_SLV	Combination	Max			0.	9.949	2.972E-13	7.1135	1.314E-13
141	1.4	INV_SLV	Combination	Max			0.	11.523	2.972E-13	7.1135	2.394E-13
141	1.4	INV_SLV	Combination	Max			0.	10.41	2.666E-13	2.0882	3.083E-14
141	1.75	INV_SLV	Combination	Max			0.	11.984	2.666E-13	2.0882	8.466E-14
141	2.1	INV_SLV	Combination	Max			0.	13.559	2.666E-13	2.0882	1.654E-13
141	2.1	INV_SLV	Combination	Max			0.	10.008	1.044E-13	1.4623	1.332E-13
141	2.45	INV_SLV	Combination	Max			0.	11.582	1.044E-13	1.4623	1.596E-13
141	2.8	INV_SLV	Combination	Max			0.	13.157	1.044E-13	1.4623	1.897E-13
141	2.8	INV_SLV	Combination	Max			0.	14.136	5.998E-14	2.6971	1.412E-14
141	3.15	INV_SLV	Combination	Max			0.	15.711	5.998E-14	2.6971	7.405E-15
141	3.5	INV_SLV	Combination	Max			0.	17.285	5.998E-14	2.6971	3.337E-14
141	3.5	INV_SLV	Combination	Max			0.	74.674	4.308E-14	6.2775	5.130E-14
141	3.85	INV_SLV	Combination	Max			0.	76.248	4.308E-14	6.2775	4.855E-14
141	4.2	INV_SLV	Combination	Max			0.	77.823	4.308E-14	6.2775	5.078E-14
141	4.2	INV_SLV	Combination	Max			0.	14.075	1.310E-16	1.0293	6.318E-15
141	4.65	INV_SLV	Combination	Max			0.	16.099	1.310E-16	1.0293	6.325E-15
141	5.1	INV_SLV	Combination	Max			0.	18.124	1.310E-16	1.0293	6.331E-15
141	5.55	INV_SLV	Combination	Max			0.	20.148	1.310E-16	1.0293	6.338E-15
141	6.	INV_SLV	Combination	Max			0.	22.173	1.310E-16	1.0293	6.345E-15
141	6.45	INV_SLV	Combination	Max			0.	24.197	1.310E-16	1.0293	6.352E-15
141	6.9	INV_SLV	Combination	Max			0.	26.221	1.310E-16	1.0293	6.359E-15
141	7.35	INV_SLV	Combination	Max			0.	28.246	1.310E-16	1.0293	6.367E-15
141	7.8	INV_SLV	Combination	Max			0.	30.27	1.310E-16	1.0293	6.374E-15
141	0.	INV_SLV	Combination	Min			0.	2.539	-3.603E-13	-1.1447	-1.567E-13
141	0.35	INV_SLV	Combination	Min			0.	4.114	-3.603E-13	-1.1447	-1.131E-13
141	0.7	INV_SLV	Combination	Min			0.	5.688	-3.603E-13	-1.1447	-1.758E-13
141	0.7	INV_SLV	Combination	Min			0.	-14.213	-3.114E-13	-0.1672	-4.900E-14
141	1.05	INV_SLV	Combination	Min			0.	-12.638	-3.114E-13	-0.1672	-1.313E-13
141	1.4	INV_SLV	Combination	Min			0.	-11.064	-3.114E-13	-0.1672	-2.343E-13
141	1.4	INV_SLV	Combination	Min			0.	-14.677	-2.453E-13	0.4065	-2.638E-14
141	1.75	INV_SLV	Combination	Min			0.	-13.103	-2.453E-13	0.4065	-8.768E-14
141	2.1	INV_SLV	Combination	Min			0.	-11.528	-2.453E-13	0.4065	-1.759E-13
141	2.1	INV_SLV	Combination	Min			0.	-13.793	-1.044E-13	-0.0221	-1.332E-13
141	2.45	INV_SLV	Combination	Min			0.	-12.218	-1.044E-13	-0.0221	-1.596E-13
141	2.8	INV_SLV	Combination	Min			0.	-10.644	-1.044E-13	-0.0221	-1.897E-13
141	2.8	INV_SLV	Combination	Min			0.	-2.858	-7.419E-14	-2.3971	-1.856E-14
141	3.15	INV_SLV	Combination	Min			0.	-1.284	-7.419E-14	-2.3971	-6.872E-15
141	3.5	INV_SLV	Combination	Min			0.	0.291	-7.419E-14	-2.3971	-2.787E-14

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
141	3.5	INV_SLV	Combination	Min			0.	-35.069	-3.952E-14	-6.3726	-5.042E-14
141	3.85	INV_SLV	Combination	Min			0.	-33.494	-3.952E-14	-6.3726	-4.890E-14
141	4.2	INV_SLV	Combination	Min			0.	-31.92	-3.952E-14	-6.3726	-5.237E-14
141	4.2	INV_SLV	Combination	Min			0.	-55.412	-1.310E-16	-1.1534	-6.152E-15
141	4.65	INV_SLV	Combination	Min			0.	-53.387	-1.310E-16	-1.1534	-6.158E-15
141	5.1	INV_SLV	Combination	Min			0.	-51.363	-1.310E-16	-1.1534	-6.164E-15
141	5.55	INV_SLV	Combination	Min			0.	-49.338	-1.310E-16	-1.1534	-6.171E-15
141	6.	INV_SLV	Combination	Min			0.	-47.314	-1.310E-16	-1.1534	-6.178E-15
141	6.45	INV_SLV	Combination	Min			0.	-45.29	-1.310E-16	-1.1534	-6.185E-15
141	6.9	INV_SLV	Combination	Min			0.	-43.265	-1.310E-16	-1.1534	-6.193E-15
141	7.35	INV_SLV	Combination	Min			0.	-41.241	-1.310E-16	-1.1534	-6.200E-15
141	7.8	INV_SLV	Combination	Min			0.	-39.216	-1.310E-16	-1.1534	-6.208E-15
142	0.	INV_SLU	Combination	Max			0.	-118.446	-1.804E-17	0.5563	-1.138E-16
142	0.49231	INV_SLU	Combination	Max			0.	-97.711	-1.804E-17	0.5563	-1.049E-16
142	0.98462	INV_SLU	Combination	Max			0.	-76.976	-1.804E-17	0.5563	-9.603E-17
142	1.47692	INV_SLU	Combination	Max			0.	-56.241	-1.804E-17	0.5563	-8.715E-17
142	1.96923	INV_SLU	Combination	Max			0.	-35.506	-1.804E-17	0.5563	-7.827E-17
142	2.46154	INV_SLU	Combination	Max			0.	-14.771	-1.804E-17	0.5563	-6.939E-17
142	2.95385	INV_SLU	Combination	Max			0.	9.231	-1.804E-17	0.5563	-5.042E-17
142	3.44615	INV_SLU	Combination	Max			0.	40.046	-1.804E-17	0.5563	-2.424E-17
142	3.93846	INV_SLU	Combination	Max			0.	70.861	-1.804E-17	0.5563	1.932E-18
142	4.43077	INV_SLU	Combination	Max			0.	101.676	-1.804E-17	0.5563	2.811E-17
142	4.92308	INV_SLU	Combination	Max			0.	132.492	-1.804E-17	0.5563	5.653E-17
142	5.41538	INV_SLU	Combination	Max			0.	163.307	-1.804E-17	0.5563	8.501E-17
142	5.90769	INV_SLU	Combination	Max			0.	194.122	-1.804E-17	0.5563	1.135E-16
142	6.4	INV_SLU	Combination	Max			0.	224.937	-1.804E-17	0.5563	1.420E-16
142	0.	INV_SLU	Combination	Min			0.	-175.958	-5.785E-17	0.4232	-2.283E-16
142	0.49231	INV_SLU	Combination	Min			0.	-145.143	-5.785E-17	0.4232	-1.998E-16
142	0.98462	INV_SLU	Combination	Min			0.	-114.328	-5.785E-17	0.4232	-1.713E-16
142	1.47692	INV_SLU	Combination	Min			0.	-83.513	-5.785E-17	0.4232	-1.428E-16
142	1.96923	INV_SLU	Combination	Min			0.	-52.697	-5.785E-17	0.4232	-1.144E-16
142	2.46154	INV_SLU	Combination	Min			0.	-21.882	-5.785E-17	0.4232	-8.588E-17
142	2.95385	INV_SLU	Combination	Min			0.	5.467	-5.785E-17	0.4232	-6.345E-17
142	3.44615	INV_SLU	Combination	Min			0.	26.203	-5.785E-17	0.4232	-5.163E-17
142	3.93846	INV_SLU	Combination	Min			0.	46.938	-5.785E-17	0.4232	-4.274E-17
142	4.43077	INV_SLU	Combination	Min			0.	67.673	-5.785E-17	0.4232	-3.386E-17
142	4.92308	INV_SLU	Combination	Min			0.	88.408	-5.785E-17	0.4232	-2.498E-17
142	5.41538	INV_SLU	Combination	Min			0.	109.143	-5.785E-17	0.4232	-1.610E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
142	5.90769	INV_SLU	Combination	Min			0.	129.878	-5.785E-17	0.4232	-7.216E-18
142	6.4	INV_SLU	Combination	Min			0.	150.613	-5.785E-17	0.4232	1.665E-18
142	0.	INV_SLV	Combination	Max			0.	-76.341	1.655E-15	1.0544	3.932E-15
142	0.49231	INV_SLV	Combination	Max			0.	-62.222	1.655E-15	1.0544	3.278E-15
142	0.98462	INV_SLV	Combination	Max			0.	-48.103	1.655E-15	1.0544	2.660E-15
142	1.47692	INV_SLV	Combination	Max			0.	-33.984	1.655E-15	1.0544	2.088E-15
142	1.96923	INV_SLV	Combination	Max			0.	-19.866	1.655E-15	1.0544	1.897E-15
142	2.46154	INV_SLV	Combination	Max			0.	-5.747	1.655E-15	1.0544	2.277E-15
142	2.95385	INV_SLV	Combination	Max			0.	8.372	1.655E-15	1.0544	2.726E-15
142	3.44615	INV_SLV	Combination	Max			0.	22.49	1.655E-15	1.0544	3.220E-15
142	3.93846	INV_SLV	Combination	Max			0.	36.609	1.655E-15	1.0544	3.749E-15
142	4.43077	INV_SLV	Combination	Max			0.	50.728	1.655E-15	1.0544	4.359E-15
142	4.92308	INV_SLV	Combination	Max			0.	64.847	1.655E-15	1.0544	5.109E-15
142	5.41538	INV_SLV	Combination	Max			0.	78.965	1.655E-15	1.0544	5.885E-15
142	5.90769	INV_SLV	Combination	Max			0.	93.084	1.655E-15	1.0544	6.678E-15
142	6.4	INV_SLV	Combination	Max			0.	107.203	1.655E-15	1.0544	7.482E-15
142	0.	INV_SLV	Combination	Min			0.	-84.984	-1.711E-15	-0.391	-4.154E-15
142	0.49231	INV_SLV	Combination	Min			0.	-70.866	-1.711E-15	-0.391	-3.473E-15
142	0.98462	INV_SLV	Combination	Min			0.	-56.747	-1.711E-15	-0.391	-2.828E-15
142	1.47692	INV_SLV	Combination	Min			0.	-42.628	-1.711E-15	-0.391	-2.228E-15
142	1.96923	INV_SLV	Combination	Min			0.	-28.51	-1.711E-15	-0.391	-2.009E-15
142	2.46154	INV_SLV	Combination	Min			0.	-14.391	-1.711E-15	-0.391	-2.362E-15
142	2.95385	INV_SLV	Combination	Min			0.	-0.272	-1.711E-15	-0.391	-2.784E-15
142	3.44615	INV_SLV	Combination	Min			0.	13.847	-1.711E-15	-0.391	-3.250E-15
142	3.93846	INV_SLV	Combination	Min			0.	27.965	-1.711E-15	-0.391	-3.753E-15
142	4.43077	INV_SLV	Combination	Min			0.	42.084	-1.711E-15	-0.391	-4.335E-15
142	4.92308	INV_SLV	Combination	Min			0.	56.203	-1.711E-15	-0.391	-5.058E-15
142	5.41538	INV_SLV	Combination	Min			0.	70.322	-1.711E-15	-0.391	-5.806E-15
142	5.90769	INV_SLV	Combination	Min			0.	84.44	-1.711E-15	-0.391	-6.572E-15
142	6.4	INV_SLV	Combination	Min			0.	98.559	-1.711E-15	-0.391	-7.349E-15
143	0.	INV_SLU	Combination	Max			0.	-137.574	4.025E-17	0.0436	7.772E-17
143	0.49231	INV_SLU	Combination	Max			0.	-116.839	4.025E-17	0.0436	5.790E-17
143	0.98462	INV_SLU	Combination	Max			0.	-96.104	4.025E-17	0.0436	3.809E-17
143	1.47692	INV_SLU	Combination	Max			0.	-75.369	4.025E-17	0.0436	1.828E-17
143	1.96923	INV_SLU	Combination	Max			0.	-54.634	4.025E-17	0.0436	-1.537E-18
143	2.46154	INV_SLU	Combination	Max			0.	-33.899	4.025E-17	0.0436	-2.135E-17
143	2.95385	INV_SLU	Combination	Max			0.	-13.163	4.025E-17	0.0436	-4.116E-17
143	3.44615	INV_SLU	Combination	Max			0.	10.957	4.025E-17	0.0436	-6.098E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
143	3.93846	INV_SLU	Combination	Max			0.	41.772	4.025E-17	0.0436	-8.079E-17
143	4.43077	INV_SLU	Combination	Max			0.	72.588	4.025E-17	0.0436	-9.164E-17
143	4.92308	INV_SLU	Combination	Max			0.	103.403	4.025E-17	0.0436	-1.012E-16
143	5.41538	INV_SLU	Combination	Max			0.	134.218	4.025E-17	0.0436	-1.108E-16
143	5.90769	INV_SLU	Combination	Max			0.	165.033	4.025E-17	0.0436	-1.203E-16
143	6.4	INV_SLU	Combination	Max			0.	195.848	4.025E-17	0.0436	-1.299E-16
143	0.	INV_SLU	Combination	Min			0.	-204.821	1.943E-17	0.0259	-5.551E-18
143	0.49231	INV_SLU	Combination	Min			0.	-174.006	1.943E-17	0.0259	-1.512E-17
143	0.98462	INV_SLU	Combination	Min			0.	-143.191	1.943E-17	0.0259	-2.468E-17
143	1.47692	INV_SLU	Combination	Min			0.	-112.376	1.943E-17	0.0259	-3.425E-17
143	1.96923	INV_SLU	Combination	Min			0.	-81.561	1.943E-17	0.0259	-4.381E-17
143	2.46154	INV_SLU	Combination	Min			0.	-50.745	1.943E-17	0.0259	-5.338E-17
143	2.95385	INV_SLU	Combination	Min			0.	-19.93	1.943E-17	0.0259	-6.294E-17
143	3.44615	INV_SLU	Combination	Min			0.	7.451	1.943E-17	0.0259	-7.251E-17
143	3.93846	INV_SLU	Combination	Min			0.	28.186	1.943E-17	0.0259	-8.207E-17
143	4.43077	INV_SLU	Combination	Min			0.	48.921	1.943E-17	0.0259	-1.006E-16
143	4.92308	INV_SLU	Combination	Min			0.	69.656	1.943E-17	0.0259	-1.204E-16
143	5.41538	INV_SLU	Combination	Min			0.	90.392	1.943E-17	0.0259	-1.402E-16
143	5.90769	INV_SLU	Combination	Min			0.	111.127	1.943E-17	0.0259	-1.600E-16
143	6.4	INV_SLU	Combination	Min			0.	131.862	1.943E-17	0.0259	-1.799E-16
143	0.	INV_SLV	Combination	Max			0.	-90.703	9.902E-16	0.7607	3.369E-17
143	0.49231	INV_SLV	Combination	Max			0.	-76.584	9.902E-16	0.7607	4.948E-16
143	0.98462	INV_SLV	Combination	Max			0.	-62.465	9.902E-16	0.7607	9.618E-16
143	1.47692	INV_SLV	Combination	Max			0.	-48.346	9.902E-16	0.7607	1.429E-15
143	1.96923	INV_SLV	Combination	Max			0.	-34.228	9.902E-16	0.7607	1.896E-15
143	2.46154	INV_SLV	Combination	Max			0.	-20.109	9.902E-16	0.7607	2.363E-15
143	2.95385	INV_SLV	Combination	Max			0.	-5.99	9.902E-16	0.7607	2.830E-15
143	3.44615	INV_SLV	Combination	Max			0.	8.129	9.902E-16	0.7607	3.297E-15
143	3.93846	INV_SLV	Combination	Max			0.	22.247	9.902E-16	0.7607	3.764E-15
143	4.43077	INV_SLV	Combination	Max			0.	36.366	9.902E-16	0.7607	4.231E-15
143	4.92308	INV_SLV	Combination	Max			0.	50.485	9.902E-16	0.7607	4.698E-15
143	5.41538	INV_SLV	Combination	Max			0.	64.603	9.902E-16	0.7607	5.165E-15
143	5.90769	INV_SLV	Combination	Max			0.	78.722	9.902E-16	0.7607	5.632E-15
143	6.4	INV_SLV	Combination	Max			0.	92.841	9.902E-16	0.7607	6.099E-15
143	0.	INV_SLV	Combination	Min			0.	-96.851	-9.486E-16	-0.719	2.182E-17
143	0.49231	INV_SLV	Combination	Min			0.	-82.732	-9.486E-16	-0.719	-4.598E-16
143	0.98462	INV_SLV	Combination	Min			0.	-68.613	-9.486E-16	-0.719	-9.472E-16
143	1.47692	INV_SLV	Combination	Min			0.	-54.495	-9.486E-16	-0.719	-1.435E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
143	1.96923	INV_SLV	Combination	Min			0.	-40.376	-9.486E-16	-0.719	-1.922E-15
143	2.46154	INV_SLV	Combination	Min			0.	-26.257	-9.486E-16	-0.719	-2.410E-15
143	2.95385	INV_SLV	Combination	Min			0.	-12.138	-9.486E-16	-0.719	-2.897E-15
143	3.44615	INV_SLV	Combination	Min			0.	1.98	-9.486E-16	-0.719	-3.385E-15
143	3.93846	INV_SLV	Combination	Min			0.	16.099	-9.486E-16	-0.719	-3.872E-15
143	4.43077	INV_SLV	Combination	Min			0.	30.218	-9.486E-16	-0.719	-4.360E-15
143	4.92308	INV_SLV	Combination	Min			0.	44.336	-9.486E-16	-0.719	-4.847E-15
143	5.41538	INV_SLV	Combination	Min			0.	58.455	-9.486E-16	-0.719	-5.335E-15
143	5.90769	INV_SLV	Combination	Min			0.	72.574	-9.486E-16	-0.719	-5.822E-15
143	6.4	INV_SLV	Combination	Min			0.	86.693	-9.486E-16	-0.719	-6.310E-15
144	0.	INV_SLU	Combination	Max			0.	-134.403	1.041E-17	0.012	5.967E-17
144	0.49231	INV_SLU	Combination	Max			0.	-113.668	1.041E-17	0.012	5.455E-17
144	0.98462	INV_SLU	Combination	Max			0.	-92.933	1.041E-17	0.012	4.943E-17
144	1.47692	INV_SLU	Combination	Max			0.	-72.198	1.041E-17	0.012	4.430E-17
144	1.96923	INV_SLU	Combination	Max			0.	-51.463	1.041E-17	0.012	3.918E-17
144	2.46154	INV_SLU	Combination	Max			0.	-30.728	1.041E-17	0.012	3.405E-17
144	2.95385	INV_SLU	Combination	Max			0.	-9.992	1.041E-17	0.012	2.893E-17
144	3.44615	INV_SLU	Combination	Max			0.	16.051	1.041E-17	0.012	2.381E-17
144	3.93846	INV_SLU	Combination	Max			0.	46.866	1.041E-17	0.012	1.868E-17
144	4.43077	INV_SLU	Combination	Max			0.	77.681	1.041E-17	0.012	1.804E-17
144	4.92308	INV_SLU	Combination	Max			0.	108.496	1.041E-17	0.012	1.804E-17
144	5.41538	INV_SLU	Combination	Max			0.	139.311	1.041E-17	0.012	1.804E-17
144	5.90769	INV_SLU	Combination	Max			0.	170.126	1.041E-17	0.012	1.804E-17
144	6.4	INV_SLU	Combination	Max			0.	200.942	1.041E-17	0.012	1.804E-17
144	0.	INV_SLU	Combination	Min			0.	-199.679	0.	-0.0165	1.804E-17
144	0.49231	INV_SLU	Combination	Min			0.	-168.864	0.	-0.0165	1.804E-17
144	0.98462	INV_SLU	Combination	Min			0.	-138.048	0.	-0.0165	1.804E-17
144	1.47692	INV_SLU	Combination	Min			0.	-107.233	0.	-0.0165	1.804E-17
144	1.96923	INV_SLU	Combination	Min			0.	-76.418	0.	-0.0165	1.804E-17
144	2.46154	INV_SLU	Combination	Min			0.	-45.603	0.	-0.0165	1.804E-17
144	2.95385	INV_SLU	Combination	Min			0.	-14.788	0.	-0.0165	1.804E-17
144	3.44615	INV_SLU	Combination	Min			0.	10.704	0.	-0.0165	1.804E-17
144	3.93846	INV_SLU	Combination	Min			0.	31.439	0.	-0.0165	1.804E-17
144	4.43077	INV_SLU	Combination	Min			0.	52.174	0.	-0.0165	1.356E-17
144	4.92308	INV_SLU	Combination	Min			0.	72.909	0.	-0.0165	8.433E-18
144	5.41538	INV_SLU	Combination	Min			0.	93.645	0.	-0.0165	3.309E-18
144	5.90769	INV_SLU	Combination	Min			0.	114.38	0.	-0.0165	-1.815E-18
144	6.4	INV_SLU	Combination	Min			0.	135.115	0.	-0.0165	-6.939E-18

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
144	0.	INV_SLV	Combination	Max			0.	-88.381	5.685E-16	0.7226	1.602E-15
144	0.49231	INV_SLV	Combination	Max			0.	-74.262	5.685E-16	0.7226	1.521E-15
144	0.98462	INV_SLV	Combination	Max			0.	-60.144	5.685E-16	0.7226	1.488E-15
144	1.47692	INV_SLV	Combination	Max			0.	-46.025	5.685E-16	0.7226	1.484E-15
144	1.96923	INV_SLV	Combination	Max			0.	-31.906	5.685E-16	0.7226	1.588E-15
144	2.46154	INV_SLV	Combination	Max			0.	-17.787	5.685E-16	0.7226	1.758E-15
144	2.95385	INV_SLV	Combination	Max			0.	-3.669	5.685E-16	0.7226	1.933E-15
144	3.44615	INV_SLV	Combination	Max			0.	10.45	5.685E-16	0.7226	2.112E-15
144	3.93846	INV_SLV	Combination	Max			0.	24.569	5.685E-16	0.7226	2.293E-15
144	4.43077	INV_SLV	Combination	Max			0.	38.688	5.685E-16	0.7226	2.533E-15
144	4.92308	INV_SLV	Combination	Max			0.	52.806	5.685E-16	0.7226	2.782E-15
144	5.41538	INV_SLV	Combination	Max			0.	66.925	5.685E-16	0.7226	3.032E-15
144	5.90769	INV_SLV	Combination	Max			0.	81.044	5.685E-16	0.7226	3.283E-15
144	6.4	INV_SLV	Combination	Max			0.	95.162	5.685E-16	0.7226	3.535E-15
144	0.	INV_SLV	Combination	Min			0.	-94.667	-5.685E-16	-0.7393	-1.574E-15
144	0.49231	INV_SLV	Combination	Min			0.	-80.549	-5.685E-16	-0.7393	-1.494E-15
144	0.98462	INV_SLV	Combination	Min			0.	-66.43	-5.685E-16	-0.7393	-1.460E-15
144	1.47692	INV_SLV	Combination	Min			0.	-52.311	-5.685E-16	-0.7393	-1.456E-15
144	1.96923	INV_SLV	Combination	Min			0.	-38.193	-5.685E-16	-0.7393	-1.561E-15
144	2.46154	INV_SLV	Combination	Min			0.	-24.074	-5.685E-16	-0.7393	-1.731E-15
144	2.95385	INV_SLV	Combination	Min			0.	-9.955	-5.685E-16	-0.7393	-1.906E-15
144	3.44615	INV_SLV	Combination	Min			0.	4.164	-5.685E-16	-0.7393	-2.084E-15
144	3.93846	INV_SLV	Combination	Min			0.	18.282	-5.685E-16	-0.7393	-2.265E-15
144	4.43077	INV_SLV	Combination	Min			0.	32.401	-5.685E-16	-0.7393	-2.505E-15
144	4.92308	INV_SLV	Combination	Min			0.	46.52	-5.685E-16	-0.7393	-2.754E-15
144	5.41538	INV_SLV	Combination	Min			0.	60.639	-5.685E-16	-0.7393	-3.005E-15
144	5.90769	INV_SLV	Combination	Min			0.	74.757	-5.685E-16	-0.7393	-3.255E-15
144	6.4	INV_SLV	Combination	Min			0.	88.876	-5.685E-16	-0.7393	-3.507E-15
145	0.	INV_SLU	Combination	Max			0.	-136.927	1.952E-17	-0.8283	5.204E-18
145	0.49231	INV_SLU	Combination	Max			0.	-116.192	1.952E-17	-0.8283	-1.617E-18
145	0.98462	INV_SLU	Combination	Max			0.	-95.457	1.952E-17	-0.8283	-6.357E-18
145	1.47692	INV_SLU	Combination	Max			0.	-74.721	1.952E-17	-0.8283	-1.110E-17
145	1.96923	INV_SLU	Combination	Max			0.	-53.986	1.952E-17	-0.8283	-1.584E-17
145	2.46154	INV_SLU	Combination	Max			0.	-33.251	1.952E-17	-0.8283	-2.058E-17
145	2.95385	INV_SLU	Combination	Max			0.	-12.516	1.952E-17	-0.8283	-2.532E-17
145	3.44615	INV_SLU	Combination	Max			0.	11.857	1.952E-17	-0.8283	-3.006E-17
145	3.93846	INV_SLU	Combination	Max			0.	42.672	1.952E-17	-0.8283	-3.480E-17
145	4.43077	INV_SLU	Combination	Max			0.	73.487	1.952E-17	-0.8283	-3.954E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
145	4.92308	INV_SLU	Combination	Max			0.	104.303	1.952E-17	-0.8283	-3.971E-17
145	5.41538	INV_SLU	Combination	Max			0.	135.118	1.952E-17	-0.8283	-3.869E-17
145	5.90769	INV_SLU	Combination	Max			0.	165.933	1.952E-17	-0.8283	-3.766E-17
145	6.4	INV_SLU	Combination	Max			0.	196.748	1.952E-17	-0.8283	-3.664E-17
145	0.	INV_SLU	Combination	Min			0.	-203.898	-2.082E-18	-1.2465	-8.327E-17
145	0.49231	INV_SLU	Combination	Min			0.	-173.083	-2.082E-18	-1.2465	-8.327E-17
145	0.98462	INV_SLU	Combination	Min			0.	-142.268	-2.082E-18	-1.2465	-8.327E-17
145	1.47692	INV_SLU	Combination	Min			0.	-111.453	-2.082E-18	-1.2465	-8.327E-17
145	1.96923	INV_SLU	Combination	Min			0.	-80.638	-2.082E-18	-1.2465	-8.327E-17
145	2.46154	INV_SLU	Combination	Min			0.	-49.823	-2.082E-18	-1.2465	-8.327E-17
145	2.95385	INV_SLU	Combination	Min			0.	-19.008	-2.082E-18	-1.2465	-8.327E-17
145	3.44615	INV_SLU	Combination	Min			0.	8.137	-2.082E-18	-1.2465	-8.327E-17
145	3.93846	INV_SLU	Combination	Min			0.	28.872	-2.082E-18	-1.2465	-8.327E-17
145	4.43077	INV_SLU	Combination	Min			0.	49.607	-2.082E-18	-1.2465	-8.327E-17
145	4.92308	INV_SLU	Combination	Min			0.	70.342	-2.082E-18	-1.2465	-9.087E-17
145	5.41538	INV_SLU	Combination	Min			0.	91.077	-2.082E-18	-1.2465	-1.005E-16
145	5.90769	INV_SLU	Combination	Min			0.	111.812	-2.082E-18	-1.2465	-1.101E-16
145	6.4	INV_SLU	Combination	Min			0.	132.548	-2.082E-18	-1.2465	-1.197E-16
145	0.	INV_SLV	Combination	Max			0.	-88.275	3.883E-16	0.1351	4.459E-16
145	0.49231	INV_SLV	Combination	Max			0.	-74.156	3.883E-16	0.1351	5.820E-16
145	0.98462	INV_SLV	Combination	Max			0.	-60.037	3.883E-16	0.1351	7.201E-16
145	1.47692	INV_SLV	Combination	Max			0.	-45.919	3.883E-16	0.1351	8.582E-16
145	1.96923	INV_SLV	Combination	Max			0.	-31.8	3.883E-16	0.1351	9.964E-16
145	2.46154	INV_SLV	Combination	Max			0.	-17.681	3.883E-16	0.1351	1.135E-15
145	2.95385	INV_SLV	Combination	Max			0.	-3.562	3.883E-16	0.1351	1.273E-15
145	3.44615	INV_SLV	Combination	Max			0.	10.556	3.883E-16	0.1351	1.411E-15
145	3.93846	INV_SLV	Combination	Max			0.	24.675	3.883E-16	0.1351	1.552E-15
145	4.43077	INV_SLV	Combination	Max			0.	38.794	3.883E-16	0.1351	1.730E-15
145	4.92308	INV_SLV	Combination	Max			0.	52.913	3.883E-16	0.1351	1.907E-15
145	5.41538	INV_SLV	Combination	Max			0.	67.031	3.883E-16	0.1351	2.085E-15
145	5.90769	INV_SLV	Combination	Max			0.	81.15	3.883E-16	0.1351	2.262E-15
145	6.4	INV_SLV	Combination	Max			0.	95.269	3.883E-16	0.1351	2.440E-15
145	0.	INV_SLV	Combination	Min			0.	-98.399	-3.606E-16	-1.6901	-4.459E-16
145	0.49231	INV_SLV	Combination	Min			0.	-84.28	-3.606E-16	-1.6901	-5.957E-16
145	0.98462	INV_SLV	Combination	Min			0.	-70.162	-3.606E-16	-1.6901	-7.474E-16
145	1.47692	INV_SLV	Combination	Min			0.	-56.043	-3.606E-16	-1.6901	-8.992E-16
145	1.96923	INV_SLV	Combination	Min			0.	-41.924	-3.606E-16	-1.6901	-1.051E-15
145	2.46154	INV_SLV	Combination	Min			0.	-27.805	-3.606E-16	-1.6901	-1.203E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
145	2.95385	INV_SLV	Combination	Min			0.	-13.687	-3.606E-16	-1.6901	-1.355E-15
145	3.44615	INV_SLV	Combination	Min			0.	0.432	-3.606E-16	-1.6901	-1.506E-15
145	3.93846	INV_SLV	Combination	Min			0.	14.551	-3.606E-16	-1.6901	-1.662E-15
145	4.43077	INV_SLV	Combination	Min			0.	28.67	-3.606E-16	-1.6901	-1.853E-15
145	4.92308	INV_SLV	Combination	Min			0.	42.788	-3.606E-16	-1.6901	-2.044E-15
145	5.41538	INV_SLV	Combination	Min			0.	56.907	-3.606E-16	-1.6901	-2.235E-15
145	5.90769	INV_SLV	Combination	Min			0.	71.026	-3.606E-16	-1.6901	-2.426E-15
145	6.4	INV_SLV	Combination	Min			0.	85.144	-3.606E-16	-1.6901	-2.618E-15
146	0.	INV_SLU	Combination	Max			0.	-95.165	7.425E-17	-0.0676	4.635E-16
146	0.45	INV_SLU	Combination	Max			0.	-76.211	7.425E-17	-0.0676	4.301E-16
146	0.9	INV_SLU	Combination	Max			0.	-57.258	7.425E-17	-0.0676	3.967E-16
146	1.35	INV_SLU	Combination	Max			0.	-38.305	7.425E-17	-0.0676	3.633E-16
146	1.8	INV_SLU	Combination	Max			0.	-19.352	7.425E-17	-0.0676	3.299E-16
146	2.25	INV_SLU	Combination	Max			0.	-0.398	7.425E-17	-0.0676	3.361E-16
146	2.7	INV_SLU	Combination	Max			0.	27.227	7.425E-17	-0.0676	3.742E-16
146	3.15	INV_SLU	Combination	Max			0.	55.394	7.425E-17	-0.0676	4.122E-16
146	3.6	INV_SLU	Combination	Max			0.	83.561	7.425E-17	-0.0676	4.502E-16
146	3.6	INV_SLU	Combination	Max			0.	-37.199	1.716E-16	0.3569	3.730E-16
146	4.06667	INV_SLU	Combination	Max			0.	-17.544	1.716E-16	0.3569	2.929E-16
146	4.53333	INV_SLU	Combination	Max			0.	3.199	1.716E-16	0.3569	2.128E-16
146	5.	INV_SLU	Combination	Max			0.	32.409	1.716E-16	0.3569	1.328E-16
146	5.46667	INV_SLU	Combination	Max			0.	61.619	1.716E-16	0.3569	5.271E-17
146	5.93333	INV_SLU	Combination	Max			0.	90.829	1.716E-16	0.3569	-5.146E-18
146	6.4	INV_SLU	Combination	Max			0.	120.039	1.716E-16	0.3569	-4.247E-17
146	0.	INV_SLU	Combination	Min			0.	-141.777	-8.448E-17	-0.1867	1.398E-16
146	0.45	INV_SLU	Combination	Min			0.	-113.61	-8.448E-17	-0.1867	1.605E-16
146	0.9	INV_SLU	Combination	Min			0.	-85.443	-8.448E-17	-0.1867	1.812E-16
146	1.35	INV_SLU	Combination	Min			0.	-57.276	-8.448E-17	-0.1867	2.019E-16
146	1.8	INV_SLU	Combination	Min			0.	-29.109	-8.448E-17	-0.1867	2.226E-16
146	2.25	INV_SLU	Combination	Min			0.	-0.942	-8.448E-17	-0.1867	2.194E-16
146	2.7	INV_SLU	Combination	Min			0.	18.552	-8.448E-17	-0.1867	1.973E-16
146	3.15	INV_SLU	Combination	Min			0.	37.505	-8.448E-17	-0.1867	1.751E-16
146	3.6	INV_SLU	Combination	Min			0.	56.458	-8.448E-17	-0.1867	1.529E-16
146	3.6	INV_SLU	Combination	Min			0.	-55.291	6.748E-17	0.2296	1.440E-16
146	4.06667	INV_SLU	Combination	Min			0.	-26.081	6.748E-17	0.2296	1.125E-16
146	4.53333	INV_SLU	Combination	Min			0.	1.997	6.748E-17	0.2296	8.100E-17
146	5.	INV_SLU	Combination	Min			0.	21.652	6.748E-17	0.2296	4.951E-17
146	5.46667	INV_SLU	Combination	Min			0.	41.307	6.748E-17	0.2296	1.802E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
146	5.93333	INV_SLU	Combination	Min			0.	60.962	6.748E-17	0.2296	-4.123E-17
146	6.4	INV_SLU	Combination	Min			0.	80.617	6.748E-17	0.2296	-1.116E-16
146	0.	INV_SLV	Combination	Max			0.	-57.095	3.975E-16	1.0778	6.766E-15
146	0.45	INV_SLV	Combination	Max			0.	-44.189	3.975E-16	1.0778	6.794E-15
146	0.9	INV_SLV	Combination	Max			0.	-31.284	3.975E-16	1.0778	6.829E-15
146	1.35	INV_SLV	Combination	Max			0.	-18.378	3.975E-16	1.0778	6.870E-15
146	1.8	INV_SLV	Combination	Max			0.	-5.473	3.975E-16	1.0778	6.917E-15
146	2.25	INV_SLV	Combination	Max			0.	7.432	3.975E-16	1.0778	6.970E-15
146	2.7	INV_SLV	Combination	Max			0.	20.338	3.975E-16	1.0778	7.029E-15
146	3.15	INV_SLV	Combination	Max			0.	33.243	3.975E-16	1.0778	7.094E-15
146	3.6	INV_SLV	Combination	Max			0.	46.149	3.975E-16	1.0778	7.166E-15
146	3.6	INV_SLV	Combination	Max			0.	-8.212	1.907E-15	1.2958	4.186E-15
146	4.06667	INV_SLV	Combination	Max			0.	5.171	1.907E-15	1.2958	4.053E-15
146	4.53333	INV_SLV	Combination	Max			0.	18.555	1.907E-15	1.2958	3.948E-15
146	5.	INV_SLV	Combination	Max			0.	31.938	1.907E-15	1.2958	4.087E-15
146	5.46667	INV_SLV	Combination	Max			0.	45.321	1.907E-15	1.2958	4.292E-15
146	5.93333	INV_SLV	Combination	Max			0.	58.705	1.907E-15	1.2958	4.527E-15
146	6.4	INV_SLV	Combination	Max			0.	72.088	1.907E-15	1.2958	4.801E-15
146	0.	INV_SLV	Combination	Min			0.	-72.567	-5.224E-16	-1.2321	-6.599E-15
146	0.45	INV_SLV	Combination	Min			0.	-59.662	-5.224E-16	-1.2321	-6.572E-15
146	0.9	INV_SLV	Combination	Min			0.	-46.756	-5.224E-16	-1.2321	-6.550E-15
146	1.35	INV_SLV	Combination	Min			0.	-33.851	-5.224E-16	-1.2321	-6.535E-15
146	1.8	INV_SLV	Combination	Min			0.	-20.946	-5.224E-16	-1.2321	-6.525E-15
146	2.25	INV_SLV	Combination	Min			0.	-8.04	-5.224E-16	-1.2321	-6.522E-15
146	2.7	INV_SLV	Combination	Min			0.	4.865	-5.224E-16	-1.2321	-6.525E-15
146	3.15	INV_SLV	Combination	Min			0.	17.771	-5.224E-16	-1.2321	-6.534E-15
146	3.6	INV_SLV	Combination	Min			0.	30.676	-5.224E-16	-1.2321	-6.550E-15
146	3.6	INV_SLV	Combination	Min			0.	-42.693	-1.709E-15	-0.9682	-3.776E-15
146	4.06667	INV_SLV	Combination	Min			0.	-29.31	-1.709E-15	-0.9682	-3.736E-15
146	4.53333	INV_SLV	Combination	Min			0.	-15.926	-1.709E-15	-0.9682	-3.723E-15
146	5.	INV_SLV	Combination	Min			0.	-2.543	-1.709E-15	-0.9682	-3.955E-15
146	5.46667	INV_SLV	Combination	Min			0.	10.84	-1.709E-15	-0.9682	-4.252E-15
146	5.93333	INV_SLV	Combination	Min			0.	24.224	-1.709E-15	-0.9682	-4.579E-15
146	6.4	INV_SLV	Combination	Min			0.	37.607	-1.709E-15	-0.9682	-4.945E-15
147	0.	INV_SLU	Combination	Max			0.	-220.857	-1.804E-17	0.0363	-1.138E-16
147	0.49231	INV_SLU	Combination	Max			0.	-182.266	-1.804E-17	0.0363	-1.049E-16
147	0.98462	INV_SLU	Combination	Max			0.	-143.675	-1.804E-17	0.0363	-9.603E-17
147	1.47692	INV_SLU	Combination	Max			0.	-105.084	-1.804E-17	0.0363	-8.715E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
147	1.96923	INV_SLU	Combination	Max			0.	-66.493	-1.804E-17	0.0363	-7.827E-17
147	2.46154	INV_SLU	Combination	Max			0.	-27.901	-1.804E-17	0.0363	-6.939E-17
147	2.95385	INV_SLU	Combination	Max			0.	16.195	-1.804E-17	0.0363	-5.042E-17
147	3.44615	INV_SLU	Combination	Max			0.	74.946	-1.804E-17	0.0363	-2.424E-17
147	3.93846	INV_SLU	Combination	Max			0.	133.697	-1.804E-17	0.0363	1.932E-18
147	4.43077	INV_SLU	Combination	Max			0.	192.448	-1.804E-17	0.0363	2.811E-17
147	4.92308	INV_SLU	Combination	Max			0.	251.199	-1.804E-17	0.0363	5.653E-17
147	5.41538	INV_SLU	Combination	Max			0.	309.95	-1.804E-17	0.0363	8.501E-17
147	5.90769	INV_SLU	Combination	Max			0.	368.702	-1.804E-17	0.0363	1.135E-16
147	6.4	INV_SLU	Combination	Max			0.	427.453	-1.804E-17	0.0363	1.420E-16
147	0.	INV_SLU	Combination	Min			0.	-336.847	-5.785E-17	0.0111	-2.283E-16
147	0.49231	INV_SLU	Combination	Min			0.	-278.096	-5.785E-17	0.0111	-1.998E-16
147	0.98462	INV_SLU	Combination	Min			0.	-219.344	-5.785E-17	0.0111	-1.713E-16
147	1.47692	INV_SLU	Combination	Min			0.	-160.593	-5.785E-17	0.0111	-1.428E-16
147	1.96923	INV_SLU	Combination	Min			0.	-101.842	-5.785E-17	0.0111	-1.144E-16
147	2.46154	INV_SLU	Combination	Min			0.	-43.091	-5.785E-17	0.0111	-8.588E-17
147	2.95385	INV_SLU	Combination	Min			0.	9.799	-5.785E-17	0.0111	-6.345E-17
147	3.44615	INV_SLU	Combination	Min			0.	48.39	-5.785E-17	0.0111	-5.163E-17
147	3.93846	INV_SLU	Combination	Min			0.	86.981	-5.785E-17	0.0111	-4.274E-17
147	4.43077	INV_SLU	Combination	Min			0.	125.572	-5.785E-17	0.0111	-3.386E-17
147	4.92308	INV_SLU	Combination	Min			0.	164.163	-5.785E-17	0.0111	-2.498E-17
147	5.41538	INV_SLU	Combination	Min			0.	202.754	-5.785E-17	0.0111	-1.610E-17
147	5.90769	INV_SLU	Combination	Min			0.	241.346	-5.785E-17	0.0111	-7.216E-18
147	6.4	INV_SLU	Combination	Min			0.	279.937	-5.785E-17	0.0111	1.665E-18
147	0.	INV_SLV	Combination	Max			0.	-145.552	1.655E-15	0.4997	3.932E-15
147	0.49231	INV_SLV	Combination	Max			0.	-119.53	1.655E-15	0.4997	3.278E-15
147	0.98462	INV_SLV	Combination	Max			0.	-93.507	1.655E-15	0.4997	2.660E-15
147	1.47692	INV_SLV	Combination	Max			0.	-67.484	1.655E-15	0.4997	2.088E-15
147	1.96923	INV_SLV	Combination	Max			0.	-41.461	1.655E-15	0.4997	1.897E-15
147	2.46154	INV_SLV	Combination	Max			0.	-15.439	1.655E-15	0.4997	2.277E-15
147	2.95385	INV_SLV	Combination	Max			0.	10.584	1.655E-15	0.4997	2.726E-15
147	3.44615	INV_SLV	Combination	Max			0.	36.607	1.655E-15	0.4997	3.220E-15
147	3.93846	INV_SLV	Combination	Max			0.	62.63	1.655E-15	0.4997	3.749E-15
147	4.43077	INV_SLV	Combination	Max			0.	88.652	1.655E-15	0.4997	4.359E-15
147	4.92308	INV_SLV	Combination	Max			0.	114.675	1.655E-15	0.4997	5.109E-15
147	5.41538	INV_SLV	Combination	Max			0.	140.698	1.655E-15	0.4997	5.885E-15
147	5.90769	INV_SLV	Combination	Max			0.	166.72	1.655E-15	0.4997	6.678E-15
147	6.4	INV_SLV	Combination	Max			0.	192.743	1.655E-15	0.4997	7.482E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
147	0.	INV_SLV	Combination	Min			0.	-152.264	-1.711E-15	-0.4799	-4.154E-15
147	0.49231	INV_SLV	Combination	Min			0.	-126.241	-1.711E-15	-0.4799	-3.473E-15
147	0.98462	INV_SLV	Combination	Min			0.	-100.218	-1.711E-15	-0.4799	-2.828E-15
147	1.47692	INV_SLV	Combination	Min			0.	-74.195	-1.711E-15	-0.4799	-2.228E-15
147	1.96923	INV_SLV	Combination	Min			0.	-48.173	-1.711E-15	-0.4799	-2.009E-15
147	2.46154	INV_SLV	Combination	Min			0.	-22.15	-1.711E-15	-0.4799	-2.362E-15
147	2.95385	INV_SLV	Combination	Min			0.	3.873	-1.711E-15	-0.4799	-2.784E-15
147	3.44615	INV_SLV	Combination	Min			0.	29.895	-1.711E-15	-0.4799	-3.250E-15
147	3.93846	INV_SLV	Combination	Min			0.	55.918	-1.711E-15	-0.4799	-3.753E-15
147	4.43077	INV_SLV	Combination	Min			0.	81.941	-1.711E-15	-0.4799	-4.335E-15
147	4.92308	INV_SLV	Combination	Min			0.	107.964	-1.711E-15	-0.4799	-5.058E-15
147	5.41538	INV_SLV	Combination	Min			0.	133.986	-1.711E-15	-0.4799	-5.806E-15
147	5.90769	INV_SLV	Combination	Min			0.	160.009	-1.711E-15	-0.4799	-6.572E-15
147	6.4	INV_SLV	Combination	Min			0.	186.032	-1.711E-15	-0.4799	-7.349E-15
148	0.	INV_SLU	Combination	Max			0.	-255.933	4.025E-17	0.027	7.772E-17
148	0.49231	INV_SLU	Combination	Max			0.	-217.342	4.025E-17	0.027	5.790E-17
148	0.98462	INV_SLU	Combination	Max			0.	-178.75	4.025E-17	0.027	3.809E-17
148	1.47692	INV_SLU	Combination	Max			0.	-140.159	4.025E-17	0.027	1.828E-17
148	1.96923	INV_SLU	Combination	Max			0.	-101.568	4.025E-17	0.027	-1.537E-18
148	2.46154	INV_SLU	Combination	Max			0.	-62.977	4.025E-17	0.027	-2.135E-17
148	2.95385	INV_SLU	Combination	Max			0.	-24.386	4.025E-17	0.027	-4.116E-17
148	3.44615	INV_SLU	Combination	Max			0.	21.444	4.025E-17	0.027	-6.098E-17
148	3.93846	INV_SLU	Combination	Max			0.	80.195	4.025E-17	0.027	-8.079E-17
148	4.43077	INV_SLU	Combination	Max			0.	138.946	4.025E-17	0.027	-9.164E-17
148	4.92308	INV_SLU	Combination	Max			0.	197.697	4.025E-17	0.027	-1.012E-16
148	5.41538	INV_SLU	Combination	Max			0.	256.449	4.025E-17	0.027	-1.108E-16
148	5.90769	INV_SLU	Combination	Max			0.	315.2	4.025E-17	0.027	-1.203E-16
148	6.4	INV_SLU	Combination	Max			0.	373.951	4.025E-17	0.027	-1.299E-16
148	0.	INV_SLU	Combination	Min			0.	-389.969	1.943E-17	0.0121	-5.551E-18
148	0.49231	INV_SLU	Combination	Min			0.	-331.218	1.943E-17	0.0121	-1.512E-17
148	0.98462	INV_SLU	Combination	Min			0.	-272.467	1.943E-17	0.0121	-2.468E-17
148	1.47692	INV_SLU	Combination	Min			0.	-213.716	1.943E-17	0.0121	-3.425E-17
148	1.96923	INV_SLU	Combination	Min			0.	-154.965	1.943E-17	0.0121	-4.381E-17
148	2.46154	INV_SLU	Combination	Min			0.	-96.213	1.943E-17	0.0121	-5.338E-17
148	2.95385	INV_SLU	Combination	Min			0.	-37.462	1.943E-17	0.0121	-6.294E-17
148	3.44615	INV_SLU	Combination	Min			0.	13.947	1.943E-17	0.0121	-7.251E-17
148	3.93846	INV_SLU	Combination	Min			0.	52.538	1.943E-17	0.0121	-8.207E-17
148	4.43077	INV_SLU	Combination	Min			0.	91.129	1.943E-17	0.0121	-1.006E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
148	4.92308	INV_SLU	Combination	Min			0.	129.72	1.943E-17	0.0121	-1.204E-16
148	5.41538	INV_SLU	Combination	Min			0.	168.311	1.943E-17	0.0121	-1.402E-16
148	5.90769	INV_SLU	Combination	Min			0.	206.902	1.943E-17	0.0121	-1.600E-16
148	6.4	INV_SLU	Combination	Min			0.	245.493	1.943E-17	0.0121	-1.799E-16
148	0.	INV_SLV	Combination	Max			0.	-170.377	9.902E-16	0.5099	3.369E-17
148	0.49231	INV_SLV	Combination	Max			0.	-144.354	9.902E-16	0.5099	4.948E-16
148	0.98462	INV_SLV	Combination	Max			0.	-118.331	9.902E-16	0.5099	9.618E-16
148	1.47692	INV_SLV	Combination	Max			0.	-92.308	9.902E-16	0.5099	1.429E-15
148	1.96923	INV_SLV	Combination	Max			0.	-66.286	9.902E-16	0.5099	1.896E-15
148	2.46154	INV_SLV	Combination	Max			0.	-40.263	9.902E-16	0.5099	2.363E-15
148	2.95385	INV_SLV	Combination	Max			0.	-14.24	9.902E-16	0.5099	2.830E-15
148	3.44615	INV_SLV	Combination	Max			0.	11.782	9.902E-16	0.5099	3.297E-15
148	3.93846	INV_SLV	Combination	Max			0.	37.805	9.902E-16	0.5099	3.764E-15
148	4.43077	INV_SLV	Combination	Max			0.	63.828	9.902E-16	0.5099	4.231E-15
148	4.92308	INV_SLV	Combination	Max			0.	89.851	9.902E-16	0.5099	4.698E-15
148	5.41538	INV_SLV	Combination	Max			0.	115.873	9.902E-16	0.5099	5.165E-15
148	5.90769	INV_SLV	Combination	Max			0.	141.896	9.902E-16	0.5099	5.632E-15
148	6.4	INV_SLV	Combination	Max			0.	167.919	9.902E-16	0.5099	6.099E-15
148	0.	INV_SLV	Combination	Min			0.	-175.115	-9.486E-16	-0.4886	2.182E-17
148	0.49231	INV_SLV	Combination	Min			0.	-149.093	-9.486E-16	-0.4886	-4.598E-16
148	0.98462	INV_SLV	Combination	Min			0.	-123.07	-9.486E-16	-0.4886	-9.472E-16
148	1.47692	INV_SLV	Combination	Min			0.	-97.047	-9.486E-16	-0.4886	-1.435E-15
148	1.96923	INV_SLV	Combination	Min			0.	-71.024	-9.486E-16	-0.4886	-1.922E-15
148	2.46154	INV_SLV	Combination	Min			0.	-45.002	-9.486E-16	-0.4886	-2.410E-15
148	2.95385	INV_SLV	Combination	Min			0.	-18.979	-9.486E-16	-0.4886	-2.897E-15
148	3.44615	INV_SLV	Combination	Min			0.	7.044	-9.486E-16	-0.4886	-3.385E-15
148	3.93846	INV_SLV	Combination	Min			0.	33.066	-9.486E-16	-0.4886	-3.872E-15
148	4.43077	INV_SLV	Combination	Min			0.	59.089	-9.486E-16	-0.4886	-4.360E-15
148	4.92308	INV_SLV	Combination	Min			0.	85.112	-9.486E-16	-0.4886	-4.847E-15
148	5.41538	INV_SLV	Combination	Min			0.	111.135	-9.486E-16	-0.4886	-5.335E-15
148	5.90769	INV_SLV	Combination	Min			0.	137.157	-9.486E-16	-0.4886	-5.822E-15
148	6.4	INV_SLV	Combination	Min			0.	163.18	-9.486E-16	-0.4886	-6.310E-15
149	0.	INV_SLU	Combination	Max			0.	-250.189	1.041E-17	0.0604	5.967E-17
149	0.49231	INV_SLU	Combination	Max			0.	-211.598	1.041E-17	0.0604	5.455E-17
149	0.98462	INV_SLU	Combination	Max			0.	-173.006	1.041E-17	0.0604	4.943E-17
149	1.47692	INV_SLU	Combination	Max			0.	-134.415	1.041E-17	0.0604	4.430E-17
149	1.96923	INV_SLU	Combination	Max			0.	-95.824	1.041E-17	0.0604	3.918E-17
149	2.46154	INV_SLU	Combination	Max			0.	-57.233	1.041E-17	0.0604	3.405E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
149	2.95385	INV_SLU	Combination	Max			0.	-18.642	1.041E-17	0.0604	2.893E-17
149	3.44615	INV_SLU	Combination	Max			0.	30.381	1.041E-17	0.0604	2.381E-17
149	3.93846	INV_SLU	Combination	Max			0.	89.132	1.041E-17	0.0604	1.868E-17
149	4.43077	INV_SLU	Combination	Max			0.	147.883	1.041E-17	0.0604	1.804E-17
149	4.92308	INV_SLU	Combination	Max			0.	206.634	1.041E-17	0.0604	1.804E-17
149	5.41538	INV_SLU	Combination	Max			0.	265.385	1.041E-17	0.0604	1.804E-17
149	5.90769	INV_SLU	Combination	Max			0.	324.136	1.041E-17	0.0604	1.804E-17
149	6.4	INV_SLU	Combination	Max			0.	382.887	1.041E-17	0.0604	1.804E-17
149	0.	INV_SLU	Combination	Min			0.	-380.892	0.	0.041	1.804E-17
149	0.49231	INV_SLU	Combination	Min			0.	-322.141	0.	0.041	1.804E-17
149	0.98462	INV_SLU	Combination	Min			0.	-263.39	0.	0.041	1.804E-17
149	1.47692	INV_SLU	Combination	Min			0.	-204.639	0.	0.041	1.804E-17
149	1.96923	INV_SLU	Combination	Min			0.	-145.888	0.	0.041	1.804E-17
149	2.46154	INV_SLU	Combination	Min			0.	-87.137	0.	0.041	1.804E-17
149	2.95385	INV_SLU	Combination	Min			0.	-28.385	0.	0.041	1.804E-17
149	3.44615	INV_SLU	Combination	Min			0.	19.924	0.	0.041	1.804E-17
149	3.93846	INV_SLU	Combination	Min			0.	58.516	0.	0.041	1.804E-17
149	4.43077	INV_SLU	Combination	Min			0.	97.107	0.	0.041	1.356E-17
149	4.92308	INV_SLU	Combination	Min			0.	135.698	0.	0.041	8.433E-18
149	5.41538	INV_SLU	Combination	Min			0.	174.289	0.	0.041	3.309E-18
149	5.90769	INV_SLU	Combination	Min			0.	212.88	0.	0.041	-1.815E-18
149	6.4	INV_SLU	Combination	Min			0.	251.471	0.	0.041	-6.939E-18
149	0.	INV_SLV	Combination	Max			0.	-166.263	5.685E-16	0.5369	1.602E-15
149	0.49231	INV_SLV	Combination	Max			0.	-140.241	5.685E-16	0.5369	1.521E-15
149	0.98462	INV_SLV	Combination	Max			0.	-114.218	5.685E-16	0.5369	1.488E-15
149	1.47692	INV_SLV	Combination	Max			0.	-88.195	5.685E-16	0.5369	1.484E-15
149	1.96923	INV_SLV	Combination	Max			0.	-62.172	5.685E-16	0.5369	1.588E-15
149	2.46154	INV_SLV	Combination	Max			0.	-36.15	5.685E-16	0.5369	1.758E-15
149	2.95385	INV_SLV	Combination	Max			0.	-10.127	5.685E-16	0.5369	1.933E-15
149	3.44615	INV_SLV	Combination	Max			0.	15.896	5.685E-16	0.5369	2.112E-15
149	3.93846	INV_SLV	Combination	Max			0.	41.919	5.685E-16	0.5369	2.293E-15
149	4.43077	INV_SLV	Combination	Max			0.	67.941	5.685E-16	0.5369	2.533E-15
149	4.92308	INV_SLV	Combination	Max			0.	93.964	5.685E-16	0.5369	2.782E-15
149	5.41538	INV_SLV	Combination	Max			0.	119.987	5.685E-16	0.5369	3.032E-15
149	5.90769	INV_SLV	Combination	Max			0.	146.009	5.685E-16	0.5369	3.283E-15
149	6.4	INV_SLV	Combination	Max			0.	172.032	5.685E-16	0.5369	3.535E-15
149	0.	INV_SLV	Combination	Min			0.	-171.172	-5.685E-16	-0.4747	-1.574E-15
149	0.49231	INV_SLV	Combination	Min			0.	-145.149	-5.685E-16	-0.4747	-1.494E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
149	0.98462	INV_SLV	Combination	Min			0.	-119.126	-5.685E-16	-0.4747	-1.460E-15
149	1.47692	INV_SLV	Combination	Min			0.	-93.104	-5.685E-16	-0.4747	-1.456E-15
149	1.96923	INV_SLV	Combination	Min			0.	-67.081	-5.685E-16	-0.4747	-1.561E-15
149	2.46154	INV_SLV	Combination	Min			0.	-41.058	-5.685E-16	-0.4747	-1.731E-15
149	2.95385	INV_SLV	Combination	Min			0.	-15.035	-5.685E-16	-0.4747	-1.906E-15
149	3.44615	INV_SLV	Combination	Min			0.	10.987	-5.685E-16	-0.4747	-2.084E-15
149	3.93846	INV_SLV	Combination	Min			0.	37.01	-5.685E-16	-0.4747	-2.265E-15
149	4.43077	INV_SLV	Combination	Min			0.	63.033	-5.685E-16	-0.4747	-2.505E-15
149	4.92308	INV_SLV	Combination	Min			0.	89.055	-5.685E-16	-0.4747	-2.754E-15
149	5.41538	INV_SLV	Combination	Min			0.	115.078	-5.685E-16	-0.4747	-3.005E-15
149	5.90769	INV_SLV	Combination	Min			0.	141.101	-5.685E-16	-0.4747	-3.255E-15
149	6.4	INV_SLV	Combination	Min			0.	167.124	-5.685E-16	-0.4747	-3.507E-15
150	0.	INV_SLU	Combination	Max			0.	-250.919	1.952E-17	1.739	5.204E-18
150	0.49231	INV_SLU	Combination	Max			0.	-212.328	1.952E-17	1.739	-1.617E-18
150	0.98462	INV_SLU	Combination	Max			0.	-173.737	1.952E-17	1.739	-6.357E-18
150	1.47692	INV_SLU	Combination	Max			0.	-135.146	1.952E-17	1.739	-1.110E-17
150	1.96923	INV_SLU	Combination	Max			0.	-96.555	1.952E-17	1.739	-1.584E-17
150	2.46154	INV_SLU	Combination	Max			0.	-57.963	1.952E-17	1.739	-2.058E-17
150	2.95385	INV_SLU	Combination	Max			0.	-19.372	1.952E-17	1.739	-2.532E-17
150	3.44615	INV_SLU	Combination	Max			0.	29.177	1.952E-17	1.739	-3.006E-17
150	3.93846	INV_SLU	Combination	Max			0.	87.928	1.952E-17	1.739	-3.480E-17
150	4.43077	INV_SLU	Combination	Max			0.	146.68	1.952E-17	1.739	-3.954E-17
150	4.92308	INV_SLU	Combination	Max			0.	205.431	1.952E-17	1.739	-3.971E-17
150	5.41538	INV_SLU	Combination	Max			0.	264.182	1.952E-17	1.739	-3.869E-17
150	5.90769	INV_SLU	Combination	Max			0.	322.933	1.952E-17	1.739	-3.766E-17
150	6.4	INV_SLU	Combination	Max			0.	381.684	1.952E-17	1.739	-3.664E-17
150	0.	INV_SLU	Combination	Min			0.	-382.134	-2.082E-18	1.2741	-8.327E-17
150	0.49231	INV_SLU	Combination	Min			0.	-323.383	-2.082E-18	1.2741	-8.327E-17
150	0.98462	INV_SLU	Combination	Min			0.	-264.632	-2.082E-18	1.2741	-8.327E-17
150	1.47692	INV_SLU	Combination	Min			0.	-205.881	-2.082E-18	1.2741	-8.327E-17
150	1.96923	INV_SLU	Combination	Min			0.	-147.13	-2.082E-18	1.2741	-8.327E-17
150	2.46154	INV_SLU	Combination	Min			0.	-88.379	-2.082E-18	1.2741	-8.327E-17
150	2.95385	INV_SLU	Combination	Min			0.	-29.627	-2.082E-18	1.2741	-8.327E-17
150	3.44615	INV_SLU	Combination	Min			0.	19.13	-2.082E-18	1.2741	-8.327E-17
150	3.93846	INV_SLU	Combination	Min			0.	57.721	-2.082E-18	1.2741	-8.327E-17
150	4.43077	INV_SLU	Combination	Min			0.	96.312	-2.082E-18	1.2741	-8.327E-17
150	4.92308	INV_SLU	Combination	Min			0.	134.903	-2.082E-18	1.2741	-9.087E-17
150	5.41538	INV_SLU	Combination	Min			0.	173.494	-2.082E-18	1.2741	-1.005E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
150	5.90769	INV_SLU	Combination	Min			0.	212.085	-2.082E-18	1.2741	-1.101E-16
150	6.4	INV_SLU	Combination	Min			0.	250.676	-2.082E-18	1.2741	-1.197E-16
150	0.	INV_SLV	Combination	Max			0.	-166.477	3.883E-16	2.1104	4.459E-16
150	0.49231	INV_SLV	Combination	Max			0.	-140.455	3.883E-16	2.1104	5.820E-16
150	0.98462	INV_SLV	Combination	Max			0.	-114.432	3.883E-16	2.1104	7.201E-16
150	1.47692	INV_SLV	Combination	Max			0.	-88.409	3.883E-16	2.1104	8.582E-16
150	1.96923	INV_SLV	Combination	Max			0.	-62.387	3.883E-16	2.1104	9.964E-16
150	2.46154	INV_SLV	Combination	Max			0.	-36.364	3.883E-16	2.1104	1.135E-15
150	2.95385	INV_SLV	Combination	Max			0.	-10.341	3.883E-16	2.1104	1.273E-15
150	3.44615	INV_SLV	Combination	Max			0.	15.682	3.883E-16	2.1104	1.411E-15
150	3.93846	INV_SLV	Combination	Max			0.	41.704	3.883E-16	2.1104	1.552E-15
150	4.43077	INV_SLV	Combination	Max			0.	67.727	3.883E-16	2.1104	1.730E-15
150	4.92308	INV_SLV	Combination	Max			0.	93.75	3.883E-16	2.1104	1.907E-15
150	5.41538	INV_SLV	Combination	Max			0.	119.773	3.883E-16	2.1104	2.085E-15
150	5.90769	INV_SLV	Combination	Max			0.	145.795	3.883E-16	2.1104	2.262E-15
150	6.4	INV_SLV	Combination	Max			0.	171.818	3.883E-16	2.1104	2.440E-15
150	0.	INV_SLV	Combination	Min			0.	-171.992	-3.606E-16	-0.2387	-4.459E-16
150	0.49231	INV_SLV	Combination	Min			0.	-145.969	-3.606E-16	-0.2387	-5.957E-16
150	0.98462	INV_SLV	Combination	Min			0.	-119.947	-3.606E-16	-0.2387	-7.474E-16
150	1.47692	INV_SLV	Combination	Min			0.	-93.924	-3.606E-16	-0.2387	-8.992E-16
150	1.96923	INV_SLV	Combination	Min			0.	-67.901	-3.606E-16	-0.2387	-1.051E-15
150	2.46154	INV_SLV	Combination	Min			0.	-41.878	-3.606E-16	-0.2387	-1.203E-15
150	2.95385	INV_SLV	Combination	Min			0.	-15.856	-3.606E-16	-0.2387	-1.355E-15
150	3.44615	INV_SLV	Combination	Min			0.	10.167	-3.606E-16	-0.2387	-1.506E-15
150	3.93846	INV_SLV	Combination	Min			0.	36.19	-3.606E-16	-0.2387	-1.662E-15
150	4.43077	INV_SLV	Combination	Min			0.	62.213	-3.606E-16	-0.2387	-1.853E-15
150	4.92308	INV_SLV	Combination	Min			0.	88.235	-3.606E-16	-0.2387	-2.044E-15
150	5.41538	INV_SLV	Combination	Min			0.	114.258	-3.606E-16	-0.2387	-2.235E-15
150	5.90769	INV_SLV	Combination	Min			0.	140.281	-3.606E-16	-0.2387	-2.426E-15
150	6.4	INV_SLV	Combination	Min			0.	166.304	-3.606E-16	-0.2387	-2.618E-15
151	0.	INV_SLU	Combination	Max			0.	-250.994	8.214E-17	-0.0417	-3.868E-17
151	0.49231	INV_SLU	Combination	Max			0.	-212.403	8.214E-17	-0.0417	-5.927E-17
151	0.98462	INV_SLU	Combination	Max			0.	-173.812	8.214E-17	-0.0417	-7.985E-17
151	1.47692	INV_SLU	Combination	Max			0.	-135.221	8.214E-17	-0.0417	-1.004E-16
151	1.96923	INV_SLU	Combination	Max			0.	-96.63	8.214E-17	-0.0417	-1.210E-16
151	2.46154	INV_SLU	Combination	Max			0.	-58.038	8.214E-17	-0.0417	-1.416E-16
151	2.95385	INV_SLU	Combination	Max			0.	-19.447	8.214E-17	-0.0417	-1.622E-16
151	3.44615	INV_SLU	Combination	Max			0.	29.054	8.214E-17	-0.0417	-1.828E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
151	3.93846	INV_SLU	Combination	Max			0.	87.805	8.214E-17	-0.0417	-2.033E-16
151	4.43077	INV_SLU	Combination	Max			0.	146.556	8.214E-17	-0.0417	-2.237E-16
151	4.92308	INV_SLU	Combination	Max			0.	205.308	8.214E-17	-0.0417	-2.440E-16
151	5.41538	INV_SLU	Combination	Max			0.	264.059	8.214E-17	-0.0417	-2.643E-16
151	5.90769	INV_SLU	Combination	Max			0.	322.81	8.214E-17	-0.0417	-2.847E-16
151	6.4	INV_SLU	Combination	Max			0.	381.561	8.214E-17	-0.0417	-3.050E-16
151	0.	INV_SLU	Combination	Min			0.	-382.249	4.129E-17	-0.073	-4.389E-17
151	0.49231	INV_SLU	Combination	Min			0.	-323.498	4.129E-17	-0.073	-8.433E-17
151	0.98462	INV_SLU	Combination	Min			0.	-264.747	4.129E-17	-0.073	-1.248E-16
151	1.47692	INV_SLU	Combination	Min			0.	-205.995	4.129E-17	-0.073	-1.652E-16
151	1.96923	INV_SLU	Combination	Min			0.	-147.244	4.129E-17	-0.073	-2.056E-16
151	2.46154	INV_SLU	Combination	Min			0.	-88.493	4.129E-17	-0.073	-2.461E-16
151	2.95385	INV_SLU	Combination	Min			0.	-29.742	4.129E-17	-0.073	-2.865E-16
151	3.44615	INV_SLU	Combination	Min			0.	19.069	4.129E-17	-0.073	-3.270E-16
151	3.93846	INV_SLU	Combination	Min			0.	57.66	4.129E-17	-0.073	-3.674E-16
151	4.43077	INV_SLU	Combination	Min			0.	96.251	4.129E-17	-0.073	-4.078E-16
151	4.92308	INV_SLU	Combination	Min			0.	134.843	4.129E-17	-0.073	-4.483E-16
151	5.41538	INV_SLU	Combination	Min			0.	173.434	4.129E-17	-0.073	-4.887E-16
151	5.90769	INV_SLU	Combination	Min			0.	212.025	4.129E-17	-0.073	-5.291E-16
151	6.4	INV_SLU	Combination	Min			0.	250.616	4.129E-17	-0.073	-5.696E-16
151	0.	INV_SLV	Combination	Max			0.	-166.574	1.771E-16	0.244	1.682E-15
151	0.49231	INV_SLV	Combination	Max			0.	-140.551	1.771E-16	0.244	1.614E-15
151	0.98462	INV_SLV	Combination	Max			0.	-114.528	1.771E-16	0.244	1.546E-15
151	1.47692	INV_SLV	Combination	Max			0.	-88.506	1.771E-16	0.244	1.478E-15
151	1.96923	INV_SLV	Combination	Max			0.	-62.483	1.771E-16	0.244	1.460E-15
151	2.46154	INV_SLV	Combination	Max			0.	-36.46	1.771E-16	0.244	1.488E-15
151	2.95385	INV_SLV	Combination	Max			0.	-10.438	1.771E-16	0.244	1.517E-15
151	3.44615	INV_SLV	Combination	Max			0.	15.585	1.771E-16	0.244	1.546E-15
151	3.93846	INV_SLV	Combination	Max			0.	41.608	1.771E-16	0.244	1.582E-15
151	4.43077	INV_SLV	Combination	Max			0.	67.631	1.771E-16	0.244	1.621E-15
151	4.92308	INV_SLV	Combination	Max			0.	93.653	1.771E-16	0.244	1.660E-15
151	5.41538	INV_SLV	Combination	Max			0.	119.676	1.771E-16	0.244	1.699E-15
151	5.90769	INV_SLV	Combination	Max			0.	145.699	1.771E-16	0.244	1.739E-15
151	6.4	INV_SLV	Combination	Max			0.	171.722	1.771E-16	0.244	1.779E-15
151	0.	INV_SLV	Combination	Min			0.	-172.003	-1.234E-16	-0.2966	-1.741E-15
151	0.49231	INV_SLV	Combination	Min			0.	-145.98	-1.234E-16	-0.2966	-1.699E-15
151	0.98462	INV_SLV	Combination	Min			0.	-119.957	-1.234E-16	-0.2966	-1.658E-15
151	1.47692	INV_SLV	Combination	Min			0.	-93.934	-1.234E-16	-0.2966	-1.616E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
151	1.96923	INV_SLV	Combination	Min			0.	-67.912	-1.234E-16	-0.2966	-1.625E-15
151	2.46154	INV_SLV	Combination	Min			0.	-41.889	-1.234E-16	-0.2966	-1.679E-15
151	2.95385	INV_SLV	Combination	Min			0.	-15.866	-1.234E-16	-0.2966	-1.734E-15
151	3.44615	INV_SLV	Combination	Min			0.	10.156	-1.234E-16	-0.2966	-1.790E-15
151	3.93846	INV_SLV	Combination	Min			0.	36.179	-1.234E-16	-0.2966	-1.853E-15
151	4.43077	INV_SLV	Combination	Min			0.	62.202	-1.234E-16	-0.2966	-1.918E-15
151	4.92308	INV_SLV	Combination	Min			0.	88.225	-1.234E-16	-0.2966	-1.984E-15
151	5.41538	INV_SLV	Combination	Min			0.	114.247	-1.234E-16	-0.2966	-2.050E-15
151	5.90769	INV_SLV	Combination	Min			0.	140.27	-1.234E-16	-0.2966	-2.116E-15
151	6.4	INV_SLV	Combination	Min			0.	166.293	-1.234E-16	-0.2966	-2.182E-15
152	0.	INV_SLU	Combination	Max			-315.875	-0.927	0.015	-0.0242	0.2108
152	1.75	INV_SLU	Combination	Max			-305.64	-11.427	0.015	-0.0242	0.1998
152	3.5	INV_SLU	Combination	Max			-295.406	-13.627	0.015	-0.0242	0.6492
152	0.	INV_SLU	Combination	Min			-449.929	-15.082	-0.257	-0.0589	-0.2496
152	1.75	INV_SLU	Combination	Min			-439.694	-15.082	-0.257	-0.0589	0.1844
152	3.5	INV_SLU	Combination	Min			-429.46	-21.927	-0.257	-0.0589	0.1579
152	0.	INV_SLV	Combination	Max			-207.853	4.995	11.918	1.118	20.5058
152	1.75	INV_SLV	Combination	Max			-199.98	4.995	11.918	1.118	0.6189
152	3.5	INV_SLV	Combination	Max			-192.107	4.995	11.918	1.118	21.8009
152	0.	INV_SLV	Combination	Min			-229.946	-25.331	-12.109	-1.1625	-20.5827
152	1.75	INV_SLV	Combination	Min			-222.074	-25.331	-12.109	-1.1625	-0.3614
152	3.5	INV_SLV	Combination	Min			-214.201	-25.331	-12.109	-1.1625	-21.209
153	0.	INV_SLU	Combination	Max			-309.811	-1.009	0.411	-0.0242	0.6038
153	1.75	INV_SLU	Combination	Max			-299.576	-11.509	0.411	-0.0242	-0.0986
153	3.5	INV_SLU	Combination	Max			-289.342	-13.87	0.411	-0.0242	-0.7007
153	0.	INV_SLU	Combination	Min			-440.037	-15.375	0.344	-0.0589	0.4189
153	1.75	INV_SLU	Combination	Min			-429.803	-15.375	0.344	-0.0589	-0.1945
153	3.5	INV_SLU	Combination	Min			-419.568	-22.009	0.344	-0.0589	-0.8681
153	0.	INV_SLV	Combination	Max			-205.701	8.747	11.558	1.118	19.6401
153	1.75	INV_SLV	Combination	Max			-197.829	8.747	11.558	1.118	0.4696
153	3.5	INV_SLV	Combination	Max			-189.956	8.747	11.558	1.118	20.0545
153	0.	INV_SLV	Combination	Min			-223.639	-29.414	-11.196	-1.1625	-19.1325
153	1.75	INV_SLV	Combination	Min			-215.766	-29.414	-11.196	-1.1625	-0.5945
153	3.5	INV_SLV	Combination	Min			-207.893	-29.414	-11.196	-1.1625	-20.8119
154	0.	INV_SLU	Combination	Max			-330.661	-0.559	-5.837	-0.0242	-10.0141
154	1.75	INV_SLU	Combination	Max			-320.427	-11.059	-5.837	-0.0242	0.6222
154	3.5	INV_SLU	Combination	Max			-310.193	-13.501	-5.837	-0.0242	15.5359
154	0.	INV_SLU	Combination	Min			-472.501	-14.877	-8.522	-0.0589	-14.3218

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
154	1.75	INV_SLU	Combination	Min			-462.267	-14.877	-8.522	-0.0589	0.1509
154	3.5	INV_SLU	Combination	Min			-452.032	-21.559	-8.522	-0.0589	10.3665
154	0.	INV_SLV	Combination	Max			-216.354	13.118	8.076	1.118	13.7336
154	1.75	INV_SLV	Combination	Max			-208.482	13.118	8.076	1.118	0.6359
154	3.5	INV_SLV	Combination	Max			-200.609	13.118	8.076	1.118	28.8044
154	0.	INV_SLV	Combination	Min			-241.562	-33.258	-16.098	-1.1625	-27.5396
154	1.75	INV_SLV	Combination	Min			-233.69	-33.258	-16.098	-1.1625	-0.4032
154	3.5	INV_SLV	Combination	Min			-225.817	-33.258	-16.098	-1.1625	-14.533
155	0.	INV_SLU	Combination	Max			-160.217	-3.923	55.805	-0.0242	91.6586
155	1.75	INV_SLU	Combination	Max			-149.982	-9.173	51.997	-0.0242	0.3081
155	3.5	INV_SLU	Combination	Max			-139.748	-10.955	51.694	-0.0242	-60.8491
155	0.	INV_SLU	Combination	Min			-217.747	-11.011	36.355	-0.0589	63.9301
155	1.75	INV_SLU	Combination	Min			-207.513	-11.011	36.355	-0.0589	-2.6679
155	3.5	INV_SLU	Combination	Min			-197.278	-14.423	30.513	-0.0589	-91.8087
155	0.	INV_SLV	Combination	Max			-99.755	21.257	33.211	1.118	57.546
155	1.75	INV_SLV	Combination	Max			-91.882	21.257	33.211	1.118	0.9237
155	3.5	INV_SLV	Combination	Max			-84.01	21.257	33.211	1.118	-27.259
155	0.	INV_SLV	Combination	Min			-126.326	-38.004	16.095	-1.1625	29.0702
155	1.75	INV_SLV	Combination	Min			-118.454	-38.004	16.095	-1.1625	-0.5923
155	3.5	INV_SLV	Combination	Min			-110.581	-38.004	16.095	-1.1625	-58.6945
156	0.	INV_SLU	Combination	Max			-567.795	-0.521	-0.641	-0.0242	-1.0896
156	1.75	INV_SLU	Combination	Max			-557.56	-0.521	-0.641	-0.0242	0.0731
156	3.5	INV_SLU	Combination	Max			-547.326	-0.521	-0.641	-0.0242	2.226
156	0.	INV_SLU	Combination	Min			-828.366	-2.225	-1.23	-0.0589	-2.0797
156	1.75	INV_SLU	Combination	Min			-818.132	-2.225	-1.23	-0.0589	0.0329
156	3.5	INV_SLU	Combination	Min			-807.898	-2.225	-1.23	-0.0589	1.1553
156	0.	INV_SLV	Combination	Max			-388.804	27.025	8.377	1.118	14.2446
156	1.75	INV_SLV	Combination	Max			-380.932	27.025	8.377	1.118	0.4847
156	3.5	INV_SLV	Combination	Max			-373.059	27.025	8.377	1.118	17.0974
156	0.	INV_SLV	Combination	Min			-390.245	-29.21	-9.496	-1.1625	-16.1391
156	1.75	INV_SLV	Combination	Min			-382.372	-29.21	-9.496	-1.1625	-0.4211
156	3.5	INV_SLV	Combination	Min			-374.5	-29.21	-9.496	-1.1625	-15.0758
157	0.	INV_SLU	Combination	Max			-567.698	0.272	-0.377	-0.0242	-0.6869
157	1.75	INV_SLU	Combination	Max			-557.464	0.272	-0.377	-0.0242	-0.0111
157	3.5	INV_SLU	Combination	Max			-547.229	0.272	-0.377	-0.0242	1.427
157	0.	INV_SLU	Combination	Min			-828.236	-1.518	-0.831	-0.0589	-1.481
157	1.75	INV_SLU	Combination	Min			-818.001	-1.518	-0.831	-0.0589	-0.0368
157	3.5	INV_SLU	Combination	Min			-807.767	-1.518	-0.831	-0.0589	0.6323

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
157	0.	INV_SLV	Combination	Max			-387.298	34.225	8.065	1.118	13.7725
157	1.75	INV_SLV	Combination	Max			-379.426	34.225	8.065	1.118	0.331
157	3.5	INV_SLV	Combination	Max			-371.553	34.225	8.065	1.118	15.7364
157	0.	INV_SLV	Combination	Min			-391.751	-35.542	-8.808	-1.1625	-15.0912
157	1.75	INV_SLV	Combination	Min			-383.878	-35.542	-8.808	-1.1625	-0.3498
157	3.5	INV_SLV	Combination	Min			-376.005	-35.542	-8.808	-1.1625	-14.4551
158	0.	INV_SLU	Combination	Max			-572.654	0.834	-1.04	-0.0242	-1.7489
158	1.75	INV_SLU	Combination	Max			-562.42	0.834	-1.04	-0.0242	0.1588
158	3.5	INV_SLU	Combination	Max			-552.185	0.834	-1.04	-0.0242	3.6925
158	0.	INV_SLU	Combination	Min			-835.796	-1.138	-2.019	-0.0589	-3.375
158	1.75	INV_SLU	Combination	Min			-825.561	-1.138	-2.019	-0.0589	0.0718
158	3.5	INV_SLU	Combination	Min			-815.327	-1.138	-2.019	-0.0589	1.8925
158	0.	INV_SLV	Combination	Max			-383.263	41.934	10.864	1.118	18.2197
158	1.75	INV_SLV	Combination	Max			-375.39	41.934	10.864	1.118	0.9079
158	3.5	INV_SLV	Combination	Max			-367.517	41.934	10.864	1.118	22.8869
158	0.	INV_SLV	Combination	Min			-402.305	-42.734	-12.56	-1.1625	-21.0731
158	1.75	INV_SLV	Combination	Min			-394.432	-42.734	-12.56	-1.1625	-0.7933
158	3.5	INV_SLV	Combination	Min			-386.559	-42.734	-12.56	-1.1625	-19.8044
159	0.	INV_SLU	Combination	Max			-9.447	-0.893	90.52	-0.0237	63.6551
159	0.7	INV_SLU	Combination	Max			-5.353	-0.893	90.52	-0.0237	0.335
159	0.7	INV_SLU	Combination	Max			-72.83	-0.946	-0.158	0.0061	-3.0662
159	1.4	INV_SLU	Combination	Max			-68.736	-0.946	-0.158	0.0061	-2.9021
159	1.4	INV_SLU	Combination	Max			-128.146	-0.969	4.566	0.0649	1.3713
159	1.75	INV_SLU	Combination	Max			-126.099	-0.969	4.566	0.0649	-0.1478
159	2.1	INV_SLU	Combination	Max			-124.052	-0.969	4.566	0.0649	-1.2113
159	2.1	INV_SLU	Combination	Max			-200.695	-0.983	0.118	0.0504	5.9431
159	2.8	INV_SLU	Combination	Max			-196.601	-0.983	0.118	0.0504	6.0542
159	2.8	INV_SLU	Combination	Max			-313.557	-0.964	131.995	0.2188	0.7729
159	3.5	INV_SLU	Combination	Max			-309.464	-0.964	131.995	0.2188	-60.2202
159	0.	INV_SLU	Combination	Min			-20.994	-1.933	58.921	-0.2816	41.509
159	0.7	INV_SLU	Combination	Min			-16.9	-1.933	58.921	-0.2816	0.1915
159	0.7	INV_SLU	Combination	Min			-105.148	-1.93	-0.569	-0.1663	-4.8164
159	1.4	INV_SLU	Combination	Min			-101.055	-1.93	-0.569	-0.1663	-4.4501
159	1.4	INV_SLU	Combination	Min			-187.24	-1.933	3.009	-0.1009	0.895
159	1.75	INV_SLU	Combination	Min			-185.193	-1.933	3.009	-0.1009	-0.233
159	2.1	INV_SLU	Combination	Min			-183.146	-1.933	3.009	-0.1009	-1.8248
159	2.1	INV_SLU	Combination	Min			-294.454	-1.956	-0.227	-0.086	3.9039
159	2.8	INV_SLU	Combination	Min			-290.36	-1.956	-0.227	-0.086	3.9004

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
159	2.8	INV_SLU	Combination	Min			-461.434	-1.988	86.759	-0.1346	0.5109
159	3.5	INV_SLU	Combination	Min			-457.341	-1.988	86.759	-0.1346	-91.6239
159	0.	INV_SLV	Combination	Max			406.111	15.525	64.44	3.9369	42.0555
159	0.7	INV_SLV	Combination	Max			409.26	15.525	64.44	3.9369	3.3981
159	0.7	INV_SLV	Combination	Max			265.644	14.298	4.845	1.5728	-0.9595
159	1.4	INV_SLV	Combination	Max			268.793	14.298	4.845	1.5728	0.41
159	1.4	INV_SLV	Combination	Max			135.089	13.372	9.308	1.6396	3.6874
159	1.75	INV_SLV	Combination	Max			136.664	13.372	9.308	1.6396	0.4299
159	2.1	INV_SLV	Combination	Max			138.238	13.372	9.308	1.6396	1.1531
159	2.1	INV_SLV	Combination	Max			-8.765	12.678	6.523	1.3043	5.9613
159	2.8	INV_SLV	Combination	Max			-5.616	12.678	6.523	1.3043	3.8511
159	2.8	INV_SLV	Combination	Max			-181.387	12.499	83.331	5.2888	3.0257
159	3.5	INV_SLV	Combination	Max			-178.238	12.499	83.331	5.2888	-26.2037
159	0.	INV_SLV	Combination	Min			-435.748	-17.285	15.219	-4.086	14.0497
159	0.7	INV_SLV	Combination	Min			-432.599	-17.285	15.219	-4.086	-3.0548
159	0.7	INV_SLV	Combination	Min			-374.866	-16.085	-5.067	-1.6356	-3.1427
159	1.4	INV_SLV	Combination	Min			-371.717	-16.085	-5.067	-1.6356	-4.3569
159	1.4	INV_SLV	Combination	Min			-317.019	-15.171	-5.121	-1.6247	-2.4318
159	1.75	INV_SLV	Combination	Min			-315.445	-15.171	-5.121	-1.6247	-0.6399
159	2.1	INV_SLV	Combination	Min			-313.87	-15.171	-5.121	-1.6247	-2.8285
159	2.1	INV_SLV	Combination	Min			-269.155	-14.493	-6.413	-1.3126	-0.6385
159	2.8	INV_SLV	Combination	Min			-266.006	-14.493	-6.413	-1.3126	1.3952
159	2.8	INV_SLV	Combination	Min			-247.234	-14.309	34.168	-5.3055	-2.2882
159	3.5	INV_SLV	Combination	Min			-244.084	-14.309	34.168	-5.3055	-55.308
160	0.	INV_SLU	Combination	Max			-2.298	0.712	3.739	-1.7044	2.0939
160	0.7	INV_SLU	Combination	Max			-0.251	-1.376	2.813	-1.7044	0.0551
160	0.7	INV_SLU	Combination	Max			-3.264	0.422	0.655	0.8381	-0.3715
160	1.4	INV_SLU	Combination	Max			-1.218	-1.115	-0.651	0.8381	0.0584
160	1.4	INV_SLU	Combination	Max			-5.131	0.086	1.107	0.7523	0.0268
160	1.75	INV_SLU	Combination	Max			-4.107	-0.964	-0.162	0.7523	-0.0643
160	2.1	INV_SLU	Combination	Max			-3.084	-1.058	-0.246	0.7523	0.1403
160	2.1	INV_SLU	Combination	Max			-7.254	-0.335	0.747	0.9296	0.0449
160	2.8	INV_SLU	Combination	Max			-5.207	-1.094	-0.607	0.9296	0.4742
160	2.8	INV_SLU	Combination	Max			-8.642	-1.008	3.437	-0.51	-0.1179
160	3.5	INV_SLU	Combination	Max			-6.595	-1.253	2.608	-0.51	-1.2657
160	0.	INV_SLU	Combination	Min			-6.688	-1.505	1.99	-1.7563	1.3757
160	0.7	INV_SLU	Combination	Min			-4.641	-1.513	0.993	-1.7563	-0.0331
160	0.7	INV_SLU	Combination	Min			-6.29	-1.235	-0.77	0.5854	-0.6366

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
160	1.4	INV_SLU	Combination	Min			-4.243	-1.678	-1.884	0.5854	-0.0974
160	1.4	INV_SLU	Combination	Min			-7.098	-1.175	-0.25	0.6394	-0.1855
160	1.75	INV_SLU	Combination	Min			-6.074	-1.175	-0.25	0.6394	-0.1424
160	2.1	INV_SLU	Combination	Min			-5.051	-2.014	-1.432	0.6394	-0.0102
160	2.1	INV_SLU	Combination	Min			-8.169	-1.215	-0.771	0.8447	-0.1317
160	2.8	INV_SLU	Combination	Min			-6.122	-2.435	-1.792	0.8447	0.3008
160	2.8	INV_SLU	Combination	Min			-8.941	-1.39	1.527	-0.7797	-0.3496
160	3.5	INV_SLU	Combination	Min			-6.894	-3.108	0.37	-0.7797	-2.1751
160	0.	INV_SLV	Combination	Max			216.753	2.701	9.981	0.2429	5.1767
160	0.7	INV_SLV	Combination	Max			218.328	2.701	9.981	0.2429	1.8177
160	0.7	INV_SLV	Combination	Max			163.316	2.362	2.065	2.3177	0.365
160	1.4	INV_SLV	Combination	Max			164.891	2.362	2.065	2.3177	1.0066
160	1.4	INV_SLV	Combination	Max			114.993	2.083	3.544	1.9703	1.4871
160	1.75	INV_SLV	Combination	Max			115.781	2.083	3.544	1.9703	0.2469
160	2.1	INV_SLV	Combination	Max			116.568	2.083	3.544	1.9703	1.0214
160	2.1	INV_SLV	Combination	Max			65.79	1.874	3.016	2.1702	1.2808
160	2.8	INV_SLV	Combination	Max			67.364	1.874	3.016	2.1702	1.2419
160	2.8	INV_SLV	Combination	Max			16.172	1.844	6.976	1.3165	1.2135
160	3.5	INV_SLV	Combination	Max			17.747	1.844	6.976	1.3165	1.895
160	0.	INV_SLV	Combination	Min			-223.319	-4.629	-7.211	-2.5814	-3.2849
160	0.7	INV_SLV	Combination	Min			-221.745	-4.629	-7.211	-2.5814	-1.8647
160	0.7	INV_SLV	Combination	Min			-170.651	-3.931	-2.957	-1.2115	-1.0676
160	1.4	INV_SLV	Combination	Min			-169.076	-3.931	-2.957	-1.2115	-1.0854
160	1.4	INV_SLV	Combination	Min			-124.394	-3.573	-3.868	-0.9742	-1.6861
160	1.75	INV_SLV	Combination	Min			-123.607	-3.573	-3.868	-0.9742	-0.3326
160	2.1	INV_SLV	Combination	Min			-122.819	-3.573	-3.868	-0.9742	-0.9939
160	2.1	INV_SLV	Combination	Min			-77.666	-3.416	-3.84	-0.9874	-1.4468
160	2.8	INV_SLV	Combination	Min			-76.092	-3.416	-3.84	-0.9874	-0.8307
160	2.8	INV_SLV	Combination	Min			-30.113	-3.617	-4.911	-2.3314	-1.5675
160	3.5	INV_SLV	Combination	Min			-28.539	-3.617	-4.911	-2.3314	-3.6946
161	0.	INV_SLU	Combination	Max			0.	-22.854	2.923E-17	-0.0146	9.229E-17
161	0.4875	INV_SLU	Combination	Max			0.	-20.002	2.923E-17	-0.0146	7.804E-17
161	0.975	INV_SLU	Combination	Max			0.	-17.151	2.923E-17	-0.0146	6.500E-17
161	1.4625	INV_SLU	Combination	Max			0.	-14.3	2.923E-17	-0.0146	5.760E-17
161	1.95	INV_SLU	Combination	Max			0.	-11.449	2.923E-17	-0.0146	5.020E-17
161	2.4375	INV_SLU	Combination	Max			0.	-8.598	2.923E-17	-0.0146	4.499E-17
161	2.925	INV_SLU	Combination	Max			0.	-5.747	2.923E-17	-0.0146	4.178E-17
161	3.4125	INV_SLU	Combination	Max			0.	-2.896	2.923E-17	-0.0146	3.857E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
161	3.9	INV_SLU	Combination	Max			0.	-0.045	2.923E-17	-0.0146	3.535E-17
161	4.3875	INV_SLU	Combination	Max			0.	2.806	2.923E-17	-0.0146	3.214E-17
161	4.875	INV_SLU	Combination	Max			0.	5.657	2.923E-17	-0.0146	2.893E-17
161	5.3625	INV_SLU	Combination	Max			0.	8.508	2.923E-17	-0.0146	2.571E-17
161	5.85	INV_SLU	Combination	Max			0.	11.359	2.923E-17	-0.0146	2.250E-17
161	6.3375	INV_SLU	Combination	Max			0.	14.21	2.923E-17	-0.0146	1.929E-17
161	6.825	INV_SLU	Combination	Max			0.	17.061	2.923E-17	-0.0146	1.607E-17
161	7.3125	INV_SLU	Combination	Max			0.	19.912	2.923E-17	-0.0146	1.286E-17
161	7.8	INV_SLU	Combination	Max			0.	22.763	2.923E-17	-0.0146	9.645E-18
161	0.	INV_SLU	Combination	Min			0.	-23.807	6.592E-18	-0.0775	6.106E-17
161	0.4875	INV_SLU	Combination	Min			0.	-20.956	6.592E-18	-0.0775	5.379E-17
161	0.975	INV_SLU	Combination	Min			0.	-18.105	6.592E-18	-0.0775	4.652E-17
161	1.4625	INV_SLU	Combination	Min			0.	-15.254	6.592E-18	-0.0775	3.924E-17
161	1.95	INV_SLU	Combination	Min			0.	-12.403	6.592E-18	-0.0775	3.197E-17
161	2.4375	INV_SLU	Combination	Min			0.	-9.552	6.592E-18	-0.0775	2.104E-17
161	2.925	INV_SLU	Combination	Min			0.	-6.701	6.592E-18	-0.0775	6.789E-18
161	3.4125	INV_SLU	Combination	Min			0.	-3.85	6.592E-18	-0.0775	-7.460E-18
161	3.9	INV_SLU	Combination	Min			0.	-0.999	6.592E-18	-0.0775	-2.171E-17
161	4.3875	INV_SLU	Combination	Min			0.	1.852	6.592E-18	-0.0775	-3.596E-17
161	4.875	INV_SLU	Combination	Min			0.	4.703	6.592E-18	-0.0775	-5.021E-17
161	5.3625	INV_SLU	Combination	Min			0.	7.554	6.592E-18	-0.0775	-6.446E-17
161	5.85	INV_SLU	Combination	Min			0.	10.406	6.592E-18	-0.0775	-7.871E-17
161	6.3375	INV_SLU	Combination	Min			0.	13.257	6.592E-18	-0.0775	-9.296E-17
161	6.825	INV_SLU	Combination	Min			0.	16.108	6.592E-18	-0.0775	-1.072E-16
161	7.3125	INV_SLU	Combination	Min			0.	18.959	6.592E-18	-0.0775	-1.215E-16
161	7.8	INV_SLU	Combination	Min			0.	21.81	6.592E-18	-0.0775	-1.357E-16
161	0.	INV_SLV	Combination	Max			0.	-10.151	1.216E-16	0.3726	1.288E-15
161	0.4875	INV_SLV	Combination	Max			0.	-7.958	1.216E-16	0.3726	1.239E-15
161	0.975	INV_SLV	Combination	Max			0.	-5.765	1.216E-16	0.3726	1.190E-15
161	1.4625	INV_SLV	Combination	Max			0.	-3.572	1.216E-16	0.3726	1.142E-15
161	1.95	INV_SLV	Combination	Max			0.	-1.379	1.216E-16	0.3726	1.094E-15
161	2.4375	INV_SLV	Combination	Max			0.	0.815	1.216E-16	0.3726	1.047E-15
161	2.925	INV_SLV	Combination	Max			0.	3.008	1.216E-16	0.3726	1.001E-15
161	3.4125	INV_SLV	Combination	Max			0.	5.201	1.216E-16	0.3726	1.003E-15
161	3.9	INV_SLV	Combination	Max			0.	7.394	1.216E-16	0.3726	1.013E-15
161	4.3875	INV_SLV	Combination	Max			0.	9.587	1.216E-16	0.3726	1.024E-15
161	4.875	INV_SLV	Combination	Max			0.	11.78	1.216E-16	0.3726	1.034E-15
161	5.3625	INV_SLV	Combination	Max			0.	13.973	1.216E-16	0.3726	1.045E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
161	5.85	INV_SLV	Combination	Max			0.	16.166	1.216E-16	0.3726	1.057E-15
161	6.3375	INV_SLV	Combination	Max			0.	18.359	1.216E-16	0.3726	1.068E-15
161	6.825	INV_SLV	Combination	Max			0.	20.553	1.216E-16	0.3726	1.080E-15
161	7.3125	INV_SLV	Combination	Max			0.	22.746	1.216E-16	0.3726	1.092E-15
161	7.8	INV_SLV	Combination	Max			0.	24.939	1.216E-16	0.3726	1.104E-15
161	0.	INV_SLV	Combination	Min			0.	-24.78	-9.389E-17	-0.4203	-1.205E-15
161	0.4875	INV_SLV	Combination	Min			0.	-22.587	-9.389E-17	-0.4203	-1.169E-15
161	0.975	INV_SLV	Combination	Min			0.	-20.394	-9.389E-17	-0.4203	-1.134E-15
161	1.4625	INV_SLV	Combination	Min			0.	-18.2	-9.389E-17	-0.4203	-1.100E-15
161	1.95	INV_SLV	Combination	Min			0.	-16.007	-9.389E-17	-0.4203	-1.065E-15
161	2.4375	INV_SLV	Combination	Min			0.	-13.814	-9.389E-17	-0.4203	-1.031E-15
161	2.925	INV_SLV	Combination	Min			0.	-11.621	-9.389E-17	-0.4203	-9.992E-16
161	3.4125	INV_SLV	Combination	Min			0.	-9.428	-9.389E-17	-0.4203	-1.014E-15
161	3.9	INV_SLV	Combination	Min			0.	-7.235	-9.389E-17	-0.4203	-1.038E-15
161	4.3875	INV_SLV	Combination	Min			0.	-5.042	-9.389E-17	-0.4203	-1.062E-15
161	4.875	INV_SLV	Combination	Min			0.	-2.849	-9.389E-17	-0.4203	-1.087E-15
161	5.3625	INV_SLV	Combination	Min			0.	-0.656	-9.389E-17	-0.4203	-1.111E-15
161	5.85	INV_SLV	Combination	Min			0.	1.537	-9.389E-17	-0.4203	-1.136E-15
161	6.3375	INV_SLV	Combination	Min			0.	3.731	-9.389E-17	-0.4203	-1.161E-15
161	6.825	INV_SLV	Combination	Min			0.	5.924	-9.389E-17	-0.4203	-1.186E-15
161	7.3125	INV_SLV	Combination	Min			0.	8.117	-9.389E-17	-0.4203	-1.211E-15
161	7.8	INV_SLV	Combination	Min			0.	10.31	-9.389E-17	-0.4203	-1.237E-15
162	0.	INV_SLU	Combination	Max			0.	-22.758	2.923E-17	-0.108	9.229E-17
162	0.4875	INV_SLU	Combination	Max			0.	-19.907	2.923E-17	-0.108	7.804E-17
162	0.975	INV_SLU	Combination	Max			0.	-17.056	2.923E-17	-0.108	6.500E-17
162	1.4625	INV_SLU	Combination	Max			0.	-14.205	2.923E-17	-0.108	5.760E-17
162	1.95	INV_SLU	Combination	Max			0.	-11.353	2.923E-17	-0.108	5.020E-17
162	2.4375	INV_SLU	Combination	Max			0.	-8.502	2.923E-17	-0.108	4.499E-17
162	2.925	INV_SLU	Combination	Max			0.	-5.651	2.923E-17	-0.108	4.178E-17
162	3.4125	INV_SLU	Combination	Max			0.	-2.8	2.923E-17	-0.108	3.857E-17
162	3.9	INV_SLU	Combination	Max			0.	0.051	2.923E-17	-0.108	3.535E-17
162	4.3875	INV_SLU	Combination	Max			0.	2.902	2.923E-17	-0.108	3.214E-17
162	4.875	INV_SLU	Combination	Max			0.	5.753	2.923E-17	-0.108	2.893E-17
162	5.3625	INV_SLU	Combination	Max			0.	8.604	2.923E-17	-0.108	2.571E-17
162	5.85	INV_SLU	Combination	Max			0.	11.455	2.923E-17	-0.108	2.250E-17
162	6.3375	INV_SLU	Combination	Max			0.	14.306	2.923E-17	-0.108	1.929E-17
162	6.825	INV_SLU	Combination	Max			0.	17.157	2.923E-17	-0.108	1.607E-17
162	7.3125	INV_SLU	Combination	Max			0.	20.008	2.923E-17	-0.108	1.286E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
162	7.8	INV_SLU	Combination	Max			0.	22.859	2.923E-17	-0.108	9.645E-18
162	0.	INV_SLU	Combination	Min			0.	-23.782	6.592E-18	-0.1743	6.106E-17
162	0.4875	INV_SLU	Combination	Min			0.	-20.931	6.592E-18	-0.1743	5.379E-17
162	0.975	INV_SLU	Combination	Min			0.	-18.08	6.592E-18	-0.1743	4.652E-17
162	1.4625	INV_SLU	Combination	Min			0.	-15.229	6.592E-18	-0.1743	3.924E-17
162	1.95	INV_SLU	Combination	Min			0.	-12.378	6.592E-18	-0.1743	3.197E-17
162	2.4375	INV_SLU	Combination	Min			0.	-9.527	6.592E-18	-0.1743	2.104E-17
162	2.925	INV_SLU	Combination	Min			0.	-6.676	6.592E-18	-0.1743	6.789E-18
162	3.4125	INV_SLU	Combination	Min			0.	-3.825	6.592E-18	-0.1743	-7.460E-18
162	3.9	INV_SLU	Combination	Min			0.	-0.974	6.592E-18	-0.1743	-2.171E-17
162	4.3875	INV_SLU	Combination	Min			0.	1.877	6.592E-18	-0.1743	-3.596E-17
162	4.875	INV_SLU	Combination	Min			0.	4.728	6.592E-18	-0.1743	-5.021E-17
162	5.3625	INV_SLU	Combination	Min			0.	7.579	6.592E-18	-0.1743	-6.446E-17
162	5.85	INV_SLU	Combination	Min			0.	10.43	6.592E-18	-0.1743	-7.871E-17
162	6.3375	INV_SLU	Combination	Min			0.	13.281	6.592E-18	-0.1743	-9.296E-17
162	6.825	INV_SLU	Combination	Min			0.	16.132	6.592E-18	-0.1743	-1.072E-16
162	7.3125	INV_SLU	Combination	Min			0.	18.983	6.592E-18	-0.1743	-1.215E-16
162	7.8	INV_SLU	Combination	Min			0.	21.834	6.592E-18	-0.1743	-1.357E-16
162	0.	INV_SLV	Combination	Max			0.	-8.229	1.216E-16	0.1403	1.288E-15
162	0.4875	INV_SLV	Combination	Max			0.	-6.036	1.216E-16	0.1403	1.239E-15
162	0.975	INV_SLV	Combination	Max			0.	-3.843	1.216E-16	0.1403	1.190E-15
162	1.4625	INV_SLV	Combination	Max			0.	-1.65	1.216E-16	0.1403	1.142E-15
162	1.95	INV_SLV	Combination	Max			0.	0.543	1.216E-16	0.1403	1.094E-15
162	2.4375	INV_SLV	Combination	Max			0.	2.736	1.216E-16	0.1403	1.047E-15
162	2.925	INV_SLV	Combination	Max			0.	4.93	1.216E-16	0.1403	1.001E-15
162	3.4125	INV_SLV	Combination	Max			0.	7.123	1.216E-16	0.1403	1.003E-15
162	3.9	INV_SLV	Combination	Max			0.	9.316	1.216E-16	0.1403	1.013E-15
162	4.3875	INV_SLV	Combination	Max			0.	11.509	1.216E-16	0.1403	1.024E-15
162	4.875	INV_SLV	Combination	Max			0.	13.702	1.216E-16	0.1403	1.034E-15
162	5.3625	INV_SLV	Combination	Max			0.	15.895	1.216E-16	0.1403	1.045E-15
162	5.85	INV_SLV	Combination	Max			0.	18.088	1.216E-16	0.1403	1.057E-15
162	6.3375	INV_SLV	Combination	Max			0.	20.281	1.216E-16	0.1403	1.068E-15
162	6.825	INV_SLV	Combination	Max			0.	22.474	1.216E-16	0.1403	1.080E-15
162	7.3125	INV_SLV	Combination	Max			0.	24.668	1.216E-16	0.1403	1.092E-15
162	7.8	INV_SLV	Combination	Max			0.	26.861	1.216E-16	0.1403	1.104E-15
162	0.	INV_SLV	Combination	Min			0.	-26.633	-9.389E-17	-0.2921	-1.205E-15
162	0.4875	INV_SLV	Combination	Min			0.	-24.44	-9.389E-17	-0.2921	-1.169E-15
162	0.975	INV_SLV	Combination	Min			0.	-22.247	-9.389E-17	-0.2921	-1.134E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
162	1.4625	INV_SLV	Combination	Min			0.	-20.054	-9.389E-17	-0.2921	-1.100E-15
162	1.95	INV_SLV	Combination	Min			0.	-17.861	-9.389E-17	-0.2921	-1.065E-15
162	2.4375	INV_SLV	Combination	Min			0.	-15.668	-9.389E-17	-0.2921	-1.031E-15
162	2.925	INV_SLV	Combination	Min			0.	-13.475	-9.389E-17	-0.2921	-9.992E-16
162	3.4125	INV_SLV	Combination	Min			0.	-11.281	-9.389E-17	-0.2921	-1.014E-15
162	3.9	INV_SLV	Combination	Min			0.	-9.088	-9.389E-17	-0.2921	-1.038E-15
162	4.3875	INV_SLV	Combination	Min			0.	-6.895	-9.389E-17	-0.2921	-1.062E-15
162	4.875	INV_SLV	Combination	Min			0.	-4.702	-9.389E-17	-0.2921	-1.087E-15
162	5.3625	INV_SLV	Combination	Min			0.	-2.509	-9.389E-17	-0.2921	-1.111E-15
162	5.85	INV_SLV	Combination	Min			0.	-0.316	-9.389E-17	-0.2921	-1.136E-15
162	6.3375	INV_SLV	Combination	Min			0.	1.877	-9.389E-17	-0.2921	-1.161E-15
162	6.825	INV_SLV	Combination	Min			0.	4.07	-9.389E-17	-0.2921	-1.186E-15
162	7.3125	INV_SLV	Combination	Min			0.	6.263	-9.389E-17	-0.2921	-1.211E-15
162	7.8	INV_SLV	Combination	Min			0.	8.456	-9.389E-17	-0.2921	-1.237E-15
163	0.	INV_SLU	Combination	Max			0.	-22.527	2.923E-17	1.1771	9.229E-17
163	0.4875	INV_SLU	Combination	Max			0.	-19.676	2.923E-17	1.1771	7.804E-17
163	0.975	INV_SLU	Combination	Max			0.	-16.825	2.923E-17	1.1771	6.500E-17
163	1.4625	INV_SLU	Combination	Max			0.	-13.974	2.923E-17	1.1771	5.760E-17
163	1.95	INV_SLU	Combination	Max			0.	-11.123	2.923E-17	1.1771	5.020E-17
163	2.4375	INV_SLU	Combination	Max			0.	-8.272	2.923E-17	1.1771	4.499E-17
163	2.925	INV_SLU	Combination	Max			0.	-5.421	2.923E-17	1.1771	4.178E-17
163	3.4125	INV_SLU	Combination	Max			0.	-2.57	2.923E-17	1.1771	3.857E-17
163	3.9	INV_SLU	Combination	Max			0.	0.281	2.923E-17	1.1771	3.535E-17
163	4.3875	INV_SLU	Combination	Max			0.	3.132	2.923E-17	1.1771	3.214E-17
163	4.875	INV_SLU	Combination	Max			0.	5.983	2.923E-17	1.1771	2.893E-17
163	5.3625	INV_SLU	Combination	Max			0.	8.834	2.923E-17	1.1771	2.571E-17
163	5.85	INV_SLU	Combination	Max			0.	11.685	2.923E-17	1.1771	2.250E-17
163	6.3375	INV_SLU	Combination	Max			0.	14.536	2.923E-17	1.1771	1.929E-17
163	6.825	INV_SLU	Combination	Max			0.	17.387	2.923E-17	1.1771	1.607E-17
163	7.3125	INV_SLU	Combination	Max			0.	20.238	2.923E-17	1.1771	1.286E-17
163	7.8	INV_SLU	Combination	Max			0.	23.089	2.923E-17	1.1771	9.645E-18
163	0.	INV_SLU	Combination	Min			0.	-23.569	6.592E-18	0.7598	6.106E-17
163	0.4875	INV_SLU	Combination	Min			0.	-20.718	6.592E-18	0.7598	5.379E-17
163	0.975	INV_SLU	Combination	Min			0.	-17.867	6.592E-18	0.7598	4.652E-17
163	1.4625	INV_SLU	Combination	Min			0.	-15.016	6.592E-18	0.7598	3.924E-17
163	1.95	INV_SLU	Combination	Min			0.	-12.165	6.592E-18	0.7598	3.197E-17
163	2.4375	INV_SLU	Combination	Min			0.	-9.314	6.592E-18	0.7598	2.104E-17
163	2.925	INV_SLU	Combination	Min			0.	-6.463	6.592E-18	0.7598	6.789E-18

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
163	3.4125	INV_SLU	Combination	Min			0.	-3.612	6.592E-18	0.7598	-7.460E-18
163	3.9	INV_SLU	Combination	Min			0.	-0.761	6.592E-18	0.7598	-2.171E-17
163	4.3875	INV_SLU	Combination	Min			0.	2.09	6.592E-18	0.7598	-3.596E-17
163	4.875	INV_SLU	Combination	Min			0.	4.941	6.592E-18	0.7598	-5.021E-17
163	5.3625	INV_SLU	Combination	Min			0.	7.792	6.592E-18	0.7598	-6.446E-17
163	5.85	INV_SLU	Combination	Min			0.	10.643	6.592E-18	0.7598	-7.871E-17
163	6.3375	INV_SLU	Combination	Min			0.	13.494	6.592E-18	0.7598	-9.296E-17
163	6.825	INV_SLU	Combination	Min			0.	16.345	6.592E-18	0.7598	-1.072E-16
163	7.3125	INV_SLU	Combination	Min			0.	19.196	6.592E-18	0.7598	-1.215E-16
163	7.8	INV_SLU	Combination	Min			0.	22.047	6.592E-18	0.7598	-1.357E-16
163	0.	INV_SLV	Combination	Max			0.	-6.04	1.216E-16	1.0523	1.288E-15
163	0.4875	INV_SLV	Combination	Max			0.	-3.847	1.216E-16	1.0523	1.239E-15
163	0.975	INV_SLV	Combination	Max			0.	-1.654	1.216E-16	1.0523	1.190E-15
163	1.4625	INV_SLV	Combination	Max			0.	0.539	1.216E-16	1.0523	1.142E-15
163	1.95	INV_SLV	Combination	Max			0.	2.732	1.216E-16	1.0523	1.094E-15
163	2.4375	INV_SLV	Combination	Max			0.	4.926	1.216E-16	1.0523	1.047E-15
163	2.925	INV_SLV	Combination	Max			0.	7.119	1.216E-16	1.0523	1.001E-15
163	3.4125	INV_SLV	Combination	Max			0.	9.312	1.216E-16	1.0523	1.003E-15
163	3.9	INV_SLV	Combination	Max			0.	11.505	1.216E-16	1.0523	1.013E-15
163	4.3875	INV_SLV	Combination	Max			0.	13.698	1.216E-16	1.0523	1.024E-15
163	4.875	INV_SLV	Combination	Max			0.	15.891	1.216E-16	1.0523	1.034E-15
163	5.3625	INV_SLV	Combination	Max			0.	18.084	1.216E-16	1.0523	1.045E-15
163	5.85	INV_SLV	Combination	Max			0.	20.277	1.216E-16	1.0523	1.057E-15
163	6.3375	INV_SLV	Combination	Max			0.	22.47	1.216E-16	1.0523	1.068E-15
163	6.825	INV_SLV	Combination	Max			0.	24.664	1.216E-16	1.0523	1.080E-15
163	7.3125	INV_SLV	Combination	Max			0.	26.857	1.216E-16	1.0523	1.092E-15
163	7.8	INV_SLV	Combination	Max			0.	29.05	1.216E-16	1.0523	1.104E-15
163	0.	INV_SLV	Combination	Min			0.	-28.59	-9.389E-17	-0.01	-1.205E-15
163	0.4875	INV_SLV	Combination	Min			0.	-26.397	-9.389E-17	-0.01	-1.169E-15
163	0.975	INV_SLV	Combination	Min			0.	-24.204	-9.389E-17	-0.01	-1.134E-15
163	1.4625	INV_SLV	Combination	Min			0.	-22.011	-9.389E-17	-0.01	-1.100E-15
163	1.95	INV_SLV	Combination	Min			0.	-19.818	-9.389E-17	-0.01	-1.065E-15
163	2.4375	INV_SLV	Combination	Min			0.	-17.625	-9.389E-17	-0.01	-1.031E-15
163	2.925	INV_SLV	Combination	Min			0.	-15.432	-9.389E-17	-0.01	-9.992E-16
163	3.4125	INV_SLV	Combination	Min			0.	-13.238	-9.389E-17	-0.01	-1.014E-15
163	3.9	INV_SLV	Combination	Min			0.	-11.045	-9.389E-17	-0.01	-1.038E-15
163	4.3875	INV_SLV	Combination	Min			0.	-8.852	-9.389E-17	-0.01	-1.062E-15
163	4.875	INV_SLV	Combination	Min			0.	-6.659	-9.389E-17	-0.01	-1.087E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
163	5.3625	INV_SLV	Combination	Min			0.	-4.466	-9.389E-17	-0.01	-1.111E-15
163	5.85	INV_SLV	Combination	Min			0.	-2.273	-9.389E-17	-0.01	-1.136E-15
163	6.3375	INV_SLV	Combination	Min			0.	-0.08	-9.389E-17	-0.01	-1.161E-15
163	6.825	INV_SLV	Combination	Min			0.	2.113	-9.389E-17	-0.01	-1.186E-15
163	7.3125	INV_SLV	Combination	Min			0.	4.306	-9.389E-17	-0.01	-1.211E-15
163	7.8	INV_SLV	Combination	Min			0.	6.5	-9.389E-17	-0.01	-1.237E-15
164	0.	INV_SLU	Combination	Max			0.	-20.733	2.923E-17	-2.7865	9.229E-17
164	0.4875	INV_SLU	Combination	Max			0.	-17.882	2.923E-17	-2.7865	7.804E-17
164	0.975	INV_SLU	Combination	Max			0.	-15.031	2.923E-17	-2.7865	6.500E-17
164	1.4625	INV_SLU	Combination	Max			0.	-12.18	2.923E-17	-2.7865	5.760E-17
164	1.95	INV_SLU	Combination	Max			0.	-9.329	2.923E-17	-2.7865	5.020E-17
164	2.4375	INV_SLU	Combination	Max			0.	-6.478	2.923E-17	-2.7865	4.499E-17
164	2.925	INV_SLU	Combination	Max			0.	-3.627	2.923E-17	-2.7865	4.178E-17
164	3.4125	INV_SLU	Combination	Max			0.	-0.776	2.923E-17	-2.7865	3.857E-17
164	3.9	INV_SLU	Combination	Max			0.	2.075	2.923E-17	-2.7865	3.535E-17
164	4.3875	INV_SLU	Combination	Max			0.	4.926	2.923E-17	-2.7865	3.214E-17
164	4.875	INV_SLU	Combination	Max			0.	7.777	2.923E-17	-2.7865	2.893E-17
164	5.3625	INV_SLU	Combination	Max			0.	10.628	2.923E-17	-2.7865	2.571E-17
164	5.85	INV_SLU	Combination	Max			0.	13.479	2.923E-17	-2.7865	2.250E-17
164	6.3375	INV_SLU	Combination	Max			0.	16.33	2.923E-17	-2.7865	1.929E-17
164	6.825	INV_SLU	Combination	Max			0.	19.181	2.923E-17	-2.7865	1.607E-17
164	7.3125	INV_SLU	Combination	Max			0.	22.032	2.923E-17	-2.7865	1.286E-17
164	7.8	INV_SLU	Combination	Max			0.	24.883	2.923E-17	-2.7865	9.645E-18
164	0.	INV_SLU	Combination	Min			0.	-21.164	6.592E-18	-4.312	6.106E-17
164	0.4875	INV_SLU	Combination	Min			0.	-18.312	6.592E-18	-4.312	5.379E-17
164	0.975	INV_SLU	Combination	Min			0.	-15.461	6.592E-18	-4.312	4.652E-17
164	1.4625	INV_SLU	Combination	Min			0.	-12.61	6.592E-18	-4.312	3.924E-17
164	1.95	INV_SLU	Combination	Min			0.	-9.759	6.592E-18	-4.312	3.197E-17
164	2.4375	INV_SLU	Combination	Min			0.	-6.908	6.592E-18	-4.312	2.104E-17
164	2.925	INV_SLU	Combination	Min			0.	-4.057	6.592E-18	-4.312	6.789E-18
164	3.4125	INV_SLU	Combination	Min			0.	-1.206	6.592E-18	-4.312	-7.460E-18
164	3.9	INV_SLU	Combination	Min			0.	1.645	6.592E-18	-4.312	-2.171E-17
164	4.3875	INV_SLU	Combination	Min			0.	4.496	6.592E-18	-4.312	-3.596E-17
164	4.875	INV_SLU	Combination	Min			0.	7.347	6.592E-18	-4.312	-5.021E-17
164	5.3625	INV_SLU	Combination	Min			0.	10.198	6.592E-18	-4.312	-6.446E-17
164	5.85	INV_SLU	Combination	Min			0.	13.049	6.592E-18	-4.312	-7.871E-17
164	6.3375	INV_SLU	Combination	Min			0.	15.9	6.592E-18	-4.312	-9.296E-17
164	6.825	INV_SLU	Combination	Min			0.	18.751	6.592E-18	-4.312	-1.072E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
164	7.3125	INV_SLU	Combination	Min			0.	21.602	6.592E-18	-4.312	-1.215E-16
164	7.8	INV_SLU	Combination	Min			0.	24.453	6.592E-18	-4.312	-1.357E-16
164	0.	INV_SLV	Combination	Max			0.	-1.331	1.216E-16	-1.1806	1.288E-15
164	0.4875	INV_SLV	Combination	Max			0.	0.862	1.216E-16	-1.1806	1.239E-15
164	0.975	INV_SLV	Combination	Max			0.	3.055	1.216E-16	-1.1806	1.190E-15
164	1.4625	INV_SLV	Combination	Max			0.	5.248	1.216E-16	-1.1806	1.142E-15
164	1.95	INV_SLV	Combination	Max			0.	7.441	1.216E-16	-1.1806	1.094E-15
164	2.4375	INV_SLV	Combination	Max			0.	9.634	1.216E-16	-1.1806	1.047E-15
164	2.925	INV_SLV	Combination	Max			0.	11.827	1.216E-16	-1.1806	1.001E-15
164	3.4125	INV_SLV	Combination	Max			0.	14.02	1.216E-16	-1.1806	1.003E-15
164	3.9	INV_SLV	Combination	Max			0.	16.213	1.216E-16	-1.1806	1.013E-15
164	4.3875	INV_SLV	Combination	Max			0.	18.406	1.216E-16	-1.1806	1.024E-15
164	4.875	INV_SLV	Combination	Max			0.	20.6	1.216E-16	-1.1806	1.034E-15
164	5.3625	INV_SLV	Combination	Max			0.	22.793	1.216E-16	-1.1806	1.045E-15
164	5.85	INV_SLV	Combination	Max			0.	24.986	1.216E-16	-1.1806	1.057E-15
164	6.3375	INV_SLV	Combination	Max			0.	27.179	1.216E-16	-1.1806	1.068E-15
164	6.825	INV_SLV	Combination	Max			0.	29.372	1.216E-16	-1.1806	1.080E-15
164	7.3125	INV_SLV	Combination	Max			0.	31.565	1.216E-16	-1.1806	1.092E-15
164	7.8	INV_SLV	Combination	Max			0.	33.758	1.216E-16	-1.1806	1.104E-15
164	0.	INV_SLV	Combination	Min			0.	-31.197	-9.389E-17	-2.6642	-1.205E-15
164	0.4875	INV_SLV	Combination	Min			0.	-29.004	-9.389E-17	-2.6642	-1.169E-15
164	0.975	INV_SLV	Combination	Min			0.	-26.81	-9.389E-17	-2.6642	-1.134E-15
164	1.4625	INV_SLV	Combination	Min			0.	-24.617	-9.389E-17	-2.6642	-1.100E-15
164	1.95	INV_SLV	Combination	Min			0.	-22.424	-9.389E-17	-2.6642	-1.065E-15
164	2.4375	INV_SLV	Combination	Min			0.	-20.231	-9.389E-17	-2.6642	-1.031E-15
164	2.925	INV_SLV	Combination	Min			0.	-18.038	-9.389E-17	-2.6642	-9.992E-16
164	3.4125	INV_SLV	Combination	Min			0.	-15.845	-9.389E-17	-2.6642	-1.014E-15
164	3.9	INV_SLV	Combination	Min			0.	-13.652	-9.389E-17	-2.6642	-1.038E-15
164	4.3875	INV_SLV	Combination	Min			0.	-11.459	-9.389E-17	-2.6642	-1.062E-15
164	4.875	INV_SLV	Combination	Min			0.	-9.266	-9.389E-17	-2.6642	-1.087E-15
164	5.3625	INV_SLV	Combination	Min			0.	-7.072	-9.389E-17	-2.6642	-1.111E-15
164	5.85	INV_SLV	Combination	Min			0.	-4.879	-9.389E-17	-2.6642	-1.136E-15
164	6.3375	INV_SLV	Combination	Min			0.	-2.686	-9.389E-17	-2.6642	-1.161E-15
164	6.825	INV_SLV	Combination	Min			0.	-0.493	-9.389E-17	-2.6642	-1.186E-15
164	7.3125	INV_SLV	Combination	Min			0.	1.7	-9.389E-17	-2.6642	-1.211E-15
164	7.8	INV_SLV	Combination	Min			0.	3.893	-9.389E-17	-2.6642	-1.237E-15
165	0.	INV_SLU	Combination	Max			0.	-132.194	6.765E-18	1.2678	-2.776E-18
165	0.49231	INV_SLU	Combination	Max			0.	-111.459	6.765E-18	1.2678	-6.106E-18

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
165	0.98462	INV_SLU	Combination	Max			0.	-90.724	6.765E-18	1.2678	-9.437E-18
165	1.47692	INV_SLU	Combination	Max			0.	-69.989	6.765E-18	1.2678	-1.277E-17
165	1.96923	INV_SLU	Combination	Max			0.	-49.254	6.765E-18	1.2678	-1.610E-17
165	2.46154	INV_SLU	Combination	Max			0.	-28.519	6.765E-18	1.2678	-1.222E-17
165	2.95385	INV_SLU	Combination	Max			0.	-7.783	6.765E-18	1.2678	-7.868E-18
165	3.44615	INV_SLU	Combination	Max			0.	19.384	6.765E-18	1.2678	-3.512E-18
165	3.93846	INV_SLU	Combination	Max			0.	50.199	6.765E-18	1.2678	8.433E-19
165	4.43077	INV_SLU	Combination	Max			0.	81.014	6.765E-18	1.2678	5.199E-18
165	4.92308	INV_SLU	Combination	Max			0.	111.829	6.765E-18	1.2678	9.554E-18
165	5.41538	INV_SLU	Combination	Max			0.	142.644	6.765E-18	1.2678	1.391E-17
165	5.90769	INV_SLU	Combination	Max			0.	173.459	6.765E-18	1.2678	1.827E-17
165	6.4	INV_SLU	Combination	Max			0.	204.275	6.765E-18	1.2678	2.262E-17
165	0.	INV_SLU	Combination	Min			0.	-196.424	-8.847E-18	0.8719	-3.400E-17
165	0.49231	INV_SLU	Combination	Min			0.	-165.609	-8.847E-18	0.8719	-2.965E-17
165	0.98462	INV_SLU	Combination	Min			0.	-134.793	-8.847E-18	0.8719	-2.529E-17
165	1.47692	INV_SLU	Combination	Min			0.	-103.978	-8.847E-18	0.8719	-2.093E-17
165	1.96923	INV_SLU	Combination	Min			0.	-73.163	-8.847E-18	0.8719	-1.658E-17
165	2.46154	INV_SLU	Combination	Min			0.	-42.348	-8.847E-18	0.8719	-1.943E-17
165	2.95385	INV_SLU	Combination	Min			0.	-11.533	-8.847E-18	0.8719	-2.276E-17
165	3.44615	INV_SLU	Combination	Min			0.	12.783	-8.847E-18	0.8719	-2.609E-17
165	3.93846	INV_SLU	Combination	Min			0.	33.518	-8.847E-18	0.8719	-2.942E-17
165	4.43077	INV_SLU	Combination	Min			0.	54.253	-8.847E-18	0.8719	-3.275E-17
165	4.92308	INV_SLU	Combination	Min			0.	74.988	-8.847E-18	0.8719	-3.608E-17
165	5.41538	INV_SLU	Combination	Min			0.	95.724	-8.847E-18	0.8719	-3.941E-17
165	5.90769	INV_SLU	Combination	Min			0.	116.459	-8.847E-18	0.8719	-4.274E-17
165	6.4	INV_SLU	Combination	Min			0.	137.194	-8.847E-18	0.8719	-4.607E-17
165	0.	INV_SLV	Combination	Max			0.	-85.84	2.843E-16	1.8597	1.983E-15
165	0.49231	INV_SLV	Combination	Max			0.	-71.721	2.843E-16	1.8597	1.868E-15
165	0.98462	INV_SLV	Combination	Max			0.	-57.603	2.843E-16	1.8597	1.757E-15
165	1.47692	INV_SLV	Combination	Max			0.	-43.484	2.843E-16	1.8597	1.653E-15
165	1.96923	INV_SLV	Combination	Max			0.	-29.365	2.843E-16	1.8597	1.567E-15
165	2.46154	INV_SLV	Combination	Max			0.	-15.247	2.843E-16	1.8597	1.485E-15
165	2.95385	INV_SLV	Combination	Max			0.	-1.128	2.843E-16	1.8597	1.405E-15
165	3.44615	INV_SLV	Combination	Max			0.	12.991	2.843E-16	1.8597	1.330E-15
165	3.93846	INV_SLV	Combination	Max			0.	27.11	2.843E-16	1.8597	1.258E-15
165	4.43077	INV_SLV	Combination	Max			0.	41.228	2.843E-16	1.8597	1.189E-15
165	4.92308	INV_SLV	Combination	Max			0.	55.347	2.843E-16	1.8597	1.125E-15
165	5.41538	INV_SLV	Combination	Max			0.	69.466	2.843E-16	1.8597	1.064E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
165	5.90769	INV_SLV	Combination	Max			0.	83.585	2.843E-16	1.8597	1.007E-15
165	6.4	INV_SLV	Combination	Max			0.	97.703	2.843E-16	1.8597	1.041E-15
165	0.	INV_SLV	Combination	Min			0.	-94.285	-2.878E-16	-0.2688	-2.010E-15
165	0.49231	INV_SLV	Combination	Min			0.	-80.166	-2.878E-16	-0.2688	-1.894E-15
165	0.98462	INV_SLV	Combination	Min			0.	-66.047	-2.878E-16	-0.2688	-1.781E-15
165	1.47692	INV_SLV	Combination	Min			0.	-51.928	-2.878E-16	-0.2688	-1.676E-15
165	1.96923	INV_SLV	Combination	Min			0.	-37.81	-2.878E-16	-0.2688	-1.588E-15
165	2.46154	INV_SLV	Combination	Min			0.	-23.691	-2.878E-16	-0.2688	-1.504E-15
165	2.95385	INV_SLV	Combination	Min			0.	-9.572	-2.878E-16	-0.2688	-1.423E-15
165	3.44615	INV_SLV	Combination	Min			0.	4.546	-2.878E-16	-0.2688	-1.345E-15
165	3.93846	INV_SLV	Combination	Min			0.	18.665	-2.878E-16	-0.2688	-1.272E-15
165	4.43077	INV_SLV	Combination	Min			0.	32.784	-2.878E-16	-0.2688	-1.202E-15
165	4.92308	INV_SLV	Combination	Min			0.	46.903	-2.878E-16	-0.2688	-1.136E-15
165	5.41538	INV_SLV	Combination	Min			0.	61.021	-2.878E-16	-0.2688	-1.073E-15
165	5.90769	INV_SLV	Combination	Min			0.	75.14	-2.878E-16	-0.2688	-1.014E-15
165	6.4	INV_SLV	Combination	Min			0.	89.259	-2.878E-16	-0.2688	-1.047E-15
166	0.	INV_SLU	Combination	Max			0.	-135.358	3.851E-17	0.075	-5.690E-17
166	0.49231	INV_SLU	Combination	Max			0.	-114.623	3.851E-17	0.075	-5.792E-17
166	0.98462	INV_SLU	Combination	Max			0.	-93.888	3.851E-17	0.075	-5.895E-17
166	1.47692	INV_SLU	Combination	Max			0.	-73.153	3.851E-17	0.075	-5.997E-17
166	1.96923	INV_SLU	Combination	Max			0.	-52.418	3.851E-17	0.075	-6.100E-17
166	2.46154	INV_SLU	Combination	Max			0.	-31.682	3.851E-17	0.075	-6.202E-17
166	2.95385	INV_SLU	Combination	Max			0.	-10.947	3.851E-17	0.075	-6.305E-17
166	3.44615	INV_SLU	Combination	Max			0.	14.357	3.851E-17	0.075	-6.407E-17
166	3.93846	INV_SLU	Combination	Max			0.	45.172	3.851E-17	0.075	-6.510E-17
166	4.43077	INV_SLU	Combination	Max			0.	75.987	3.851E-17	0.075	-6.074E-17
166	4.92308	INV_SLU	Combination	Max			0.	106.802	3.851E-17	0.075	-5.562E-17
166	5.41538	INV_SLU	Combination	Max			0.	137.618	3.851E-17	0.075	-5.049E-17
166	5.90769	INV_SLU	Combination	Max			0.	168.433	3.851E-17	0.075	-4.537E-17
166	6.4	INV_SLU	Combination	Max			0.	199.248	3.851E-17	0.075	-4.025E-17
166	0.	INV_SLU	Combination	Min			0.	-201.378	-1.041E-17	0.0542	-1.193E-16
166	0.49231	INV_SLU	Combination	Min			0.	-170.563	-1.041E-17	0.0542	-1.250E-16
166	0.98462	INV_SLU	Combination	Min			0.	-139.748	-1.041E-17	0.0542	-1.306E-16
166	1.47692	INV_SLU	Combination	Min			0.	-108.933	-1.041E-17	0.0542	-1.363E-16
166	1.96923	INV_SLU	Combination	Min			0.	-78.118	-1.041E-17	0.0542	-1.536E-16
166	2.46154	INV_SLU	Combination	Min			0.	-47.302	-1.041E-17	0.0542	-1.725E-16
166	2.95385	INV_SLU	Combination	Min			0.	-16.487	-1.041E-17	0.0542	-1.915E-16
166	3.44615	INV_SLU	Combination	Min			0.	9.739	-1.041E-17	0.0542	-2.104E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
166	3.93846	INV_SLU	Combination	Min			0.	30.475	-1.041E-17	0.0542	-2.294E-16
166	4.43077	INV_SLU	Combination	Min			0.	51.21	-1.041E-17	0.0542	-2.483E-16
166	4.92308	INV_SLU	Combination	Min			0.	71.945	-1.041E-17	0.0542	-2.673E-16
166	5.41538	INV_SLU	Combination	Min			0.	92.68	-1.041E-17	0.0542	-2.863E-16
166	5.90769	INV_SLU	Combination	Min			0.	113.415	-1.041E-17	0.0542	-3.052E-16
166	6.4	INV_SLU	Combination	Min			0.	134.15	-1.041E-17	0.0542	-3.242E-16
166	0.	INV_SLV	Combination	Max			0.	-89.036	1.067E-15	0.7803	2.897E-15
166	0.49231	INV_SLV	Combination	Max			0.	-74.918	1.067E-15	0.7803	2.546E-15
166	0.98462	INV_SLV	Combination	Max			0.	-60.799	1.067E-15	0.7803	2.224E-15
166	1.47692	INV_SLV	Combination	Max			0.	-46.68	1.067E-15	0.7803	1.930E-15
166	1.96923	INV_SLV	Combination	Max			0.	-32.561	1.067E-15	0.7803	1.665E-15
166	2.46154	INV_SLV	Combination	Max			0.	-18.443	1.067E-15	0.7803	1.428E-15
166	2.95385	INV_SLV	Combination	Max			0.	-4.324	1.067E-15	0.7803	1.596E-15
166	3.44615	INV_SLV	Combination	Max			0.	9.795	1.067E-15	0.7803	2.053E-15
166	3.93846	INV_SLV	Combination	Max			0.	23.914	1.067E-15	0.7803	2.519E-15
166	4.43077	INV_SLV	Combination	Max			0.	38.032	1.067E-15	0.7803	2.992E-15
166	4.92308	INV_SLV	Combination	Max			0.	52.151	1.067E-15	0.7803	3.469E-15
166	5.41538	INV_SLV	Combination	Max			0.	66.27	1.067E-15	0.7803	3.950E-15
166	5.90769	INV_SLV	Combination	Max			0.	80.388	1.067E-15	0.7803	4.433E-15
166	6.4	INV_SLV	Combination	Max			0.	94.507	1.067E-15	0.7803	4.917E-15
166	0.	INV_SLV	Combination	Min			0.	-95.379	-1.074E-15	-0.6967	-3.008E-15
166	0.49231	INV_SLV	Combination	Min			0.	-81.26	-1.074E-15	-0.6967	-2.654E-15
166	0.98462	INV_SLV	Combination	Min			0.	-67.141	-1.074E-15	-0.6967	-2.328E-15
166	1.47692	INV_SLV	Combination	Min			0.	-53.023	-1.074E-15	-0.6967	-2.031E-15
166	1.96923	INV_SLV	Combination	Min			0.	-38.904	-1.074E-15	-0.6967	-1.763E-15
166	2.46154	INV_SLV	Combination	Min			0.	-24.785	-1.074E-15	-0.6967	-1.522E-15
166	2.95385	INV_SLV	Combination	Min			0.	-10.667	-1.074E-15	-0.6967	-1.687E-15
166	3.44615	INV_SLV	Combination	Min			0.	3.452	-1.074E-15	-0.6967	-2.140E-15
166	3.93846	INV_SLV	Combination	Min			0.	17.571	-1.074E-15	-0.6967	-2.603E-15
166	4.43077	INV_SLV	Combination	Min			0.	31.69	-1.074E-15	-0.6967	-3.072E-15
166	4.92308	INV_SLV	Combination	Min			0.	45.808	-1.074E-15	-0.6967	-3.546E-15
166	5.41538	INV_SLV	Combination	Min			0.	59.927	-1.074E-15	-0.6967	-4.023E-15
166	5.90769	INV_SLV	Combination	Min			0.	74.046	-1.074E-15	-0.6967	-4.503E-15
166	6.4	INV_SLV	Combination	Min			0.	88.165	-1.074E-15	-0.6967	-4.984E-15
167	0.	INV_SLU	Combination	Max			0.	-132.28	1.041E-17	0.0242	8.327E-17
167	0.49231	INV_SLU	Combination	Max			0.	-111.545	1.041E-17	0.0242	7.814E-17
167	0.98462	INV_SLU	Combination	Max			0.	-90.81	1.041E-17	0.0242	7.302E-17
167	1.47692	INV_SLU	Combination	Max			0.	-70.074	1.041E-17	0.0242	6.789E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
167	1.96923	INV_SLU	Combination	Max			0.	-49.339	1.041E-17	0.0242	6.277E-17
167	2.46154	INV_SLU	Combination	Max			0.	-28.604	1.041E-17	0.0242	5.765E-17
167	2.95385	INV_SLU	Combination	Max			0.	-7.869	1.041E-17	0.0242	5.252E-17
167	3.44615	INV_SLU	Combination	Max			0.	19.15	1.041E-17	0.0242	4.740E-17
167	3.93846	INV_SLU	Combination	Max			0.	49.965	1.041E-17	0.0242	4.227E-17
167	4.43077	INV_SLU	Combination	Max			0.	80.78	1.041E-17	0.0242	3.715E-17
167	4.92308	INV_SLU	Combination	Max			0.	111.595	1.041E-17	0.0242	3.203E-17
167	5.41538	INV_SLU	Combination	Max			0.	142.41	1.041E-17	0.0242	2.690E-17
167	5.90769	INV_SLU	Combination	Max			0.	173.225	1.041E-17	0.0242	2.178E-17
167	6.4	INV_SLU	Combination	Max			0.	204.041	1.041E-17	0.0242	1.665E-17
167	0.	INV_SLU	Combination	Min			0.	-196.63	1.041E-17	-0.0024	8.327E-17
167	0.49231	INV_SLU	Combination	Min			0.	-165.815	1.041E-17	-0.0024	7.814E-17
167	0.98462	INV_SLU	Combination	Min			0.	-135.	1.041E-17	-0.0024	7.302E-17
167	1.47692	INV_SLU	Combination	Min			0.	-104.185	1.041E-17	-0.0024	6.789E-17
167	1.96923	INV_SLU	Combination	Min			0.	-73.37	1.041E-17	-0.0024	6.277E-17
167	2.46154	INV_SLU	Combination	Min			0.	-42.554	1.041E-17	-0.0024	5.765E-17
167	2.95385	INV_SLU	Combination	Min			0.	-11.739	1.041E-17	-0.0024	5.252E-17
167	3.44615	INV_SLU	Combination	Min			0.	12.743	1.041E-17	-0.0024	4.740E-17
167	3.93846	INV_SLU	Combination	Min			0.	33.478	1.041E-17	-0.0024	4.227E-17
167	4.43077	INV_SLU	Combination	Min			0.	54.213	1.041E-17	-0.0024	3.715E-17
167	4.92308	INV_SLU	Combination	Min			0.	74.948	1.041E-17	-0.0024	3.203E-17
167	5.41538	INV_SLU	Combination	Min			0.	95.684	1.041E-17	-0.0024	2.690E-17
167	5.90769	INV_SLU	Combination	Min			0.	116.419	1.041E-17	-0.0024	2.178E-17
167	6.4	INV_SLU	Combination	Min			0.	137.154	1.041E-17	-0.0024	1.665E-17
167	0.	INV_SLV	Combination	Max			0.	-87.147	5.235E-16	0.7398	3.312E-15
167	0.49231	INV_SLV	Combination	Max			0.	-73.029	5.235E-16	0.7398	3.123E-15
167	0.98462	INV_SLV	Combination	Max			0.	-58.91	5.235E-16	0.7398	2.934E-15
167	1.47692	INV_SLV	Combination	Max			0.	-44.791	5.235E-16	0.7398	2.745E-15
167	1.96923	INV_SLV	Combination	Max			0.	-30.673	5.235E-16	0.7398	2.556E-15
167	2.46154	INV_SLV	Combination	Max			0.	-16.554	5.235E-16	0.7398	2.487E-15
167	2.95385	INV_SLV	Combination	Max			0.	-2.435	5.235E-16	0.7398	2.528E-15
167	3.44615	INV_SLV	Combination	Max			0.	11.684	5.235E-16	0.7398	2.568E-15
167	3.93846	INV_SLV	Combination	Max			0.	25.802	5.235E-16	0.7398	2.608E-15
167	4.43077	INV_SLV	Combination	Max			0.	39.921	5.235E-16	0.7398	2.764E-15
167	4.92308	INV_SLV	Combination	Max			0.	54.04	5.235E-16	0.7398	2.935E-15
167	5.41538	INV_SLV	Combination	Max			0.	68.159	5.235E-16	0.7398	3.107E-15
167	5.90769	INV_SLV	Combination	Max			0.	82.277	5.235E-16	0.7398	3.278E-15
167	6.4	INV_SLV	Combination	Max			0.	96.396	5.235E-16	0.7398	3.450E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
167	0.	INV_SLV	Combination	Min			0.	-93.168	-5.096E-16	-0.731	-3.201E-15
167	0.49231	INV_SLV	Combination	Min			0.	-79.049	-5.096E-16	-0.731	-3.019E-15
167	0.98462	INV_SLV	Combination	Min			0.	-64.93	-5.096E-16	-0.731	-2.837E-15
167	1.47692	INV_SLV	Combination	Min			0.	-50.812	-5.096E-16	-0.731	-2.655E-15
167	1.96923	INV_SLV	Combination	Min			0.	-36.693	-5.096E-16	-0.731	-2.473E-15
167	2.46154	INV_SLV	Combination	Min			0.	-22.574	-5.096E-16	-0.731	-2.410E-15
167	2.95385	INV_SLV	Combination	Min			0.	-8.456	-5.096E-16	-0.731	-2.458E-15
167	3.44615	INV_SLV	Combination	Min			0.	5.663	-5.096E-16	-0.731	-2.505E-15
167	3.93846	INV_SLV	Combination	Min			0.	19.782	-5.096E-16	-0.731	-2.552E-15
167	4.43077	INV_SLV	Combination	Min			0.	33.901	-5.096E-16	-0.731	-2.714E-15
167	4.92308	INV_SLV	Combination	Min			0.	48.019	-5.096E-16	-0.731	-2.893E-15
167	5.41538	INV_SLV	Combination	Min			0.	62.138	-5.096E-16	-0.731	-3.071E-15
167	5.90769	INV_SLV	Combination	Min			0.	76.257	-5.096E-16	-0.731	-3.249E-15
167	6.4	INV_SLV	Combination	Min			0.	90.376	-5.096E-16	-0.731	-3.428E-15
168	0.	INV_SLU	Combination	Max			0.	-150.511	5.204E-18	-0.0562	-2.082E-17
168	0.49231	INV_SLU	Combination	Max			0.	-129.776	5.204E-18	-0.0562	-2.338E-17
168	0.98462	INV_SLU	Combination	Max			0.	-109.041	5.204E-18	-0.0562	-2.594E-17
168	1.47692	INV_SLU	Combination	Max			0.	-88.306	5.204E-18	-0.0562	-2.850E-17
168	1.96923	INV_SLU	Combination	Max			0.	-67.571	5.204E-18	-0.0562	-3.106E-17
168	2.46154	INV_SLU	Combination	Max			0.	-46.836	5.204E-18	-0.0562	-3.203E-18
168	2.95385	INV_SLU	Combination	Max			0.	-26.101	5.204E-18	-0.0562	3.779E-17
168	3.44615	INV_SLU	Combination	Max			0.	-5.365	5.204E-18	-0.0562	7.878E-17
168	3.93846	INV_SLU	Combination	Max			0.	22.375	5.204E-18	-0.0562	1.198E-16
168	4.43077	INV_SLU	Combination	Max			0.	53.191	5.204E-18	-0.0562	1.608E-16
168	4.92308	INV_SLU	Combination	Max			0.	84.006	5.204E-18	-0.0562	2.018E-16
168	5.41538	INV_SLU	Combination	Max			0.	114.821	5.204E-18	-0.0562	2.428E-16
168	5.90769	INV_SLU	Combination	Max			0.	145.636	5.204E-18	-0.0562	2.837E-16
168	6.4	INV_SLU	Combination	Max			0.	176.451	5.204E-18	-0.0562	3.247E-16
168	0.	INV_SLU	Combination	Min			0.	-224.423	-8.327E-17	-0.2689	-2.082E-16
168	0.49231	INV_SLU	Combination	Min			0.	-193.607	-8.327E-17	-0.2689	-1.672E-16
168	0.98462	INV_SLU	Combination	Min			0.	-162.792	-8.327E-17	-0.2689	-1.262E-16
168	1.47692	INV_SLU	Combination	Min			0.	-131.977	-8.327E-17	-0.2689	-8.519E-17
168	1.96923	INV_SLU	Combination	Min			0.	-101.162	-8.327E-17	-0.2689	-4.420E-17
168	2.46154	INV_SLU	Combination	Min			0.	-70.347	-8.327E-17	-0.2689	-4.163E-17
168	2.95385	INV_SLU	Combination	Min			0.	-39.532	-8.327E-17	-0.2689	-4.163E-17
168	3.44615	INV_SLU	Combination	Min			0.	-8.716	-8.327E-17	-0.2689	-4.163E-17
168	3.93846	INV_SLU	Combination	Min			0.	14.909	-8.327E-17	-0.2689	-4.163E-17
168	4.43077	INV_SLU	Combination	Min			0.	35.644	-8.327E-17	-0.2689	-4.388E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
168	4.92308	INV_SLU	Combination	Min			0.	56.379	-8.327E-17	-0.2689	-4.644E-17
168	5.41538	INV_SLU	Combination	Min			0.	77.114	-8.327E-17	-0.2689	-4.900E-17
168	5.90769	INV_SLU	Combination	Min			0.	97.849	-8.327E-17	-0.2689	-5.156E-17
168	6.4	INV_SLU	Combination	Min			0.	118.584	-8.327E-17	-0.2689	-5.412E-17
168	0.	INV_SLV	Combination	Max			0.	-98.13	1.258E-15	0.5911	2.882E-15
168	0.49231	INV_SLV	Combination	Max			0.	-84.012	1.258E-15	0.5911	2.753E-15
168	0.98462	INV_SLV	Combination	Max			0.	-69.893	1.258E-15	0.5911	2.726E-15
168	1.47692	INV_SLV	Combination	Max			0.	-55.774	1.258E-15	0.5911	2.770E-15
168	1.96923	INV_SLV	Combination	Max			0.	-41.656	1.258E-15	0.5911	2.860E-15
168	2.46154	INV_SLV	Combination	Max			0.	-27.537	1.258E-15	0.5911	2.977E-15
168	2.95385	INV_SLV	Combination	Max			0.	-13.418	1.258E-15	0.5911	3.111E-15
168	3.44615	INV_SLV	Combination	Max			0.	0.701	1.258E-15	0.5911	3.257E-15
168	3.93846	INV_SLV	Combination	Max			0.	14.819	1.258E-15	0.5911	3.412E-15
168	4.43077	INV_SLV	Combination	Max			0.	28.938	1.258E-15	0.5911	3.954E-15
168	4.92308	INV_SLV	Combination	Max			0.	43.057	1.258E-15	0.5911	4.555E-15
168	5.41538	INV_SLV	Combination	Max			0.	57.176	1.258E-15	0.5911	5.159E-15
168	5.90769	INV_SLV	Combination	Max			0.	71.294	1.258E-15	0.5911	5.766E-15
168	6.4	INV_SLV	Combination	Max			0.	85.413	1.258E-15	0.5911	6.375E-15
168	0.	INV_SLV	Combination	Min			0.	-106.894	-1.258E-15	-0.8092	-2.937E-15
168	0.49231	INV_SLV	Combination	Min			0.	-92.775	-1.258E-15	-0.8092	-2.809E-15
168	0.98462	INV_SLV	Combination	Min			0.	-78.657	-1.258E-15	-0.8092	-2.782E-15
168	1.47692	INV_SLV	Combination	Min			0.	-64.538	-1.258E-15	-0.8092	-2.826E-15
168	1.96923	INV_SLV	Combination	Min			0.	-50.419	-1.258E-15	-0.8092	-2.915E-15
168	2.46154	INV_SLV	Combination	Min			0.	-36.3	-1.258E-15	-0.8092	-3.032E-15
168	2.95385	INV_SLV	Combination	Min			0.	-22.182	-1.258E-15	-0.8092	-3.167E-15
168	3.44615	INV_SLV	Combination	Min			0.	-8.063	-1.258E-15	-0.8092	-3.313E-15
168	3.93846	INV_SLV	Combination	Min			0.	6.056	-1.258E-15	-0.8092	-3.467E-15
168	4.43077	INV_SLV	Combination	Min			0.	20.175	-1.258E-15	-0.8092	-4.010E-15
168	4.92308	INV_SLV	Combination	Min			0.	34.293	-1.258E-15	-0.8092	-4.611E-15
168	5.41538	INV_SLV	Combination	Min			0.	48.412	-1.258E-15	-0.8092	-5.215E-15
168	5.90769	INV_SLV	Combination	Min			0.	62.531	-1.258E-15	-0.8092	-5.822E-15
168	6.4	INV_SLV	Combination	Min			0.	76.649	-1.258E-15	-0.8092	-6.430E-15
169	0.	INV_SLU	Combination	Max			0.	-251.177	6.765E-18	-1.156	-2.776E-18
169	0.49231	INV_SLU	Combination	Max			0.	-212.586	6.765E-18	-1.156	-6.106E-18
169	0.98462	INV_SLU	Combination	Max			0.	-173.995	6.765E-18	-1.156	-9.437E-18
169	1.47692	INV_SLU	Combination	Max			0.	-135.404	6.765E-18	-1.156	-1.277E-17
169	1.96923	INV_SLU	Combination	Max			0.	-96.813	6.765E-18	-1.156	-1.610E-17
169	2.46154	INV_SLU	Combination	Max			0.	-58.222	6.765E-18	-1.156	-1.222E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
169	2.95385	INV_SLU	Combination	Max			0.	-19.63	6.765E-18	-1.156	-7.868E-18
169	3.44615	INV_SLU	Combination	Max			0.	28.822	6.765E-18	-1.156	-3.512E-18
169	3.93846	INV_SLU	Combination	Max			0.	87.573	6.765E-18	-1.156	8.433E-19
169	4.43077	INV_SLU	Combination	Max			0.	146.324	6.765E-18	-1.156	5.199E-18
169	4.92308	INV_SLU	Combination	Max			0.	205.075	6.765E-18	-1.156	9.554E-18
169	5.41538	INV_SLU	Combination	Max			0.	263.826	6.765E-18	-1.156	1.391E-17
169	5.90769	INV_SLU	Combination	Max			0.	322.577	6.765E-18	-1.156	1.827E-17
169	6.4	INV_SLU	Combination	Max			0.	381.329	6.765E-18	-1.156	2.262E-17
169	0.	INV_SLU	Combination	Min			0.	-382.465	-8.847E-18	-1.6258	-3.400E-17
169	0.49231	INV_SLU	Combination	Min			0.	-323.714	-8.847E-18	-1.6258	-2.965E-17
169	0.98462	INV_SLU	Combination	Min			0.	-264.963	-8.847E-18	-1.6258	-2.529E-17
169	1.47692	INV_SLU	Combination	Min			0.	-206.211	-8.847E-18	-1.6258	-2.093E-17
169	1.96923	INV_SLU	Combination	Min			0.	-147.46	-8.847E-18	-1.6258	-1.658E-17
169	2.46154	INV_SLU	Combination	Min			0.	-88.709	-8.847E-18	-1.6258	-1.943E-17
169	2.95385	INV_SLU	Combination	Min			0.	-29.958	-8.847E-18	-1.6258	-2.276E-17
169	3.44615	INV_SLU	Combination	Min			0.	18.913	-8.847E-18	-1.6258	-2.609E-17
169	3.93846	INV_SLU	Combination	Min			0.	57.504	-8.847E-18	-1.6258	-2.942E-17
169	4.43077	INV_SLU	Combination	Min			0.	96.095	-8.847E-18	-1.6258	-3.275E-17
169	4.92308	INV_SLU	Combination	Min			0.	134.687	-8.847E-18	-1.6258	-3.608E-17
169	5.41538	INV_SLU	Combination	Min			0.	173.278	-8.847E-18	-1.6258	-3.941E-17
169	5.90769	INV_SLU	Combination	Min			0.	211.869	-8.847E-18	-1.6258	-4.274E-17
169	6.4	INV_SLU	Combination	Min			0.	250.46	-8.847E-18	-1.6258	-4.607E-17
169	0.	INV_SLV	Combination	Max			0.	-167.016	2.843E-16	0.2907	1.983E-15
169	0.49231	INV_SLV	Combination	Max			0.	-140.993	2.843E-16	0.2907	1.868E-15
169	0.98462	INV_SLV	Combination	Max			0.	-114.97	2.843E-16	0.2907	1.757E-15
169	1.47692	INV_SLV	Combination	Max			0.	-88.948	2.843E-16	0.2907	1.653E-15
169	1.96923	INV_SLV	Combination	Max			0.	-62.925	2.843E-16	0.2907	1.567E-15
169	2.46154	INV_SLV	Combination	Max			0.	-36.902	2.843E-16	0.2907	1.485E-15
169	2.95385	INV_SLV	Combination	Max			0.	-10.879	2.843E-16	0.2907	1.405E-15
169	3.44615	INV_SLV	Combination	Max			0.	15.143	2.843E-16	0.2907	1.330E-15
169	3.93846	INV_SLV	Combination	Max			0.	41.166	2.843E-16	0.2907	1.258E-15
169	4.43077	INV_SLV	Combination	Max			0.	67.189	2.843E-16	0.2907	1.189E-15
169	4.92308	INV_SLV	Combination	Max			0.	93.211	2.843E-16	0.2907	1.125E-15
169	5.41538	INV_SLV	Combination	Max			0.	119.234	2.843E-16	0.2907	1.064E-15
169	5.90769	INV_SLV	Combination	Max			0.	145.257	2.843E-16	0.2907	1.007E-15
169	6.4	INV_SLV	Combination	Max			0.	171.28	2.843E-16	0.2907	1.041E-15
169	0.	INV_SLV	Combination	Min			0.	-171.816	-2.878E-16	-2.0517	-2.010E-15
169	0.49231	INV_SLV	Combination	Min			0.	-145.793	-2.878E-16	-2.0517	-1.894E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
169	0.98462	INV_SLV	Combination	Min			0.	-119.77	-2.878E-16	-2.0517	-1.781E-15
169	1.47692	INV_SLV	Combination	Min			0.	-93.747	-2.878E-16	-2.0517	-1.676E-15
169	1.96923	INV_SLV	Combination	Min			0.	-67.725	-2.878E-16	-2.0517	-1.588E-15
169	2.46154	INV_SLV	Combination	Min			0.	-41.702	-2.878E-16	-2.0517	-1.504E-15
169	2.95385	INV_SLV	Combination	Min			0.	-15.679	-2.878E-16	-2.0517	-1.423E-15
169	3.44615	INV_SLV	Combination	Min			0.	10.343	-2.878E-16	-2.0517	-1.345E-15
169	3.93846	INV_SLV	Combination	Min			0.	36.366	-2.878E-16	-2.0517	-1.272E-15
169	4.43077	INV_SLV	Combination	Min			0.	62.389	-2.878E-16	-2.0517	-1.202E-15
169	4.92308	INV_SLV	Combination	Min			0.	88.412	-2.878E-16	-2.0517	-1.136E-15
169	5.41538	INV_SLV	Combination	Min			0.	114.434	-2.878E-16	-2.0517	-1.073E-15
169	5.90769	INV_SLV	Combination	Min			0.	140.457	-2.878E-16	-2.0517	-1.014E-15
169	6.4	INV_SLV	Combination	Min			0.	166.48	-2.878E-16	-2.0517	-1.047E-15
170	0.	INV_SLU	Combination	Max			0.	-250.958	3.851E-17	3.922E-04	-5.690E-17
170	0.49231	INV_SLU	Combination	Max			0.	-212.367	3.851E-17	3.922E-04	-5.792E-17
170	0.98462	INV_SLU	Combination	Max			0.	-173.776	3.851E-17	3.922E-04	-5.895E-17
170	1.47692	INV_SLU	Combination	Max			0.	-135.185	3.851E-17	3.922E-04	-5.997E-17
170	1.96923	INV_SLU	Combination	Max			0.	-96.593	3.851E-17	3.922E-04	-6.100E-17
170	2.46154	INV_SLU	Combination	Max			0.	-58.002	3.851E-17	3.922E-04	-6.202E-17
170	2.95385	INV_SLU	Combination	Max			0.	-19.411	3.851E-17	3.922E-04	-6.305E-17
170	3.44615	INV_SLU	Combination	Max			0.	29.139	3.851E-17	3.922E-04	-6.407E-17
170	3.93846	INV_SLU	Combination	Max			0.	87.89	3.851E-17	3.922E-04	-6.510E-17
170	4.43077	INV_SLU	Combination	Max			0.	146.641	3.851E-17	3.922E-04	-6.074E-17
170	4.92308	INV_SLU	Combination	Max			0.	205.393	3.851E-17	3.922E-04	-5.562E-17
170	5.41538	INV_SLU	Combination	Max			0.	264.144	3.851E-17	3.922E-04	-5.049E-17
170	5.90769	INV_SLU	Combination	Max			0.	322.895	3.851E-17	3.922E-04	-4.537E-17
170	6.4	INV_SLU	Combination	Max			0.	381.646	3.851E-17	3.922E-04	-4.025E-17
170	0.	INV_SLU	Combination	Min			0.	-382.166	-1.041E-17	-0.0206	-1.193E-16
170	0.49231	INV_SLU	Combination	Min			0.	-323.414	-1.041E-17	-0.0206	-1.250E-16
170	0.98462	INV_SLU	Combination	Min			0.	-264.663	-1.041E-17	-0.0206	-1.306E-16
170	1.47692	INV_SLU	Combination	Min			0.	-205.912	-1.041E-17	-0.0206	-1.363E-16
170	1.96923	INV_SLU	Combination	Min			0.	-147.161	-1.041E-17	-0.0206	-1.536E-16
170	2.46154	INV_SLU	Combination	Min			0.	-88.41	-1.041E-17	-0.0206	-1.725E-16
170	2.95385	INV_SLU	Combination	Min			0.	-29.659	-1.041E-17	-0.0206	-1.915E-16
170	3.44615	INV_SLU	Combination	Min			0.	19.102	-1.041E-17	-0.0206	-2.104E-16
170	3.93846	INV_SLU	Combination	Min			0.	57.694	-1.041E-17	-0.0206	-2.294E-16
170	4.43077	INV_SLU	Combination	Min			0.	96.285	-1.041E-17	-0.0206	-2.483E-16
170	4.92308	INV_SLU	Combination	Min			0.	134.876	-1.041E-17	-0.0206	-2.673E-16
170	5.41538	INV_SLU	Combination	Min			0.	173.467	-1.041E-17	-0.0206	-2.863E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
170	5.90769	INV_SLU	Combination	Min			0.	212.058	-1.041E-17	-0.0206	-3.052E-16
170	6.4	INV_SLU	Combination	Min			0.	250.649	-1.041E-17	-0.0206	-3.242E-16
170	0.	INV_SLV	Combination	Max			0.	-166.474	1.067E-15	0.491	2.897E-15
170	0.49231	INV_SLV	Combination	Max			0.	-140.451	1.067E-15	0.491	2.546E-15
170	0.98462	INV_SLV	Combination	Max			0.	-114.428	1.067E-15	0.491	2.224E-15
170	1.47692	INV_SLV	Combination	Max			0.	-88.406	1.067E-15	0.491	1.930E-15
170	1.96923	INV_SLV	Combination	Max			0.	-62.383	1.067E-15	0.491	1.665E-15
170	2.46154	INV_SLV	Combination	Max			0.	-36.36	1.067E-15	0.491	1.428E-15
170	2.95385	INV_SLV	Combination	Max			0.	-10.338	1.067E-15	0.491	1.596E-15
170	3.44615	INV_SLV	Combination	Max			0.	15.685	1.067E-15	0.491	2.053E-15
170	3.93846	INV_SLV	Combination	Max			0.	41.708	1.067E-15	0.491	2.519E-15
170	4.43077	INV_SLV	Combination	Max			0.	67.731	1.067E-15	0.491	2.992E-15
170	4.92308	INV_SLV	Combination	Max			0.	93.753	1.067E-15	0.491	3.469E-15
170	5.41538	INV_SLV	Combination	Max			0.	119.776	1.067E-15	0.491	3.950E-15
170	5.90769	INV_SLV	Combination	Max			0.	145.799	1.067E-15	0.491	4.433E-15
170	6.4	INV_SLV	Combination	Max			0.	171.822	1.067E-15	0.491	4.917E-15
170	0.	INV_SLV	Combination	Min			0.	-172.044	-1.074E-15	-0.5102	-3.008E-15
170	0.49231	INV_SLV	Combination	Min			0.	-146.021	-1.074E-15	-0.5102	-2.654E-15
170	0.98462	INV_SLV	Combination	Min			0.	-119.998	-1.074E-15	-0.5102	-2.328E-15
170	1.47692	INV_SLV	Combination	Min			0.	-93.976	-1.074E-15	-0.5102	-2.031E-15
170	1.96923	INV_SLV	Combination	Min			0.	-67.953	-1.074E-15	-0.5102	-1.763E-15
170	2.46154	INV_SLV	Combination	Min			0.	-41.93	-1.074E-15	-0.5102	-1.522E-15
170	2.95385	INV_SLV	Combination	Min			0.	-15.907	-1.074E-15	-0.5102	-1.687E-15
170	3.44615	INV_SLV	Combination	Min			0.	10.115	-1.074E-15	-0.5102	-2.140E-15
170	3.93846	INV_SLV	Combination	Min			0.	36.138	-1.074E-15	-0.5102	-2.603E-15
170	4.43077	INV_SLV	Combination	Min			0.	62.161	-1.074E-15	-0.5102	-3.072E-15
170	4.92308	INV_SLV	Combination	Min			0.	88.183	-1.074E-15	-0.5102	-3.546E-15
170	5.41538	INV_SLV	Combination	Min			0.	114.206	-1.074E-15	-0.5102	-4.023E-15
170	5.90769	INV_SLV	Combination	Min			0.	140.229	-1.074E-15	-0.5102	-4.503E-15
170	6.4	INV_SLV	Combination	Min			0.	166.252	-1.074E-15	-0.5102	-4.984E-15
171	0.	INV_SLU	Combination	Max			0.	-250.741	1.041E-17	0.0209	8.327E-17
171	0.49231	INV_SLU	Combination	Max			0.	-212.15	1.041E-17	0.0209	7.814E-17
171	0.98462	INV_SLU	Combination	Max			0.	-173.559	1.041E-17	0.0209	7.302E-17
171	1.47692	INV_SLU	Combination	Max			0.	-134.968	1.041E-17	0.0209	6.789E-17
171	1.96923	INV_SLU	Combination	Max			0.	-96.377	1.041E-17	0.0209	6.277E-17
171	2.46154	INV_SLU	Combination	Max			0.	-57.786	1.041E-17	0.0209	5.765E-17
171	2.95385	INV_SLU	Combination	Max			0.	-19.195	1.041E-17	0.0209	5.252E-17
171	3.44615	INV_SLU	Combination	Max			0.	29.563	1.041E-17	0.0209	4.740E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
171	3.93846	INV_SLU	Combination	Max			0.	88.314	1.041E-17	0.0209	4.227E-17
171	4.43077	INV_SLU	Combination	Max			0.	147.065	1.041E-17	0.0209	3.715E-17
171	4.92308	INV_SLU	Combination	Max			0.	205.816	1.041E-17	0.0209	3.203E-17
171	5.41538	INV_SLU	Combination	Max			0.	264.567	1.041E-17	0.0209	2.690E-17
171	5.90769	INV_SLU	Combination	Max			0.	323.319	1.041E-17	0.0209	2.178E-17
171	6.4	INV_SLU	Combination	Max			0.	382.07	1.041E-17	0.0209	1.665E-17
171	0.	INV_SLU	Combination	Min			0.	-381.711	1.041E-17	0.0071	8.327E-17
171	0.49231	INV_SLU	Combination	Min			0.	-322.96	1.041E-17	0.0071	7.814E-17
171	0.98462	INV_SLU	Combination	Min			0.	-264.209	1.041E-17	0.0071	7.302E-17
171	1.47692	INV_SLU	Combination	Min			0.	-205.457	1.041E-17	0.0071	6.789E-17
171	1.96923	INV_SLU	Combination	Min			0.	-146.706	1.041E-17	0.0071	6.277E-17
171	2.46154	INV_SLU	Combination	Min			0.	-87.955	1.041E-17	0.0071	5.765E-17
171	2.95385	INV_SLU	Combination	Min			0.	-29.204	1.041E-17	0.0071	5.252E-17
171	3.44615	INV_SLU	Combination	Min			0.	19.371	1.041E-17	0.0071	4.740E-17
171	3.93846	INV_SLU	Combination	Min			0.	57.962	1.041E-17	0.0071	4.227E-17
171	4.43077	INV_SLU	Combination	Min			0.	96.553	1.041E-17	0.0071	3.715E-17
171	4.92308	INV_SLU	Combination	Min			0.	135.144	1.041E-17	0.0071	3.203E-17
171	5.41538	INV_SLU	Combination	Min			0.	173.735	1.041E-17	0.0071	2.690E-17
171	5.90769	INV_SLU	Combination	Min			0.	212.326	1.041E-17	0.0071	2.178E-17
171	6.4	INV_SLU	Combination	Min			0.	250.918	1.041E-17	0.0071	1.665E-17
171	0.	INV_SLV	Combination	Max			0.	-168.2	5.235E-16	0.5174	3.312E-15
171	0.49231	INV_SLV	Combination	Max			0.	-142.177	5.235E-16	0.5174	3.123E-15
171	0.98462	INV_SLV	Combination	Max			0.	-116.154	5.235E-16	0.5174	2.934E-15
171	1.47692	INV_SLV	Combination	Max			0.	-90.132	5.235E-16	0.5174	2.745E-15
171	1.96923	INV_SLV	Combination	Max			0.	-64.109	5.235E-16	0.5174	2.556E-15
171	2.46154	INV_SLV	Combination	Max			0.	-38.086	5.235E-16	0.5174	2.487E-15
171	2.95385	INV_SLV	Combination	Max			0.	-12.063	5.235E-16	0.5174	2.528E-15
171	3.44615	INV_SLV	Combination	Max			0.	13.959	5.235E-16	0.5174	2.568E-15
171	3.93846	INV_SLV	Combination	Max			0.	39.982	5.235E-16	0.5174	2.608E-15
171	4.43077	INV_SLV	Combination	Max			0.	66.005	5.235E-16	0.5174	2.764E-15
171	4.92308	INV_SLV	Combination	Max			0.	92.028	5.235E-16	0.5174	2.935E-15
171	5.41538	INV_SLV	Combination	Max			0.	118.05	5.235E-16	0.5174	3.107E-15
171	5.90769	INV_SLV	Combination	Max			0.	144.073	5.235E-16	0.5174	3.278E-15
171	6.4	INV_SLV	Combination	Max			0.	170.096	5.235E-16	0.5174	3.450E-15
171	0.	INV_SLV	Combination	Min			0.	-170.007	-5.096E-16	-0.5039	-3.201E-15
171	0.49231	INV_SLV	Combination	Min			0.	-143.984	-5.096E-16	-0.5039	-3.019E-15
171	0.98462	INV_SLV	Combination	Min			0.	-117.961	-5.096E-16	-0.5039	-2.837E-15
171	1.47692	INV_SLV	Combination	Min			0.	-91.938	-5.096E-16	-0.5039	-2.655E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
171	1.96923	INV_SLV	Combination	Min			0.	-65.916	-5.096E-16	-0.5039	-2.473E-15
171	2.46154	INV_SLV	Combination	Min			0.	-39.893	-5.096E-16	-0.5039	-2.410E-15
171	2.95385	INV_SLV	Combination	Min			0.	-13.87	-5.096E-16	-0.5039	-2.458E-15
171	3.44615	INV_SLV	Combination	Min			0.	12.153	-5.096E-16	-0.5039	-2.505E-15
171	3.93846	INV_SLV	Combination	Min			0.	38.175	-5.096E-16	-0.5039	-2.552E-15
171	4.43077	INV_SLV	Combination	Min			0.	64.198	-5.096E-16	-0.5039	-2.714E-15
171	4.92308	INV_SLV	Combination	Min			0.	90.221	-5.096E-16	-0.5039	-2.893E-15
171	5.41538	INV_SLV	Combination	Min			0.	116.243	-5.096E-16	-0.5039	-3.071E-15
171	5.90769	INV_SLV	Combination	Min			0.	142.266	-5.096E-16	-0.5039	-3.249E-15
171	6.4	INV_SLV	Combination	Min			0.	168.289	-5.096E-16	-0.5039	-3.428E-15
172	0.	INV_SLU	Combination	Max			0.	-255.074	5.204E-18	0.0836	-2.082E-17
172	0.49231	INV_SLU	Combination	Max			0.	-216.482	5.204E-18	0.0836	-2.338E-17
172	0.98462	INV_SLU	Combination	Max			0.	-177.891	5.204E-18	0.0836	-2.594E-17
172	1.47692	INV_SLU	Combination	Max			0.	-139.3	5.204E-18	0.0836	-2.850E-17
172	1.96923	INV_SLU	Combination	Max			0.	-100.709	5.204E-18	0.0836	-3.106E-17
172	2.46154	INV_SLU	Combination	Max			0.	-62.118	5.204E-18	0.0836	-3.203E-18
172	2.95385	INV_SLU	Combination	Max			0.	-23.527	5.204E-18	0.0836	3.779E-17
172	3.44615	INV_SLU	Combination	Max			0.	22.67	5.204E-18	0.0836	7.878E-17
172	3.93846	INV_SLU	Combination	Max			0.	81.421	5.204E-18	0.0836	1.198E-16
172	4.43077	INV_SLU	Combination	Max			0.	140.172	5.204E-18	0.0836	1.608E-16
172	4.92308	INV_SLU	Combination	Max			0.	198.924	5.204E-18	0.0836	2.018E-16
172	5.41538	INV_SLU	Combination	Max			0.	257.675	5.204E-18	0.0836	2.428E-16
172	5.90769	INV_SLU	Combination	Max			0.	316.426	5.204E-18	0.0836	2.837E-16
172	6.4	INV_SLU	Combination	Max			0.	375.177	5.204E-18	0.0836	3.247E-16
172	0.	INV_SLU	Combination	Min			0.	-388.735	-8.327E-17	0.0088	-2.082E-16
172	0.49231	INV_SLU	Combination	Min			0.	-329.984	-8.327E-17	0.0088	-1.672E-16
172	0.98462	INV_SLU	Combination	Min			0.	-271.233	-8.327E-17	0.0088	-1.262E-16
172	1.47692	INV_SLU	Combination	Min			0.	-212.482	-8.327E-17	0.0088	-8.519E-17
172	1.96923	INV_SLU	Combination	Min			0.	-153.731	-8.327E-17	0.0088	-4.420E-17
172	2.46154	INV_SLU	Combination	Min			0.	-94.98	-8.327E-17	0.0088	-4.163E-17
172	2.95385	INV_SLU	Combination	Min			0.	-36.228	-8.327E-17	0.0088	-4.163E-17
172	3.44615	INV_SLU	Combination	Min			0.	14.819	-8.327E-17	0.0088	-4.163E-17
172	3.93846	INV_SLU	Combination	Min			0.	53.41	-8.327E-17	0.0088	-4.163E-17
172	4.43077	INV_SLU	Combination	Min			0.	92.001	-8.327E-17	0.0088	-4.388E-17
172	4.92308	INV_SLU	Combination	Min			0.	130.592	-8.327E-17	0.0088	-4.644E-17
172	5.41538	INV_SLU	Combination	Min			0.	169.183	-8.327E-17	0.0088	-4.900E-17
172	5.90769	INV_SLU	Combination	Min			0.	207.774	-8.327E-17	0.0088	-5.156E-17
172	6.4	INV_SLU	Combination	Min			0.	246.366	-8.327E-17	0.0088	-5.412E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
172	0.	INV_SLV	Combination	Max			0.	-163.238	1.258E-15	1.1222	2.882E-15
172	0.49231	INV_SLV	Combination	Max			0.	-137.215	1.258E-15	1.1222	2.753E-15
172	0.98462	INV_SLV	Combination	Max			0.	-111.192	1.258E-15	1.1222	2.726E-15
172	1.47692	INV_SLV	Combination	Max			0.	-85.17	1.258E-15	1.1222	2.770E-15
172	1.96923	INV_SLV	Combination	Max			0.	-59.147	1.258E-15	1.1222	2.860E-15
172	2.46154	INV_SLV	Combination	Max			0.	-33.124	1.258E-15	1.1222	2.977E-15
172	2.95385	INV_SLV	Combination	Max			0.	-7.101	1.258E-15	1.1222	3.111E-15
172	3.44615	INV_SLV	Combination	Max			0.	18.921	1.258E-15	1.1222	3.257E-15
172	3.93846	INV_SLV	Combination	Max			0.	44.944	1.258E-15	1.1222	3.412E-15
172	4.43077	INV_SLV	Combination	Max			0.	70.967	1.258E-15	1.1222	3.954E-15
172	4.92308	INV_SLV	Combination	Max			0.	96.989	1.258E-15	1.1222	4.555E-15
172	5.41538	INV_SLV	Combination	Max			0.	123.012	1.258E-15	1.1222	5.159E-15
172	5.90769	INV_SLV	Combination	Max			0.	149.035	1.258E-15	1.1222	5.766E-15
172	6.4	INV_SLV	Combination	Max			0.	175.058	1.258E-15	1.1222	6.375E-15
172	0.	INV_SLV	Combination	Min			0.	-180.97	-1.258E-15	-1.1296	-2.937E-15
172	0.49231	INV_SLV	Combination	Min			0.	-154.947	-1.258E-15	-1.1296	-2.809E-15
172	0.98462	INV_SLV	Combination	Min			0.	-128.924	-1.258E-15	-1.1296	-2.782E-15
172	1.47692	INV_SLV	Combination	Min			0.	-102.902	-1.258E-15	-1.1296	-2.826E-15
172	1.96923	INV_SLV	Combination	Min			0.	-76.879	-1.258E-15	-1.1296	-2.915E-15
172	2.46154	INV_SLV	Combination	Min			0.	-50.856	-1.258E-15	-1.1296	-3.032E-15
172	2.95385	INV_SLV	Combination	Min			0.	-24.833	-1.258E-15	-1.1296	-3.167E-15
172	3.44615	INV_SLV	Combination	Min			0.	1.189	-1.258E-15	-1.1296	-3.313E-15
172	3.93846	INV_SLV	Combination	Min			0.	27.212	-1.258E-15	-1.1296	-3.467E-15
172	4.43077	INV_SLV	Combination	Min			0.	53.235	-1.258E-15	-1.1296	-4.010E-15
172	4.92308	INV_SLV	Combination	Min			0.	79.258	-1.258E-15	-1.1296	-4.611E-15
172	5.41538	INV_SLV	Combination	Min			0.	105.28	-1.258E-15	-1.1296	-5.215E-15
172	5.90769	INV_SLV	Combination	Min			0.	131.303	-1.258E-15	-1.1296	-5.822E-15
172	6.4	INV_SLV	Combination	Min			0.	157.326	-1.258E-15	-1.1296	-6.430E-15
173	0.	INV_SLU	Combination	Max			0.	-150.994	5.240E-15	0.2993	-7.994E-16
173	0.4	INV_SLU	Combination	Max			0.	-134.147	5.240E-15	0.2993	-2.895E-15
173	0.8	INV_SLU	Combination	Max			0.	-117.3	5.240E-15	0.2993	-4.992E-15
173	0.8	INV_SLU	Combination	Max			0.	-37.117	5.329E-15	0.0895	2.665E-15
173	1.2	INV_SLU	Combination	Max			0.	-20.27	5.329E-15	0.0895	5.329E-16
173	1.6	INV_SLU	Combination	Max			0.	-3.422	5.329E-15	0.0895	-1.599E-15
173	1.6	INV_SLU	Combination	Max			0.	-14.246	5.054E-14	0.0037	1.497E-14
173	2.	INV_SLU	Combination	Max			0.	3.717	5.054E-14	0.0037	1.013E-15
173	2.4	INV_SLU	Combination	Max			0.	28.754	5.054E-14	0.0037	-2.149E-15
173	2.4	INV_SLU	Combination	Max			0.	-17.341	2.487E-15	-0.1056	-3.109E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
173	2.8	INV_SLU	Combination	Max			0.	-0.493	2.487E-15	-0.1056	-1.092E-15
173	3.2	INV_SLU	Combination	Max			0.	24.062	2.487E-15	-0.1056	7.452E-15
173	3.2	INV_SLU	Combination	Max			0.	-17.875	5.329E-15	0.1487	3.553E-16
173	3.6	INV_SLU	Combination	Max			0.	-1.028	5.329E-15	0.1487	6.750E-15
173	4.	INV_SLU	Combination	Max			0.	23.335	5.329E-15	0.1487	1.315E-14
173	4.	INV_SLU	Combination	Max			0.	-18.04	2.522E-14	0.4399	1.976E-15
173	4.4	INV_SLU	Combination	Max			0.	-1.193	2.522E-14	0.4399	4.130E-16
173	4.8	INV_SLU	Combination	Max			0.	23.181	2.522E-14	0.4399	-1.150E-15
173	4.8	INV_SLU	Combination	Max			0.	-19.24	9.992E-15	2.0323	3.331E-15
173	5.2	INV_SLU	Combination	Max			0.	-2.393	9.992E-15	2.0323	-6.661E-16
173	5.6	INV_SLU	Combination	Max			0.	21.352	9.992E-15	2.0323	1.066E-15
173	5.6	INV_SLU	Combination	Max			0.	-26.897	2.589E-14	5.9728	3.331E-16
173	6.	INV_SLU	Combination	Max			0.	-10.049	2.589E-14	5.9728	-1.497E-15
173	6.4	INV_SLU	Combination	Max			0.	10.61	2.589E-14	5.9728	-3.326E-15
173	0.	INV_SLU	Combination	Min			0.	-230.951	5.240E-15	-0.4164	-1.066E-14
173	0.4	INV_SLU	Combination	Min			0.	-205.913	5.240E-15	-0.4164	-1.275E-14
173	0.8	INV_SLU	Combination	Min			0.	-180.876	5.240E-15	-0.4164	-1.485E-14
173	0.8	INV_SLU	Combination	Min			0.	-55.896	5.329E-15	-0.2547	1.998E-15
173	1.2	INV_SLU	Combination	Min			0.	-30.859	5.329E-15	-0.2547	-1.332E-16
173	1.6	INV_SLU	Combination	Min			0.	-5.822	5.329E-15	-0.2547	-2.265E-15
173	1.6	INV_SLU	Combination	Min			0.	-21.577	7.905E-15	-0.0946	2.975E-15
173	2.	INV_SLU	Combination	Min			0.	2.174	7.905E-15	-0.0946	-5.249E-15
173	2.4	INV_SLU	Combination	Min			0.	19.021	7.905E-15	-0.0946	-2.546E-14
173	2.4	INV_SLU	Combination	Min			0.	-26.281	-2.469E-14	-0.1262	-1.230E-14
173	2.8	INV_SLU	Combination	Min			0.	-1.244	-2.469E-14	-0.1262	-2.638E-15
173	3.2	INV_SLU	Combination	Min			0.	15.905	-2.469E-14	-0.1262	-2.833E-15
173	3.2	INV_SLU	Combination	Min			0.	-26.994	-1.599E-14	0.0272	-3.109E-16
173	3.6	INV_SLU	Combination	Min			0.	-1.956	-1.599E-14	0.0272	-1.776E-15
173	4.	INV_SLU	Combination	Min			0.	15.396	-1.599E-14	0.0272	-3.908E-15
173	4.	INV_SLU	Combination	Min			0.	-27.098	3.908E-15	0.172	1.976E-15
173	4.4	INV_SLU	Combination	Min			0.	-2.061	3.908E-15	0.172	-8.114E-15
173	4.8	INV_SLU	Combination	Min			0.	15.313	3.908E-15	0.172	-1.820E-14
173	4.8	INV_SLU	Combination	Min			0.	-28.796	-1.132E-14	1.4234	-7.994E-15
173	5.2	INV_SLU	Combination	Min			0.	-3.759	-1.132E-14	1.4234	-3.464E-15
173	5.6	INV_SLU	Combination	Min			0.	14.332	-1.132E-14	1.4234	-5.329E-15
173	5.6	INV_SLU	Combination	Min			0.	-39.635	4.574E-15	4.8058	3.331E-16
173	6.	INV_SLU	Combination	Min			0.	-14.598	4.574E-15	4.8058	-1.002E-14
173	6.4	INV_SLU	Combination	Min			0.	6.512	4.574E-15	4.8058	-2.038E-14

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
173	0.	INV_SLV	Combination	Max			0.	-83.788	2.760E-13	10.1849	2.033E-13
173	0.4	INV_SLV	Combination	Max			0.	-72.317	2.760E-13	10.1849	1.212E-13
173	0.8	INV_SLV	Combination	Max			0.	-60.845	2.760E-13	10.1849	1.634E-13
173	0.8	INV_SLV	Combination	Max			0.	-13.622	3.601E-13	5.337	1.544E-13
173	1.2	INV_SLV	Combination	Max			0.	-2.151	3.601E-13	5.337	6.572E-14
173	1.6	INV_SLV	Combination	Max			0.	9.321	3.601E-13	5.337	1.523E-13
173	1.6	INV_SLV	Combination	Max			0.	8.742	5.395E-13	2.3091	1.482E-13
173	2.	INV_SLV	Combination	Max			0.	20.213	5.395E-13	2.3091	1.394E-13
173	2.4	INV_SLV	Combination	Max			0.	31.685	5.395E-13	2.3091	2.961E-13
173	2.4	INV_SLV	Combination	Max			0.	7.807	7.772E-13	1.5688	3.024E-13
173	2.8	INV_SLV	Combination	Max			0.	19.279	7.772E-13	1.5688	1.085E-13
173	3.2	INV_SLV	Combination	Max			0.	30.75	7.772E-13	1.5688	3.256E-13
173	3.2	INV_SLV	Combination	Max			0.	7.105	5.210E-13	0.6489	1.692E-13
173	3.6	INV_SLV	Combination	Max			0.	18.576	5.210E-13	0.6489	3.686E-13
173	4.	INV_SLV	Combination	Max			0.	30.048	5.210E-13	0.6489	5.738E-13
173	4.	INV_SLV	Combination	Max			0.	4.81	3.470E-13	1.1178	1.550E-13
173	4.4	INV_SLV	Combination	Max			0.	16.281	3.470E-13	1.1178	8.512E-14
173	4.8	INV_SLV	Combination	Max			0.	27.753	3.470E-13	1.1178	1.615E-13
173	4.8	INV_SLV	Combination	Max			0.	-0.988	5.279E-13	5.6773	1.880E-13
173	5.2	INV_SLV	Combination	Max			0.	10.483	5.279E-13	5.6773	2.113E-13
173	5.6	INV_SLV	Combination	Max			0.	21.954	5.279E-13	5.6773	3.715E-13
173	5.6	INV_SLV	Combination	Max			0.	-17.375	2.667E-13	16.5084	1.238E-13
173	6.	INV_SLV	Combination	Max			0.	-5.904	2.667E-13	16.5084	1.856E-13
173	6.4	INV_SLV	Combination	Max			0.	5.568	2.667E-13	16.5084	2.818E-13
173	0.	INV_SLV	Combination	Min			0.	-119.774	-2.671E-13	-10.1145	-2.033E-13
173	0.4	INV_SLV	Combination	Min			0.	-108.303	-2.671E-13	-10.1145	-1.247E-13
173	0.8	INV_SLV	Combination	Min			0.	-96.831	-2.671E-13	-10.1145	-1.705E-13
173	0.8	INV_SLV	Combination	Min			0.	-36.962	-3.530E-13	-5.3616	-1.518E-13
173	1.2	INV_SLV	Combination	Min			0.	-25.491	-3.530E-13	-5.3616	-6.589E-14
173	1.6	INV_SLV	Combination	Min			0.	-14.019	-3.530E-13	-5.3616	-1.553E-13
173	1.6	INV_SLV	Combination	Min			0.	-28.583	-5.270E-13	-2.3138	-1.419E-13
173	2.	INV_SLV	Combination	Min			0.	-17.112	-5.270E-13	-2.3138	-1.382E-13
173	2.4	INV_SLV	Combination	Min			0.	-5.64	-5.270E-13	-2.3138	-2.999E-13
173	2.4	INV_SLV	Combination	Min			0.	-31.849	-7.807E-13	-1.6695	-3.050E-13
173	2.8	INV_SLV	Combination	Min			0.	-20.377	-7.807E-13	-1.6695	-1.097E-13
173	3.2	INV_SLV	Combination	Min			0.	-8.906	-7.807E-13	-1.6695	-3.254E-13
173	3.2	INV_SLV	Combination	Min			0.	-31.854	-5.139E-13	-0.438	-1.692E-13
173	3.6	INV_SLV	Combination	Min			0.	-20.383	-5.139E-13	-0.438	-3.714E-13

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
173	4.	INV_SLV	Combination	Min			0.	-8.911	-5.139E-13	-0.438	-5.795E-13
173	4.	INV_SLV	Combination	Min			0.	-29.698	-3.399E-13	-0.5393	-1.519E-13
173	4.4	INV_SLV	Combination	Min			0.	-18.227	-3.399E-13	-0.5393	-8.485E-14
173	4.8	INV_SLV	Combination	Min			0.	-6.756	-3.399E-13	-0.5393	-1.641E-13
173	4.8	INV_SLV	Combination	Min			0.	-25.228	-5.146E-13	-3.0234	-1.845E-13
173	5.2	INV_SLV	Combination	Min			0.	-13.757	-5.146E-13	-3.0234	-2.130E-13
173	5.6	INV_SLV	Combination	Min			0.	-2.285	-5.146E-13	-3.0234	-3.786E-13
173	5.6	INV_SLV	Combination	Min			0.	-19.475	-2.587E-13	-8.6837	-1.234E-13
173	6.	INV_SLV	Combination	Min			0.	-8.004	-2.587E-13	-8.6837	-1.884E-13
173	6.4	INV_SLV	Combination	Min			0.	3.468	-2.587E-13	-8.6837	-2.877E-13
174	0.	INV_SLU	Combination	Max			-161.161	25.868	-31.729	-0.0242	-63.311
174	1.75	INV_SLU	Combination	Max			-150.926	20.618	-38.077	-0.0242	1.9065
174	3.5	INV_SLU	Combination	Max			-140.692	19.914	-38.862	-0.0242	100.1141
174	0.	INV_SLU	Combination	Min			-218.918	19.779	-55.47	-0.0589	-95.1657
174	1.75	INV_SLU	Combination	Min			-208.684	19.779	-55.47	-0.0589	-2.2309
174	3.5	INV_SLU	Combination	Min			-198.449	15.368	-58.807	-0.0589	68.0646
174	0.	INV_SLV	Combination	Max			-99.542	44.743	-18.232	1.118	-32.7144
174	1.75	INV_SLV	Combination	Max			-91.67	44.743	-18.232	1.118	0.9733
174	3.5	INV_SLV	Combination	Max			-83.797	44.743	-18.232	1.118	61.0758
174	0.	INV_SLV	Combination	Min			-127.349	-16.231	-34.354	-1.1625	-59.1641
174	1.75	INV_SLV	Combination	Min			-119.477	-16.231	-34.354	-1.1625	-0.8268
174	3.5	INV_SLV	Combination	Min			-111.604	-16.231	-34.354	-1.1625	31.0959
175	0.	INV_SLU	Combination	Max			-330.682	17.841	7.363	-0.0242	12.183
175	1.75	INV_SLU	Combination	Max			-320.447	13.13	7.363	-0.0242	-0.1871
175	3.5	INV_SLU	Combination	Max			-310.213	12.547	7.363	-0.0242	-8.7816
175	0.	INV_SLU	Combination	Min			-472.812	11.62	4.877	-0.0589	8.2867
175	1.75	INV_SLU	Combination	Min			-462.578	11.62	4.877	-0.0589	-0.738
175	3.5	INV_SLU	Combination	Min			-452.343	7.341	4.877	-0.0589	-13.5866
175	0.	INV_SLV	Combination	Max			-215.646	34.359	14.779	1.118	25.1504
175	1.75	INV_SLV	Combination	Max			-207.773	34.359	14.779	1.118	0.3443
175	3.5	INV_SLV	Combination	Max			-199.9	34.359	14.779	1.118	14.1625
175	0.	INV_SLV	Combination	Min			-242.827	-16.675	-7.899	-1.1625	-13.4825
175	1.75	INV_SLV	Combination	Min			-234.954	-16.675	-7.899	-1.1625	-0.7167
175	3.5	INV_SLV	Combination	Min			-227.081	-16.675	-7.899	-1.1625	-26.5752
176	0.	INV_SLU	Combination	Max			-308.68	17.935	-1.557	-0.0242	-2.6356
176	1.75	INV_SLU	Combination	Max			-298.446	13.151	-1.557	-0.0242	0.2617
176	3.5	INV_SLU	Combination	Max			-288.211	12.507	-1.557	-0.0242	4.9324
176	0.	INV_SLU	Combination	Min			-438.65	11.61	-2.669	-0.0589	-4.4091

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
176	1.75	INV_SLU	Combination	Min			-428.415	11.61	-2.669	-0.0589	0.0884
176	3.5	INV_SLU	Combination	Min			-418.181	7.435	-2.669	-0.0589	2.8124
176	0.	INV_SLV	Combination	Max			-203.	29.867	9.599	1.118	16.3123
176	1.75	INV_SLV	Combination	Max			-195.128	29.867	9.599	1.118	0.6656
176	3.5	INV_SLV	Combination	Max			-187.255	29.867	9.599	1.118	21.7105
176	0.	INV_SLV	Combination	Min			-224.71	-12.161	-12.029	-1.1625	-20.3924
176	1.75	INV_SLV	Combination	Min			-216.837	-12.161	-12.029	-1.1625	-0.493
176	3.5	INV_SLV	Combination	Min			-208.965	-12.161	-12.029	-1.1625	-17.2851
177	0.	INV_SLU	Combination	Max			-312.702	18.296	-0.479	-0.0242	-0.8629
177	1.75	INV_SLU	Combination	Max			-302.467	13.542	-0.479	-0.0242	0.0019
177	3.5	INV_SLU	Combination	Max			-292.233	12.835	-0.479	-0.0242	1.8634
177	0.	INV_SLU	Combination	Min			-444.785	11.868	-1.079	-0.0589	-1.9146
177	1.75	INV_SLU	Combination	Min			-434.551	11.868	-1.079	-0.0589	-0.0412
177	3.5	INV_SLU	Combination	Min			-424.316	7.796	-1.079	-0.0589	0.8147
177	0.	INV_SLV	Combination	Max			-207.864	25.777	10.426	1.118	17.6701
177	1.75	INV_SLV	Combination	Max			-199.991	25.777	10.426	1.118	0.5655
177	3.5	INV_SLV	Combination	Max			-192.119	25.777	10.426	1.118	20.4517
177	0.	INV_SLV	Combination	Min			-225.369	-7.68	-11.367	-1.1625	-19.333
177	1.75	INV_SLV	Combination	Min			-217.496	-7.68	-11.367	-1.1625	-0.5822
177	3.5	INV_SLV	Combination	Min			-209.624	-7.68	-11.367	-1.1625	-18.8222
178	0.	INV_SLU	Combination	Max			-314.284	20.266	-0.657	-0.0242	-1.1399
178	1.75	INV_SLU	Combination	Max			-304.05	16.078	-0.657	-0.0242	0.0491
178	3.5	INV_SLU	Combination	Max			-293.815	15.356	-0.657	-0.0242	2.4023
178	0.	INV_SLU	Combination	Min			-446.629	13.813	-1.345	-0.0589	-2.3041
178	1.75	INV_SLU	Combination	Min			-436.395	13.813	-1.345	-0.0589	0.0091
178	3.5	INV_SLU	Combination	Min			-426.161	9.766	-1.345	-0.0589	1.1582
178	0.	INV_SLV	Combination	Max			-212.308	22.24	10.283	1.118	17.4469
178	1.75	INV_SLV	Combination	Max			-204.435	22.24	10.283	1.118	0.5902
178	3.5	INV_SLV	Combination	Max			-196.563	22.24	10.283	1.118	20.6549
178	0.	INV_SLV	Combination	Min			-223.167	-1.366	-11.469	-1.1625	-19.487
178	1.75	INV_SLV	Combination	Min			-215.294	-1.366	-11.469	-1.1625	-0.5541
178	3.5	INV_SLV	Combination	Min			-207.421	-1.366	-11.469	-1.1625	-18.5427
179	0.	INV_SLU	Combination	Max			-314.321	20.449	-0.602	-0.0242	-1.0568
179	1.75	INV_SLU	Combination	Max			-304.087	16.228	-0.602	-0.0242	0.0268
179	3.5	INV_SLU	Combination	Max			-293.852	15.456	-0.602	-0.0242	2.2334
179	0.	INV_SLU	Combination	Min			-446.705	13.913	-1.264	-0.0589	-2.1891
179	1.75	INV_SLU	Combination	Min			-436.47	13.913	-1.264	-0.0589	-0.0039
179	3.5	INV_SLU	Combination	Min			-426.236	9.949	-1.264	-0.0589	1.049

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
179	0.	INV_SLV	Combination	Max			-212.882	21.536	10.328	1.118	17.5157
179	1.75	INV_SLV	Combination	Max			-205.009	21.536	10.328	1.118	0.5829
179	3.5	INV_SLV	Combination	Max			-197.136	21.536	10.328	1.118	20.5956
179	0.	INV_SLV	Combination	Min			-222.682	-0.491	-11.439	-1.1625	-19.4422
179	1.75	INV_SLV	Combination	Min			-214.809	-0.491	-11.439	-1.1625	-0.5655
179	3.5	INV_SLV	Combination	Min			-206.936	-0.491	-11.439	-1.1625	-18.6343
180	0.	INV_SLU	Combination	Max			0.	-23.246	9.714E-18	7.2567	2.082E-17
180	0.4875	INV_SLU	Combination	Max			0.	-20.395	9.714E-18	7.2567	2.115E-17
180	0.975	INV_SLU	Combination	Max			0.	-17.544	9.714E-18	7.2567	2.149E-17
180	1.4625	INV_SLU	Combination	Max			0.	-14.693	9.714E-18	7.2567	2.183E-17
180	1.95	INV_SLU	Combination	Max			0.	-11.842	9.714E-18	7.2567	2.217E-17
180	2.4375	INV_SLU	Combination	Max			0.	-8.991	9.714E-18	7.2567	2.251E-17
180	2.925	INV_SLU	Combination	Max			0.	-6.14	9.714E-18	7.2567	2.285E-17
180	3.4125	INV_SLU	Combination	Max			0.	-3.289	9.714E-18	7.2567	2.318E-17
180	3.9	INV_SLU	Combination	Max			0.	-0.438	9.714E-18	7.2567	2.352E-17
180	4.3875	INV_SLU	Combination	Max			0.	2.413	9.714E-18	7.2567	2.386E-17
180	4.875	INV_SLU	Combination	Max			0.	5.264	9.714E-18	7.2567	2.420E-17
180	5.3625	INV_SLU	Combination	Max			0.	8.115	9.714E-18	7.2567	2.454E-17
180	5.85	INV_SLU	Combination	Max			0.	10.966	9.714E-18	7.2567	2.748E-17
180	6.3375	INV_SLU	Combination	Max			0.	13.817	9.714E-18	7.2567	3.289E-17
180	6.825	INV_SLU	Combination	Max			0.	16.668	9.714E-18	7.2567	3.830E-17
180	7.3125	INV_SLU	Combination	Max			0.	19.519	9.714E-18	7.2567	4.372E-17
180	7.8	INV_SLU	Combination	Max			0.	22.37	9.714E-18	7.2567	4.913E-17
180	0.	INV_SLU	Combination	Min			0.	-23.584	-1.110E-17	4.5555	-4.996E-17
180	0.4875	INV_SLU	Combination	Min			0.	-20.733	-1.110E-17	4.5555	-4.759E-17
180	0.975	INV_SLU	Combination	Min			0.	-17.882	-1.110E-17	4.5555	-4.522E-17
180	1.4625	INV_SLU	Combination	Min			0.	-15.03	-1.110E-17	4.5555	-4.286E-17
180	1.95	INV_SLU	Combination	Min			0.	-12.179	-1.110E-17	4.5555	-4.049E-17
180	2.4375	INV_SLU	Combination	Min			0.	-9.328	-1.110E-17	4.5555	-3.812E-17
180	2.925	INV_SLU	Combination	Min			0.	-6.477	-1.110E-17	4.5555	-3.575E-17
180	3.4125	INV_SLU	Combination	Min			0.	-3.626	-1.110E-17	4.5555	-3.338E-17
180	3.9	INV_SLU	Combination	Min			0.	-0.775	-1.110E-17	4.5555	-3.789E-17
180	4.3875	INV_SLU	Combination	Min			0.	2.076	-1.110E-17	4.5555	-4.262E-17
180	4.875	INV_SLU	Combination	Min			0.	4.927	-1.110E-17	4.5555	-4.736E-17
180	5.3625	INV_SLU	Combination	Min			0.	7.778	-1.110E-17	4.5555	-5.209E-17
180	5.85	INV_SLU	Combination	Min			0.	10.629	-1.110E-17	4.5555	-5.683E-17
180	6.3375	INV_SLU	Combination	Min			0.	13.48	-1.110E-17	4.5555	-6.157E-17
180	6.825	INV_SLU	Combination	Min			0.	16.331	-1.110E-17	4.5555	-6.630E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
180	7.3125	INV_SLU	Combination	Min			0.	19.182	-1.110E-17	4.5555	-7.104E-17
180	7.8	INV_SLU	Combination	Min			0.	22.033	-1.110E-17	4.5555	-7.577E-17
180	0.	INV_SLV	Combination	Max			0.	-3.466	1.465E-16	3.5087	6.770E-16
180	0.4875	INV_SLV	Combination	Max			0.	-1.272	1.465E-16	3.5087	6.280E-16
180	0.975	INV_SLV	Combination	Max			0.	0.921	1.465E-16	3.5087	5.790E-16
180	1.4625	INV_SLV	Combination	Max			0.	3.114	1.465E-16	3.5087	5.300E-16
180	1.95	INV_SLV	Combination	Max			0.	5.307	1.465E-16	3.5087	4.810E-16
180	2.4375	INV_SLV	Combination	Max			0.	7.5	1.465E-16	3.5087	4.320E-16
180	2.925	INV_SLV	Combination	Max			0.	9.693	1.465E-16	3.5087	3.830E-16
180	3.4125	INV_SLV	Combination	Max			0.	11.886	1.465E-16	3.5087	3.343E-16
180	3.9	INV_SLV	Combination	Max			0.	14.079	1.465E-16	3.5087	2.870E-16
180	4.3875	INV_SLV	Combination	Max			0.	16.272	1.465E-16	3.5087	3.347E-16
180	4.875	INV_SLV	Combination	Max			0.	18.465	1.465E-16	3.5087	4.047E-16
180	5.3625	INV_SLV	Combination	Max			0.	20.659	1.465E-16	3.5087	4.757E-16
180	5.85	INV_SLV	Combination	Max			0.	22.852	1.465E-16	3.5087	5.469E-16
180	6.3375	INV_SLV	Combination	Max			0.	25.045	1.465E-16	3.5087	6.182E-16
180	6.825	INV_SLV	Combination	Max			0.	27.238	1.465E-16	3.5087	6.895E-16
180	7.3125	INV_SLV	Combination	Max			0.	29.431	1.465E-16	3.5087	7.608E-16
180	7.8	INV_SLV	Combination	Max			0.	31.624	1.465E-16	3.5087	8.322E-16
180	0.	INV_SLV	Combination	Min			0.	-32.803	-1.465E-16	2.7652	-7.048E-16
180	0.4875	INV_SLV	Combination	Min			0.	-30.609	-1.465E-16	2.7652	-6.558E-16
180	0.975	INV_SLV	Combination	Min			0.	-28.416	-1.465E-16	2.7652	-6.067E-16
180	1.4625	INV_SLV	Combination	Min			0.	-26.223	-1.465E-16	2.7652	-5.577E-16
180	1.95	INV_SLV	Combination	Min			0.	-24.03	-1.465E-16	2.7652	-5.087E-16
180	2.4375	INV_SLV	Combination	Min			0.	-21.837	-1.465E-16	2.7652	-4.597E-16
180	2.925	INV_SLV	Combination	Min			0.	-19.644	-1.465E-16	2.7652	-4.108E-16
180	3.4125	INV_SLV	Combination	Min			0.	-17.451	-1.465E-16	2.7652	-3.620E-16
180	3.9	INV_SLV	Combination	Min			0.	-15.258	-1.465E-16	2.7652	-3.148E-16
180	4.3875	INV_SLV	Combination	Min			0.	-13.065	-1.465E-16	2.7652	-3.625E-16
180	4.875	INV_SLV	Combination	Min			0.	-10.872	-1.465E-16	2.7652	-4.325E-16
180	5.3625	INV_SLV	Combination	Min			0.	-8.678	-1.465E-16	2.7652	-5.035E-16
180	5.85	INV_SLV	Combination	Min			0.	-6.485	-1.465E-16	2.7652	-5.747E-16
180	6.3375	INV_SLV	Combination	Min			0.	-4.292	-1.465E-16	2.7652	-6.459E-16
180	6.825	INV_SLV	Combination	Min			0.	-2.099	-1.465E-16	2.7652	-7.173E-16
180	7.3125	INV_SLV	Combination	Min			0.	0.094	-1.465E-16	2.7652	-7.886E-16
180	7.8	INV_SLV	Combination	Min			0.	2.287	-1.465E-16	2.7652	-8.600E-16
181	0.	INV_SLU	Combination	Max			0.	-22.92	9.714E-18	-0.7644	2.082E-17
181	0.4875	INV_SLU	Combination	Max			0.	-20.069	9.714E-18	-0.7644	2.115E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
181	0.975	INV_SLU	Combination	Max			0.	-17.218	9.714E-18	-0.7644	2.149E-17
181	1.4625	INV_SLU	Combination	Max			0.	-14.367	9.714E-18	-0.7644	2.183E-17
181	1.95	INV_SLU	Combination	Max			0.	-11.516	9.714E-18	-0.7644	2.217E-17
181	2.4375	INV_SLU	Combination	Max			0.	-8.665	9.714E-18	-0.7644	2.251E-17
181	2.925	INV_SLU	Combination	Max			0.	-5.814	9.714E-18	-0.7644	2.285E-17
181	3.4125	INV_SLU	Combination	Max			0.	-2.963	9.714E-18	-0.7644	2.318E-17
181	3.9	INV_SLU	Combination	Max			0.	-0.112	9.714E-18	-0.7644	2.352E-17
181	4.3875	INV_SLU	Combination	Max			0.	2.739	9.714E-18	-0.7644	2.386E-17
181	4.875	INV_SLU	Combination	Max			0.	5.59	9.714E-18	-0.7644	2.420E-17
181	5.3625	INV_SLU	Combination	Max			0.	8.441	9.714E-18	-0.7644	2.454E-17
181	5.85	INV_SLU	Combination	Max			0.	11.292	9.714E-18	-0.7644	2.748E-17
181	6.3375	INV_SLU	Combination	Max			0.	14.143	9.714E-18	-0.7644	3.289E-17
181	6.825	INV_SLU	Combination	Max			0.	16.994	9.714E-18	-0.7644	3.830E-17
181	7.3125	INV_SLU	Combination	Max			0.	19.845	9.714E-18	-0.7644	4.372E-17
181	7.8	INV_SLU	Combination	Max			0.	22.696	9.714E-18	-0.7644	4.913E-17
181	0.	INV_SLU	Combination	Min			0.	-23.666	-1.110E-17	-1.184	-4.996E-17
181	0.4875	INV_SLU	Combination	Min			0.	-20.815	-1.110E-17	-1.184	-4.759E-17
181	0.975	INV_SLU	Combination	Min			0.	-17.964	-1.110E-17	-1.184	-4.522E-17
181	1.4625	INV_SLU	Combination	Min			0.	-15.113	-1.110E-17	-1.184	-4.286E-17
181	1.95	INV_SLU	Combination	Min			0.	-12.262	-1.110E-17	-1.184	-4.049E-17
181	2.4375	INV_SLU	Combination	Min			0.	-9.411	-1.110E-17	-1.184	-3.812E-17
181	2.925	INV_SLU	Combination	Min			0.	-6.56	-1.110E-17	-1.184	-3.575E-17
181	3.4125	INV_SLU	Combination	Min			0.	-3.709	-1.110E-17	-1.184	-3.338E-17
181	3.9	INV_SLU	Combination	Min			0.	-0.858	-1.110E-17	-1.184	-3.789E-17
181	4.3875	INV_SLU	Combination	Min			0.	1.993	-1.110E-17	-1.184	-4.262E-17
181	4.875	INV_SLU	Combination	Min			0.	4.844	-1.110E-17	-1.184	-4.736E-17
181	5.3625	INV_SLU	Combination	Min			0.	7.695	-1.110E-17	-1.184	-5.209E-17
181	5.85	INV_SLU	Combination	Min			0.	10.546	-1.110E-17	-1.184	-5.683E-17
181	6.3375	INV_SLU	Combination	Min			0.	13.397	-1.110E-17	-1.184	-6.157E-17
181	6.825	INV_SLU	Combination	Min			0.	16.248	-1.110E-17	-1.184	-6.630E-17
181	7.3125	INV_SLU	Combination	Min			0.	19.099	-1.110E-17	-1.184	-7.104E-17
181	7.8	INV_SLU	Combination	Min			0.	21.95	-1.110E-17	-1.184	-7.577E-17
181	0.	INV_SLV	Combination	Max			0.	-5.898	1.465E-16	-0.3609	6.770E-16
181	0.4875	INV_SLV	Combination	Max			0.	-3.705	1.465E-16	-0.3609	6.280E-16
181	0.975	INV_SLV	Combination	Max			0.	-1.512	1.465E-16	-0.3609	5.790E-16
181	1.4625	INV_SLV	Combination	Max			0.	0.682	1.465E-16	-0.3609	5.300E-16
181	1.95	INV_SLV	Combination	Max			0.	2.875	1.465E-16	-0.3609	4.810E-16
181	2.4375	INV_SLV	Combination	Max			0.	5.068	1.465E-16	-0.3609	4.320E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
181	2.925	INV_SLV	Combination	Max			0.	7.261	1.465E-16	-0.3609	3.830E-16
181	3.4125	INV_SLV	Combination	Max			0.	9.454	1.465E-16	-0.3609	3.343E-16
181	3.9	INV_SLV	Combination	Max			0.	11.647	1.465E-16	-0.3609	2.870E-16
181	4.3875	INV_SLV	Combination	Max			0.	13.84	1.465E-16	-0.3609	3.347E-16
181	4.875	INV_SLV	Combination	Max			0.	16.033	1.465E-16	-0.3609	4.047E-16
181	5.3625	INV_SLV	Combination	Max			0.	18.226	1.465E-16	-0.3609	4.757E-16
181	5.85	INV_SLV	Combination	Max			0.	20.419	1.465E-16	-0.3609	5.469E-16
181	6.3375	INV_SLV	Combination	Max			0.	22.613	1.465E-16	-0.3609	6.182E-16
181	6.825	INV_SLV	Combination	Max			0.	24.806	1.465E-16	-0.3609	6.895E-16
181	7.3125	INV_SLV	Combination	Max			0.	26.999	1.465E-16	-0.3609	7.608E-16
181	7.8	INV_SLV	Combination	Max			0.	29.192	1.465E-16	-0.3609	8.322E-16
181	0.	INV_SLV	Combination	Min			0.	-30.578	-1.465E-16	-0.6946	-7.048E-16
181	0.4875	INV_SLV	Combination	Min			0.	-28.385	-1.465E-16	-0.6946	-6.558E-16
181	0.975	INV_SLV	Combination	Min			0.	-26.192	-1.465E-16	-0.6946	-6.067E-16
181	1.4625	INV_SLV	Combination	Min			0.	-23.999	-1.465E-16	-0.6946	-5.577E-16
181	1.95	INV_SLV	Combination	Min			0.	-21.806	-1.465E-16	-0.6946	-5.087E-16
181	2.4375	INV_SLV	Combination	Min			0.	-19.613	-1.465E-16	-0.6946	-4.597E-16
181	2.925	INV_SLV	Combination	Min			0.	-17.419	-1.465E-16	-0.6946	-4.108E-16
181	3.4125	INV_SLV	Combination	Min			0.	-15.226	-1.465E-16	-0.6946	-3.620E-16
181	3.9	INV_SLV	Combination	Min			0.	-13.033	-1.465E-16	-0.6946	-3.148E-16
181	4.3875	INV_SLV	Combination	Min			0.	-10.84	-1.465E-16	-0.6946	-3.625E-16
181	4.875	INV_SLV	Combination	Min			0.	-8.647	-1.465E-16	-0.6946	-4.325E-16
181	5.3625	INV_SLV	Combination	Min			0.	-6.454	-1.465E-16	-0.6946	-5.035E-16
181	5.85	INV_SLV	Combination	Min			0.	-4.261	-1.465E-16	-0.6946	-5.747E-16
181	6.3375	INV_SLV	Combination	Min			0.	-2.068	-1.465E-16	-0.6946	-6.459E-16
181	6.825	INV_SLV	Combination	Min			0.	0.125	-1.465E-16	-0.6946	-7.173E-16
181	7.3125	INV_SLV	Combination	Min			0.	2.318	-1.465E-16	-0.6946	-7.886E-16
181	7.8	INV_SLV	Combination	Min			0.	4.512	-1.465E-16	-0.6946	-8.600E-16
182	0.	INV_SLU	Combination	Max			0.	-23.026	9.714E-18	0.2208	2.082E-17
182	0.4875	INV_SLU	Combination	Max			0.	-20.175	9.714E-18	0.2208	2.115E-17
182	0.975	INV_SLU	Combination	Max			0.	-17.324	9.714E-18	0.2208	2.149E-17
182	1.4625	INV_SLU	Combination	Max			0.	-14.473	9.714E-18	0.2208	2.183E-17
182	1.95	INV_SLU	Combination	Max			0.	-11.622	9.714E-18	0.2208	2.217E-17
182	2.4375	INV_SLU	Combination	Max			0.	-8.771	9.714E-18	0.2208	2.251E-17
182	2.925	INV_SLU	Combination	Max			0.	-5.92	9.714E-18	0.2208	2.285E-17
182	3.4125	INV_SLU	Combination	Max			0.	-3.069	9.714E-18	0.2208	2.318E-17
182	3.9	INV_SLU	Combination	Max			0.	-0.218	9.714E-18	0.2208	2.352E-17
182	4.3875	INV_SLU	Combination	Max			0.	2.633	9.714E-18	0.2208	2.386E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
182	4.875	INV_SLU	Combination	Max			0.	5.484	9.714E-18	0.2208	2.420E-17
182	5.3625	INV_SLU	Combination	Max			0.	8.335	9.714E-18	0.2208	2.454E-17
182	5.85	INV_SLU	Combination	Max			0.	11.186	9.714E-18	0.2208	2.748E-17
182	6.3375	INV_SLU	Combination	Max			0.	14.037	9.714E-18	0.2208	3.289E-17
182	6.825	INV_SLU	Combination	Max			0.	16.888	9.714E-18	0.2208	3.830E-17
182	7.3125	INV_SLU	Combination	Max			0.	19.739	9.714E-18	0.2208	4.372E-17
182	7.8	INV_SLU	Combination	Max			0.	22.59	9.714E-18	0.2208	4.913E-17
182	0.	INV_SLU	Combination	Min			0.	-23.66	-1.110E-17	0.1437	-4.996E-17
182	0.4875	INV_SLU	Combination	Min			0.	-20.809	-1.110E-17	0.1437	-4.759E-17
182	0.975	INV_SLU	Combination	Min			0.	-17.958	-1.110E-17	0.1437	-4.522E-17
182	1.4625	INV_SLU	Combination	Min			0.	-15.107	-1.110E-17	0.1437	-4.286E-17
182	1.95	INV_SLU	Combination	Min			0.	-12.256	-1.110E-17	0.1437	-4.049E-17
182	2.4375	INV_SLU	Combination	Min			0.	-9.405	-1.110E-17	0.1437	-3.812E-17
182	2.925	INV_SLU	Combination	Min			0.	-6.553	-1.110E-17	0.1437	-3.575E-17
182	3.4125	INV_SLU	Combination	Min			0.	-3.702	-1.110E-17	0.1437	-3.338E-17
182	3.9	INV_SLU	Combination	Min			0.	-0.851	-1.110E-17	0.1437	-3.789E-17
182	4.3875	INV_SLU	Combination	Min			0.	2.	-1.110E-17	0.1437	-4.262E-17
182	4.875	INV_SLU	Combination	Min			0.	4.851	-1.110E-17	0.1437	-4.736E-17
182	5.3625	INV_SLU	Combination	Min			0.	7.702	-1.110E-17	0.1437	-5.209E-17
182	5.85	INV_SLU	Combination	Min			0.	10.553	-1.110E-17	0.1437	-5.683E-17
182	6.3375	INV_SLU	Combination	Min			0.	13.404	-1.110E-17	0.1437	-6.157E-17
182	6.825	INV_SLU	Combination	Min			0.	16.255	-1.110E-17	0.1437	-6.630E-17
182	7.3125	INV_SLU	Combination	Min			0.	19.106	-1.110E-17	0.1437	-7.104E-17
182	7.8	INV_SLU	Combination	Min			0.	21.957	-1.110E-17	0.1437	-7.577E-17
182	0.	INV_SLV	Combination	Max			0.	-8.188	1.465E-16	0.3039	6.770E-16
182	0.4875	INV_SLV	Combination	Max			0.	-5.995	1.465E-16	0.3039	6.280E-16
182	0.975	INV_SLV	Combination	Max			0.	-3.802	1.465E-16	0.3039	5.790E-16
182	1.4625	INV_SLV	Combination	Max			0.	-1.609	1.465E-16	0.3039	5.300E-16
182	1.95	INV_SLV	Combination	Max			0.	0.584	1.465E-16	0.3039	4.810E-16
182	2.4375	INV_SLV	Combination	Max			0.	2.777	1.465E-16	0.3039	4.320E-16
182	2.925	INV_SLV	Combination	Max			0.	4.971	1.465E-16	0.3039	3.830E-16
182	3.4125	INV_SLV	Combination	Max			0.	7.164	1.465E-16	0.3039	3.343E-16
182	3.9	INV_SLV	Combination	Max			0.	9.357	1.465E-16	0.3039	2.870E-16
182	4.3875	INV_SLV	Combination	Max			0.	11.55	1.465E-16	0.3039	3.347E-16
182	4.875	INV_SLV	Combination	Max			0.	13.743	1.465E-16	0.3039	4.047E-16
182	5.3625	INV_SLV	Combination	Max			0.	15.936	1.465E-16	0.3039	4.757E-16
182	5.85	INV_SLV	Combination	Max			0.	18.129	1.465E-16	0.3039	5.469E-16
182	6.3375	INV_SLV	Combination	Max			0.	20.322	1.465E-16	0.3039	6.182E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
182	6.825	INV_SLV	Combination	Max			0.	22.515	1.465E-16	0.3039	6.895E-16
182	7.3125	INV_SLV	Combination	Max			0.	24.709	1.465E-16	0.3039	7.608E-16
182	7.8	INV_SLV	Combination	Max			0.	26.902	1.465E-16	0.3039	8.322E-16
182	0.	INV_SLV	Combination	Min			0.	-28.353	-1.465E-16	-0.1029	-7.048E-16
182	0.4875	INV_SLV	Combination	Min			0.	-26.16	-1.465E-16	-0.1029	-6.558E-16
182	0.975	INV_SLV	Combination	Min			0.	-23.966	-1.465E-16	-0.1029	-6.067E-16
182	1.4625	INV_SLV	Combination	Min			0.	-21.773	-1.465E-16	-0.1029	-5.577E-16
182	1.95	INV_SLV	Combination	Min			0.	-19.58	-1.465E-16	-0.1029	-5.087E-16
182	2.4375	INV_SLV	Combination	Min			0.	-17.387	-1.465E-16	-0.1029	-4.597E-16
182	2.925	INV_SLV	Combination	Min			0.	-15.194	-1.465E-16	-0.1029	-4.108E-16
182	3.4125	INV_SLV	Combination	Min			0.	-13.001	-1.465E-16	-0.1029	-3.620E-16
182	3.9	INV_SLV	Combination	Min			0.	-10.808	-1.465E-16	-0.1029	-3.148E-16
182	4.3875	INV_SLV	Combination	Min			0.	-8.615	-1.465E-16	-0.1029	-3.625E-16
182	4.875	INV_SLV	Combination	Min			0.	-6.422	-1.465E-16	-0.1029	-4.325E-16
182	5.3625	INV_SLV	Combination	Min			0.	-4.228	-1.465E-16	-0.1029	-5.035E-16
182	5.85	INV_SLV	Combination	Min			0.	-2.035	-1.465E-16	-0.1029	-5.747E-16
182	6.3375	INV_SLV	Combination	Min			0.	0.158	-1.465E-16	-0.1029	-6.459E-16
182	6.825	INV_SLV	Combination	Min			0.	2.351	-1.465E-16	-0.1029	-7.173E-16
182	7.3125	INV_SLV	Combination	Min			0.	4.544	-1.465E-16	-0.1029	-7.886E-16
182	7.8	INV_SLV	Combination	Min			0.	6.737	-1.465E-16	-0.1029	-8.600E-16
183	0.	INV_SLU	Combination	Max			0.	-22.84	9.714E-18	-0.0425	2.082E-17
183	0.4875	INV_SLU	Combination	Max			0.	-19.989	9.714E-18	-0.0425	2.115E-17
183	0.975	INV_SLU	Combination	Max			0.	-17.138	9.714E-18	-0.0425	2.149E-17
183	1.4625	INV_SLU	Combination	Max			0.	-14.287	9.714E-18	-0.0425	2.183E-17
183	1.95	INV_SLU	Combination	Max			0.	-11.436	9.714E-18	-0.0425	2.217E-17
183	2.4375	INV_SLU	Combination	Max			0.	-8.585	9.714E-18	-0.0425	2.251E-17
183	2.925	INV_SLU	Combination	Max			0.	-5.734	9.714E-18	-0.0425	2.285E-17
183	3.4125	INV_SLU	Combination	Max			0.	-2.883	9.714E-18	-0.0425	2.318E-17
183	3.9	INV_SLU	Combination	Max			0.	-0.032	9.714E-18	-0.0425	2.352E-17
183	4.3875	INV_SLU	Combination	Max			0.	2.819	9.714E-18	-0.0425	2.386E-17
183	4.875	INV_SLU	Combination	Max			0.	5.67	9.714E-18	-0.0425	2.420E-17
183	5.3625	INV_SLU	Combination	Max			0.	8.521	9.714E-18	-0.0425	2.454E-17
183	5.85	INV_SLU	Combination	Max			0.	11.372	9.714E-18	-0.0425	2.748E-17
183	6.3375	INV_SLU	Combination	Max			0.	14.223	9.714E-18	-0.0425	3.289E-17
183	6.825	INV_SLU	Combination	Max			0.	17.074	9.714E-18	-0.0425	3.830E-17
183	7.3125	INV_SLU	Combination	Max			0.	19.925	9.714E-18	-0.0425	4.372E-17
183	7.8	INV_SLU	Combination	Max			0.	22.776	9.714E-18	-0.0425	4.913E-17
183	0.	INV_SLU	Combination	Min			0.	-23.522	-1.110E-17	-0.0677	-4.996E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
183	0.4875	INV_SLU	Combination	Min			0.	-20.67	-1.110E-17	-0.0677	-4.759E-17
183	0.975	INV_SLU	Combination	Min			0.	-17.819	-1.110E-17	-0.0677	-4.522E-17
183	1.4625	INV_SLU	Combination	Min			0.	-14.968	-1.110E-17	-0.0677	-4.286E-17
183	1.95	INV_SLU	Combination	Min			0.	-12.117	-1.110E-17	-0.0677	-4.049E-17
183	2.4375	INV_SLU	Combination	Min			0.	-9.266	-1.110E-17	-0.0677	-3.812E-17
183	2.925	INV_SLU	Combination	Min			0.	-6.415	-1.110E-17	-0.0677	-3.575E-17
183	3.4125	INV_SLU	Combination	Min			0.	-3.564	-1.110E-17	-0.0677	-3.338E-17
183	3.9	INV_SLU	Combination	Min			0.	-0.713	-1.110E-17	-0.0677	-3.789E-17
183	4.3875	INV_SLU	Combination	Min			0.	2.138	-1.110E-17	-0.0677	-4.262E-17
183	4.875	INV_SLU	Combination	Min			0.	4.989	-1.110E-17	-0.0677	-4.736E-17
183	5.3625	INV_SLU	Combination	Min			0.	7.84	-1.110E-17	-0.0677	-5.209E-17
183	5.85	INV_SLU	Combination	Min			0.	10.691	-1.110E-17	-0.0677	-5.683E-17
183	6.3375	INV_SLU	Combination	Min			0.	13.542	-1.110E-17	-0.0677	-6.157E-17
183	6.825	INV_SLU	Combination	Min			0.	16.393	-1.110E-17	-0.0677	-6.630E-17
183	7.3125	INV_SLU	Combination	Min			0.	19.244	-1.110E-17	-0.0677	-7.104E-17
183	7.8	INV_SLU	Combination	Min			0.	22.095	-1.110E-17	-0.0677	-7.577E-17
183	0.	INV_SLV	Combination	Max			0.	-10.248	1.465E-16	0.1491	6.770E-16
183	0.4875	INV_SLV	Combination	Max			0.	-8.055	1.465E-16	0.1491	6.280E-16
183	0.975	INV_SLV	Combination	Max			0.	-5.862	1.465E-16	0.1491	5.790E-16
183	1.4625	INV_SLV	Combination	Max			0.	-3.669	1.465E-16	0.1491	5.300E-16
183	1.95	INV_SLV	Combination	Max			0.	-1.476	1.465E-16	0.1491	4.810E-16
183	2.4375	INV_SLV	Combination	Max			0.	0.718	1.465E-16	0.1491	4.320E-16
183	2.925	INV_SLV	Combination	Max			0.	2.911	1.465E-16	0.1491	3.830E-16
183	3.4125	INV_SLV	Combination	Max			0.	5.104	1.465E-16	0.1491	3.343E-16
183	3.9	INV_SLV	Combination	Max			0.	7.297	1.465E-16	0.1491	2.870E-16
183	4.3875	INV_SLV	Combination	Max			0.	9.49	1.465E-16	0.1491	3.347E-16
183	4.875	INV_SLV	Combination	Max			0.	11.683	1.465E-16	0.1491	4.047E-16
183	5.3625	INV_SLV	Combination	Max			0.	13.876	1.465E-16	0.1491	4.757E-16
183	5.85	INV_SLV	Combination	Max			0.	16.069	1.465E-16	0.1491	5.469E-16
183	6.3375	INV_SLV	Combination	Max			0.	18.262	1.465E-16	0.1491	6.182E-16
183	6.825	INV_SLV	Combination	Max			0.	20.455	1.465E-16	0.1491	6.895E-16
183	7.3125	INV_SLV	Combination	Max			0.	22.649	1.465E-16	0.1491	7.608E-16
183	7.8	INV_SLV	Combination	Max			0.	24.842	1.465E-16	0.1491	8.322E-16
183	0.	INV_SLV	Combination	Min			0.	-26.106	-1.465E-16	-0.2151	-7.048E-16
183	0.4875	INV_SLV	Combination	Min			0.	-23.912	-1.465E-16	-0.2151	-6.558E-16
183	0.975	INV_SLV	Combination	Min			0.	-21.719	-1.465E-16	-0.2151	-6.067E-16
183	1.4625	INV_SLV	Combination	Min			0.	-19.526	-1.465E-16	-0.2151	-5.577E-16
183	1.95	INV_SLV	Combination	Min			0.	-17.333	-1.465E-16	-0.2151	-5.087E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
183	2.4375	INV_SLV	Combination	Min			0.	-15.14	-1.465E-16	-0.2151	-4.597E-16
183	2.925	INV_SLV	Combination	Min			0.	-12.947	-1.465E-16	-0.2151	-4.108E-16
183	3.4125	INV_SLV	Combination	Min			0.	-10.754	-1.465E-16	-0.2151	-3.620E-16
183	3.9	INV_SLV	Combination	Min			0.	-8.561	-1.465E-16	-0.2151	-3.148E-16
183	4.3875	INV_SLV	Combination	Min			0.	-6.368	-1.465E-16	-0.2151	-3.625E-16
183	4.875	INV_SLV	Combination	Min			0.	-4.175	-1.465E-16	-0.2151	-4.325E-16
183	5.3625	INV_SLV	Combination	Min			0.	-1.981	-1.465E-16	-0.2151	-5.035E-16
183	5.85	INV_SLV	Combination	Min			0.	0.212	-1.465E-16	-0.2151	-5.747E-16
183	6.3375	INV_SLV	Combination	Min			0.	2.405	-1.465E-16	-0.2151	-6.459E-16
183	6.825	INV_SLV	Combination	Min			0.	4.598	-1.465E-16	-0.2151	-7.173E-16
183	7.3125	INV_SLV	Combination	Min			0.	6.791	-1.465E-16	-0.2151	-7.886E-16
183	7.8	INV_SLV	Combination	Min			0.	8.984	-1.465E-16	-0.2151	-8.600E-16
184	0.	INV_SLU	Combination	Max			0.	-19.875	9.714E-18	-0.0237	2.082E-17
184	0.4875	INV_SLU	Combination	Max			0.	-17.024	9.714E-18	-0.0237	2.115E-17
184	0.975	INV_SLU	Combination	Max			0.	-14.173	9.714E-18	-0.0237	2.149E-17
184	1.4625	INV_SLU	Combination	Max			0.	-11.322	9.714E-18	-0.0237	2.183E-17
184	1.95	INV_SLU	Combination	Max			0.	-8.471	9.714E-18	-0.0237	2.217E-17
184	2.4375	INV_SLU	Combination	Max			0.	-5.62	9.714E-18	-0.0237	2.251E-17
184	2.925	INV_SLU	Combination	Max			0.	-2.769	9.714E-18	-0.0237	2.285E-17
184	3.4125	INV_SLU	Combination	Max			0.	0.082	9.714E-18	-0.0237	2.318E-17
184	3.9	INV_SLU	Combination	Max			0.	2.933	9.714E-18	-0.0237	2.352E-17
184	4.3875	INV_SLU	Combination	Max			0.	5.784	9.714E-18	-0.0237	2.386E-17
184	4.875	INV_SLU	Combination	Max			0.	8.635	9.714E-18	-0.0237	2.420E-17
184	5.3625	INV_SLU	Combination	Max			0.	11.486	9.714E-18	-0.0237	2.454E-17
184	5.85	INV_SLU	Combination	Max			0.	14.337	9.714E-18	-0.0237	2.748E-17
184	6.3375	INV_SLU	Combination	Max			0.	17.188	9.714E-18	-0.0237	3.289E-17
184	6.825	INV_SLU	Combination	Max			0.	20.039	9.714E-18	-0.0237	3.830E-17
184	7.3125	INV_SLU	Combination	Max			0.	22.89	9.714E-18	-0.0237	4.372E-17
184	7.8	INV_SLU	Combination	Max			0.	25.741	9.714E-18	-0.0237	4.913E-17
184	0.	INV_SLU	Combination	Min			0.	-21.248	-1.110E-17	-0.0383	-4.996E-17
184	0.4875	INV_SLU	Combination	Min			0.	-18.397	-1.110E-17	-0.0383	-4.759E-17
184	0.975	INV_SLU	Combination	Min			0.	-15.546	-1.110E-17	-0.0383	-4.522E-17
184	1.4625	INV_SLU	Combination	Min			0.	-12.695	-1.110E-17	-0.0383	-4.286E-17
184	1.95	INV_SLU	Combination	Min			0.	-9.844	-1.110E-17	-0.0383	-4.049E-17
184	2.4375	INV_SLU	Combination	Min			0.	-6.992	-1.110E-17	-0.0383	-3.812E-17
184	2.925	INV_SLU	Combination	Min			0.	-4.141	-1.110E-17	-0.0383	-3.575E-17
184	3.4125	INV_SLU	Combination	Min			0.	-1.29	-1.110E-17	-0.0383	-3.338E-17
184	3.9	INV_SLU	Combination	Min			0.	1.561	-1.110E-17	-0.0383	-3.789E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
184	4.3875	INV_SLU	Combination	Min			0.	4.412	-1.110E-17	-0.0383	-4.262E-17
184	4.875	INV_SLU	Combination	Min			0.	7.263	-1.110E-17	-0.0383	-4.736E-17
184	5.3625	INV_SLU	Combination	Min			0.	10.114	-1.110E-17	-0.0383	-5.209E-17
184	5.85	INV_SLU	Combination	Min			0.	12.965	-1.110E-17	-0.0383	-5.683E-17
184	6.3375	INV_SLU	Combination	Min			0.	15.816	-1.110E-17	-0.0383	-6.157E-17
184	6.825	INV_SLU	Combination	Min			0.	18.667	-1.110E-17	-0.0383	-6.630E-17
184	7.3125	INV_SLU	Combination	Min			0.	21.518	-1.110E-17	-0.0383	-7.104E-17
184	7.8	INV_SLU	Combination	Min			0.	24.369	-1.110E-17	-0.0383	-7.577E-17
184	0.	INV_SLV	Combination	Max			0.	-11.82	1.465E-16	0.2182	6.770E-16
184	0.4875	INV_SLV	Combination	Max			0.	-9.627	1.465E-16	0.2182	6.280E-16
184	0.975	INV_SLV	Combination	Max			0.	-7.434	1.465E-16	0.2182	5.790E-16
184	1.4625	INV_SLV	Combination	Max			0.	-5.241	1.465E-16	0.2182	5.300E-16
184	1.95	INV_SLV	Combination	Max			0.	-3.048	1.465E-16	0.2182	4.810E-16
184	2.4375	INV_SLV	Combination	Max			0.	-0.855	1.465E-16	0.2182	4.320E-16
184	2.925	INV_SLV	Combination	Max			0.	1.339	1.465E-16	0.2182	3.830E-16
184	3.4125	INV_SLV	Combination	Max			0.	3.532	1.465E-16	0.2182	3.343E-16
184	3.9	INV_SLV	Combination	Max			0.	5.725	1.465E-16	0.2182	2.870E-16
184	4.3875	INV_SLV	Combination	Max			0.	7.918	1.465E-16	0.2182	3.347E-16
184	4.875	INV_SLV	Combination	Max			0.	10.111	1.465E-16	0.2182	4.047E-16
184	5.3625	INV_SLV	Combination	Max			0.	12.304	1.465E-16	0.2182	4.757E-16
184	5.85	INV_SLV	Combination	Max			0.	14.497	1.465E-16	0.2182	5.469E-16
184	6.3375	INV_SLV	Combination	Max			0.	16.69	1.465E-16	0.2182	6.182E-16
184	6.825	INV_SLV	Combination	Max			0.	18.883	1.465E-16	0.2182	6.895E-16
184	7.3125	INV_SLV	Combination	Max			0.	21.076	1.465E-16	0.2182	7.608E-16
184	7.8	INV_SLV	Combination	Max			0.	23.27	1.465E-16	0.2182	8.322E-16
184	0.	INV_SLV	Combination	Min			0.	-21.302	-1.465E-16	-0.2615	-7.048E-16
184	0.4875	INV_SLV	Combination	Min			0.	-19.109	-1.465E-16	-0.2615	-6.558E-16
184	0.975	INV_SLV	Combination	Min			0.	-16.916	-1.465E-16	-0.2615	-6.067E-16
184	1.4625	INV_SLV	Combination	Min			0.	-14.723	-1.465E-16	-0.2615	-5.577E-16
184	1.95	INV_SLV	Combination	Min			0.	-12.53	-1.465E-16	-0.2615	-5.087E-16
184	2.4375	INV_SLV	Combination	Min			0.	-10.337	-1.465E-16	-0.2615	-4.597E-16
184	2.925	INV_SLV	Combination	Min			0.	-8.144	-1.465E-16	-0.2615	-4.108E-16
184	3.4125	INV_SLV	Combination	Min			0.	-5.951	-1.465E-16	-0.2615	-3.620E-16
184	3.9	INV_SLV	Combination	Min			0.	-3.757	-1.465E-16	-0.2615	-3.148E-16
184	4.3875	INV_SLV	Combination	Min			0.	-1.564	-1.465E-16	-0.2615	-3.625E-16
184	4.875	INV_SLV	Combination	Min			0.	0.629	-1.465E-16	-0.2615	-4.325E-16
184	5.3625	INV_SLV	Combination	Min			0.	2.822	-1.465E-16	-0.2615	-5.035E-16
184	5.85	INV_SLV	Combination	Min			0.	5.015	-1.465E-16	-0.2615	-5.747E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
184	6.3375	INV_SLV	Combination	Min			0.	7.208	-1.465E-16	-0.2615	-6.459E-16
184	6.825	INV_SLV	Combination	Min			0.	9.401	-1.465E-16	-0.2615	-7.173E-16
184	7.3125	INV_SLV	Combination	Min			0.	11.594	-1.465E-16	-0.2615	-7.886E-16
184	7.8	INV_SLV	Combination	Min			0.	13.787	-1.465E-16	-0.2615	-8.600E-16
185	0.	INV_SLU	Combination	Max			0.	-19.906	9.714E-18	0.0456	2.082E-17
185	0.4875	INV_SLU	Combination	Max			0.	-17.055	9.714E-18	0.0456	2.115E-17
185	0.975	INV_SLU	Combination	Max			0.	-14.204	9.714E-18	0.0456	2.149E-17
185	1.4625	INV_SLU	Combination	Max			0.	-11.353	9.714E-18	0.0456	2.183E-17
185	1.95	INV_SLU	Combination	Max			0.	-8.502	9.714E-18	0.0456	2.217E-17
185	2.4375	INV_SLU	Combination	Max			0.	-5.651	9.714E-18	0.0456	2.251E-17
185	2.925	INV_SLU	Combination	Max			0.	-2.8	9.714E-18	0.0456	2.285E-17
185	3.4125	INV_SLU	Combination	Max			0.	0.051	9.714E-18	0.0456	2.318E-17
185	3.9	INV_SLU	Combination	Max			0.	2.903	9.714E-18	0.0456	2.352E-17
185	4.3875	INV_SLU	Combination	Max			0.	5.754	9.714E-18	0.0456	2.386E-17
185	4.875	INV_SLU	Combination	Max			0.	8.605	9.714E-18	0.0456	2.420E-17
185	5.3625	INV_SLU	Combination	Max			0.	11.456	9.714E-18	0.0456	2.454E-17
185	5.85	INV_SLU	Combination	Max			0.	14.307	9.714E-18	0.0456	2.748E-17
185	6.3375	INV_SLU	Combination	Max			0.	17.158	9.714E-18	0.0456	3.289E-17
185	6.825	INV_SLU	Combination	Max			0.	20.009	9.714E-18	0.0456	3.830E-17
185	7.3125	INV_SLU	Combination	Max			0.	22.86	9.714E-18	0.0456	4.372E-17
185	7.8	INV_SLU	Combination	Max			0.	25.711	9.714E-18	0.0456	4.913E-17
185	0.	INV_SLU	Combination	Min			0.	-21.269	-1.110E-17	0.0392	-4.996E-17
185	0.4875	INV_SLU	Combination	Min			0.	-18.418	-1.110E-17	0.0392	-4.759E-17
185	0.975	INV_SLU	Combination	Min			0.	-15.567	-1.110E-17	0.0392	-4.522E-17
185	1.4625	INV_SLU	Combination	Min			0.	-12.716	-1.110E-17	0.0392	-4.286E-17
185	1.95	INV_SLU	Combination	Min			0.	-9.865	-1.110E-17	0.0392	-4.049E-17
185	2.4375	INV_SLU	Combination	Min			0.	-7.014	-1.110E-17	0.0392	-3.812E-17
185	2.925	INV_SLU	Combination	Min			0.	-4.163	-1.110E-17	0.0392	-3.575E-17
185	3.4125	INV_SLU	Combination	Min			0.	-1.312	-1.110E-17	0.0392	-3.338E-17
185	3.9	INV_SLU	Combination	Min			0.	1.539	-1.110E-17	0.0392	-3.789E-17
185	4.3875	INV_SLU	Combination	Min			0.	4.39	-1.110E-17	0.0392	-4.262E-17
185	4.875	INV_SLU	Combination	Min			0.	7.241	-1.110E-17	0.0392	-4.736E-17
185	5.3625	INV_SLU	Combination	Min			0.	10.092	-1.110E-17	0.0392	-5.209E-17
185	5.85	INV_SLU	Combination	Min			0.	12.943	-1.110E-17	0.0392	-5.683E-17
185	6.3375	INV_SLU	Combination	Min			0.	15.794	-1.110E-17	0.0392	-6.157E-17
185	6.825	INV_SLU	Combination	Min			0.	18.645	-1.110E-17	0.0392	-6.630E-17
185	7.3125	INV_SLU	Combination	Min			0.	21.496	-1.110E-17	0.0392	-7.104E-17
185	7.8	INV_SLU	Combination	Min			0.	24.347	-1.110E-17	0.0392	-7.577E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
185	0.	INV_SLV	Combination	Max			0.	-12.294	1.465E-16	0.2573	6.770E-16
185	0.4875	INV_SLV	Combination	Max			0.	-10.101	1.465E-16	0.2573	6.280E-16
185	0.975	INV_SLV	Combination	Max			0.	-7.908	1.465E-16	0.2573	5.790E-16
185	1.4625	INV_SLV	Combination	Max			0.	-5.715	1.465E-16	0.2573	5.300E-16
185	1.95	INV_SLV	Combination	Max			0.	-3.522	1.465E-16	0.2573	4.810E-16
185	2.4375	INV_SLV	Combination	Max			0.	-1.329	1.465E-16	0.2573	4.320E-16
185	2.925	INV_SLV	Combination	Max			0.	0.864	1.465E-16	0.2573	3.830E-16
185	3.4125	INV_SLV	Combination	Max			0.	3.057	1.465E-16	0.2573	3.343E-16
185	3.9	INV_SLV	Combination	Max			0.	5.251	1.465E-16	0.2573	2.870E-16
185	4.3875	INV_SLV	Combination	Max			0.	7.444	1.465E-16	0.2573	3.347E-16
185	4.875	INV_SLV	Combination	Max			0.	9.637	1.465E-16	0.2573	4.047E-16
185	5.3625	INV_SLV	Combination	Max			0.	11.83	1.465E-16	0.2573	4.757E-16
185	5.85	INV_SLV	Combination	Max			0.	14.023	1.465E-16	0.2573	5.469E-16
185	6.3375	INV_SLV	Combination	Max			0.	16.216	1.465E-16	0.2573	6.182E-16
185	6.825	INV_SLV	Combination	Max			0.	18.409	1.465E-16	0.2573	6.895E-16
185	7.3125	INV_SLV	Combination	Max			0.	20.602	1.465E-16	0.2573	7.608E-16
185	7.8	INV_SLV	Combination	Max			0.	22.795	1.465E-16	0.2573	8.322E-16
185	0.	INV_SLV	Combination	Min			0.	-20.834	-1.465E-16	-0.1976	-7.048E-16
185	0.4875	INV_SLV	Combination	Min			0.	-18.641	-1.465E-16	-0.1976	-6.558E-16
185	0.975	INV_SLV	Combination	Min			0.	-16.448	-1.465E-16	-0.1976	-6.067E-16
185	1.4625	INV_SLV	Combination	Min			0.	-14.255	-1.465E-16	-0.1976	-5.577E-16
185	1.95	INV_SLV	Combination	Min			0.	-12.061	-1.465E-16	-0.1976	-5.087E-16
185	2.4375	INV_SLV	Combination	Min			0.	-9.868	-1.465E-16	-0.1976	-4.597E-16
185	2.925	INV_SLV	Combination	Min			0.	-7.675	-1.465E-16	-0.1976	-4.108E-16
185	3.4125	INV_SLV	Combination	Min			0.	-5.482	-1.465E-16	-0.1976	-3.620E-16
185	3.9	INV_SLV	Combination	Min			0.	-3.289	-1.465E-16	-0.1976	-3.148E-16
185	4.3875	INV_SLV	Combination	Min			0.	-1.096	-1.465E-16	-0.1976	-3.625E-16
185	4.875	INV_SLV	Combination	Min			0.	1.097	-1.465E-16	-0.1976	-4.325E-16
185	5.3625	INV_SLV	Combination	Min			0.	3.29	-1.465E-16	-0.1976	-5.035E-16
185	5.85	INV_SLV	Combination	Min			0.	5.483	-1.465E-16	-0.1976	-5.747E-16
185	6.3375	INV_SLV	Combination	Min			0.	7.676	-1.465E-16	-0.1976	-6.459E-16
185	6.825	INV_SLV	Combination	Min			0.	9.87	-1.465E-16	-0.1976	-7.173E-16
185	7.3125	INV_SLV	Combination	Min			0.	12.063	-1.465E-16	-0.1976	-7.886E-16
185	7.8	INV_SLV	Combination	Min			0.	14.256	-1.465E-16	-0.1976	-8.600E-16
186	0.	INV_SLU	Combination	Max			0.	-118.659	-1.804E-17	-0.4397	-1.138E-16
186	0.49231	INV_SLU	Combination	Max			0.	-97.924	-1.804E-17	-0.4397	-1.049E-16
186	0.98462	INV_SLU	Combination	Max			0.	-77.188	-1.804E-17	-0.4397	-9.603E-17
186	1.47692	INV_SLU	Combination	Max			0.	-56.453	-1.804E-17	-0.4397	-8.715E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
186	1.96923	INV_SLU	Combination	Max			0.	-35.718	-1.804E-17	-0.4397	-7.827E-17
186	2.46154	INV_SLU	Combination	Max			0.	-14.983	-1.804E-17	-0.4397	-6.939E-17
186	2.95385	INV_SLU	Combination	Max			0.	9.038	-1.804E-17	-0.4397	-5.042E-17
186	3.44615	INV_SLU	Combination	Max			0.	39.853	-1.804E-17	-0.4397	-2.424E-17
186	3.93846	INV_SLU	Combination	Max			0.	70.668	-1.804E-17	-0.4397	1.932E-18
186	4.43077	INV_SLU	Combination	Max			0.	101.483	-1.804E-17	-0.4397	2.811E-17
186	4.92308	INV_SLU	Combination	Max			0.	132.298	-1.804E-17	-0.4397	5.653E-17
186	5.41538	INV_SLU	Combination	Max			0.	163.114	-1.804E-17	-0.4397	8.501E-17
186	5.90769	INV_SLU	Combination	Max			0.	193.929	-1.804E-17	-0.4397	1.135E-16
186	6.4	INV_SLU	Combination	Max			0.	224.744	-1.804E-17	-0.4397	1.420E-16
186	0.	INV_SLU	Combination	Min			0.	-176.079	-5.785E-17	-0.5121	-2.283E-16
186	0.49231	INV_SLU	Combination	Min			0.	-145.264	-5.785E-17	-0.5121	-1.998E-16
186	0.98462	INV_SLU	Combination	Min			0.	-114.448	-5.785E-17	-0.5121	-1.713E-16
186	1.47692	INV_SLU	Combination	Min			0.	-83.633	-5.785E-17	-0.5121	-1.428E-16
186	1.96923	INV_SLU	Combination	Min			0.	-52.818	-5.785E-17	-0.5121	-1.144E-16
186	2.46154	INV_SLU	Combination	Min			0.	-22.003	-5.785E-17	-0.5121	-8.588E-17
186	2.95385	INV_SLU	Combination	Min			0.	5.376	-5.785E-17	-0.5121	-6.345E-17
186	3.44615	INV_SLU	Combination	Min			0.	26.111	-5.785E-17	-0.5121	-5.163E-17
186	3.93846	INV_SLU	Combination	Min			0.	46.846	-5.785E-17	-0.5121	-4.274E-17
186	4.43077	INV_SLU	Combination	Min			0.	67.582	-5.785E-17	-0.5121	-3.386E-17
186	4.92308	INV_SLU	Combination	Min			0.	88.317	-5.785E-17	-0.5121	-2.498E-17
186	5.41538	INV_SLU	Combination	Min			0.	109.052	-5.785E-17	-0.5121	-1.610E-17
186	5.90769	INV_SLU	Combination	Min			0.	129.787	-5.785E-17	-0.5121	-7.216E-18
186	6.4	INV_SLU	Combination	Min			0.	150.522	-5.785E-17	-0.5121	1.665E-18
186	0.	INV_SLV	Combination	Max			0.	-76.65	1.655E-15	0.4211	3.932E-15
186	0.49231	INV_SLV	Combination	Max			0.	-62.532	1.655E-15	0.4211	3.278E-15
186	0.98462	INV_SLV	Combination	Max			0.	-48.413	1.655E-15	0.4211	2.660E-15
186	1.47692	INV_SLV	Combination	Max			0.	-34.294	1.655E-15	0.4211	2.088E-15
186	1.96923	INV_SLV	Combination	Max			0.	-20.176	1.655E-15	0.4211	1.897E-15
186	2.46154	INV_SLV	Combination	Max			0.	-6.057	1.655E-15	0.4211	2.277E-15
186	2.95385	INV_SLV	Combination	Max			0.	8.062	1.655E-15	0.4211	2.726E-15
186	3.44615	INV_SLV	Combination	Max			0.	22.181	1.655E-15	0.4211	3.220E-15
186	3.93846	INV_SLV	Combination	Max			0.	36.299	1.655E-15	0.4211	3.749E-15
186	4.43077	INV_SLV	Combination	Max			0.	50.418	1.655E-15	0.4211	4.359E-15
186	4.92308	INV_SLV	Combination	Max			0.	64.537	1.655E-15	0.4211	5.109E-15
186	5.41538	INV_SLV	Combination	Max			0.	78.656	1.655E-15	0.4211	5.885E-15
186	5.90769	INV_SLV	Combination	Max			0.	92.774	1.655E-15	0.4211	6.678E-15
186	6.4	INV_SLV	Combination	Max			0.	106.893	1.655E-15	0.4211	7.482E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
186	0.	INV_SLV	Combination	Min			0.	-84.84	-1.711E-15	-1.0243	-4.154E-15
186	0.49231	INV_SLV	Combination	Min			0.	-70.721	-1.711E-15	-1.0243	-3.473E-15
186	0.98462	INV_SLV	Combination	Min			0.	-56.602	-1.711E-15	-1.0243	-2.828E-15
186	1.47692	INV_SLV	Combination	Min			0.	-42.483	-1.711E-15	-1.0243	-2.228E-15
186	1.96923	INV_SLV	Combination	Min			0.	-28.365	-1.711E-15	-1.0243	-2.009E-15
186	2.46154	INV_SLV	Combination	Min			0.	-14.246	-1.711E-15	-1.0243	-2.362E-15
186	2.95385	INV_SLV	Combination	Min			0.	-0.127	-1.711E-15	-1.0243	-2.784E-15
186	3.44615	INV_SLV	Combination	Min			0.	13.992	-1.711E-15	-1.0243	-3.250E-15
186	3.93846	INV_SLV	Combination	Min			0.	28.11	-1.711E-15	-1.0243	-3.753E-15
186	4.43077	INV_SLV	Combination	Min			0.	42.229	-1.711E-15	-1.0243	-4.335E-15
186	4.92308	INV_SLV	Combination	Min			0.	56.348	-1.711E-15	-1.0243	-5.058E-15
186	5.41538	INV_SLV	Combination	Min			0.	70.466	-1.711E-15	-1.0243	-5.806E-15
186	5.90769	INV_SLV	Combination	Min			0.	84.585	-1.711E-15	-1.0243	-6.572E-15
186	6.4	INV_SLV	Combination	Min			0.	98.704	-1.711E-15	-1.0243	-7.349E-15
187	0.	INV_SLU	Combination	Max			0.	-137.647	4.025E-17	0.03	7.772E-17
187	0.49231	INV_SLU	Combination	Max			0.	-116.912	4.025E-17	0.03	5.790E-17
187	0.98462	INV_SLU	Combination	Max			0.	-96.177	4.025E-17	0.03	3.809E-17
187	1.47692	INV_SLU	Combination	Max			0.	-75.442	4.025E-17	0.03	1.828E-17
187	1.96923	INV_SLU	Combination	Max			0.	-54.707	4.025E-17	0.03	-1.537E-18
187	2.46154	INV_SLU	Combination	Max			0.	-33.972	4.025E-17	0.03	-2.135E-17
187	2.95385	INV_SLU	Combination	Max			0.	-13.236	4.025E-17	0.03	-4.116E-17
187	3.44615	INV_SLU	Combination	Max			0.	10.878	4.025E-17	0.03	-6.098E-17
187	3.93846	INV_SLU	Combination	Max			0.	41.693	4.025E-17	0.03	-8.079E-17
187	4.43077	INV_SLU	Combination	Max			0.	72.508	4.025E-17	0.03	-9.164E-17
187	4.92308	INV_SLU	Combination	Max			0.	103.323	4.025E-17	0.03	-1.012E-16
187	5.41538	INV_SLU	Combination	Max			0.	134.138	4.025E-17	0.03	-1.108E-16
187	5.90769	INV_SLU	Combination	Max			0.	164.953	4.025E-17	0.03	-1.203E-16
187	6.4	INV_SLU	Combination	Max			0.	195.768	4.025E-17	0.03	-1.299E-16
187	0.	INV_SLU	Combination	Min			0.	-204.959	1.943E-17	0.0079	-5.551E-18
187	0.49231	INV_SLU	Combination	Min			0.	-174.144	1.943E-17	0.0079	-1.512E-17
187	0.98462	INV_SLU	Combination	Min			0.	-143.329	1.943E-17	0.0079	-2.468E-17
187	1.47692	INV_SLU	Combination	Min			0.	-112.514	1.943E-17	0.0079	-3.425E-17
187	1.96923	INV_SLU	Combination	Min			0.	-81.698	1.943E-17	0.0079	-4.381E-17
187	2.46154	INV_SLU	Combination	Min			0.	-50.883	1.943E-17	0.0079	-5.338E-17
187	2.95385	INV_SLU	Combination	Min			0.	-20.068	1.943E-17	0.0079	-6.294E-17
187	3.44615	INV_SLU	Combination	Min			0.	7.281	1.943E-17	0.0079	-7.251E-17
187	3.93846	INV_SLU	Combination	Min			0.	28.016	1.943E-17	0.0079	-8.207E-17
187	4.43077	INV_SLU	Combination	Min			0.	48.752	1.943E-17	0.0079	-1.006E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
187	4.92308	INV_SLU	Combination	Min			0.	69.487	1.943E-17	0.0079	-1.204E-16
187	5.41538	INV_SLU	Combination	Min			0.	90.222	1.943E-17	0.0079	-1.402E-16
187	5.90769	INV_SLU	Combination	Min			0.	110.957	1.943E-17	0.0079	-1.600E-16
187	6.4	INV_SLU	Combination	Min			0.	131.692	1.943E-17	0.0079	-1.799E-16
187	0.	INV_SLV	Combination	Max			0.	-90.955	9.902E-16	0.7489	3.369E-17
187	0.49231	INV_SLV	Combination	Max			0.	-76.836	9.902E-16	0.7489	4.948E-16
187	0.98462	INV_SLV	Combination	Max			0.	-62.718	9.902E-16	0.7489	9.618E-16
187	1.47692	INV_SLV	Combination	Max			0.	-48.599	9.902E-16	0.7489	1.429E-15
187	1.96923	INV_SLV	Combination	Max			0.	-34.48	9.902E-16	0.7489	1.896E-15
187	2.46154	INV_SLV	Combination	Max			0.	-20.362	9.902E-16	0.7489	2.363E-15
187	2.95385	INV_SLV	Combination	Max			0.	-6.243	9.902E-16	0.7489	2.830E-15
187	3.44615	INV_SLV	Combination	Max			0.	7.876	9.902E-16	0.7489	3.297E-15
187	3.93846	INV_SLV	Combination	Max			0.	21.995	9.902E-16	0.7489	3.764E-15
187	4.43077	INV_SLV	Combination	Max			0.	36.113	9.902E-16	0.7489	4.231E-15
187	4.92308	INV_SLV	Combination	Max			0.	50.232	9.902E-16	0.7489	4.698E-15
187	5.41538	INV_SLV	Combination	Max			0.	64.351	9.902E-16	0.7489	5.165E-15
187	5.90769	INV_SLV	Combination	Max			0.	78.47	9.902E-16	0.7489	5.632E-15
187	6.4	INV_SLV	Combination	Max			0.	92.588	9.902E-16	0.7489	6.099E-15
187	0.	INV_SLV	Combination	Min			0.	-96.726	-9.486E-16	-0.7309	2.182E-17
187	0.49231	INV_SLV	Combination	Min			0.	-82.607	-9.486E-16	-0.7309	-4.598E-16
187	0.98462	INV_SLV	Combination	Min			0.	-68.489	-9.486E-16	-0.7309	-9.472E-16
187	1.47692	INV_SLV	Combination	Min			0.	-54.37	-9.486E-16	-0.7309	-1.435E-15
187	1.96923	INV_SLV	Combination	Min			0.	-40.251	-9.486E-16	-0.7309	-1.922E-15
187	2.46154	INV_SLV	Combination	Min			0.	-26.133	-9.486E-16	-0.7309	-2.410E-15
187	2.95385	INV_SLV	Combination	Min			0.	-12.014	-9.486E-16	-0.7309	-2.897E-15
187	3.44615	INV_SLV	Combination	Min			0.	2.105	-9.486E-16	-0.7309	-3.385E-15
187	3.93846	INV_SLV	Combination	Min			0.	16.224	-9.486E-16	-0.7309	-3.872E-15
187	4.43077	INV_SLV	Combination	Min			0.	30.342	-9.486E-16	-0.7309	-4.360E-15
187	4.92308	INV_SLV	Combination	Min			0.	44.461	-9.486E-16	-0.7309	-4.847E-15
187	5.41538	INV_SLV	Combination	Min			0.	58.58	-9.486E-16	-0.7309	-5.335E-15
187	5.90769	INV_SLV	Combination	Min			0.	72.699	-9.486E-16	-0.7309	-5.822E-15
187	6.4	INV_SLV	Combination	Min			0.	86.817	-9.486E-16	-0.7309	-6.310E-15
188	0.	INV_SLU	Combination	Max			0.	-134.47	1.041E-17	0.0274	5.967E-17
188	0.49231	INV_SLU	Combination	Max			0.	-113.735	1.041E-17	0.0274	5.455E-17
188	0.98462	INV_SLU	Combination	Max			0.	-93.	1.041E-17	0.0274	4.943E-17
188	1.47692	INV_SLU	Combination	Max			0.	-72.265	1.041E-17	0.0274	4.430E-17
188	1.96923	INV_SLU	Combination	Max			0.	-51.53	1.041E-17	0.0274	3.918E-17
188	2.46154	INV_SLU	Combination	Max			0.	-30.795	1.041E-17	0.0274	3.405E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
188	2.95385	INV_SLU	Combination	Max			0.	-10.059	1.041E-17	0.0274	2.893E-17
188	3.44615	INV_SLU	Combination	Max			0.	15.884	1.041E-17	0.0274	2.381E-17
188	3.93846	INV_SLU	Combination	Max			0.	46.699	1.041E-17	0.0274	1.868E-17
188	4.43077	INV_SLU	Combination	Max			0.	77.514	1.041E-17	0.0274	1.804E-17
188	4.92308	INV_SLU	Combination	Max			0.	108.329	1.041E-17	0.0274	1.804E-17
188	5.41538	INV_SLU	Combination	Max			0.	139.144	1.041E-17	0.0274	1.804E-17
188	5.90769	INV_SLU	Combination	Max			0.	169.96	1.041E-17	0.0274	1.804E-17
188	6.4	INV_SLU	Combination	Max			0.	200.775	1.041E-17	0.0274	1.804E-17
188	0.	INV_SLU	Combination	Min			0.	-199.877	0.	0.0068	1.804E-17
188	0.49231	INV_SLU	Combination	Min			0.	-169.062	0.	0.0068	1.804E-17
188	0.98462	INV_SLU	Combination	Min			0.	-138.247	0.	0.0068	1.804E-17
188	1.47692	INV_SLU	Combination	Min			0.	-107.432	0.	0.0068	1.804E-17
188	1.96923	INV_SLU	Combination	Min			0.	-76.617	0.	0.0068	1.804E-17
188	2.46154	INV_SLU	Combination	Min			0.	-45.802	0.	0.0068	1.804E-17
188	2.95385	INV_SLU	Combination	Min			0.	-14.986	0.	0.0068	1.804E-17
188	3.44615	INV_SLU	Combination	Min			0.	10.584	0.	0.0068	1.804E-17
188	3.93846	INV_SLU	Combination	Min			0.	31.319	0.	0.0068	1.804E-17
188	4.43077	INV_SLU	Combination	Min			0.	52.054	0.	0.0068	1.356E-17
188	4.92308	INV_SLU	Combination	Min			0.	72.789	0.	0.0068	8.433E-18
188	5.41538	INV_SLU	Combination	Min			0.	93.525	0.	0.0068	3.309E-18
188	5.90769	INV_SLU	Combination	Min			0.	114.26	0.	0.0068	-1.815E-18
188	6.4	INV_SLU	Combination	Min			0.	134.995	0.	0.0068	-6.939E-18
188	0.	INV_SLV	Combination	Max			0.	-88.51	5.685E-16	0.7458	1.602E-15
188	0.49231	INV_SLV	Combination	Max			0.	-74.391	5.685E-16	0.7458	1.521E-15
188	0.98462	INV_SLV	Combination	Max			0.	-60.272	5.685E-16	0.7458	1.488E-15
188	1.47692	INV_SLV	Combination	Max			0.	-46.153	5.685E-16	0.7458	1.484E-15
188	1.96923	INV_SLV	Combination	Max			0.	-32.035	5.685E-16	0.7458	1.588E-15
188	2.46154	INV_SLV	Combination	Max			0.	-17.916	5.685E-16	0.7458	1.758E-15
188	2.95385	INV_SLV	Combination	Max			0.	-3.797	5.685E-16	0.7458	1.933E-15
188	3.44615	INV_SLV	Combination	Max			0.	10.322	5.685E-16	0.7458	2.112E-15
188	3.93846	INV_SLV	Combination	Max			0.	24.44	5.685E-16	0.7458	2.293E-15
188	4.43077	INV_SLV	Combination	Max			0.	38.559	5.685E-16	0.7458	2.533E-15
188	4.92308	INV_SLV	Combination	Max			0.	52.678	5.685E-16	0.7458	2.782E-15
188	5.41538	INV_SLV	Combination	Max			0.	66.796	5.685E-16	0.7458	3.032E-15
188	5.90769	INV_SLV	Combination	Max			0.	80.915	5.685E-16	0.7458	3.283E-15
188	6.4	INV_SLV	Combination	Max			0.	95.034	5.685E-16	0.7458	3.535E-15
188	0.	INV_SLV	Combination	Min			0.	-94.666	-5.685E-16	-0.7304	-1.574E-15
188	0.49231	INV_SLV	Combination	Min			0.	-80.547	-5.685E-16	-0.7304	-1.494E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
188	0.98462	INV_SLV	Combination	Min			0.	-66.429	-5.685E-16	-0.7304	-1.460E-15
188	1.47692	INV_SLV	Combination	Min			0.	-52.31	-5.685E-16	-0.7304	-1.456E-15
188	1.96923	INV_SLV	Combination	Min			0.	-38.191	-5.685E-16	-0.7304	-1.561E-15
188	2.46154	INV_SLV	Combination	Min			0.	-24.072	-5.685E-16	-0.7304	-1.731E-15
188	2.95385	INV_SLV	Combination	Min			0.	-9.954	-5.685E-16	-0.7304	-1.906E-15
188	3.44615	INV_SLV	Combination	Min			0.	4.165	-5.685E-16	-0.7304	-2.084E-15
188	3.93846	INV_SLV	Combination	Min			0.	18.284	-5.685E-16	-0.7304	-2.265E-15
188	4.43077	INV_SLV	Combination	Min			0.	32.403	-5.685E-16	-0.7304	-2.505E-15
188	4.92308	INV_SLV	Combination	Min			0.	46.521	-5.685E-16	-0.7304	-2.754E-15
188	5.41538	INV_SLV	Combination	Min			0.	60.64	-5.685E-16	-0.7304	-3.005E-15
188	5.90769	INV_SLV	Combination	Min			0.	74.759	-5.685E-16	-0.7304	-3.255E-15
188	6.4	INV_SLV	Combination	Min			0.	88.877	-5.685E-16	-0.7304	-3.507E-15
189	0.	INV_SLU	Combination	Max			0.	-135.051	1.952E-17	-0.1168	5.204E-18
189	0.49231	INV_SLU	Combination	Max			0.	-114.316	1.952E-17	-0.1168	-1.617E-18
189	0.98462	INV_SLU	Combination	Max			0.	-93.581	1.952E-17	-0.1168	-6.357E-18
189	1.47692	INV_SLU	Combination	Max			0.	-72.846	1.952E-17	-0.1168	-1.110E-17
189	1.96923	INV_SLU	Combination	Max			0.	-52.11	1.952E-17	-0.1168	-1.584E-17
189	2.46154	INV_SLU	Combination	Max			0.	-31.375	1.952E-17	-0.1168	-2.058E-17
189	2.95385	INV_SLU	Combination	Max			0.	-10.64	1.952E-17	-0.1168	-2.532E-17
189	3.44615	INV_SLU	Combination	Max			0.	14.956	1.952E-17	-0.1168	-3.006E-17
189	3.93846	INV_SLU	Combination	Max			0.	45.771	1.952E-17	-0.1168	-3.480E-17
189	4.43077	INV_SLU	Combination	Max			0.	76.586	1.952E-17	-0.1168	-3.954E-17
189	4.92308	INV_SLU	Combination	Max			0.	107.401	1.952E-17	-0.1168	-3.971E-17
189	5.41538	INV_SLU	Combination	Max			0.	138.216	1.952E-17	-0.1168	-3.869E-17
189	5.90769	INV_SLU	Combination	Max			0.	169.032	1.952E-17	-0.1168	-3.766E-17
189	6.4	INV_SLU	Combination	Max			0.	199.847	1.952E-17	-0.1168	-3.664E-17
189	0.	INV_SLU	Combination	Min			0.	-200.821	-2.082E-18	-0.1921	-8.327E-17
189	0.49231	INV_SLU	Combination	Min			0.	-170.005	-2.082E-18	-0.1921	-8.327E-17
189	0.98462	INV_SLU	Combination	Min			0.	-139.19	-2.082E-18	-0.1921	-8.327E-17
189	1.47692	INV_SLU	Combination	Min			0.	-108.375	-2.082E-18	-0.1921	-8.327E-17
189	1.96923	INV_SLU	Combination	Min			0.	-77.56	-2.082E-18	-0.1921	-8.327E-17
189	2.46154	INV_SLU	Combination	Min			0.	-46.745	-2.082E-18	-0.1921	-8.327E-17
189	2.95385	INV_SLU	Combination	Min			0.	-15.93	-2.082E-18	-0.1921	-8.327E-17
189	3.44615	INV_SLU	Combination	Min			0.	9.978	-2.082E-18	-0.1921	-8.327E-17
189	3.93846	INV_SLU	Combination	Min			0.	30.713	-2.082E-18	-0.1921	-8.327E-17
189	4.43077	INV_SLU	Combination	Min			0.	51.448	-2.082E-18	-0.1921	-8.327E-17
189	4.92308	INV_SLU	Combination	Min			0.	72.183	-2.082E-18	-0.1921	-9.087E-17
189	5.41538	INV_SLU	Combination	Min			0.	92.918	-2.082E-18	-0.1921	-1.005E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
189	5.90769	INV_SLU	Combination	Min			0.	113.653	-2.082E-18	-0.1921	-1.101E-16
189	6.4	INV_SLU	Combination	Min			0.	134.389	-2.082E-18	-0.1921	-1.197E-16
189	0.	INV_SLV	Combination	Max			0.	-88.955	3.883E-16	0.6143	4.459E-16
189	0.49231	INV_SLV	Combination	Max			0.	-74.836	3.883E-16	0.6143	5.820E-16
189	0.98462	INV_SLV	Combination	Max			0.	-60.717	3.883E-16	0.6143	7.201E-16
189	1.47692	INV_SLV	Combination	Max			0.	-46.599	3.883E-16	0.6143	8.582E-16
189	1.96923	INV_SLV	Combination	Max			0.	-32.48	3.883E-16	0.6143	9.964E-16
189	2.46154	INV_SLV	Combination	Max			0.	-18.361	3.883E-16	0.6143	1.135E-15
189	2.95385	INV_SLV	Combination	Max			0.	-4.242	3.883E-16	0.6143	1.273E-15
189	3.44615	INV_SLV	Combination	Max			0.	9.876	3.883E-16	0.6143	1.411E-15
189	3.93846	INV_SLV	Combination	Max			0.	23.995	3.883E-16	0.6143	1.552E-15
189	4.43077	INV_SLV	Combination	Max			0.	38.114	3.883E-16	0.6143	1.730E-15
189	4.92308	INV_SLV	Combination	Max			0.	52.233	3.883E-16	0.6143	1.907E-15
189	5.41538	INV_SLV	Combination	Max			0.	66.351	3.883E-16	0.6143	2.085E-15
189	5.90769	INV_SLV	Combination	Max			0.	80.47	3.883E-16	0.6143	2.262E-15
189	6.4	INV_SLV	Combination	Max			0.	94.589	3.883E-16	0.6143	2.440E-15
189	0.	INV_SLV	Combination	Min			0.	-95.051	-3.606E-16	-0.8131	-4.459E-16
189	0.49231	INV_SLV	Combination	Min			0.	-80.932	-3.606E-16	-0.8131	-5.957E-16
189	0.98462	INV_SLV	Combination	Min			0.	-66.813	-3.606E-16	-0.8131	-7.474E-16
189	1.47692	INV_SLV	Combination	Min			0.	-52.694	-3.606E-16	-0.8131	-8.992E-16
189	1.96923	INV_SLV	Combination	Min			0.	-38.576	-3.606E-16	-0.8131	-1.051E-15
189	2.46154	INV_SLV	Combination	Min			0.	-24.457	-3.606E-16	-0.8131	-1.203E-15
189	2.95385	INV_SLV	Combination	Min			0.	-10.338	-3.606E-16	-0.8131	-1.355E-15
189	3.44615	INV_SLV	Combination	Min			0.	3.781	-3.606E-16	-0.8131	-1.506E-15
189	3.93846	INV_SLV	Combination	Min			0.	17.899	-3.606E-16	-0.8131	-1.662E-15
189	4.43077	INV_SLV	Combination	Min			0.	32.018	-3.606E-16	-0.8131	-1.853E-15
189	4.92308	INV_SLV	Combination	Min			0.	46.137	-3.606E-16	-0.8131	-2.044E-15
189	5.41538	INV_SLV	Combination	Min			0.	60.255	-3.606E-16	-0.8131	-2.235E-15
189	5.90769	INV_SLV	Combination	Min			0.	74.374	-3.606E-16	-0.8131	-2.426E-15
189	6.4	INV_SLV	Combination	Min			0.	88.493	-3.606E-16	-0.8131	-2.618E-15
190	0.	INV_SLU	Combination	Max			0.	-134.941	8.214E-17	0.0458	-3.868E-17
190	0.49231	INV_SLU	Combination	Max			0.	-114.205	8.214E-17	0.0458	-5.927E-17
190	0.98462	INV_SLU	Combination	Max			0.	-93.47	8.214E-17	0.0458	-7.985E-17
190	1.47692	INV_SLU	Combination	Max			0.	-72.735	8.214E-17	0.0458	-1.004E-16
190	1.96923	INV_SLU	Combination	Max			0.	-52.	8.214E-17	0.0458	-1.210E-16
190	2.46154	INV_SLU	Combination	Max			0.	-31.265	8.214E-17	0.0458	-1.416E-16
190	2.95385	INV_SLU	Combination	Max			0.	-10.53	8.214E-17	0.0458	-1.622E-16
190	3.44615	INV_SLU	Combination	Max			0.	15.13	8.214E-17	0.0458	-1.828E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
190	3.93846	INV_SLU	Combination	Max			0.	45.945	8.214E-17	0.0458	-2.033E-16
190	4.43077	INV_SLU	Combination	Max			0.	76.76	8.214E-17	0.0458	-2.237E-16
190	4.92308	INV_SLU	Combination	Max			0.	107.576	8.214E-17	0.0458	-2.440E-16
190	5.41538	INV_SLU	Combination	Max			0.	138.391	8.214E-17	0.0458	-2.643E-16
190	5.90769	INV_SLU	Combination	Max			0.	169.206	8.214E-17	0.0458	-2.847E-16
190	6.4	INV_SLU	Combination	Max			0.	200.021	8.214E-17	0.0458	-3.050E-16
190	0.	INV_SLU	Combination	Min			0.	-200.643	4.129E-17	0.0236	-4.389E-17
190	0.49231	INV_SLU	Combination	Min			0.	-169.828	4.129E-17	0.0236	-8.433E-17
190	0.98462	INV_SLU	Combination	Min			0.	-139.013	4.129E-17	0.0236	-1.248E-16
190	1.47692	INV_SLU	Combination	Min			0.	-108.197	4.129E-17	0.0236	-1.652E-16
190	1.96923	INV_SLU	Combination	Min			0.	-77.382	4.129E-17	0.0236	-2.056E-16
190	2.46154	INV_SLU	Combination	Min			0.	-46.567	4.129E-17	0.0236	-2.461E-16
190	2.95385	INV_SLU	Combination	Min			0.	-15.752	4.129E-17	0.0236	-2.865E-16
190	3.44615	INV_SLU	Combination	Min			0.	10.094	4.129E-17	0.0236	-3.270E-16
190	3.93846	INV_SLU	Combination	Min			0.	30.829	4.129E-17	0.0236	-3.674E-16
190	4.43077	INV_SLU	Combination	Min			0.	51.564	4.129E-17	0.0236	-4.078E-16
190	4.92308	INV_SLU	Combination	Min			0.	72.299	4.129E-17	0.0236	-4.483E-16
190	5.41538	INV_SLU	Combination	Min			0.	93.034	4.129E-17	0.0236	-4.887E-16
190	5.90769	INV_SLU	Combination	Min			0.	113.77	4.129E-17	0.0236	-5.291E-16
190	6.4	INV_SLU	Combination	Min			0.	134.505	4.129E-17	0.0236	-5.696E-16
190	0.	INV_SLV	Combination	Max			0.	-88.862	1.771E-16	0.8035	1.682E-15
190	0.49231	INV_SLV	Combination	Max			0.	-74.744	1.771E-16	0.8035	1.614E-15
190	0.98462	INV_SLV	Combination	Max			0.	-60.625	1.771E-16	0.8035	1.546E-15
190	1.47692	INV_SLV	Combination	Max			0.	-46.506	1.771E-16	0.8035	1.478E-15
190	1.96923	INV_SLV	Combination	Max			0.	-32.387	1.771E-16	0.8035	1.460E-15
190	2.46154	INV_SLV	Combination	Max			0.	-18.269	1.771E-16	0.8035	1.488E-15
190	2.95385	INV_SLV	Combination	Max			0.	-4.15	1.771E-16	0.8035	1.517E-15
190	3.44615	INV_SLV	Combination	Max			0.	9.969	1.771E-16	0.8035	1.546E-15
190	3.93846	INV_SLV	Combination	Max			0.	24.087	1.771E-16	0.8035	1.582E-15
190	4.43077	INV_SLV	Combination	Max			0.	38.206	1.771E-16	0.8035	1.621E-15
190	4.92308	INV_SLV	Combination	Max			0.	52.325	1.771E-16	0.8035	1.660E-15
190	5.41538	INV_SLV	Combination	Max			0.	66.444	1.771E-16	0.8035	1.699E-15
190	5.90769	INV_SLV	Combination	Max			0.	80.562	1.771E-16	0.8035	1.739E-15
190	6.4	INV_SLV	Combination	Max			0.	94.681	1.771E-16	0.8035	1.779E-15
190	0.	INV_SLV	Combination	Min			0.	-94.983	-1.234E-16	-0.7647	-1.741E-15
190	0.49231	INV_SLV	Combination	Min			0.	-80.864	-1.234E-16	-0.7647	-1.699E-15
190	0.98462	INV_SLV	Combination	Min			0.	-66.745	-1.234E-16	-0.7647	-1.658E-15
190	1.47692	INV_SLV	Combination	Min			0.	-52.627	-1.234E-16	-0.7647	-1.616E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
190	1.96923	INV_SLV	Combination	Min			0.	-38.508	-1.234E-16	-0.7647	-1.625E-15
190	2.46154	INV_SLV	Combination	Min			0.	-24.389	-1.234E-16	-0.7647	-1.679E-15
190	2.95385	INV_SLV	Combination	Min			0.	-10.27	-1.234E-16	-0.7647	-1.734E-15
190	3.44615	INV_SLV	Combination	Min			0.	3.848	-1.234E-16	-0.7647	-1.790E-15
190	3.93846	INV_SLV	Combination	Min			0.	17.967	-1.234E-16	-0.7647	-1.853E-15
190	4.43077	INV_SLV	Combination	Min			0.	32.086	-1.234E-16	-0.7647	-1.918E-15
190	4.92308	INV_SLV	Combination	Min			0.	46.205	-1.234E-16	-0.7647	-1.984E-15
190	5.41538	INV_SLV	Combination	Min			0.	60.323	-1.234E-16	-0.7647	-2.050E-15
190	5.90769	INV_SLV	Combination	Min			0.	74.442	-1.234E-16	-0.7647	-2.116E-15
190	6.4	INV_SLV	Combination	Min			0.	88.561	-1.234E-16	-0.7647	-2.182E-15
191	0.	INV_SLU	Combination	Max			-312.641	19.091	-0.71	-0.0242	-1.2332
191	1.75	INV_SLU	Combination	Max			-302.407	14.315	-0.71	-0.0242	0.0518
191	3.5	INV_SLU	Combination	Max			-292.172	13.418	-0.71	-0.0242	2.5397
191	0.	INV_SLU	Combination	Min			-444.71	12.347	-1.422	-0.0589	-2.4362
191	1.75	INV_SLU	Combination	Min			-434.476	12.347	-1.422	-0.0589	0.0097
191	3.5	INV_SLU	Combination	Min			-424.241	8.591	-1.422	-0.0589	1.2526
191	0.	INV_SLV	Combination	Max			-208.523	24.787	10.273	1.118	17.4253
191	1.75	INV_SLV	Combination	Max			-200.651	24.787	10.273	1.118	0.5917
191	3.5	INV_SLV	Combination	Max			-192.778	24.787	10.273	1.118	20.7606
191	0.	INV_SLV	Combination	Min			-224.638	-5.933	-11.528	-1.1625	-19.5894
191	1.75	INV_SLV	Combination	Min			-216.765	-5.933	-11.528	-1.1625	-0.5594
191	3.5	INV_SLV	Combination	Min			-208.893	-5.933	-11.528	-1.1625	-18.532
192	0.	INV_SLU	Combination	Max			-310.394	19.306	-0.047	-0.0242	-0.1071
192	1.75	INV_SLU	Combination	Max			-300.16	14.509	-0.047	-0.0242	0.0187
192	3.5	INV_SLU	Combination	Max			-289.925	13.546	-0.047	-0.0242	0.8176
192	0.	INV_SLU	Combination	Min			-441.408	12.452	-0.475	-0.0589	-0.8664
192	1.75	INV_SLU	Combination	Min			-431.174	12.452	-0.475	-0.0589	-0.0615
192	3.5	INV_SLU	Combination	Min			-420.939	8.806	-0.475	-0.0589	0.0573
192	0.	INV_SLV	Combination	Max			-205.409	28.593	10.606	1.118	17.998
192	1.75	INV_SLV	Combination	Max			-197.536	28.593	10.606	1.118	0.5732
192	3.5	INV_SLV	Combination	Max			-189.663	28.593	10.606	1.118	19.7822
192	0.	INV_SLV	Combination	Min			-224.866	-9.566	-10.98	-1.1625	-18.6492
192	1.75	INV_SLV	Combination	Min			-216.994	-9.566	-10.98	-1.1625	-0.5688
192	3.5	INV_SLV	Combination	Min			-209.121	-9.566	-10.98	-1.1625	-19.1222
193	0.	INV_SLU	Combination	Max			-324.858	19.422	-4.394	-0.0242	-7.6847
193	1.75	INV_SLU	Combination	Max			-314.624	14.62	-4.394	-0.0242	0.2105
193	3.5	INV_SLU	Combination	Max			-304.389	13.59	-4.394	-0.0242	11.7955
193	0.	INV_SLU	Combination	Min			-462.656	12.454	-6.632	-0.0589	-11.4162

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
193	1.75	INV_SLU	Combination	Min			-452.422	12.454	-6.632	-0.0589	-0.0296
193	3.5	INV_SLU	Combination	Min			-442.187	8.922	-6.632	-0.0589	7.6948
193	0.	INV_SLV	Combination	Max			-211.984	32.886	8.33	1.118	14.005
193	1.75	INV_SLV	Combination	Max			-204.112	32.886	8.33	1.118	0.5314
193	3.5	INV_SLV	Combination	Max			-196.239	32.886	8.33	1.118	25.8909
193	0.	INV_SLV	Combination	Min			-237.266	-13.844	-14.493	-1.1625	-24.8365
193	1.75	INV_SLV	Combination	Min			-229.393	-13.844	-14.493	-1.1625	-0.5774
193	3.5	INV_SLV	Combination	Min			-221.521	-13.844	-14.493	-1.1625	-15.1513
194	0.	INV_SLU	Combination	Max			-167.571	18.035	40.93	-0.0242	67.0444
194	1.75	INV_SLU	Combination	Max			-157.336	14.885	37.122	-0.0242	0.8951
194	3.5	INV_SLU	Combination	Max			-147.102	13.529	36.701	-0.0242	-42.0688
194	0.	INV_SLU	Combination	Min			-236.556	10.117	25.772	-0.0589	45.9964
194	1.75	INV_SLU	Combination	Min			-226.321	10.117	25.772	-0.0589	-1.2953
194	3.5	INV_SLU	Combination	Min			-216.087	7.128	20.125	-0.0589	-64.1635
194	0.	INV_SLV	Combination	Max			-75.124	48.054	26.025	1.118	45.226
194	1.75	INV_SLV	Combination	Max			-67.251	48.054	26.025	1.118	1.4434
194	3.5	INV_SLV	Combination	Max			-59.379	48.054	26.025	1.118	-14.6595
194	0.	INV_SLV	Combination	Min			-158.006	-33.56	9.193	-1.1625	17.5146
194	1.75	INV_SLV	Combination	Min			-150.133	-33.56	9.193	-1.1625	-0.334
194	3.5	INV_SLV	Combination	Min			-142.261	-33.56	9.193	-1.1625	-45.8623
195	0.	INV_SLU	Combination	Max			0.	-22.477	9.714E-18	0.0286	2.082E-17
195	0.4875	INV_SLU	Combination	Max			0.	-19.626	9.714E-18	0.0286	2.115E-17
195	0.975	INV_SLU	Combination	Max			0.	-16.775	9.714E-18	0.0286	2.149E-17
195	1.4625	INV_SLU	Combination	Max			0.	-13.924	9.714E-18	0.0286	2.183E-17
195	1.95	INV_SLU	Combination	Max			0.	-11.073	9.714E-18	0.0286	2.217E-17
195	2.4375	INV_SLU	Combination	Max			0.	-8.222	9.714E-18	0.0286	2.251E-17
195	2.925	INV_SLU	Combination	Max			0.	-5.371	9.714E-18	0.0286	2.285E-17
195	3.4125	INV_SLU	Combination	Max			0.	-2.519	9.714E-18	0.0286	2.318E-17
195	3.9	INV_SLU	Combination	Max			0.	0.332	9.714E-18	0.0286	2.352E-17
195	4.3875	INV_SLU	Combination	Max			0.	3.183	9.714E-18	0.0286	2.386E-17
195	4.875	INV_SLU	Combination	Max			0.	6.034	9.714E-18	0.0286	2.420E-17
195	5.3625	INV_SLU	Combination	Max			0.	8.885	9.714E-18	0.0286	2.454E-17
195	5.85	INV_SLU	Combination	Max			0.	11.736	9.714E-18	0.0286	2.748E-17
195	6.3375	INV_SLU	Combination	Max			0.	14.587	9.714E-18	0.0286	3.289E-17
195	6.825	INV_SLU	Combination	Max			0.	17.438	9.714E-18	0.0286	3.830E-17
195	7.3125	INV_SLU	Combination	Max			0.	20.289	9.714E-18	0.0286	4.372E-17
195	7.8	INV_SLU	Combination	Max			0.	23.14	9.714E-18	0.0286	4.913E-17
195	0.	INV_SLU	Combination	Min			0.	-23.34	-1.110E-17	0.0196	-4.996E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
195	0.4875	INV_SLU	Combination	Min			0.	-20.489	-1.110E-17	0.0196	-4.759E-17
195	0.975	INV_SLU	Combination	Min			0.	-17.638	-1.110E-17	0.0196	-4.522E-17
195	1.4625	INV_SLU	Combination	Min			0.	-14.787	-1.110E-17	0.0196	-4.286E-17
195	1.95	INV_SLU	Combination	Min			0.	-11.936	-1.110E-17	0.0196	-4.049E-17
195	2.4375	INV_SLU	Combination	Min			0.	-9.085	-1.110E-17	0.0196	-3.812E-17
195	2.925	INV_SLU	Combination	Min			0.	-6.234	-1.110E-17	0.0196	-3.575E-17
195	3.4125	INV_SLU	Combination	Min			0.	-3.383	-1.110E-17	0.0196	-3.338E-17
195	3.9	INV_SLU	Combination	Min			0.	-0.532	-1.110E-17	0.0196	-3.789E-17
195	4.3875	INV_SLU	Combination	Min			0.	2.319	-1.110E-17	0.0196	-4.262E-17
195	4.875	INV_SLU	Combination	Min			0.	5.17	-1.110E-17	0.0196	-4.736E-17
195	5.3625	INV_SLU	Combination	Min			0.	8.021	-1.110E-17	0.0196	-5.209E-17
195	5.85	INV_SLU	Combination	Min			0.	10.872	-1.110E-17	0.0196	-5.683E-17
195	6.3375	INV_SLU	Combination	Min			0.	13.724	-1.110E-17	0.0196	-6.157E-17
195	6.825	INV_SLU	Combination	Min			0.	16.575	-1.110E-17	0.0196	-6.630E-17
195	7.3125	INV_SLU	Combination	Min			0.	19.426	-1.110E-17	0.0196	-7.104E-17
195	7.8	INV_SLU	Combination	Min			0.	22.277	-1.110E-17	0.0196	-7.577E-17
195	0.	INV_SLV	Combination	Max			0.	-10.719	1.465E-16	0.2066	6.770E-16
195	0.4875	INV_SLV	Combination	Max			0.	-8.526	1.465E-16	0.2066	6.280E-16
195	0.975	INV_SLV	Combination	Max			0.	-6.333	1.465E-16	0.2066	5.790E-16
195	1.4625	INV_SLV	Combination	Max			0.	-4.14	1.465E-16	0.2066	5.300E-16
195	1.95	INV_SLV	Combination	Max			0.	-1.947	1.465E-16	0.2066	4.810E-16
195	2.4375	INV_SLV	Combination	Max			0.	0.246	1.465E-16	0.2066	4.320E-16
195	2.925	INV_SLV	Combination	Max			0.	2.439	1.465E-16	0.2066	3.830E-16
195	3.4125	INV_SLV	Combination	Max			0.	4.632	1.465E-16	0.2066	3.343E-16
195	3.9	INV_SLV	Combination	Max			0.	6.825	1.465E-16	0.2066	2.870E-16
195	4.3875	INV_SLV	Combination	Max			0.	9.018	1.465E-16	0.2066	3.347E-16
195	4.875	INV_SLV	Combination	Max			0.	11.212	1.465E-16	0.2066	4.047E-16
195	5.3625	INV_SLV	Combination	Max			0.	13.405	1.465E-16	0.2066	4.757E-16
195	5.85	INV_SLV	Combination	Max			0.	15.598	1.465E-16	0.2066	5.469E-16
195	6.3375	INV_SLV	Combination	Max			0.	17.791	1.465E-16	0.2066	6.182E-16
195	6.825	INV_SLV	Combination	Max			0.	19.984	1.465E-16	0.2066	6.895E-16
195	7.3125	INV_SLV	Combination	Max			0.	22.177	1.465E-16	0.2066	7.608E-16
195	7.8	INV_SLV	Combination	Max			0.	24.37	1.465E-16	0.2066	8.322E-16
195	0.	INV_SLV	Combination	Min			0.	-25.313	-1.465E-16	-0.1749	-7.048E-16
195	0.4875	INV_SLV	Combination	Min			0.	-23.12	-1.465E-16	-0.1749	-6.558E-16
195	0.975	INV_SLV	Combination	Min			0.	-20.927	-1.465E-16	-0.1749	-6.067E-16
195	1.4625	INV_SLV	Combination	Min			0.	-18.734	-1.465E-16	-0.1749	-5.577E-16
195	1.95	INV_SLV	Combination	Min			0.	-16.541	-1.465E-16	-0.1749	-5.087E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
195	2.4375	INV_SLV	Combination	Min			0.	-14.348	-1.465E-16	-0.1749	-4.597E-16
195	2.925	INV_SLV	Combination	Min			0.	-12.155	-1.465E-16	-0.1749	-4.108E-16
195	3.4125	INV_SLV	Combination	Min			0.	-9.962	-1.465E-16	-0.1749	-3.620E-16
195	3.9	INV_SLV	Combination	Min			0.	-7.768	-1.465E-16	-0.1749	-3.148E-16
195	4.3875	INV_SLV	Combination	Min			0.	-5.575	-1.465E-16	-0.1749	-3.625E-16
195	4.875	INV_SLV	Combination	Min			0.	-3.382	-1.465E-16	-0.1749	-4.325E-16
195	5.3625	INV_SLV	Combination	Min			0.	-1.189	-1.465E-16	-0.1749	-5.035E-16
195	5.85	INV_SLV	Combination	Min			0.	1.004	-1.465E-16	-0.1749	-5.747E-16
195	6.3375	INV_SLV	Combination	Min			0.	3.197	-1.465E-16	-0.1749	-6.459E-16
195	6.825	INV_SLV	Combination	Min			0.	5.39	-1.465E-16	-0.1749	-7.173E-16
195	7.3125	INV_SLV	Combination	Min			0.	7.583	-1.465E-16	-0.1749	-7.886E-16
195	7.8	INV_SLV	Combination	Min			0.	9.776	-1.465E-16	-0.1749	-8.600E-16
196	0.	INV_SLU	Combination	Max			0.	-22.382	9.714E-18	0.1094	2.082E-17
196	0.4875	INV_SLU	Combination	Max			0.	-19.531	9.714E-18	0.1094	2.115E-17
196	0.975	INV_SLU	Combination	Max			0.	-16.68	9.714E-18	0.1094	2.149E-17
196	1.4625	INV_SLU	Combination	Max			0.	-13.829	9.714E-18	0.1094	2.183E-17
196	1.95	INV_SLU	Combination	Max			0.	-10.978	9.714E-18	0.1094	2.217E-17
196	2.4375	INV_SLU	Combination	Max			0.	-8.127	9.714E-18	0.1094	2.251E-17
196	2.925	INV_SLU	Combination	Max			0.	-5.275	9.714E-18	0.1094	2.285E-17
196	3.4125	INV_SLU	Combination	Max			0.	-2.424	9.714E-18	0.1094	2.318E-17
196	3.9	INV_SLU	Combination	Max			0.	0.427	9.714E-18	0.1094	2.352E-17
196	4.3875	INV_SLU	Combination	Max			0.	3.278	9.714E-18	0.1094	2.386E-17
196	4.875	INV_SLU	Combination	Max			0.	6.129	9.714E-18	0.1094	2.420E-17
196	5.3625	INV_SLU	Combination	Max			0.	8.98	9.714E-18	0.1094	2.454E-17
196	5.85	INV_SLU	Combination	Max			0.	11.831	9.714E-18	0.1094	2.748E-17
196	6.3375	INV_SLU	Combination	Max			0.	14.682	9.714E-18	0.1094	3.289E-17
196	6.825	INV_SLU	Combination	Max			0.	17.533	9.714E-18	0.1094	3.830E-17
196	7.3125	INV_SLU	Combination	Max			0.	20.384	9.714E-18	0.1094	4.372E-17
196	7.8	INV_SLU	Combination	Max			0.	23.235	9.714E-18	0.1094	4.913E-17
196	0.	INV_SLU	Combination	Min			0.	-23.303	-1.110E-17	0.0733	-4.996E-17
196	0.4875	INV_SLU	Combination	Min			0.	-20.452	-1.110E-17	0.0733	-4.759E-17
196	0.975	INV_SLU	Combination	Min			0.	-17.601	-1.110E-17	0.0733	-4.522E-17
196	1.4625	INV_SLU	Combination	Min			0.	-14.75	-1.110E-17	0.0733	-4.286E-17
196	1.95	INV_SLU	Combination	Min			0.	-11.899	-1.110E-17	0.0733	-4.049E-17
196	2.4375	INV_SLU	Combination	Min			0.	-9.048	-1.110E-17	0.0733	-3.812E-17
196	2.925	INV_SLU	Combination	Min			0.	-6.197	-1.110E-17	0.0733	-3.575E-17
196	3.4125	INV_SLU	Combination	Min			0.	-3.346	-1.110E-17	0.0733	-3.338E-17
196	3.9	INV_SLU	Combination	Min			0.	-0.495	-1.110E-17	0.0733	-3.789E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
196	4.3875	INV_SLU	Combination	Min			0.	2.356	-1.110E-17	0.0733	-4.262E-17
196	4.875	INV_SLU	Combination	Min			0.	5.207	-1.110E-17	0.0733	-4.736E-17
196	5.3625	INV_SLU	Combination	Min			0.	8.058	-1.110E-17	0.0733	-5.209E-17
196	5.85	INV_SLU	Combination	Min			0.	10.909	-1.110E-17	0.0733	-5.683E-17
196	6.3375	INV_SLU	Combination	Min			0.	13.76	-1.110E-17	0.0733	-6.157E-17
196	6.825	INV_SLU	Combination	Min			0.	16.611	-1.110E-17	0.0733	-6.630E-17
196	7.3125	INV_SLU	Combination	Min			0.	19.462	-1.110E-17	0.0733	-7.104E-17
196	7.8	INV_SLU	Combination	Min			0.	22.313	-1.110E-17	0.0733	-7.577E-17
196	0.	INV_SLV	Combination	Max			0.	-8.786	1.465E-16	0.2736	6.770E-16
196	0.4875	INV_SLV	Combination	Max			0.	-6.593	1.465E-16	0.2736	6.280E-16
196	0.975	INV_SLV	Combination	Max			0.	-4.4	1.465E-16	0.2736	5.790E-16
196	1.4625	INV_SLV	Combination	Max			0.	-2.207	1.465E-16	0.2736	5.300E-16
196	1.95	INV_SLV	Combination	Max			0.	-0.014	1.465E-16	0.2736	4.810E-16
196	2.4375	INV_SLV	Combination	Max			0.	2.179	1.465E-16	0.2736	4.320E-16
196	2.925	INV_SLV	Combination	Max			0.	4.372	1.465E-16	0.2736	3.830E-16
196	3.4125	INV_SLV	Combination	Max			0.	6.565	1.465E-16	0.2736	3.343E-16
196	3.9	INV_SLV	Combination	Max			0.	8.758	1.465E-16	0.2736	2.870E-16
196	4.3875	INV_SLV	Combination	Max			0.	10.952	1.465E-16	0.2736	3.347E-16
196	4.875	INV_SLV	Combination	Max			0.	13.145	1.465E-16	0.2736	4.047E-16
196	5.3625	INV_SLV	Combination	Max			0.	15.338	1.465E-16	0.2736	4.757E-16
196	5.85	INV_SLV	Combination	Max			0.	17.531	1.465E-16	0.2736	5.469E-16
196	6.3375	INV_SLV	Combination	Max			0.	19.724	1.465E-16	0.2736	6.182E-16
196	6.825	INV_SLV	Combination	Max			0.	21.917	1.465E-16	0.2736	6.895E-16
196	7.3125	INV_SLV	Combination	Max			0.	24.11	1.465E-16	0.2736	7.608E-16
196	7.8	INV_SLV	Combination	Max			0.	26.303	1.465E-16	0.2736	8.322E-16
196	0.	INV_SLV	Combination	Min			0.	-27.175	-1.465E-16	-0.1788	-7.048E-16
196	0.4875	INV_SLV	Combination	Min			0.	-24.982	-1.465E-16	-0.1788	-6.558E-16
196	0.975	INV_SLV	Combination	Min			0.	-22.789	-1.465E-16	-0.1788	-6.067E-16
196	1.4625	INV_SLV	Combination	Min			0.	-20.596	-1.465E-16	-0.1788	-5.577E-16
196	1.95	INV_SLV	Combination	Min			0.	-18.403	-1.465E-16	-0.1788	-5.087E-16
196	2.4375	INV_SLV	Combination	Min			0.	-16.21	-1.465E-16	-0.1788	-4.597E-16
196	2.925	INV_SLV	Combination	Min			0.	-14.017	-1.465E-16	-0.1788	-4.108E-16
196	3.4125	INV_SLV	Combination	Min			0.	-11.824	-1.465E-16	-0.1788	-3.620E-16
196	3.9	INV_SLV	Combination	Min			0.	-9.63	-1.465E-16	-0.1788	-3.148E-16
196	4.3875	INV_SLV	Combination	Min			0.	-7.437	-1.465E-16	-0.1788	-3.625E-16
196	4.875	INV_SLV	Combination	Min			0.	-5.244	-1.465E-16	-0.1788	-4.325E-16
196	5.3625	INV_SLV	Combination	Min			0.	-3.051	-1.465E-16	-0.1788	-5.035E-16
196	5.85	INV_SLV	Combination	Min			0.	-0.858	-1.465E-16	-0.1788	-5.747E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
196	6.3375	INV_SLV	Combination	Min			0.	1.335	-1.465E-16	-0.1788	-6.459E-16
196	6.825	INV_SLV	Combination	Min			0.	3.528	-1.465E-16	-0.1788	-7.173E-16
196	7.3125	INV_SLV	Combination	Min			0.	5.721	-1.465E-16	-0.1788	-7.886E-16
196	7.8	INV_SLV	Combination	Min			0.	7.914	-1.465E-16	-0.1788	-8.600E-16
197	0.	INV_SLU	Combination	Max			0.	-22.353	9.714E-18	-0.4284	2.082E-17
197	0.4875	INV_SLU	Combination	Max			0.	-19.502	9.714E-18	-0.4284	2.115E-17
197	0.975	INV_SLU	Combination	Max			0.	-16.651	9.714E-18	-0.4284	2.149E-17
197	1.4625	INV_SLU	Combination	Max			0.	-13.8	9.714E-18	-0.4284	2.183E-17
197	1.95	INV_SLU	Combination	Max			0.	-10.949	9.714E-18	-0.4284	2.217E-17
197	2.4375	INV_SLU	Combination	Max			0.	-8.098	9.714E-18	-0.4284	2.251E-17
197	2.925	INV_SLU	Combination	Max			0.	-5.247	9.714E-18	-0.4284	2.285E-17
197	3.4125	INV_SLU	Combination	Max			0.	-2.396	9.714E-18	-0.4284	2.318E-17
197	3.9	INV_SLU	Combination	Max			0.	0.455	9.714E-18	-0.4284	2.352E-17
197	4.3875	INV_SLU	Combination	Max			0.	3.306	9.714E-18	-0.4284	2.386E-17
197	4.875	INV_SLU	Combination	Max			0.	6.157	9.714E-18	-0.4284	2.420E-17
197	5.3625	INV_SLU	Combination	Max			0.	9.008	9.714E-18	-0.4284	2.454E-17
197	5.85	INV_SLU	Combination	Max			0.	11.859	9.714E-18	-0.4284	2.748E-17
197	6.3375	INV_SLU	Combination	Max			0.	14.71	9.714E-18	-0.4284	3.289E-17
197	6.825	INV_SLU	Combination	Max			0.	17.561	9.714E-18	-0.4284	3.830E-17
197	7.3125	INV_SLU	Combination	Max			0.	20.412	9.714E-18	-0.4284	4.372E-17
197	7.8	INV_SLU	Combination	Max			0.	23.263	9.714E-18	-0.4284	4.913E-17
197	0.	INV_SLU	Combination	Min			0.	-23.307	-1.110E-17	-0.6869	-4.996E-17
197	0.4875	INV_SLU	Combination	Min			0.	-20.456	-1.110E-17	-0.6869	-4.759E-17
197	0.975	INV_SLU	Combination	Min			0.	-17.605	-1.110E-17	-0.6869	-4.522E-17
197	1.4625	INV_SLU	Combination	Min			0.	-14.754	-1.110E-17	-0.6869	-4.286E-17
197	1.95	INV_SLU	Combination	Min			0.	-11.903	-1.110E-17	-0.6869	-4.049E-17
197	2.4375	INV_SLU	Combination	Min			0.	-9.052	-1.110E-17	-0.6869	-3.812E-17
197	2.925	INV_SLU	Combination	Min			0.	-6.201	-1.110E-17	-0.6869	-3.575E-17
197	3.4125	INV_SLU	Combination	Min			0.	-3.35	-1.110E-17	-0.6869	-3.338E-17
197	3.9	INV_SLU	Combination	Min			0.	-0.499	-1.110E-17	-0.6869	-3.789E-17
197	4.3875	INV_SLU	Combination	Min			0.	2.352	-1.110E-17	-0.6869	-4.262E-17
197	4.875	INV_SLU	Combination	Min			0.	5.203	-1.110E-17	-0.6869	-4.736E-17
197	5.3625	INV_SLU	Combination	Min			0.	8.054	-1.110E-17	-0.6869	-5.209E-17
197	5.85	INV_SLU	Combination	Min			0.	10.905	-1.110E-17	-0.6869	-5.683E-17
197	6.3375	INV_SLU	Combination	Min			0.	13.756	-1.110E-17	-0.6869	-6.157E-17
197	6.825	INV_SLU	Combination	Min			0.	16.607	-1.110E-17	-0.6869	-6.630E-17
197	7.3125	INV_SLU	Combination	Min			0.	19.458	-1.110E-17	-0.6869	-7.104E-17
197	7.8	INV_SLU	Combination	Min			0.	22.309	-1.110E-17	-0.6869	-7.577E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
197	0.	INV_SLV	Combination	Max			0.	-6.707	1.465E-16	0.232	6.770E-16
197	0.4875	INV_SLV	Combination	Max			0.	-4.514	1.465E-16	0.232	6.280E-16
197	0.975	INV_SLV	Combination	Max			0.	-2.321	1.465E-16	0.232	5.790E-16
197	1.4625	INV_SLV	Combination	Max			0.	-0.128	1.465E-16	0.232	5.300E-16
197	1.95	INV_SLV	Combination	Max			0.	2.066	1.465E-16	0.232	4.810E-16
197	2.4375	INV_SLV	Combination	Max			0.	4.259	1.465E-16	0.232	4.320E-16
197	2.925	INV_SLV	Combination	Max			0.	6.452	1.465E-16	0.232	3.830E-16
197	3.4125	INV_SLV	Combination	Max			0.	8.645	1.465E-16	0.232	3.343E-16
197	3.9	INV_SLV	Combination	Max			0.	10.838	1.465E-16	0.232	2.870E-16
197	4.3875	INV_SLV	Combination	Max			0.	13.031	1.465E-16	0.232	3.347E-16
197	4.875	INV_SLV	Combination	Max			0.	15.224	1.465E-16	0.232	4.047E-16
197	5.3625	INV_SLV	Combination	Max			0.	17.417	1.465E-16	0.232	4.757E-16
197	5.85	INV_SLV	Combination	Max			0.	19.61	1.465E-16	0.232	5.469E-16
197	6.3375	INV_SLV	Combination	Max			0.	21.803	1.465E-16	0.232	6.182E-16
197	6.825	INV_SLV	Combination	Max			0.	23.997	1.465E-16	0.232	6.895E-16
197	7.3125	INV_SLV	Combination	Max			0.	26.19	1.465E-16	0.232	7.608E-16
197	7.8	INV_SLV	Combination	Max			0.	28.383	1.465E-16	0.232	8.322E-16
197	0.	INV_SLV	Combination	Min			0.	-29.228	-1.465E-16	-0.8296	-7.048E-16
197	0.4875	INV_SLV	Combination	Min			0.	-27.035	-1.465E-16	-0.8296	-6.558E-16
197	0.975	INV_SLV	Combination	Min			0.	-24.842	-1.465E-16	-0.8296	-6.067E-16
197	1.4625	INV_SLV	Combination	Min			0.	-22.649	-1.465E-16	-0.8296	-5.577E-16
197	1.95	INV_SLV	Combination	Min			0.	-20.456	-1.465E-16	-0.8296	-5.087E-16
197	2.4375	INV_SLV	Combination	Min			0.	-18.262	-1.465E-16	-0.8296	-4.597E-16
197	2.925	INV_SLV	Combination	Min			0.	-16.069	-1.465E-16	-0.8296	-4.108E-16
197	3.4125	INV_SLV	Combination	Min			0.	-13.876	-1.465E-16	-0.8296	-3.620E-16
197	3.9	INV_SLV	Combination	Min			0.	-11.683	-1.465E-16	-0.8296	-3.148E-16
197	4.3875	INV_SLV	Combination	Min			0.	-9.49	-1.465E-16	-0.8296	-3.625E-16
197	4.875	INV_SLV	Combination	Min			0.	-7.297	-1.465E-16	-0.8296	-4.325E-16
197	5.3625	INV_SLV	Combination	Min			0.	-5.104	-1.465E-16	-0.8296	-5.035E-16
197	5.85	INV_SLV	Combination	Min			0.	-2.911	-1.465E-16	-0.8296	-5.747E-16
197	6.3375	INV_SLV	Combination	Min			0.	-0.718	-1.465E-16	-0.8296	-6.459E-16
197	6.825	INV_SLV	Combination	Min			0.	1.475	-1.465E-16	-0.8296	-7.173E-16
197	7.3125	INV_SLV	Combination	Min			0.	3.669	-1.465E-16	-0.8296	-7.886E-16
197	7.8	INV_SLV	Combination	Min			0.	5.862	-1.465E-16	-0.8296	-8.600E-16
198	0.	INV_SLU	Combination	Max			0.	-134.889	6.765E-18	0.2349	-2.776E-18
198	0.49231	INV_SLU	Combination	Max			0.	-114.154	6.765E-18	0.2349	-6.106E-18
198	0.98462	INV_SLU	Combination	Max			0.	-93.418	6.765E-18	0.2349	-9.437E-18
198	1.47692	INV_SLU	Combination	Max			0.	-72.683	6.765E-18	0.2349	-1.277E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
198	1.96923	INV_SLU	Combination	Max			0.	-51.948	6.765E-18	0.2349	-1.610E-17
198	2.46154	INV_SLU	Combination	Max			0.	-31.213	6.765E-18	0.2349	-1.222E-17
198	2.95385	INV_SLU	Combination	Max			0.	-10.478	6.765E-18	0.2349	-7.868E-18
198	3.44615	INV_SLU	Combination	Max			0.	15.205	6.765E-18	0.2349	-3.512E-18
198	3.93846	INV_SLU	Combination	Max			0.	46.021	6.765E-18	0.2349	8.433E-19
198	4.43077	INV_SLU	Combination	Max			0.	76.836	6.765E-18	0.2349	5.199E-18
198	4.92308	INV_SLU	Combination	Max			0.	107.651	6.765E-18	0.2349	9.554E-18
198	5.41538	INV_SLU	Combination	Max			0.	138.466	6.765E-18	0.2349	1.391E-17
198	5.90769	INV_SLU	Combination	Max			0.	169.281	6.765E-18	0.2349	1.827E-17
198	6.4	INV_SLU	Combination	Max			0.	200.096	6.765E-18	0.2349	2.262E-17
198	0.	INV_SLU	Combination	Min			0.	-200.571	-8.847E-18	0.1757	-3.400E-17
198	0.49231	INV_SLU	Combination	Min			0.	-169.756	-8.847E-18	0.1757	-2.965E-17
198	0.98462	INV_SLU	Combination	Min			0.	-138.941	-8.847E-18	0.1757	-2.529E-17
198	1.47692	INV_SLU	Combination	Min			0.	-108.126	-8.847E-18	0.1757	-2.093E-17
198	1.96923	INV_SLU	Combination	Min			0.	-77.31	-8.847E-18	0.1757	-1.658E-17
198	2.46154	INV_SLU	Combination	Min			0.	-46.495	-8.847E-18	0.1757	-1.943E-17
198	2.95385	INV_SLU	Combination	Min			0.	-15.68	-8.847E-18	0.1757	-2.276E-17
198	3.44615	INV_SLU	Combination	Min			0.	10.14	-8.847E-18	0.1757	-2.609E-17
198	3.93846	INV_SLU	Combination	Min			0.	30.875	-8.847E-18	0.1757	-2.942E-17
198	4.43077	INV_SLU	Combination	Min			0.	51.61	-8.847E-18	0.1757	-3.275E-17
198	4.92308	INV_SLU	Combination	Min			0.	72.345	-8.847E-18	0.1757	-3.608E-17
198	5.41538	INV_SLU	Combination	Min			0.	93.081	-8.847E-18	0.1757	-3.941E-17
198	5.90769	INV_SLU	Combination	Min			0.	113.816	-8.847E-18	0.1757	-4.274E-17
198	6.4	INV_SLU	Combination	Min			0.	134.551	-8.847E-18	0.1757	-4.607E-17
198	0.	INV_SLV	Combination	Max			0.	-88.844	2.843E-16	0.8709	1.983E-15
198	0.49231	INV_SLV	Combination	Max			0.	-74.725	2.843E-16	0.8709	1.868E-15
198	0.98462	INV_SLV	Combination	Max			0.	-60.606	2.843E-16	0.8709	1.757E-15
198	1.47692	INV_SLV	Combination	Max			0.	-46.487	2.843E-16	0.8709	1.653E-15
198	1.96923	INV_SLV	Combination	Max			0.	-32.369	2.843E-16	0.8709	1.567E-15
198	2.46154	INV_SLV	Combination	Max			0.	-18.25	2.843E-16	0.8709	1.485E-15
198	2.95385	INV_SLV	Combination	Max			0.	-4.131	2.843E-16	0.8709	1.405E-15
198	3.44615	INV_SLV	Combination	Max			0.	9.988	2.843E-16	0.8709	1.330E-15
198	3.93846	INV_SLV	Combination	Max			0.	24.106	2.843E-16	0.8709	1.258E-15
198	4.43077	INV_SLV	Combination	Max			0.	38.225	2.843E-16	0.8709	1.189E-15
198	4.92308	INV_SLV	Combination	Max			0.	52.344	2.843E-16	0.8709	1.125E-15
198	5.41538	INV_SLV	Combination	Max			0.	66.462	2.843E-16	0.8709	1.064E-15
198	5.90769	INV_SLV	Combination	Max			0.	80.581	2.843E-16	0.8709	1.007E-15
198	6.4	INV_SLV	Combination	Max			0.	94.7	2.843E-16	0.8709	1.041E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
198	0.	INV_SLV	Combination	Min			0.	-94.936	-2.878E-16	-0.6172	-2.010E-15
198	0.49231	INV_SLV	Combination	Min			0.	-80.818	-2.878E-16	-0.6172	-1.894E-15
198	0.98462	INV_SLV	Combination	Min			0.	-66.699	-2.878E-16	-0.6172	-1.781E-15
198	1.47692	INV_SLV	Combination	Min			0.	-52.58	-2.878E-16	-0.6172	-1.676E-15
198	1.96923	INV_SLV	Combination	Min			0.	-38.461	-2.878E-16	-0.6172	-1.588E-15
198	2.46154	INV_SLV	Combination	Min			0.	-24.343	-2.878E-16	-0.6172	-1.504E-15
198	2.95385	INV_SLV	Combination	Min			0.	-10.224	-2.878E-16	-0.6172	-1.423E-15
198	3.44615	INV_SLV	Combination	Min			0.	3.895	-2.878E-16	-0.6172	-1.345E-15
198	3.93846	INV_SLV	Combination	Min			0.	18.014	-2.878E-16	-0.6172	-1.272E-15
198	4.43077	INV_SLV	Combination	Min			0.	32.132	-2.878E-16	-0.6172	-1.202E-15
198	4.92308	INV_SLV	Combination	Min			0.	46.251	-2.878E-16	-0.6172	-1.136E-15
198	5.41538	INV_SLV	Combination	Min			0.	60.37	-2.878E-16	-0.6172	-1.073E-15
198	5.90769	INV_SLV	Combination	Min			0.	74.488	-2.878E-16	-0.6172	-1.014E-15
198	6.4	INV_SLV	Combination	Min			0.	88.607	-2.878E-16	-0.6172	-1.047E-15
199	0.	INV_SLU	Combination	Max			0.	-135.227	3.851E-17	0.0447	-5.690E-17
199	0.49231	INV_SLU	Combination	Max			0.	-114.492	3.851E-17	0.0447	-5.792E-17
199	0.98462	INV_SLU	Combination	Max			0.	-93.757	3.851E-17	0.0447	-5.895E-17
199	1.47692	INV_SLU	Combination	Max			0.	-73.022	3.851E-17	0.0447	-5.997E-17
199	1.96923	INV_SLU	Combination	Max			0.	-52.287	3.851E-17	0.0447	-6.100E-17
199	2.46154	INV_SLU	Combination	Max			0.	-31.551	3.851E-17	0.0447	-6.202E-17
199	2.95385	INV_SLU	Combination	Max			0.	-10.816	3.851E-17	0.0447	-6.305E-17
199	3.44615	INV_SLU	Combination	Max			0.	14.69	3.851E-17	0.0447	-6.407E-17
199	3.93846	INV_SLU	Combination	Max			0.	45.505	3.851E-17	0.0447	-6.510E-17
199	4.43077	INV_SLU	Combination	Max			0.	76.32	3.851E-17	0.0447	-6.074E-17
199	4.92308	INV_SLU	Combination	Max			0.	107.135	3.851E-17	0.0447	-5.562E-17
199	5.41538	INV_SLU	Combination	Max			0.	137.951	3.851E-17	0.0447	-5.049E-17
199	5.90769	INV_SLU	Combination	Max			0.	168.766	3.851E-17	0.0447	-4.537E-17
199	6.4	INV_SLU	Combination	Max			0.	199.581	3.851E-17	0.0447	-4.025E-17
199	0.	INV_SLU	Combination	Min			0.	-201.075	-1.041E-17	0.0251	-1.193E-16
199	0.49231	INV_SLU	Combination	Min			0.	-170.26	-1.041E-17	0.0251	-1.250E-16
199	0.98462	INV_SLU	Combination	Min			0.	-139.445	-1.041E-17	0.0251	-1.306E-16
199	1.47692	INV_SLU	Combination	Min			0.	-108.63	-1.041E-17	0.0251	-1.363E-16
199	1.96923	INV_SLU	Combination	Min			0.	-77.815	-1.041E-17	0.0251	-1.536E-16
199	2.46154	INV_SLU	Combination	Min			0.	-47.	-1.041E-17	0.0251	-1.725E-16
199	2.95385	INV_SLU	Combination	Min			0.	-16.185	-1.041E-17	0.0251	-1.915E-16
199	3.44615	INV_SLU	Combination	Min			0.	9.82	-1.041E-17	0.0251	-2.104E-16
199	3.93846	INV_SLU	Combination	Min			0.	30.555	-1.041E-17	0.0251	-2.294E-16
199	4.43077	INV_SLU	Combination	Min			0.	51.29	-1.041E-17	0.0251	-2.483E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
199	4.92308	INV_SLU	Combination	Min			0.	72.025	-1.041E-17	0.0251	-2.673E-16
199	5.41538	INV_SLU	Combination	Min			0.	92.761	-1.041E-17	0.0251	-2.863E-16
199	5.90769	INV_SLU	Combination	Min			0.	113.496	-1.041E-17	0.0251	-3.052E-16
199	6.4	INV_SLU	Combination	Min			0.	134.231	-1.041E-17	0.0251	-3.242E-16
199	0.	INV_SLV	Combination	Max			0.	-89.014	1.067E-15	0.7599	2.897E-15
199	0.49231	INV_SLV	Combination	Max			0.	-74.896	1.067E-15	0.7599	2.546E-15
199	0.98462	INV_SLV	Combination	Max			0.	-60.777	1.067E-15	0.7599	2.224E-15
199	1.47692	INV_SLV	Combination	Max			0.	-46.658	1.067E-15	0.7599	1.930E-15
199	1.96923	INV_SLV	Combination	Max			0.	-32.539	1.067E-15	0.7599	1.665E-15
199	2.46154	INV_SLV	Combination	Max			0.	-18.421	1.067E-15	0.7599	1.428E-15
199	2.95385	INV_SLV	Combination	Max			0.	-4.302	1.067E-15	0.7599	1.596E-15
199	3.44615	INV_SLV	Combination	Max			0.	9.817	1.067E-15	0.7599	2.053E-15
199	3.93846	INV_SLV	Combination	Max			0.	23.936	1.067E-15	0.7599	2.519E-15
199	4.43077	INV_SLV	Combination	Max			0.	38.054	1.067E-15	0.7599	2.992E-15
199	4.92308	INV_SLV	Combination	Max			0.	52.173	1.067E-15	0.7599	3.469E-15
199	5.41538	INV_SLV	Combination	Max			0.	66.292	1.067E-15	0.7599	3.950E-15
199	5.90769	INV_SLV	Combination	Max			0.	80.41	1.067E-15	0.7599	4.433E-15
199	6.4	INV_SLV	Combination	Max			0.	94.529	1.067E-15	0.7599	4.917E-15
199	0.	INV_SLV	Combination	Min			0.	-95.203	-1.074E-15	-0.7185	-3.008E-15
199	0.49231	INV_SLV	Combination	Min			0.	-81.084	-1.074E-15	-0.7185	-2.654E-15
199	0.98462	INV_SLV	Combination	Min			0.	-66.965	-1.074E-15	-0.7185	-2.328E-15
199	1.47692	INV_SLV	Combination	Min			0.	-52.846	-1.074E-15	-0.7185	-2.031E-15
199	1.96923	INV_SLV	Combination	Min			0.	-38.728	-1.074E-15	-0.7185	-1.763E-15
199	2.46154	INV_SLV	Combination	Min			0.	-24.609	-1.074E-15	-0.7185	-1.522E-15
199	2.95385	INV_SLV	Combination	Min			0.	-10.49	-1.074E-15	-0.7185	-1.687E-15
199	3.44615	INV_SLV	Combination	Min			0.	3.629	-1.074E-15	-0.7185	-2.140E-15
199	3.93846	INV_SLV	Combination	Min			0.	17.747	-1.074E-15	-0.7185	-2.603E-15
199	4.43077	INV_SLV	Combination	Min			0.	31.866	-1.074E-15	-0.7185	-3.072E-15
199	4.92308	INV_SLV	Combination	Min			0.	45.985	-1.074E-15	-0.7185	-3.546E-15
199	5.41538	INV_SLV	Combination	Min			0.	60.103	-1.074E-15	-0.7185	-4.023E-15
199	5.90769	INV_SLV	Combination	Min			0.	74.222	-1.074E-15	-0.7185	-4.503E-15
199	6.4	INV_SLV	Combination	Min			0.	88.341	-1.074E-15	-0.7185	-4.984E-15
200	0.	INV_SLU	Combination	Max			0.	-133.282	1.041E-17	0.0513	8.327E-17
200	0.49231	INV_SLU	Combination	Max			0.	-112.547	1.041E-17	0.0513	7.814E-17
200	0.98462	INV_SLU	Combination	Max			0.	-91.812	1.041E-17	0.0513	7.302E-17
200	1.47692	INV_SLU	Combination	Max			0.	-71.077	1.041E-17	0.0513	6.789E-17
200	1.96923	INV_SLU	Combination	Max			0.	-50.342	1.041E-17	0.0513	6.277E-17
200	2.46154	INV_SLU	Combination	Max			0.	-29.607	1.041E-17	0.0513	5.765E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
200	2.95385	INV_SLU	Combination	Max			0.	-8.871	1.041E-17	0.0513	5.252E-17
200	3.44615	INV_SLU	Combination	Max			0.	17.634	1.041E-17	0.0513	4.740E-17
200	3.93846	INV_SLU	Combination	Max			0.	48.449	1.041E-17	0.0513	4.227E-17
200	4.43077	INV_SLU	Combination	Max			0.	79.264	1.041E-17	0.0513	3.715E-17
200	4.92308	INV_SLU	Combination	Max			0.	110.08	1.041E-17	0.0513	3.203E-17
200	5.41538	INV_SLU	Combination	Max			0.	140.895	1.041E-17	0.0513	2.690E-17
200	5.90769	INV_SLU	Combination	Max			0.	171.71	1.041E-17	0.0513	2.178E-17
200	6.4	INV_SLU	Combination	Max			0.	202.525	1.041E-17	0.0513	1.665E-17
200	0.	INV_SLU	Combination	Min			0.	-198.183	1.041E-17	0.0305	8.327E-17
200	0.49231	INV_SLU	Combination	Min			0.	-167.368	1.041E-17	0.0305	7.814E-17
200	0.98462	INV_SLU	Combination	Min			0.	-136.553	1.041E-17	0.0305	7.302E-17
200	1.47692	INV_SLU	Combination	Min			0.	-105.738	1.041E-17	0.0305	6.789E-17
200	1.96923	INV_SLU	Combination	Min			0.	-74.923	1.041E-17	0.0305	6.277E-17
200	2.46154	INV_SLU	Combination	Min			0.	-44.107	1.041E-17	0.0305	5.765E-17
200	2.95385	INV_SLU	Combination	Min			0.	-13.292	1.041E-17	0.0305	5.252E-17
200	3.44615	INV_SLU	Combination	Min			0.	11.678	1.041E-17	0.0305	4.740E-17
200	3.93846	INV_SLU	Combination	Min			0.	32.414	1.041E-17	0.0305	4.227E-17
200	4.43077	INV_SLU	Combination	Min			0.	53.149	1.041E-17	0.0305	3.715E-17
200	4.92308	INV_SLU	Combination	Min			0.	73.884	1.041E-17	0.0305	3.203E-17
200	5.41538	INV_SLU	Combination	Min			0.	94.619	1.041E-17	0.0305	2.690E-17
200	5.90769	INV_SLU	Combination	Min			0.	115.354	1.041E-17	0.0305	2.178E-17
200	6.4	INV_SLU	Combination	Min			0.	136.089	1.041E-17	0.0305	1.665E-17
200	0.	INV_SLV	Combination	Max			0.	-88.008	5.235E-16	0.7576	3.312E-15
200	0.49231	INV_SLV	Combination	Max			0.	-73.89	5.235E-16	0.7576	3.123E-15
200	0.98462	INV_SLV	Combination	Max			0.	-59.771	5.235E-16	0.7576	2.934E-15
200	1.47692	INV_SLV	Combination	Max			0.	-45.652	5.235E-16	0.7576	2.745E-15
200	1.96923	INV_SLV	Combination	Max			0.	-31.533	5.235E-16	0.7576	2.556E-15
200	2.46154	INV_SLV	Combination	Max			0.	-17.415	5.235E-16	0.7576	2.487E-15
200	2.95385	INV_SLV	Combination	Max			0.	-3.296	5.235E-16	0.7576	2.528E-15
200	3.44615	INV_SLV	Combination	Max			0.	10.823	5.235E-16	0.7576	2.568E-15
200	3.93846	INV_SLV	Combination	Max			0.	24.941	5.235E-16	0.7576	2.608E-15
200	4.43077	INV_SLV	Combination	Max			0.	39.06	5.235E-16	0.7576	2.764E-15
200	4.92308	INV_SLV	Combination	Max			0.	53.179	5.235E-16	0.7576	2.935E-15
200	5.41538	INV_SLV	Combination	Max			0.	67.298	5.235E-16	0.7576	3.107E-15
200	5.90769	INV_SLV	Combination	Max			0.	81.416	5.235E-16	0.7576	3.278E-15
200	6.4	INV_SLV	Combination	Max			0.	95.535	5.235E-16	0.7576	3.450E-15
200	0.	INV_SLV	Combination	Min			0.	-93.688	-5.096E-16	-0.7073	-3.201E-15
200	0.49231	INV_SLV	Combination	Min			0.	-79.569	-5.096E-16	-0.7073	-3.019E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
200	0.98462	INV_SLV	Combination	Min			0.	-65.451	-5.096E-16	-0.7073	-2.837E-15
200	1.47692	INV_SLV	Combination	Min			0.	-51.332	-5.096E-16	-0.7073	-2.655E-15
200	1.96923	INV_SLV	Combination	Min			0.	-37.213	-5.096E-16	-0.7073	-2.473E-15
200	2.46154	INV_SLV	Combination	Min			0.	-23.094	-5.096E-16	-0.7073	-2.410E-15
200	2.95385	INV_SLV	Combination	Min			0.	-8.976	-5.096E-16	-0.7073	-2.458E-15
200	3.44615	INV_SLV	Combination	Min			0.	5.143	-5.096E-16	-0.7073	-2.505E-15
200	3.93846	INV_SLV	Combination	Min			0.	19.262	-5.096E-16	-0.7073	-2.552E-15
200	4.43077	INV_SLV	Combination	Min			0.	33.38	-5.096E-16	-0.7073	-2.714E-15
200	4.92308	INV_SLV	Combination	Min			0.	47.499	-5.096E-16	-0.7073	-2.893E-15
200	5.41538	INV_SLV	Combination	Min			0.	61.618	-5.096E-16	-0.7073	-3.071E-15
200	5.90769	INV_SLV	Combination	Min			0.	75.737	-5.096E-16	-0.7073	-3.249E-15
200	6.4	INV_SLV	Combination	Min			0.	89.855	-5.096E-16	-0.7073	-3.428E-15
201	0.	INV_SLU	Combination	Max			0.	-145.562	5.204E-18	0.209	-2.082E-17
201	0.49231	INV_SLU	Combination	Max			0.	-124.827	5.204E-18	0.209	-2.338E-17
201	0.98462	INV_SLU	Combination	Max			0.	-104.092	5.204E-18	0.209	-2.594E-17
201	1.47692	INV_SLU	Combination	Max			0.	-83.357	5.204E-18	0.209	-2.850E-17
201	1.96923	INV_SLU	Combination	Max			0.	-62.622	5.204E-18	0.209	-3.106E-17
201	2.46154	INV_SLU	Combination	Max			0.	-41.887	5.204E-18	0.209	-3.203E-18
201	2.95385	INV_SLU	Combination	Max			0.	-21.152	5.204E-18	0.209	3.779E-17
201	3.44615	INV_SLU	Combination	Max			0.	-0.416	5.204E-18	0.209	7.878E-17
201	3.93846	INV_SLU	Combination	Max			0.	30.019	5.204E-18	0.209	1.198E-16
201	4.43077	INV_SLU	Combination	Max			0.	60.834	5.204E-18	0.209	1.608E-16
201	4.92308	INV_SLU	Combination	Max			0.	91.649	5.204E-18	0.209	2.018E-16
201	5.41538	INV_SLU	Combination	Max			0.	122.464	5.204E-18	0.209	2.428E-16
201	5.90769	INV_SLU	Combination	Max			0.	153.279	5.204E-18	0.209	2.837E-16
201	6.4	INV_SLU	Combination	Max			0.	184.094	5.204E-18	0.209	3.247E-16
201	0.	INV_SLU	Combination	Min			0.	-216.656	-8.327E-17	0.0238	-2.082E-16
201	0.49231	INV_SLU	Combination	Min			0.	-185.841	-8.327E-17	0.0238	-1.672E-16
201	0.98462	INV_SLU	Combination	Min			0.	-155.026	-8.327E-17	0.0238	-1.262E-16
201	1.47692	INV_SLU	Combination	Min			0.	-124.211	-8.327E-17	0.0238	-8.519E-17
201	1.96923	INV_SLU	Combination	Min			0.	-93.395	-8.327E-17	0.0238	-4.420E-17
201	2.46154	INV_SLU	Combination	Min			0.	-62.58	-8.327E-17	0.0238	-4.163E-17
201	2.95385	INV_SLU	Combination	Min			0.	-31.765	-8.327E-17	0.0238	-4.163E-17
201	3.44615	INV_SLU	Combination	Min			0.	-0.95	-8.327E-17	0.0238	-4.163E-17
201	3.93846	INV_SLU	Combination	Min			0.	20.063	-8.327E-17	0.0238	-4.163E-17
201	4.43077	INV_SLU	Combination	Min			0.	40.798	-8.327E-17	0.0238	-4.388E-17
201	4.92308	INV_SLU	Combination	Min			0.	61.533	-8.327E-17	0.0238	-4.644E-17
201	5.41538	INV_SLU	Combination	Min			0.	82.269	-8.327E-17	0.0238	-4.900E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
201	5.90769	INV_SLU	Combination	Min			0.	103.004	-8.327E-17	0.0238	-5.156E-17
201	6.4	INV_SLU	Combination	Min			0.	123.739	-8.327E-17	0.0238	-5.412E-17
201	0.	INV_SLV	Combination	Max			0.	-95.033	1.258E-15	0.5983	2.882E-15
201	0.49231	INV_SLV	Combination	Max			0.	-80.914	1.258E-15	0.5983	2.753E-15
201	0.98462	INV_SLV	Combination	Max			0.	-66.795	1.258E-15	0.5983	2.726E-15
201	1.47692	INV_SLV	Combination	Max			0.	-52.677	1.258E-15	0.5983	2.770E-15
201	1.96923	INV_SLV	Combination	Max			0.	-38.558	1.258E-15	0.5983	2.860E-15
201	2.46154	INV_SLV	Combination	Max			0.	-24.439	1.258E-15	0.5983	2.977E-15
201	2.95385	INV_SLV	Combination	Max			0.	-10.32	1.258E-15	0.5983	3.111E-15
201	3.44615	INV_SLV	Combination	Max			0.	3.798	1.258E-15	0.5983	3.257E-15
201	3.93846	INV_SLV	Combination	Max			0.	17.917	1.258E-15	0.5983	3.412E-15
201	4.43077	INV_SLV	Combination	Max			0.	32.036	1.258E-15	0.5983	3.954E-15
201	4.92308	INV_SLV	Combination	Max			0.	46.154	1.258E-15	0.5983	4.555E-15
201	5.41538	INV_SLV	Combination	Max			0.	60.273	1.258E-15	0.5983	5.159E-15
201	5.90769	INV_SLV	Combination	Max			0.	74.392	1.258E-15	0.5983	5.766E-15
201	6.4	INV_SLV	Combination	Max			0.	88.511	1.258E-15	0.5983	6.375E-15
201	0.	INV_SLV	Combination	Min			0.	-103.092	-1.258E-15	-0.2712	-2.937E-15
201	0.49231	INV_SLV	Combination	Min			0.	-88.973	-1.258E-15	-0.2712	-2.809E-15
201	0.98462	INV_SLV	Combination	Min			0.	-74.855	-1.258E-15	-0.2712	-2.782E-15
201	1.47692	INV_SLV	Combination	Min			0.	-60.736	-1.258E-15	-0.2712	-2.826E-15
201	1.96923	INV_SLV	Combination	Min			0.	-46.617	-1.258E-15	-0.2712	-2.915E-15
201	2.46154	INV_SLV	Combination	Min			0.	-32.498	-1.258E-15	-0.2712	-3.032E-15
201	2.95385	INV_SLV	Combination	Min			0.	-18.38	-1.258E-15	-0.2712	-3.167E-15
201	3.44615	INV_SLV	Combination	Min			0.	-4.261	-1.258E-15	-0.2712	-3.313E-15
201	3.93846	INV_SLV	Combination	Min			0.	9.858	-1.258E-15	-0.2712	-3.467E-15
201	4.43077	INV_SLV	Combination	Min			0.	23.977	-1.258E-15	-0.2712	-4.010E-15
201	4.92308	INV_SLV	Combination	Min			0.	38.095	-1.258E-15	-0.2712	-4.611E-15
201	5.41538	INV_SLV	Combination	Min			0.	52.214	-1.258E-15	-0.2712	-5.215E-15
201	5.90769	INV_SLV	Combination	Min			0.	66.333	-1.258E-15	-0.2712	-5.822E-15
201	6.4	INV_SLV	Combination	Min			0.	80.451	-1.258E-15	-0.2712	-6.430E-15
202	0.	INV_SLU	Combination	Max			-149.157	3.25	-24.506	-0.0074	-44.0431
202	1.75	INV_SLU	Combination	Max			-144.039	3.25	-24.506	-0.0074	-0.5399
202	3.5	INV_SLU	Combination	Max			-138.922	3.25	-24.506	-0.0074	60.43
202	0.	INV_SLU	Combination	Min			-208.242	2.256	-34.848	-0.0181	-61.5376
202	1.75	INV_SLU	Combination	Min			-203.125	2.256	-34.848	-0.0181	-1.18
202	3.5	INV_SLU	Combination	Min			-198.008	2.256	-34.848	-0.0181	41.7295
202	0.	INV_SLV	Combination	Max			-73.399	17.286	-11.706	0.344	-21.539
202	1.75	INV_SLV	Combination	Max			-69.462	17.286	-11.706	0.344	-0.4873

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
202	3.5	INV_SLV	Combination	Max			-65.526	17.286	-11.706	0.344	37.3639
202	0.	INV_SLV	Combination	Min			-135.25	-13.829	-21.632	-0.3576	-38.3482
202	1.75	INV_SLV	Combination	Min			-131.313	-13.829	-21.632	-0.3576	-1.0587
202	3.5	INV_SLV	Combination	Min			-127.377	-13.829	-21.632	-0.3576	19.4313
203	0.	INV_SLU	Combination	Max			-152.484	10.373	44.689	-0.0074	73.994
203	1.75	INV_SLU	Combination	Max			-147.366	5.123	40.881	-0.0074	1.2262
203	3.5	INV_SLU	Combination	Max			-142.249	4.226	40.597	-0.0074	-46.0006
203	0.	INV_SLU	Combination	Min			-214.452	3.642	28.51	-0.0181	51.1193
203	1.75	INV_SLU	Combination	Min			-209.334	3.642	28.51	-0.0181	-0.8802
203	3.5	INV_SLU	Combination	Min			-204.217	-0.127	22.636	-0.0181	-70.6896
203	0.	INV_SLV	Combination	Max			-92.913	19.523	24.572	0.344	43.5511
203	1.75	INV_SLV	Combination	Max			-88.977	19.523	24.572	0.344	1.0296
203	3.5	INV_SLV	Combination	Max			-85.04	19.523	24.572	0.344	-23.9584
203	0.	INV_SLV	Combination	Min			-120.148	-13.262	14.276	-0.3576	26.0081
203	1.75	INV_SLV	Combination	Min			-116.211	-13.262	14.276	-0.3576	0.5459
203	3.5	INV_SLV	Combination	Min			-112.275	-13.262	14.276	-0.3576	-42.4498
204	0.	INV_SLU	Combination	Max			0.	-141.255	1.908E-17	1.325	0.
204	0.49231	INV_SLU	Combination	Max			0.	-120.52	1.908E-17	1.325	3.724E-17
204	0.98462	INV_SLU	Combination	Max			0.	-99.784	1.908E-17	1.325	7.447E-17
204	1.47692	INV_SLU	Combination	Max			0.	-79.049	1.908E-17	1.325	1.117E-16
204	1.96923	INV_SLU	Combination	Max			0.	-58.314	1.908E-17	1.325	1.489E-16
204	2.46154	INV_SLU	Combination	Max			0.	-37.579	1.908E-17	1.325	1.862E-16
204	2.95385	INV_SLU	Combination	Max			0.	-16.844	1.908E-17	1.325	2.234E-16
204	3.44615	INV_SLU	Combination	Max			0.	5.721	1.908E-17	1.325	2.606E-16
204	3.93846	INV_SLU	Combination	Max			0.	36.536	1.908E-17	1.325	2.979E-16
204	4.43077	INV_SLU	Combination	Max			0.	67.352	1.908E-17	1.325	3.351E-16
204	4.92308	INV_SLU	Combination	Max			0.	98.167	1.908E-17	1.325	3.724E-16
204	5.41538	INV_SLU	Combination	Max			0.	128.982	1.908E-17	1.325	4.096E-16
204	5.90769	INV_SLU	Combination	Max			0.	159.797	1.908E-17	1.325	4.468E-16
204	6.4	INV_SLU	Combination	Max			0.	190.612	1.908E-17	1.325	4.841E-16
204	0.	INV_SLU	Combination	Min			0.	-210.255	-7.563E-17	0.7114	0.
204	0.49231	INV_SLU	Combination	Min			0.	-179.44	-7.563E-17	0.7114	-9.394E-18
204	0.98462	INV_SLU	Combination	Min			0.	-148.625	-7.563E-17	0.7114	-1.879E-17
204	1.47692	INV_SLU	Combination	Min			0.	-117.809	-7.563E-17	0.7114	-2.818E-17
204	1.96923	INV_SLU	Combination	Min			0.	-86.994	-7.563E-17	0.7114	-3.758E-17
204	2.46154	INV_SLU	Combination	Min			0.	-56.179	-7.563E-17	0.7114	-4.697E-17
204	2.95385	INV_SLU	Combination	Min			0.	-25.364	-7.563E-17	0.7114	-5.637E-17
204	3.44615	INV_SLU	Combination	Min			0.	3.441	-7.563E-17	0.7114	-6.576E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
204	3.93846	INV_SLU	Combination	Min			0.	24.176	-7.563E-17	0.7114	-7.515E-17
204	4.43077	INV_SLU	Combination	Min			0.	44.911	-7.563E-17	0.7114	-8.455E-17
204	4.92308	INV_SLU	Combination	Min			0.	65.647	-7.563E-17	0.7114	-9.394E-17
204	5.41538	INV_SLU	Combination	Min			0.	86.382	-7.563E-17	0.7114	-1.033E-16
204	5.90769	INV_SLU	Combination	Min			0.	107.117	-7.563E-17	0.7114	-1.127E-16
204	6.4	INV_SLU	Combination	Min			0.	127.852	-7.563E-17	0.7114	-1.221E-16
204	0.	INV_SLV	Combination	Max			0.	-92.717	1.068E-15	1.8434	2.581E-15
204	0.49231	INV_SLV	Combination	Max			0.	-78.598	1.068E-15	1.8434	2.968E-15
204	0.98462	INV_SLV	Combination	Max			0.	-64.479	1.068E-15	1.8434	3.407E-15
204	1.47692	INV_SLV	Combination	Max			0.	-50.36	1.068E-15	1.8434	3.850E-15
204	1.96923	INV_SLV	Combination	Max			0.	-36.242	1.068E-15	1.8434	4.297E-15
204	2.46154	INV_SLV	Combination	Max			0.	-22.123	1.068E-15	1.8434	4.748E-15
204	2.95385	INV_SLV	Combination	Max			0.	-8.004	1.068E-15	1.8434	5.202E-15
204	3.44615	INV_SLV	Combination	Max			0.	6.115	1.068E-15	1.8434	5.659E-15
204	3.93846	INV_SLV	Combination	Max			0.	20.233	1.068E-15	1.8434	6.119E-15
204	4.43077	INV_SLV	Combination	Max			0.	34.352	1.068E-15	1.8434	6.583E-15
204	4.92308	INV_SLV	Combination	Max			0.	48.471	1.068E-15	1.8434	7.049E-15
204	5.41538	INV_SLV	Combination	Max			0.	62.589	1.068E-15	1.8434	7.518E-15
204	5.90769	INV_SLV	Combination	Max			0.	76.708	1.068E-15	1.8434	7.989E-15
204	6.4	INV_SLV	Combination	Max			0.	90.827	1.068E-15	1.8434	8.462E-15
204	0.	INV_SLV	Combination	Min			0.	-99.566	-1.054E-15	-0.8308	-2.581E-15
204	0.49231	INV_SLV	Combination	Min			0.	-85.447	-1.054E-15	-0.8308	-2.975E-15
204	0.98462	INV_SLV	Combination	Min			0.	-71.329	-1.054E-15	-0.8308	-3.421E-15
204	1.47692	INV_SLV	Combination	Min			0.	-57.21	-1.054E-15	-0.8308	-3.871E-15
204	1.96923	INV_SLV	Combination	Min			0.	-43.091	-1.054E-15	-0.8308	-4.324E-15
204	2.46154	INV_SLV	Combination	Min			0.	-28.973	-1.054E-15	-0.8308	-4.782E-15
204	2.95385	INV_SLV	Combination	Min			0.	-14.854	-1.054E-15	-0.8308	-5.243E-15
204	3.44615	INV_SLV	Combination	Min			0.	-0.735	-1.054E-15	-0.8308	-5.707E-15
204	3.93846	INV_SLV	Combination	Min			0.	13.384	-1.054E-15	-0.8308	-6.174E-15
204	4.43077	INV_SLV	Combination	Min			0.	27.502	-1.054E-15	-0.8308	-6.644E-15
204	4.92308	INV_SLV	Combination	Min			0.	41.621	-1.054E-15	-0.8308	-7.117E-15
204	5.41538	INV_SLV	Combination	Min			0.	55.74	-1.054E-15	-0.8308	-7.593E-15
204	5.90769	INV_SLV	Combination	Min			0.	69.859	-1.054E-15	-0.8308	-8.071E-15
204	6.4	INV_SLV	Combination	Min			0.	83.977	-1.054E-15	-0.8308	-8.551E-15
205	0.	INV_SLU	Combination	Max			0.	-23.852	-2.984E-17	-12.3779	-8.327E-17
205	0.5	INV_SLU	Combination	Max			0.	-20.928	-2.984E-17	-12.3779	-6.835E-17
205	1.	INV_SLU	Combination	Max			0.	-18.004	-2.984E-17	-12.3779	-5.343E-17
205	1.5	INV_SLU	Combination	Max			0.	-15.079	-2.984E-17	-12.3779	-3.851E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
205	2.	INV_SLU	Combination	Max			0.	-12.155	-2.984E-17	-12.3779	-2.359E-17
205	2.5	INV_SLU	Combination	Max			0.	-9.231	-2.984E-17	-12.3779	-8.674E-18
205	3.	INV_SLU	Combination	Max			0.	-6.307	-2.984E-17	-12.3779	6.245E-18
205	3.5	INV_SLU	Combination	Max			0.	-3.383	-2.984E-17	-12.3779	2.325E-17
205	4.	INV_SLU	Combination	Max			0.	-0.459	-2.984E-17	-12.3779	4.441E-17
205	4.5	INV_SLU	Combination	Max			0.	2.465	-2.984E-17	-12.3779	6.557E-17
205	5.	INV_SLU	Combination	Max			0.	5.39	-2.984E-17	-12.3779	8.674E-17
205	5.5	INV_SLU	Combination	Max			0.	8.314	-2.984E-17	-12.3779	1.079E-16
205	6.	INV_SLU	Combination	Max			0.	11.238	-2.984E-17	-12.3779	1.291E-16
205	0.	INV_SLU	Combination	Min			0.	-26.312	-4.233E-17	-18.6451	-1.499E-16
205	0.5	INV_SLU	Combination	Min			0.	-23.388	-4.233E-17	-18.6451	-1.287E-16
205	1.	INV_SLU	Combination	Min			0.	-20.464	-4.233E-17	-18.6451	-1.076E-16
205	1.5	INV_SLU	Combination	Min			0.	-17.539	-4.233E-17	-18.6451	-8.639E-17
205	2.	INV_SLU	Combination	Min			0.	-14.615	-4.233E-17	-18.6451	-6.523E-17
205	2.5	INV_SLU	Combination	Min			0.	-11.691	-4.233E-17	-18.6451	-5.031E-17
205	3.	INV_SLU	Combination	Min			0.	-8.767	-4.233E-17	-18.6451	-3.539E-17
205	3.5	INV_SLU	Combination	Min			0.	-5.843	-4.233E-17	-18.6451	-2.047E-17
205	4.	INV_SLU	Combination	Min			0.	-2.919	-4.233E-17	-18.6451	-5.551E-18
205	4.5	INV_SLU	Combination	Min			0.	5.392E-03	-4.233E-17	-18.6451	9.368E-18
205	5.	INV_SLU	Combination	Min			0.	2.93	-4.233E-17	-18.6451	2.429E-17
205	5.5	INV_SLU	Combination	Min			0.	5.854	-4.233E-17	-18.6451	3.920E-17
205	6.	INV_SLU	Combination	Min			0.	8.778	-4.233E-17	-18.6451	5.412E-17
205	0.	INV_SLV	Combination	Max			0.	-4.447	8.144E-16	-7.3319	2.194E-15
205	0.5	INV_SLV	Combination	Max			0.	-2.198	8.144E-16	-7.3319	1.811E-15
205	1.	INV_SLV	Combination	Max			0.	0.051	8.144E-16	-7.3319	1.432E-15
205	1.5	INV_SLV	Combination	Max			0.	2.301	8.144E-16	-7.3319	1.186E-15
205	2.	INV_SLV	Combination	Max			0.	4.55	8.144E-16	-7.3319	9.788E-16
205	2.5	INV_SLV	Combination	Max			0.	6.799	8.144E-16	-7.3319	8.605E-16
205	3.	INV_SLV	Combination	Max			0.	9.049	8.144E-16	-7.3319	8.015E-16
205	3.5	INV_SLV	Combination	Max			0.	11.298	8.144E-16	-7.3319	9.107E-16
205	4.	INV_SLV	Combination	Max			0.	13.547	8.144E-16	-7.3319	1.232E-15
205	4.5	INV_SLV	Combination	Max			0.	15.797	8.144E-16	-7.3319	1.590E-15
205	5.	INV_SLV	Combination	Max			0.	18.046	8.144E-16	-7.3319	1.970E-15
205	5.5	INV_SLV	Combination	Max			0.	20.295	8.144E-16	-7.3319	2.363E-15
205	6.	INV_SLV	Combination	Max			0.	22.545	8.144E-16	-7.3319	2.764E-15
205	0.	INV_SLV	Combination	Min			0.	-32.434	-8.283E-16	-9.4853	-2.305E-15
205	0.5	INV_SLV	Combination	Min			0.	-30.185	-8.283E-16	-9.4853	-1.916E-15
205	1.	INV_SLV	Combination	Min			0.	-27.936	-8.283E-16	-9.4853	-1.529E-15

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
205	1.5	INV_SLV	Combination	Min			0.	-25.686	-8.283E-16	-9.4853	-1.276E-15
205	2.	INV_SLV	Combination	Min			0.	-23.437	-8.283E-16	-9.4853	-1.062E-15
205	2.5	INV_SLV	Combination	Min			0.	-21.188	-8.283E-16	-9.4853	-9.368E-16
205	3.	INV_SLV	Combination	Min			0.	-18.938	-8.283E-16	-9.4853	-8.709E-16
205	3.5	INV_SLV	Combination	Min			0.	-16.689	-8.283E-16	-9.4853	-9.732E-16
205	4.	INV_SLV	Combination	Min			0.	-14.44	-8.283E-16	-9.4853	-1.287E-15
205	4.5	INV_SLV	Combination	Min			0.	-12.19	-8.283E-16	-9.4853	-1.638E-15
205	5.	INV_SLV	Combination	Min			0.	-9.941	-8.283E-16	-9.4853	-2.012E-15
205	5.5	INV_SLV	Combination	Min			0.	-7.692	-8.283E-16	-9.4853	-2.398E-15
205	6.	INV_SLV	Combination	Min			0.	-5.442	-8.283E-16	-9.4853	-2.792E-15
206	0.	INV_SLU	Combination	Max			0.	21.465	9.548E-16	69.6741	6.217E-16
206	0.45	INV_SLU	Combination	Max			0.	24.097	9.548E-16	69.6741	1.921E-16
206	0.9	INV_SLU	Combination	Max			0.	26.729	9.548E-16	69.6741	-2.376E-16
206	1.35	INV_SLU	Combination	Max			0.	29.361	9.548E-16	69.6741	-4.341E-16
206	1.8	INV_SLU	Combination	Max			0.	31.992	9.548E-16	69.6741	-5.640E-16
206	0.	INV_SLU	Combination	Min			0.	12.836	2.887E-16	46.1778	-4.441E-17
206	0.45	INV_SLU	Combination	Min			0.	15.468	2.887E-16	46.1778	-1.743E-16
206	0.9	INV_SLU	Combination	Min			0.	18.1	2.887E-16	46.1778	-3.042E-16
206	1.35	INV_SLU	Combination	Min			0.	20.731	2.887E-16	46.1778	-6.672E-16
206	1.8	INV_SLU	Combination	Min			0.	23.363	2.887E-16	46.1778	-1.097E-15
206	0.	INV_SLV	Combination	Max			0.	50.479	2.549E-14	32.6824	1.625E-14
206	0.45	INV_SLV	Combination	Max			0.	52.503	2.549E-14	32.6824	1.750E-14
206	0.9	INV_SLV	Combination	Max			0.	54.528	2.549E-14	32.6824	2.176E-14
206	1.35	INV_SLV	Combination	Max			0.	56.552	2.549E-14	32.6824	2.885E-14
206	1.8	INV_SLV	Combination	Max			0.	58.577	2.549E-14	32.6824	3.807E-14
206	0.	INV_SLV	Combination	Min			0.	-33.997	-2.504E-14	30.2181	-1.625E-14
206	0.45	INV_SLV	Combination	Min			0.	-31.973	-2.504E-14	30.2181	-1.770E-14
206	0.9	INV_SLV	Combination	Min			0.	-29.948	-2.504E-14	30.2181	-2.216E-14
206	1.35	INV_SLV	Combination	Min			0.	-27.924	-2.504E-14	30.2181	-2.945E-14
206	1.8	INV_SLV	Combination	Min			0.	-25.9	-2.504E-14	30.2181	-3.887E-14
207	0.	INV_SLU	Combination	Max			0.	-20.693	-2.984E-17	15.8127	-8.327E-17
207	0.5	INV_SLU	Combination	Max			0.	-17.769	-2.984E-17	15.8127	-6.835E-17
207	1.	INV_SLU	Combination	Max			0.	-14.844	-2.984E-17	15.8127	-5.343E-17
207	1.5	INV_SLU	Combination	Max			0.	-11.92	-2.984E-17	15.8127	-3.851E-17
207	2.	INV_SLU	Combination	Max			0.	-8.996	-2.984E-17	15.8127	-2.359E-17
207	2.5	INV_SLU	Combination	Max			0.	-6.072	-2.984E-17	15.8127	-8.674E-18
207	3.	INV_SLU	Combination	Max			0.	-3.148	-2.984E-17	15.8127	6.245E-18
207	3.5	INV_SLU	Combination	Max			0.	-0.224	-2.984E-17	15.8127	2.325E-17

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
207	4.	INV_SLU	Combination	Max			0.	2.7	-2.984E-17	15.8127	4.441E-17
207	4.5	INV_SLU	Combination	Max			0.	5.625	-2.984E-17	15.8127	6.557E-17
207	5.	INV_SLU	Combination	Max			0.	8.549	-2.984E-17	15.8127	8.674E-17
207	5.5	INV_SLU	Combination	Max			0.	11.473	-2.984E-17	15.8127	1.079E-16
207	6.	INV_SLU	Combination	Max			0.	14.397	-2.984E-17	15.8127	1.291E-16
207	0.	INV_SLU	Combination	Min			0.	-21.485	-4.233E-17	10.3799	-1.499E-16
207	0.5	INV_SLU	Combination	Min			0.	-18.561	-4.233E-17	10.3799	-1.287E-16
207	1.	INV_SLU	Combination	Min			0.	-15.637	-4.233E-17	10.3799	-1.076E-16
207	1.5	INV_SLU	Combination	Min			0.	-12.712	-4.233E-17	10.3799	-8.639E-17
207	2.	INV_SLU	Combination	Min			0.	-9.788	-4.233E-17	10.3799	-6.523E-17
207	2.5	INV_SLU	Combination	Min			0.	-6.864	-4.233E-17	10.3799	-5.031E-17
207	3.	INV_SLU	Combination	Min			0.	-3.94	-4.233E-17	10.3799	-3.539E-17
207	3.5	INV_SLU	Combination	Min			0.	-1.016	-4.233E-17	10.3799	-2.047E-17
207	4.	INV_SLU	Combination	Min			0.	1.908	-4.233E-17	10.3799	-5.551E-18
207	4.5	INV_SLU	Combination	Min			0.	4.832	-4.233E-17	10.3799	9.368E-18
207	5.	INV_SLU	Combination	Min			0.	7.757	-4.233E-17	10.3799	2.429E-17
207	5.5	INV_SLU	Combination	Min			0.	10.681	-4.233E-17	10.3799	3.920E-17
207	6.	INV_SLU	Combination	Min			0.	13.605	-4.233E-17	10.3799	5.412E-17
207	0.	INV_SLV	Combination	Max			0.	-2.159	8.144E-16	8.689	2.194E-15
207	0.5	INV_SLV	Combination	Max			0.	0.09	8.144E-16	8.689	1.811E-15
207	1.	INV_SLV	Combination	Max			0.	2.339	8.144E-16	8.689	1.432E-15
207	1.5	INV_SLV	Combination	Max			0.	4.589	8.144E-16	8.689	1.186E-15
207	2.	INV_SLV	Combination	Max			0.	6.838	8.144E-16	8.689	9.788E-16
207	2.5	INV_SLV	Combination	Max			0.	9.087	8.144E-16	8.689	8.605E-16
207	3.	INV_SLV	Combination	Max			0.	11.337	8.144E-16	8.689	8.015E-16
207	3.5	INV_SLV	Combination	Max			0.	13.586	8.144E-16	8.689	9.107E-16
207	4.	INV_SLV	Combination	Max			0.	15.835	8.144E-16	8.689	1.232E-15
207	4.5	INV_SLV	Combination	Max			0.	18.085	8.144E-16	8.689	1.590E-15
207	5.	INV_SLV	Combination	Max			0.	20.334	8.144E-16	8.689	1.970E-15
207	5.5	INV_SLV	Combination	Max			0.	22.583	8.144E-16	8.689	2.363E-15
207	6.	INV_SLV	Combination	Max			0.	24.833	8.144E-16	8.689	2.764E-15
207	0.	INV_SLV	Combination	Min			0.	-29.313	-8.283E-16	5.4843	-2.305E-15
207	0.5	INV_SLV	Combination	Min			0.	-27.064	-8.283E-16	5.4843	-1.916E-15
207	1.	INV_SLV	Combination	Min			0.	-24.815	-8.283E-16	5.4843	-1.529E-15
207	1.5	INV_SLV	Combination	Min			0.	-22.565	-8.283E-16	5.4843	-1.276E-15
207	2.	INV_SLV	Combination	Min			0.	-20.316	-8.283E-16	5.4843	-1.062E-15
207	2.5	INV_SLV	Combination	Min			0.	-18.067	-8.283E-16	5.4843	-9.368E-16
207	3.	INV_SLV	Combination	Min			0.	-15.817	-8.283E-16	5.4843	-8.709E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
207	3.5	INV_SLV	Combination	Min			0.	-13.568	-8.283E-16	5.4843	-9.732E-16
207	4.	INV_SLV	Combination	Min			0.	-11.319	-8.283E-16	5.4843	-1.287E-15
207	4.5	INV_SLV	Combination	Min			0.	-9.069	-8.283E-16	5.4843	-1.638E-15
207	5.	INV_SLV	Combination	Min			0.	-6.82	-8.283E-16	5.4843	-2.012E-15
207	5.5	INV_SLV	Combination	Min			0.	-4.571	-8.283E-16	5.4843	-2.398E-15
207	6.	INV_SLV	Combination	Min			0.	-2.321	-8.283E-16	5.4843	-2.792E-15
210	0.	INV_SLU	Combination	Max			0.	2.432	1.066E-14	-3.2553	5.329E-15
210	0.33333	INV_SLU	Combination	Max			0.	5.827	1.066E-14	-3.2553	5.331E-15
210	0.66667	INV_SLU	Combination	Max			0.	14.601	1.066E-14	-3.2553	1.065E-14
210	0.66667	INV_SLU	Combination	Max			0.	-3.737	-6.550E-16	-1.4287	2.254E-15
210	1.	INV_SLU	Combination	Max			0.	-1.788	-6.550E-16	-1.4287	2.472E-15
210	1.33333	INV_SLU	Combination	Max			0.	6.986	-6.550E-16	-1.4287	2.857E-15
210	1.33333	INV_SLU	Combination	Max			0.	1.68	-9.992E-17	-0.2011	0.
210	1.66667	INV_SLU	Combination	Max			0.	6.929	-9.992E-17	-0.2011	1.066E-15
210	2.	INV_SLU	Combination	Max			0.	15.703	-9.992E-17	-0.2011	6.217E-15
210	2.	INV_SLU	Combination	Max			0.	-4.538	2.881E-15	0.9665	2.096E-15
210	2.4	INV_SLU	Combination	Max			0.	-2.199	2.881E-15	0.9665	2.009E-15
210	2.8	INV_SLU	Combination	Max			0.	0.928	2.881E-15	0.9665	1.922E-15
210	3.2	INV_SLU	Combination	Max			0.	11.457	2.881E-15	0.9665	1.836E-15
210	3.6	INV_SLU	Combination	Max			0.	21.987	2.881E-15	0.9665	1.749E-15
210	3.6	INV_SLU	Combination	Max			0.	-10.222	1.716E-16	2.138	3.730E-16
210	4.06667	INV_SLU	Combination	Max			0.	-7.493	1.716E-16	2.138	2.929E-16
210	4.53333	INV_SLU	Combination	Max			0.	-4.764	1.716E-16	2.138	2.128E-16
210	5.	INV_SLU	Combination	Max			0.	-2.035	1.716E-16	2.138	1.328E-16
210	5.46667	INV_SLU	Combination	Max			0.	7.608	1.716E-16	2.138	5.271E-17
210	5.93333	INV_SLU	Combination	Max			0.	19.893	1.716E-16	2.138	-5.146E-18
210	6.4	INV_SLU	Combination	Max			0.	32.177	1.716E-16	2.138	-4.247E-17
210	0.	INV_SLU	Combination	Min			0.	-2.991	-1.596E-14	-5.1258	1.015E-17
210	0.33333	INV_SLU	Combination	Min			0.	4.309	-1.596E-14	-5.1258	1.776E-15
210	0.66667	INV_SLU	Combination	Min			0.	6.259	-1.596E-14	-5.1258	-1.776E-15
210	0.66667	INV_SLU	Combination	Min			0.	-10.995	-1.155E-15	-2.2389	2.087E-15
210	1.	INV_SLU	Combination	Min			0.	-2.508	-1.155E-15	-2.2389	2.472E-15
210	1.33333	INV_SLU	Combination	Min			0.	-0.558	-1.155E-15	-2.2389	2.690E-15
210	1.33333	INV_SLU	Combination	Min			0.	-2.82	-2.132E-14	-0.2638	-7.994E-15
210	1.66667	INV_SLU	Combination	Min			0.	2.005	-2.132E-14	-0.2638	-2.609E-15
210	2.	INV_SLU	Combination	Min			0.	3.955	-2.132E-14	-0.2638	-2.554E-15
210	2.	INV_SLU	Combination	Min			0.	-22.077	2.165E-16	0.475	1.404E-15
210	2.4	INV_SLU	Combination	Min			0.	-11.548	2.165E-16	0.475	2.520E-16

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
210	2.8	INV_SLU	Combination	Min			0.	-3.104	2.165E-16	0.475	-9.004E-16
210	3.2	INV_SLU	Combination	Min			0.	-0.765	2.165E-16	0.475	-2.053E-15
210	3.6	INV_SLU	Combination	Min			0.	1.574	2.165E-16	0.475	-3.205E-15
210	3.6	INV_SLU	Combination	Min			0.	-41.657	6.748E-17	1.4294	1.440E-16
210	4.06667	INV_SLU	Combination	Min			0.	-29.372	6.748E-17	1.4294	1.125E-16
210	4.53333	INV_SLU	Combination	Min			0.	-17.088	6.748E-17	1.4294	8.100E-17
210	5.	INV_SLU	Combination	Min			0.	-4.804	6.748E-17	1.4294	4.951E-17
210	5.46667	INV_SLU	Combination	Min			0.	0.481	6.748E-17	1.4294	1.802E-17
210	5.93333	INV_SLU	Combination	Min			0.	3.21	6.748E-17	1.4294	-4.123E-17
210	6.4	INV_SLU	Combination	Min			0.	5.939	6.748E-17	1.4294	-1.116E-16
210	0.	INV_SLV	Combination	Max			0.	13.2	2.930E-13	2.8574	6.232E-14
210	0.33333	INV_SLV	Combination	Max			0.	14.7	2.930E-13	2.8574	8.693E-14
210	0.66667	INV_SLV	Combination	Max			0.	16.2	2.930E-13	2.8574	1.843E-13
210	0.66667	INV_SLV	Combination	Max			0.	15.792	6.838E-14	2.0322	1.886E-14
210	1.	INV_SLV	Combination	Max			0.	17.292	6.838E-14	2.0322	1.917E-14
210	1.33333	INV_SLV	Combination	Max			0.	18.791	6.838E-14	2.0322	3.163E-14
210	1.33333	INV_SLV	Combination	Max			0.	60.66	1.526E-14	1.2047	1.093E-14
210	1.66667	INV_SLV	Combination	Max			0.	62.159	1.526E-14	1.2047	1.030E-14
210	2.	INV_SLV	Combination	Max			0.	63.659	1.526E-14	1.2047	1.193E-14
210	2.	INV_SLV	Combination	Max			0.	90.825	2.977E-15	2.0038	1.600E-15
210	2.4	INV_SLV	Combination	Max			0.	92.624	2.977E-15	2.0038	2.649E-15
210	2.8	INV_SLV	Combination	Max			0.	94.424	2.977E-15	2.0038	3.705E-15
210	3.2	INV_SLV	Combination	Max			0.	96.223	2.977E-15	2.0038	4.762E-15
210	3.6	INV_SLV	Combination	Max			0.	98.023	2.977E-15	2.0038	5.820E-15
210	3.6	INV_SLV	Combination	Max			0.	-2.101	1.907E-15	3.4351	4.186E-15
210	4.06667	INV_SLV	Combination	Max			0.	-1.543E-03	1.907E-15	3.4351	4.053E-15
210	4.53333	INV_SLV	Combination	Max			0.	2.098	1.907E-15	3.4351	3.948E-15
210	5.	INV_SLV	Combination	Max			0.	4.197	1.907E-15	3.4351	4.087E-15
210	5.46667	INV_SLV	Combination	Max			0.	6.297	1.907E-15	3.4351	4.292E-15
210	5.93333	INV_SLV	Combination	Max			0.	8.396	1.907E-15	3.4351	4.527E-15
210	6.4	INV_SLV	Combination	Max			0.	10.495	1.907E-15	3.4351	4.801E-15
210	0.	INV_SLV	Combination	Min			0.	-10.267	-3.072E-13	-7.6579	-6.232E-14
210	0.33333	INV_SLV	Combination	Min			0.	-8.768	-3.072E-13	-7.6579	-8.219E-14
210	0.66667	INV_SLV	Combination	Min			0.	-7.268	-3.072E-13	-7.6579	-1.749E-13
210	0.66667	INV_SLV	Combination	Min			0.	-21.828	-7.015E-14	-4.2077	-1.619E-14
210	1.	INV_SLV	Combination	Min			0.	-20.328	-7.015E-14	-4.2077	-1.591E-14
210	1.33333	INV_SLV	Combination	Min			0.	-18.829	-7.015E-14	-4.2077	-2.778E-14
210	1.33333	INV_SLV	Combination	Min			0.	-59.482	-1.526E-14	-1.4964	-1.449E-14

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	StepType	StepNum	StepLabel	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
210	1.66667	INV_SLV	Combination	Min			0.	-57.982	-1.526E-14	-1.4964	-1.385E-14
210	2.	INV_SLV	Combination	Min			0.	-56.483	-1.526E-14	-1.4964	-1.549E-14
210	2.	INV_SLV	Combination	Min			0.	-99.742	-2.644E-15	-1.302	2.869E-16
210	2.4	INV_SLV	Combination	Min			0.	-97.943	-2.644E-15	-1.302	-8.950E-16
210	2.8	INV_SLV	Combination	Min			0.	-96.143	-2.644E-15	-1.302	-2.084E-15
210	3.2	INV_SLV	Combination	Min			0.	-94.344	-2.644E-15	-1.302	-3.275E-15
210	3.6	INV_SLV	Combination	Min			0.	-92.544	-2.644E-15	-1.302	-4.465E-15
210	3.6	INV_SLV	Combination	Min			0.	-13.726	-1.709E-15	-1.334	-3.776E-15
210	4.06667	INV_SLV	Combination	Min			0.	-11.626	-1.709E-15	-1.334	-3.736E-15
210	4.53333	INV_SLV	Combination	Min			0.	-9.527	-1.709E-15	-1.334	-3.723E-15
210	5.	INV_SLV	Combination	Min			0.	-7.427	-1.709E-15	-1.334	-3.955E-15
210	5.46667	INV_SLV	Combination	Min			0.	-5.328	-1.709E-15	-1.334	-4.252E-15
210	5.93333	INV_SLV	Combination	Min			0.	-3.229	-1.709E-15	-1.334	-4.579E-15
210	6.4	INV_SLV	Combination	Min			0.	-1.129	-1.709E-15	-1.334	-4.945E-15

Table: Element Forces - Frames, Part 2 of 2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
1	0.	INV_SLU	Max			-20.2325	1-1	0.
1	1.75	INV_SLU	Max			9.837	1-1	1.75
1	3.5	INV_SLU	Max			45.689	1-1	3.5
1	0.	INV_SLU	Min			-22.4823	1-1	0.
1	1.75	INV_SLU	Min			8.1345	1-1	1.75
1	3.5	INV_SLU	Min			41.0437	1-1	3.5
1	0.	INV_SLV	Max			97.1016	1-1	0.
1	1.75	INV_SLV	Max			41.3554	1-1	1.75
1	3.5	INV_SLV	Max			73.0125	1-1	3.5
1	0.	INV_SLV	Min			-127.9317	1-1	0.
1	1.75	INV_SLV	Min			-28.1154	1-1	1.75
1	3.5	INV_SLV	Min			-15.7023	1-1	3.5
2	0.	INV_SLU	Max			-1.5416	2-1	0.
2	1.75	INV_SLU	Max			1.6269	2-1	1.75
2	3.5	INV_SLU	Max			17.4049	2-1	3.5
2	0.	INV_SLU	Min			-7.7502	2-1	0.
2	1.75	INV_SLU	Min			-1.2558	2-1	1.75

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
2	3.5	INV_SLU	Min			9.8505	2-1	3.5
2	0.	INV_SLV	Max			87.1586	2-1	0.
2	1.75	INV_SLV	Max			30.166	2-1	1.75
2	3.5	INV_SLV	Max			43.4322	2-1	3.5
2	0.	INV_SLV	Min			-97.9471	2-1	0.
2	1.75	INV_SLV	Min			-27.7892	2-1	1.75
2	3.5	INV_SLV	Min			-27.89	2-1	3.5
3	0.	INV_SLU	Max			-0.1014	3-1	0.
3	1.75	INV_SLU	Max			1.5495	3-1	1.75
3	3.5	INV_SLU	Max			16.3155	3-1	3.5
3	0.	INV_SLU	Min			-7.1953	3-1	0.
3	1.75	INV_SLU	Min			-1.0805	3-1	1.75
3	3.5	INV_SLU	Min			9.2843	3-1	3.5
3	0.	INV_SLV	Max			68.5363	3-1	0.
3	1.75	INV_SLV	Max			24.5436	3-1	1.75
3	3.5	INV_SLV	Max			34.8598	3-1	3.5
3	0.	INV_SLV	Min			-78.4328	3-1	0.
3	1.75	INV_SLV	Min			-22.1858	3-1	1.75
3	3.5	INV_SLV	Min			-20.2477	3-1	3.5
4	0.	INV_SLU	Max			1.101	4-1	0.
4	1.75	INV_SLU	Max			1.6219	4-1	1.75
4	3.5	INV_SLU	Max			15.7333	4-1	3.5
4	0.	INV_SLU	Min			-6.9238	4-1	0.
4	1.75	INV_SLU	Min			-0.7704	4-1	1.75
4	3.5	INV_SLU	Min			9.2821	4-1	3.5
4	0.	INV_SLV	Max			50.888	4-1	0.
4	1.75	INV_SLV	Max			19.3349	4-1	1.75
4	3.5	INV_SLV	Max			27.1671	4-1	3.5
4	0.	INV_SLV	Min			-60.2407	4-1	0.
4	1.75	INV_SLV	Min			-16.7991	4-1	1.75
4	3.5	INV_SLV	Min			-12.7428	4-1	3.5
5	0.	INV_SLU	Max			0.9596	5-1	0.
5	0.7	INV_SLU	Max			0.8647	5-1	0.7
5	0.7	INV_SLU	Max			1.4248	5-2	0.
5	1.4	INV_SLU	Max			-0.0871	5-2	0.7
5	1.4	INV_SLU	Max			0.6965	5-3	0.
5	1.75	INV_SLU	Max			-0.3785	5-3	0.35
5	2.1	INV_SLU	Max			-0.7184	5-3	0.7

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
5	2.1	INV_SLU	Max			0.4	5-4	0.
5	2.8	INV_SLU	Max			-1.7623	5-4	0.7
5	2.8	INV_SLU	Max			-0.4141	5-5	0.
5	3.5	INV_SLU	Max			-6.2735	5-5	0.7
5	0.	INV_SLU	Min			-5.508	5-1	0.
5	0.7	INV_SLU	Min			0.0711	5-1	0.7
5	0.7	INV_SLU	Min			0.2316	5-2	0.
5	1.4	INV_SLU	Min			-0.415	5-2	0.7
5	1.4	INV_SLU	Min			-0.1726	5-3	0.
5	1.75	INV_SLU	Min			-0.6995	5-3	0.35
5	2.1	INV_SLU	Min			-1.2265	5-3	0.7
5	2.1	INV_SLU	Min			-0.4139	5-4	0.
5	2.8	INV_SLU	Min			-2.3862	5-4	0.7
5	2.8	INV_SLU	Min			-1.0908	5-5	0.
5	3.5	INV_SLU	Min			-8.3398	5-5	0.7
5	0.	INV_SLV	Max			68.646	5-1	0.
5	0.7	INV_SLV	Max			12.3498	5-1	0.7
5	0.7	INV_SLV	Max			17.9696	5-2	0.
5	1.4	INV_SLV	Max			5.754	5-2	0.7
5	1.4	INV_SLV	Max			13.2744	5-3	0.
5	1.75	INV_SLV	Max			8.4878	5-3	0.35
5	2.1	INV_SLV	Max			4.171	5-3	0.7
5	2.1	INV_SLV	Max			11.4439	5-4	0.
5	2.8	INV_SLV	Max			1.4175	5-4	0.7
5	2.8	INV_SLV	Max			6.6814	5-5	0.
5	3.5	INV_SLV	Max			2.9286	5-5	0.7
5	0.	INV_SLV	Min			-74.9576	5-1	0.
5	0.7	INV_SLV	Min			-12.1024	5-1	0.7
5	0.7	INV_SLV	Min			-17.5614	5-2	0.
5	1.4	INV_SLV	Min			-6.0272	5-2	0.7
5	1.4	INV_SLV	Min			-13.364	5-3	0.
5	1.75	INV_SLV	Min			-9.1085	5-3	0.35
5	2.1	INV_SLV	Min			-5.3229	5-3	0.7
5	2.1	INV_SLV	Min			-11.8132	5-4	0.
5	2.8	INV_SLV	Min			-3.6861	5-4	0.7
5	2.8	INV_SLV	Min			-7.7373	5-5	0.
5	3.5	INV_SLV	Min			-11.4539	5-5	0.7
6	0.	INV_SLU	Max			2.5931	6-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
6	0.7	INV_SLU	Max			1.2975	6-1	0.7
6	0.7	INV_SLU	Max			1.9302	6-2	0.
6	1.4	INV_SLU	Max			0.1857	6-2	0.7
6	1.4	INV_SLU	Max			1.1106	6-3	0.
6	1.75	INV_SLU	Max			-0.0154	6-3	0.35
6	2.1	INV_SLU	Max			-0.4063	6-3	0.7
6	2.1	INV_SLU	Max			0.7798	6-4	0.
6	2.8	INV_SLU	Max			-1.5461	6-4	0.7
6	2.8	INV_SLU	Max			-0.1995	6-5	0.
6	3.5	INV_SLU	Max			-5.8682	6-5	0.7
6	0.	INV_SLU	Min			-4.8945	6-1	0.
6	0.7	INV_SLU	Min			0.1075	6-1	0.7
6	0.7	INV_SLU	Min			0.244	6-2	0.
6	1.4	INV_SLU	Min			-0.3902	6-2	0.7
6	1.4	INV_SLU	Min			-0.132	6-3	0.
6	1.75	INV_SLU	Min			-0.5904	6-3	0.35
6	2.1	INV_SLU	Min			-1.0487	6-3	0.7
6	2.1	INV_SLU	Min			-0.3445	6-4	0.
6	2.8	INV_SLU	Min			-2.1611	6-4	0.7
6	2.8	INV_SLU	Min			-0.9677	6-5	0.
6	3.5	INV_SLU	Min			-8.3086	6-5	0.7
6	0.	INV_SLV	Max			58.8164	6-1	0.
6	0.7	INV_SLV	Max			13.102	6-1	0.7
6	0.7	INV_SLV	Max			17.743	6-2	0.
6	1.4	INV_SLV	Max			6.4678	6-2	0.7
6	1.4	INV_SLV	Max			13.763	6-3	0.
6	1.75	INV_SLV	Max			9.4454	6-3	0.35
6	2.1	INV_SLV	Max			5.1695	6-3	0.7
6	2.1	INV_SLV	Max			12.1067	6-4	0.
6	2.8	INV_SLV	Max			0.7998	6-4	0.7
6	2.8	INV_SLV	Max			6.8769	6-5	0.
6	3.5	INV_SLV	Max			3.6015	6-5	0.7
6	0.	INV_SLV	Min			-63.9739	6-1	0.
6	0.7	INV_SLV	Min			-12.8028	6-1	0.7
6	0.7	INV_SLV	Min			-17.2314	6-2	0.
6	1.4	INV_SLV	Min			-6.7298	6-2	0.7
6	1.4	INV_SLV	Min			-13.7597	6-3	0.
6	1.75	INV_SLV	Min			-9.9289	6-3	0.35

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
6	2.1	INV_SLV	Min			-6.1398	6-3	0.7
6	2.1	INV_SLV	Min			-12.3363	6-4	0.
6	2.8	INV_SLV	Min			-2.8476	6-4	0.7
6	2.8	INV_SLV	Min			-7.7578	6-5	0.
6	3.5	INV_SLV	Min			-11.7288	6-5	0.7
7	0.	INV_SLU	Max			-2.3023	7-1	0.
7	1.75	INV_SLU	Max			-0.9606	7-1	1.75
7	3.5	INV_SLU	Max			1.6168	7-1	3.5
7	0.	INV_SLU	Min			-4.4854	7-1	0.
7	1.75	INV_SLU	Min			-1.4343	7-1	1.75
7	3.5	INV_SLU	Min			0.3811	7-1	3.5
7	0.	INV_SLV	Max			123.3543	7-1	0.
7	1.75	INV_SLV	Max			26.4674	7-1	1.75
7	3.5	INV_SLV	Max			72.6916	7-1	3.5
7	0.	INV_SLV	Min			-128.0595	7-1	0.
7	1.75	INV_SLV	Min			-28.0214	7-1	1.75
7	3.5	INV_SLV	Min			-71.0945	7-1	3.5
8	0.	INV_SLU	Max			-2.1602	8-1	0.
8	1.75	INV_SLU	Max			-0.8854	8-1	1.75
8	3.5	INV_SLU	Max			1.0418	8-1	3.5
8	0.	INV_SLU	Min			-3.4947	8-1	0.
8	1.75	INV_SLU	Min			-1.2264	8-1	1.75
8	3.5	INV_SLU	Min			0.3893	8-1	3.5
8	0.	INV_SLV	Max			101.4708	8-1	0.
8	1.75	INV_SLV	Max			22.0446	8-1	1.75
8	3.5	INV_SLV	Max			59.2743	8-1	3.5
8	0.	INV_SLV	Min			-105.6078	8-1	0.
8	1.75	INV_SLV	Min			-23.4345	8-1	1.75
8	3.5	INV_SLV	Min			-57.917	8-1	3.5
9	0.	INV_SLU	Max			-1.4577	9-1	0.
9	1.75	INV_SLU	Max			-0.7183	9-1	1.75
9	3.5	INV_SLU	Max			0.744	9-1	3.5
9	0.	INV_SLU	Min			-2.8643	9-1	0.
9	1.75	INV_SLU	Min			-1.0601	9-1	1.75
9	3.5	INV_SLU	Min			0.0211	9-1	3.5
9	0.	INV_SLV	Max			80.525	9-1	0.
9	1.75	INV_SLV	Max			17.7426	9-1	1.75
9	3.5	INV_SLV	Max			46.5538	9-1	3.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
9	0.	INV_SLV	Min			-84.0964	9-1	0.
9	1.75	INV_SLV	Min			-18.9666	9-1	1.75
9	3.5	INV_SLV	Min			-45.4305	9-1	3.5
10	0.	INV_SLU	Max			-0.2161	10-1	0.
10	1.75	INV_SLU	Max			-0.4305	10-1	1.75
10	3.5	INV_SLU	Max			0.7641	10-1	3.5
10	0.	INV_SLU	Min			-2.6227	10-1	0.
10	1.75	INV_SLU	Min			-0.9293	10-1	1.75
10	3.5	INV_SLU	Min			-0.6448	10-1	3.5
10	0.	INV_SLV	Max			60.8404	10-1	0.
10	1.75	INV_SLV	Max			13.6907	10-1	1.75
10	3.5	INV_SLV	Max			34.7022	10-1	3.5
10	0.	INV_SLV	Min			-63.8979	10-1	0.
10	1.75	INV_SLV	Min			-14.7198	10-1	1.75
10	3.5	INV_SLV	Min			-33.7028	10-1	3.5
11	0.	INV_SLU	Max			-5.5324	11-1	0.
11	1.75	INV_SLU	Max			4.281	11-1	1.75
11	3.5	INV_SLU	Max			19.1335	11-1	3.5
11	0.	INV_SLU	Min			-10.9855	11-1	0.
11	1.75	INV_SLU	Min			3.226	11-1	1.75
11	3.5	INV_SLU	Min			12.6745	11-1	3.5
11	0.	INV_SLV	Max			43.6699	11-1	0.
11	1.75	INV_SLV	Max			9.6217	11-1	1.75
11	3.5	INV_SLV	Max			46.0988	11-1	3.5
11	0.	INV_SLV	Min			-55.8841	11-1	0.
11	1.75	INV_SLV	Min			-4.9794	11-1	1.75
11	3.5	INV_SLV	Min			-24.6001	11-1	3.5
12	0.	INV_SLU	Max			-3.8436	12-1	0.
12	1.75	INV_SLU	Max			4.2752	12-1	1.75
12	3.5	INV_SLU	Max			18.3843	12-1	3.5
12	0.	INV_SLU	Min			-10.3831	12-1	0.
12	1.75	INV_SLU	Min			3.148	12-1	1.75
12	3.5	INV_SLU	Min			11.0549	12-1	3.5
12	0.	INV_SLV	Max			42.1442	12-1	0.
12	1.75	INV_SLV	Max			8.7685	12-1	1.75
12	3.5	INV_SLV	Max			45.1363	12-1	3.5
12	0.	INV_SLV	Min			-53.4268	12-1	0.
12	1.75	INV_SLV	Min			-4.1678	12-1	1.75

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
12	3.5	INV_SLV	Min			-24.6521	12-1	3.5
13	0.	INV_SLU	Max			-91.9274	13-1	0.
13	0.4875	INV_SLU	Max			-55.883	13-1	0.4875
13	0.975	INV_SLU	Max			-24.7934	13-1	0.975
13	1.4625	INV_SLU	Max			1.3416	13-1	1.4625
13	1.95	INV_SLU	Max			22.5218	13-1	1.95
13	2.4375	INV_SLU	Max			38.7473	13-1	2.4375
13	2.925	INV_SLU	Max			50.0181	13-1	2.925
13	3.4125	INV_SLU	Max			56.3341	13-1	3.4125
13	3.9	INV_SLU	Max			57.7383	13-1	3.9
13	4.3875	INV_SLU	Max			54.4193	13-1	4.3875
13	4.875	INV_SLU	Max			46.1669	13-1	4.875
13	5.3625	INV_SLU	Max			32.9598	13-1	5.3625
13	5.85	INV_SLU	Max			14.798	13-1	5.85
13	6.3375	INV_SLU	Max			-8.3186	13-1	6.3375
13	6.825	INV_SLU	Max			-36.3898	13-1	6.825
13	7.3125	INV_SLU	Max			-69.4158	13-1	7.3125
13	7.8	INV_SLU	Max			-107.3965	13-1	7.8
13	0.	INV_SLU	Min			-94.2718	13-1	0.
13	0.4875	INV_SLU	Min			-57.9317	13-1	0.4875
13	0.975	INV_SLU	Min			-26.5463	13-1	0.975
13	1.4625	INV_SLU	Min			-0.1156	13-1	1.4625
13	1.95	INV_SLU	Min			21.3603	13-1	1.95
13	2.4375	INV_SLU	Min			37.8816	13-1	2.4375
13	2.925	INV_SLU	Min			49.4481	13-1	2.925
13	3.4125	INV_SLU	Min			56.0599	13-1	3.4125
13	3.9	INV_SLU	Min			57.6912	13-1	3.9
13	4.3875	INV_SLU	Min			54.102	13-1	4.3875
13	4.875	INV_SLU	Min			45.5539	13-1	4.875
13	5.3625	INV_SLU	Min			32.0511	13-1	5.3625
13	5.85	INV_SLU	Min			13.5935	13-1	5.85
13	6.3375	INV_SLU	Min			-9.8188	13-1	6.3375
13	6.825	INV_SLU	Min			-38.1858	13-1	6.825
13	7.3125	INV_SLU	Min			-71.5075	13-1	7.3125
13	7.8	INV_SLU	Min			-109.784	13-1	7.8
13	0.	INV_SLV	Max			20.6958	13-1	0.
13	0.4875	INV_SLV	Max			35.5981	13-1	0.4875
13	0.975	INV_SLV	Max			47.0548	13-1	0.975

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
13	1.4625	INV_SLV	Max			55.0657	13-1	1.4625
13	1.95	INV_SLV	Max			59.631	13-1	1.95
13	2.4375	INV_SLV	Max			60.7505	13-1	2.4375
13	2.925	INV_SLV	Max			58.4244	13-1	2.925
13	3.4125	INV_SLV	Max			52.6528	13-1	3.4125
13	3.9	INV_SLV	Max			43.4366	13-1	3.9
13	4.3875	INV_SLV	Max			44.4795	13-1	4.3875
13	4.875	INV_SLV	Max			48.8	13-1	4.875
13	5.3625	INV_SLV	Max			49.6752	13-1	5.3625
13	5.85	INV_SLV	Max			47.1048	13-1	5.85
13	6.3375	INV_SLV	Max			41.0887	13-1	6.3375
13	6.825	INV_SLV	Max			31.627	13-1	6.825
13	7.3125	INV_SLV	Max			18.7195	13-1	7.3125
13	7.8	INV_SLV	Max			2.3663	13-1	7.8
13	0.	INV_SLV	Min			-149.4673	13-1	0.
13	0.4875	INV_SLV	Min			-114.135	13-1	0.4875
13	0.975	INV_SLV	Min			-82.2483	13-1	0.975
13	1.4625	INV_SLV	Min			-53.8074	13-1	1.4625
13	1.95	INV_SLV	Min			-28.8122	13-1	1.95
13	2.4375	INV_SLV	Min			-7.2627	13-1	2.4375
13	2.925	INV_SLV	Min			10.8411	13-1	2.925
13	3.4125	INV_SLV	Min			25.499	13-1	3.4125
13	3.9	INV_SLV	Min			36.7101	13-1	3.9
13	4.3875	INV_SLV	Min			30.7706	13-1	4.3875
13	4.875	INV_SLV	Min			14.6621	13-1	4.875
13	5.3625	INV_SLV	Min			-4.8924	13-1	5.3625
13	5.85	INV_SLV	Min			-27.8927	13-1	5.85
13	6.3375	INV_SLV	Min			-54.3388	13-1	6.3375
13	6.825	INV_SLV	Min			-84.2305	13-1	6.825
13	7.3125	INV_SLV	Min			-117.568	13-1	7.3125
13	7.8	INV_SLV	Min			-154.3511	13-1	7.8
14	0.	INV_SLU	Max			-31.7215	14-1	0.
14	0.4875	INV_SLU	Max			-20.8821	14-1	0.4875
14	0.975	INV_SLU	Max			-11.4325	14-1	0.975
14	1.4625	INV_SLU	Max			-3.3728	14-1	1.4625
14	1.95	INV_SLU	Max			3.297	14-1	1.95
14	2.4375	INV_SLU	Max			8.5769	14-1	2.4375
14	2.925	INV_SLU	Max			12.4669	14-1	2.925

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
14	3.4125	INV_SLU	Max			14.9671	14-1	3.4125
14	3.9	INV_SLU	Max			16.0774	14-1	3.9
14	4.3875	INV_SLU	Max			16.2196	14-1	4.3875
14	4.875	INV_SLU	Max			14.9795	14-1	4.875
14	5.3625	INV_SLU	Max			12.3495	14-1	5.3625
14	5.85	INV_SLU	Max			8.3297	14-1	5.85
14	6.3375	INV_SLU	Max			2.92	14-1	6.3375
14	6.825	INV_SLU	Max			-3.8796	14-1	6.825
14	7.3125	INV_SLU	Max			-12.0691	14-1	7.3125
14	7.8	INV_SLU	Max			-21.6484	14-1	7.8
14	0.	INV_SLU	Min			-35.3038	14-1	0.
14	0.4875	INV_SLU	Min			-24.0269	14-1	0.4875
14	0.975	INV_SLU	Min			-14.1398	14-1	0.975
14	1.4625	INV_SLU	Min			-5.6427	14-1	1.4625
14	1.95	INV_SLU	Min			1.4646	14-1	1.95
14	2.4375	INV_SLU	Min			7.182	14-1	2.4375
14	2.925	INV_SLU	Min			11.5096	14-1	2.925
14	3.4125	INV_SLU	Min			14.4472	14-1	3.4125
14	3.9	INV_SLU	Min			15.9527	14-1	3.9
14	4.3875	INV_SLU	Min			15.6866	14-1	4.3875
14	4.875	INV_SLU	Min			14.0306	14-1	4.875
14	5.3625	INV_SLU	Min			10.9848	14-1	5.3625
14	5.85	INV_SLU	Min			6.5491	14-1	5.85
14	6.3375	INV_SLU	Min			0.7235	14-1	6.3375
14	6.825	INV_SLU	Min			-6.492	14-1	6.825
14	7.3125	INV_SLU	Min			-15.0974	14-1	7.3125
14	7.8	INV_SLU	Min			-25.0926	14-1	7.8
14	0.	INV_SLV	Max			46.6145	14-1	0.
14	0.4875	INV_SLV	Max			46.4108	14-1	0.4875
14	0.975	INV_SLV	Max			45.1379	14-1	0.975
14	1.4625	INV_SLV	Max			42.7958	14-1	1.4625
14	1.95	INV_SLV	Max			39.3846	14-1	1.95
14	2.4375	INV_SLV	Max			34.9043	14-1	2.4375
14	2.925	INV_SLV	Max			29.3549	14-1	2.925
14	3.4125	INV_SLV	Max			22.7365	14-1	3.4125
14	3.9	INV_SLV	Max			15.0499	14-1	3.9
14	4.3875	INV_SLV	Max			17.7245	14-1	4.3875
14	4.875	INV_SLV	Max			24.9287	14-1	4.875

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
14	5.3625	INV_SLV	Max			31.0641	14-1	5.3625
14	5.85	INV_SLV	Max			36.1304	14-1	5.85
14	6.3375	INV_SLV	Max			40.1276	14-1	6.3375
14	6.825	INV_SLV	Max			43.0557	14-1	6.825
14	7.3125	INV_SLV	Max			44.9146	14-1	7.3125
14	7.8	INV_SLV	Max			45.7044	14-1	7.8
14	0.	INV_SLV	Min			-95.2291	14-1	0.
14	0.4875	INV_SLV	Min			-78.4023	14-1	0.4875
14	0.975	INV_SLV	Min			-62.6446	14-1	0.975
14	1.4625	INV_SLV	Min			-47.956	14-1	1.4625
14	1.95	INV_SLV	Min			-34.3365	14-1	1.95
14	2.4375	INV_SLV	Min			-21.7862	14-1	2.4375
14	2.925	INV_SLV	Min			-10.3051	14-1	2.925
14	3.4125	INV_SLV	Min			0.1068	14-1	3.4125
14	3.9	INV_SLV	Min			9.4486	14-1	3.9
14	4.3875	INV_SLV	Min			6.2908	14-1	4.3875
14	4.875	INV_SLV	Min			-3.5348	14-1	4.875
14	5.3625	INV_SLV	Min			-14.4298	14-1	5.3625
14	5.85	INV_SLV	Min			-26.3941	14-1	5.85
14	6.3375	INV_SLV	Min			-39.4275	14-1	6.3375
14	6.825	INV_SLV	Min			-53.53	14-1	6.825
14	7.3125	INV_SLV	Min			-68.7017	14-1	7.3125
14	7.8	INV_SLV	Min			-84.9425	14-1	7.8
15	0.	INV_SLU	Max			-30.9362	15-1	0.
15	0.4875	INV_SLU	Max			-20.1999	15-1	0.4875
15	0.975	INV_SLU	Max			-10.8536	15-1	0.975
15	1.4625	INV_SLU	Max			-2.8971	15-1	1.4625
15	1.95	INV_SLU	Max			3.6695	15-1	1.95
15	2.4375	INV_SLU	Max			8.8462	15-1	2.4375
15	2.925	INV_SLU	Max			12.633	15-1	2.925
15	3.4125	INV_SLU	Max			15.03	15-1	3.4125
15	3.9	INV_SLU	Max			16.0371	15-1	3.9
15	4.3875	INV_SLU	Max			16.0625	15-1	4.3875
15	4.875	INV_SLU	Max			14.7301	15-1	4.875
15	5.3625	INV_SLU	Max			12.0474	15-1	5.3625
15	5.85	INV_SLU	Max			7.9748	15-1	5.85
15	6.3375	INV_SLU	Max			2.5123	15-1	6.3375
15	6.825	INV_SLU	Max			-4.34	15-1	6.825

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
15	7.3125	INV_SLU	Max			-12.5823	15-1	7.3125
15	7.8	INV_SLU	Max			-22.2144	15-1	7.8
15	0.	INV_SLU	Min			-34.886	15-1	0.
15	0.4875	INV_SLU	Min			-23.67	15-1	0.4875
15	0.975	INV_SLU	Min			-13.8438	15-1	0.975
15	1.4625	INV_SLU	Min			-5.4075	15-1	1.4625
15	1.95	INV_SLU	Min			1.639	15-1	1.95
15	2.4375	INV_SLU	Min			7.2955	15-1	2.4375
15	2.925	INV_SLU	Min			11.5622	15-1	2.925
15	3.4125	INV_SLU	Min			14.439	15-1	3.4125
15	3.9	INV_SLU	Min			15.884	15-1	3.9
15	4.3875	INV_SLU	Min			15.5883	15-1	4.3875
15	4.875	INV_SLU	Min			13.8816	15-1	4.875
15	5.3625	INV_SLU	Min			10.7191	15-1	5.3625
15	5.85	INV_SLU	Min			6.1666	15-1	5.85
15	6.3375	INV_SLU	Min			0.2243	15-1	6.3375
15	6.825	INV_SLU	Min			-7.1079	15-1	6.825
15	7.3125	INV_SLU	Min			-15.8299	15-1	7.3125
15	7.8	INV_SLU	Min			-25.9419	15-1	7.8
15	0.	INV_SLV	Max			33.1413	15-1	0.
15	0.4875	INV_SLV	Max			34.5476	15-1	0.4875
15	0.975	INV_SLV	Max			34.8848	15-1	0.975
15	1.4625	INV_SLV	Max			34.1528	15-1	1.4625
15	1.95	INV_SLV	Max			32.3517	15-1	1.95
15	2.4375	INV_SLV	Max			29.4815	15-1	2.4375
15	2.925	INV_SLV	Max			25.5422	15-1	2.925
15	3.4125	INV_SLV	Max			20.5338	15-1	3.4125
15	3.9	INV_SLV	Max			14.4569	15-1	3.9
15	4.3875	INV_SLV	Max			16.5589	15-1	4.3875
15	4.875	INV_SLV	Max			22.0883	15-1	4.875
15	5.3625	INV_SLV	Max			26.5488	15-1	5.3625
15	5.85	INV_SLV	Max			29.9402	15-1	5.85
15	6.3375	INV_SLV	Max			32.2625	15-1	6.3375
15	6.825	INV_SLV	Max			33.5157	15-1	6.825
15	7.3125	INV_SLV	Max			33.6997	15-1	7.3125
15	7.8	INV_SLV	Max			32.8146	15-1	7.8
15	0.	INV_SLV	Min			-81.3202	15-1	0.
15	0.4875	INV_SLV	Min			-66.1682	15-1	0.4875

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
15	0.975	INV_SLV	Min			-52.0854	15-1	0.975
15	1.4625	INV_SLV	Min			-39.0718	15-1	1.4625
15	1.95	INV_SLV	Min			-27.1273	15-1	1.95
15	2.4375	INV_SLV	Min			-16.2519	15-1	2.4375
15	2.925	INV_SLV	Min			-6.4457	15-1	2.925
15	3.4125	INV_SLV	Min			2.2914	15-1	3.4125
15	3.9	INV_SLV	Min			9.9586	15-1	3.9
15	4.3875	INV_SLV	Min			7.3086	15-1	4.3875
15	4.875	INV_SLV	Min			-0.907	15-1	4.875
15	5.3625	INV_SLV	Min			-10.192	15-1	5.3625
15	5.85	INV_SLV	Min			-20.5461	15-1	5.85
15	6.3375	INV_SLV	Min			-31.9694	15-1	6.3375
15	6.825	INV_SLV	Min			-44.4619	15-1	6.825
15	7.3125	INV_SLV	Min			-58.0235	15-1	7.3125
15	7.8	INV_SLV	Min			-72.6542	15-1	7.8
16	0.	INV_SLU	Max			-30.1183	16-1	0.
16	0.4875	INV_SLU	Max			-19.483	16-1	0.4875
16	0.975	INV_SLU	Max			-10.2377	16-1	0.975
16	1.4625	INV_SLU	Max			-2.3822	16-1	1.4625
16	1.95	INV_SLU	Max			4.0834	16-1	1.95
16	2.4375	INV_SLU	Max			9.1592	16-1	2.4375
16	2.925	INV_SLU	Max			12.845	16-1	2.925
16	3.4125	INV_SLU	Max			15.141	16-1	3.4125
16	3.9	INV_SLU	Max			16.047	16-1	3.9
16	4.3875	INV_SLU	Max			15.9814	16-1	4.3875
16	4.875	INV_SLU	Max			14.6351	16-1	4.875
16	5.3625	INV_SLU	Max			11.9087	16-1	5.3625
16	5.85	INV_SLU	Max			7.7924	16-1	5.85
16	6.3375	INV_SLU	Max			2.2863	16-1	6.3375
16	6.825	INV_SLU	Max			-4.6098	16-1	6.825
16	7.3125	INV_SLU	Max			-12.8957	16-1	7.3125
16	7.8	INV_SLU	Max			-22.5715	16-1	7.8
16	0.	INV_SLU	Min			-34.5442	16-1	0.
16	0.4875	INV_SLU	Min			-23.3718	16-1	0.4875
16	0.975	INV_SLU	Min			-13.5893	16-1	0.975
16	1.4625	INV_SLU	Min			-5.1967	16-1	1.4625
16	1.95	INV_SLU	Min			1.8061	16-1	1.95
16	2.4375	INV_SLU	Min			7.419	16-1	2.4375

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
16	2.925	INV_SLU	Min			11.6419	16-1	2.925
16	3.4125	INV_SLU	Min			14.4751	16-1	3.4125
16	3.9	INV_SLU	Min			15.8734	16-1	3.9
16	4.3875	INV_SLU	Min			15.547	16-1	4.3875
16	4.875	INV_SLU	Min			13.6896	16-1	4.875
16	5.3625	INV_SLU	Min			10.426	16-1	5.3625
16	5.85	INV_SLU	Min			5.7726	16-1	5.85
16	6.3375	INV_SLU	Min			-0.2707	16-1	6.3375
16	6.825	INV_SLU	Min			-7.7039	16-1	6.825
16	7.3125	INV_SLU	Min			-16.5269	16-1	7.3125
16	7.8	INV_SLU	Min			-26.7399	16-1	7.8
16	0.	INV_SLV	Max			20.3484	16-1	0.
16	0.4875	INV_SLV	Max			23.2889	16-1	0.4875
16	0.975	INV_SLV	Max			25.1603	16-1	0.975
16	1.4625	INV_SLV	Max			25.9626	16-1	1.4625
16	1.95	INV_SLV	Max			25.6957	16-1	1.95
16	2.4375	INV_SLV	Max			24.3597	16-1	2.4375
16	2.925	INV_SLV	Max			21.9546	16-1	2.925
16	3.4125	INV_SLV	Max			18.4804	16-1	3.4125
16	3.9	INV_SLV	Max			13.9373	16-1	3.9
16	4.3875	INV_SLV	Max			15.4702	16-1	4.3875
16	4.875	INV_SLV	Max			19.3998	16-1	4.875
16	5.3625	INV_SLV	Max			22.2604	16-1	5.3625
16	5.85	INV_SLV	Max			24.0518	16-1	5.85
16	6.3375	INV_SLV	Max			24.7742	16-1	6.3375
16	6.825	INV_SLV	Max			24.4273	16-1	6.825
16	7.3125	INV_SLV	Max			23.0114	16-1	7.3125
16	7.8	INV_SLV	Max			20.5263	16-1	7.8
16	0.	INV_SLV	Min			-68.009	16-1	0.
16	0.4875	INV_SLV	Min			-54.457	16-1	0.4875
16	0.975	INV_SLV	Min			-41.9742	16-1	0.975
16	1.4625	INV_SLV	Min			-30.5604	16-1	1.4625
16	1.95	INV_SLV	Min			-20.2159	16-1	1.95
16	2.4375	INV_SLV	Min			-10.9405	16-1	2.4375
16	2.925	INV_SLV	Min			-2.7342	16-1	2.925
16	3.4125	INV_SLV	Min			4.4029	16-1	3.4125
16	3.9	INV_SLV	Min			10.4705	16-1	3.9
16	4.3875	INV_SLV	Min			8.324	16-1	4.3875

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
16	4.875	INV_SLV	Min			1.6424	16-1	4.875
16	5.3625	INV_SLV	Min			-6.1084	16-1	5.3625
16	5.85	INV_SLV	Min			-14.9283	16-1	5.85
16	6.3375	INV_SLV	Min			-24.8174	16-1	6.3375
16	6.825	INV_SLV	Min			-35.7757	16-1	6.825
16	7.3125	INV_SLV	Min			-47.803	16-1	7.3125
16	7.8	INV_SLV	Min			-60.8996	16-1	7.8
17	0.	INV_SLU	Max			9.0053	17-1	0.
17	0.36667	INV_SLU	Max			1.8291	17-1	0.36667
17	0.73333	INV_SLU	Max			-4.5015	17-1	0.73333
17	0.73333	INV_SLU	Max			-2.7183	17-2	0.
17	1.1	INV_SLU	Max			-2.181	17-2	0.36667
17	1.46667	INV_SLU	Max			-2.0302	17-2	0.73333
17	1.46667	INV_SLU	Max			-0.2879	17-3	0.
17	1.83333	INV_SLU	Max			-0.6431	17-3	0.36667
17	2.2	INV_SLU	Max			-1.1446	17-3	0.73333
17	2.2	INV_SLU	Max			-0.2066	17-4	0.
17	2.53333	INV_SLU	Max			-0.0746	17-4	0.33333
17	2.86667	INV_SLU	Max			-0.007	17-4	0.66667
17	2.86667	INV_SLU	Max			0.1104	17-5	0.
17	3.2	INV_SLU	Max			-0.3465	17-5	0.33333
17	3.53333	INV_SLU	Max			-1.2555	17-5	0.66667
17	3.53333	INV_SLU	Max			-5.6404	17-6	0.
17	3.86667	INV_SLU	Max			-11.2571	17-6	0.33333
17	4.2	INV_SLU	Max			-17.5236	17-6	0.66667
17	4.2	INV_SLU	Max			-37.5643	17-7	0.
17	4.65	INV_SLU	Max			-26.001	17-7	0.45
17	5.1	INV_SLU	Max			-15.622	17-7	0.9
17	5.55	INV_SLU	Max			-6.4273	17-7	1.35
17	6.	INV_SLU	Max			1.5831	17-7	1.8
17	6.45	INV_SLU	Max			13.483	17-7	2.25
17	6.9	INV_SLU	Max			24.3969	17-7	2.7
17	7.35	INV_SLU	Max			34.1265	17-7	3.15
17	7.8	INV_SLU	Max			42.6718	17-7	3.6
17	0.	INV_SLU	Min			6.0953	17-1	0.
17	0.36667	INV_SLU	Min			1.1621	17-1	0.36667
17	0.73333	INV_SLU	Min			-6.1669	17-1	0.73333
17	0.73333	INV_SLU	Min			-4.6931	17-2	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
17	1.1	INV_SLU	Min			-3.3258	17-2	0.36667
17	1.46667	INV_SLU	Min			-2.9845	17-2	0.73333
17	1.46667	INV_SLU	Min			-1.2097	17-3	0.
17	1.83333	INV_SLU	Min			-1.0888	17-3	0.36667
17	2.2	INV_SLU	Min			-2.3787	17-3	0.73333
17	2.2	INV_SLU	Min			-1.097	17-4	0.
17	2.53333	INV_SLU	Min			-0.2417	17-4	0.33333
17	2.86667	INV_SLU	Min			-0.5924	17-4	0.66667
17	2.86667	INV_SLU	Min			-0.1236	17-5	0.
17	3.2	INV_SLU	Min			-0.7145	17-5	0.33333
17	3.53333	INV_SLU	Min			-2.0738	17-5	0.66667
17	3.53333	INV_SLU	Min			-8.7141	17-6	0.
17	3.86667	INV_SLU	Min			-17.2103	17-6	0.33333
17	4.2	INV_SLU	Min			-26.3564	17-6	0.66667
17	4.2	INV_SLU	Min			-58.8504	17-7	0.
17	4.65	INV_SLU	Min			-42.0152	17-7	0.45
17	5.1	INV_SLU	Min			-26.3642	17-7	0.9
17	5.55	INV_SLU	Min			-11.8975	17-7	1.35
17	6.	INV_SLU	Min			1.3849	17-7	1.8
17	6.45	INV_SLU	Min			8.4093	17-7	2.25
17	6.9	INV_SLU	Min			14.0512	17-7	2.7
17	7.35	INV_SLU	Min			18.5088	17-7	3.15
17	7.8	INV_SLU	Min			21.7821	17-7	3.6
17	0.	INV_SLV	Max			21.0804	17-1	0.
17	0.36667	INV_SLV	Max			9.947	17-1	0.36667
17	0.73333	INV_SLV	Max			-1.3259	17-1	0.73333
17	0.73333	INV_SLV	Max			11.9896	17-2	0.
17	1.1	INV_SLV	Max			2.38	17-2	0.36667
17	1.46667	INV_SLV	Max			5.367	17-2	0.73333
17	1.46667	INV_SLV	Max			11.7458	17-3	0.
17	1.83333	INV_SLV	Max			5.1701	17-3	0.36667
17	2.2	INV_SLV	Max			20.3787	17-3	0.73333
17	2.2	INV_SLV	Max			20.7736	17-4	0.
17	2.53333	INV_SLV	Max			5.1935	17-4	0.33333
17	2.86667	INV_SLV	Max			11.0456	17-4	0.66667
17	2.86667	INV_SLV	Max			7.2845	17-5	0.
17	3.2	INV_SLV	Max			3.2739	17-5	0.33333
17	3.53333	INV_SLV	Max			10.3215	17-5	0.66667

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
17	3.53333	INV_SLV	Max			6.9338	17-6	0.
17	3.86667	INV_SLV	Max			5.6495	17-6	0.33333
17	4.2	INV_SLV	Max			7.3333	17-6	0.66667
17	4.2	INV_SLV	Max			43.7969	17-7	0.
17	4.65	INV_SLV	Max			34.9045	17-7	0.45
17	5.1	INV_SLV	Max			25.1017	17-7	0.9
17	5.55	INV_SLV	Max			14.3896	17-7	1.35
17	6.	INV_SLV	Max			2.8152	17-7	1.8
17	6.45	INV_SLV	Max			22.247	17-7	2.25
17	6.9	INV_SLV	Max			43.9947	17-7	2.7
17	7.35	INV_SLV	Max			64.8342	17-7	3.15
17	7.8	INV_SLV	Max			84.7633	17-7	3.6
17	0.	INV_SLV	Min			-12.9338	17-1	0.
17	0.36667	INV_SLV	Min			-8.3884	17-1	0.36667
17	0.73333	INV_SLV	Min			-4.9132	17-1	0.73333
17	0.73333	INV_SLV	Min			-16.9045	17-2	0.
17	1.1	INV_SLV	Min			-5.625	17-2	0.36667
17	1.46667	INV_SLV	Min			-8.1519	17-2	0.73333
17	1.46667	INV_SLV	Min			-13.1763	17-3	0.
17	1.83333	INV_SLV	Min			-5.9279	17-3	0.36667
17	2.2	INV_SLV	Min			-21.6736	17-3	0.73333
17	2.2	INV_SLV	Min			-22.0412	17-4	0.
17	2.53333	INV_SLV	Min			-5.3767	17-4	0.33333
17	2.86667	INV_SLV	Min			-11.1441	17-4	0.66667
17	2.86667	INV_SLV	Min			-7.5902	17-5	0.
17	3.2	INV_SLV	Min			-3.8174	17-5	0.33333
17	3.53333	INV_SLV	Min			-12.1025	17-5	0.66667
17	3.53333	INV_SLV	Min			-15.4847	17-6	0.
17	3.86667	INV_SLV	Min			-21.9899	17-6	0.33333
17	4.2	INV_SLV	Min			-32.4629	17-6	0.66667
17	4.2	INV_SLV	Min			-100.1856	17-7	0.
17	4.65	INV_SLV	Min			-73.8795	17-7	0.45
17	5.1	INV_SLV	Min			-48.4849	17-7	0.9
17	5.55	INV_SLV	Min			-24.0031	17-7	1.35
17	6.	INV_SLV	Min			-0.4808	17-7	1.8
17	6.45	INV_SLV	Min			-9.7867	17-7	2.25
17	6.9	INV_SLV	Min			-23.2305	17-7	2.7
17	7.35	INV_SLV	Min			-37.588	17-7	3.15

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
17	7.8	INV_SLV	Min			-52.8572	17-7	3.6
18	0.	INV_SLU	Max			8.6933	18-1	0.
18	0.35	INV_SLU	Max			1.9017	18-1	0.35
18	0.7	INV_SLU	Max			-4.1369	18-1	0.7
18	0.7	INV_SLU	Max			-2.3473	18-2	0.
18	1.05	INV_SLU	Max			-2.029	18-2	0.35
18	1.4	INV_SLU	Max			-2.0154	18-2	0.7
18	1.4	INV_SLU	Max			-0.1391	18-3	0.
18	1.75	INV_SLU	Max			-0.4652	18-3	0.35
18	2.1	INV_SLU	Max			-0.785	18-3	0.7
18	2.1	INV_SLU	Max			-0.242	18-4	0.
18	2.45	INV_SLU	Max			-0.0104	18-4	0.35
18	2.8	INV_SLU	Max			0.0923	18-4	0.7
18	2.8	INV_SLU	Max			0.3775	18-5	0.
18	3.15	INV_SLU	Max			-0.761	18-5	0.35
18	3.5	INV_SLU	Max			-2.3821	18-5	0.7
18	3.5	INV_SLU	Max			-7.96	18-6	0.
18	3.85	INV_SLU	Max			-14.9992	18-6	0.35
18	4.2	INV_SLU	Max			-22.7548	18-6	0.7
18	4.2	INV_SLU	Max			-31.4377	18-7	0.
18	4.65	INV_SLU	Max			-21.1089	18-7	0.45
18	5.1	INV_SLU	Max			-11.9643	18-7	0.9
18	5.55	INV_SLU	Max			-4.004	18-7	1.35
18	6.	INV_SLU	Max			3.1804	18-7	1.8
18	6.45	INV_SLU	Max			14.0769	18-7	2.25
18	6.9	INV_SLU	Max			23.7951	18-7	2.7
18	7.35	INV_SLU	Max			32.3289	18-7	3.15
18	7.8	INV_SLU	Max			39.6785	18-7	3.6
18	0.	INV_SLU	Min			5.7676	18-1	0.
18	0.35	INV_SLU	Min			1.1467	18-1	0.35
18	0.7	INV_SLU	Min			-5.6385	18-1	0.7
18	0.7	INV_SLU	Min			-4.3574	18-2	0.
18	1.05	INV_SLU	Min			-3.1651	18-2	0.35
18	1.4	INV_SLU	Min			-2.9363	18-2	0.7
18	1.4	INV_SLU	Min			-1.1181	18-3	0.
18	1.75	INV_SLU	Min			-0.7104	18-3	0.35
18	2.1	INV_SLU	Min			-1.5076	18-3	0.7
18	2.1	INV_SLU	Min			-0.9018	18-4	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
18	2.45	INV_SLU	Min			-0.2523	18-4	0.35
18	2.8	INV_SLU	Min			-0.979	18-4	0.7
18	2.8	INV_SLU	Min			0.1436	18-5	0.
18	3.15	INV_SLU	Min			-1.2369	18-5	0.35
18	3.5	INV_SLU	Min			-3.5678	18-5	0.7
18	3.5	INV_SLU	Min			-12.3219	18-6	0.
18	3.85	INV_SLU	Min			-24.5636	18-6	0.35
18	4.2	INV_SLU	Min			-37.5218	18-6	0.7
18	4.2	INV_SLU	Min			-52.2779	18-7	0.
18	4.65	INV_SLU	Min			-36.6384	18-7	0.45
18	5.1	INV_SLU	Min			-22.1831	18-7	0.9
18	5.55	INV_SLU	Min			-8.9122	18-7	1.35
18	6.	INV_SLU	Min			2.7622	18-7	1.8
18	6.45	INV_SLU	Min			8.3637	18-7	2.25
18	6.9	INV_SLU	Min			12.7712	18-7	2.7
18	7.35	INV_SLU	Min			15.9943	18-7	3.15
18	7.8	INV_SLU	Min			18.0333	18-7	3.6
18	0.	INV_SLV	Max			18.4131	18-1	0.
18	0.35	INV_SLV	Max			8.4283	18-1	0.35
18	0.7	INV_SLV	Max			-2.0563	18-1	0.7
18	0.7	INV_SLV	Max			9.4123	18-2	0.
18	1.05	INV_SLV	Max			1.8169	18-2	0.35
18	1.4	INV_SLV	Max			3.5364	18-2	0.7
18	1.4	INV_SLV	Max			8.7979	18-3	0.
18	1.75	INV_SLV	Max			0.0156	18-3	0.35
18	2.1	INV_SLV	Max			8.1649	18-3	0.7
18	2.1	INV_SLV	Max			5.5581	18-4	0.
18	2.45	INV_SLV	Max			2.977	18-4	0.35
18	2.8	INV_SLV	Max			11.9747	18-4	0.7
18	2.8	INV_SLV	Max			0.2986	18-5	0.
18	3.15	INV_SLV	Max			3.3142	18-5	0.35
18	3.5	INV_SLV	Max			5.8081	18-5	0.7
18	3.5	INV_SLV	Max			6.1892	18-6	0.
18	3.85	INV_SLV	Max			18.3324	18-6	0.35
18	4.2	INV_SLV	Max			29.9297	18-6	0.7
18	4.2	INV_SLV	Max			44.9082	18-7	0.
18	4.65	INV_SLV	Max			35.5365	18-7	0.45
18	5.1	INV_SLV	Max			25.2538	18-7	0.9

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
18	5.55	INV_SLV	Max			14.0603	18-7	1.35
18	6.	INV_SLV	Max			2.202	18-7	1.8
18	6.45	INV_SLV	Max			24.0322	18-7	2.25
18	6.9	INV_SLV	Max			45.0052	18-7	2.7
18	7.35	INV_SLV	Max			65.0674	18-7	3.15
18	7.8	INV_SLV	Max			84.2186	18-7	3.6
18	0.	INV_SLV	Min			-10.5304	18-1	0.
18	0.35	INV_SLV	Min			-6.7807	18-1	0.35
18	0.7	INV_SLV	Min			-3.6336	18-1	0.7
18	0.7	INV_SLV	Min			-13.8328	18-2	0.
18	1.05	INV_SLV	Min			-4.8754	18-2	0.35
18	1.4	INV_SLV	Min			-6.3352	18-2	0.7
18	1.4	INV_SLV	Min			-10.0192	18-3	0.
18	1.75	INV_SLV	Min			-0.6547	18-3	0.35
18	2.1	INV_SLV	Min			-9.3239	18-3	0.7
18	2.1	INV_SLV	Min			-6.5723	18-4	0.
18	2.45	INV_SLV	Min			-2.9842	18-4	0.35
18	2.8	INV_SLV	Min			-12.0769	18-4	0.7
18	2.8	INV_SLV	Min			-0.1549	18-5	0.
18	3.15	INV_SLV	Min			-4.3928	18-5	0.35
18	3.5	INV_SLV	Min			-9.2113	18-5	0.7
18	3.5	INV_SLV	Min			-18.3286	18-6	0.
18	3.85	INV_SLV	Min			-41.6439	18-6	0.35
18	4.2	INV_SLV	Min			-65.5155	18-6	0.7
18	4.2	INV_SLV	Min			-94.4987	18-7	0.
18	4.65	INV_SLV	Min			-68.9706	18-7	0.45
18	5.1	INV_SLV	Min			-44.3536	18-7	0.9
18	5.55	INV_SLV	Min			-20.6476	18-7	1.35
18	6.	INV_SLV	Min			1.9012	18-7	1.8
18	6.45	INV_SLV	Min			-11.0605	18-7	2.25
18	6.9	INV_SLV	Min			-24.987	18-7	2.7
18	7.35	INV_SLV	Min			-39.8246	18-7	3.15
18	7.8	INV_SLV	Min			-55.5732	18-7	3.6
19	0.	INV_SLU	Max			-109.6348	19-1	0.
19	0.49231	INV_SLU	Max			-35.3273	19-1	0.49231
19	0.98462	INV_SLU	Max			32.5763	19-1	0.98462
19	1.47692	INV_SLU	Max			96.1427	19-1	1.47692
19	1.96923	INV_SLU	Max			140.9031	19-1	1.96923

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
19	2.46154	INV_SLU	Max			166.8574	19-1	2.46154
19	2.95385	INV_SLU	Max			174.0057	19-1	2.95385
19	3.44615	INV_SLU	Max			162.348	19-1	3.44615
19	3.93846	INV_SLU	Max			131.8842	19-1	3.93846
19	4.43077	INV_SLU	Max			82.6144	19-1	4.43077
19	4.92308	INV_SLU	Max			14.5651	19-1	4.92308
19	5.41538	INV_SLU	Max			-53.551	19-1	5.41538
19	5.90769	INV_SLU	Max			-131.4692	19-1	5.90769
19	6.4	INV_SLU	Max			-223.231	19-1	6.4
19	0.	INV_SLU	Min			-151.27	19-1	0.
19	0.49231	INV_SLU	Min			-50.0593	19-1	0.49231
19	0.98462	INV_SLU	Min			24.7517	19-1	0.98462
19	1.47692	INV_SLU	Min			71.4257	19-1	1.47692
19	1.96923	INV_SLU	Min			104.2561	19-1	1.96923
19	2.46154	INV_SLU	Min			123.243	19-1	2.46154
19	2.95385	INV_SLU	Min			128.3862	19-1	2.95385
19	3.44615	INV_SLU	Min			119.6859	19-1	3.44615
19	3.93846	INV_SLU	Min			97.142	19-1	3.93846
19	4.43077	INV_SLU	Min			60.7546	19-1	4.43077
19	4.92308	INV_SLU	Min			10.4794	19-1	4.92308
19	5.41538	INV_SLU	Min			-72.3433	19-1	5.41538
19	5.90769	INV_SLU	Min			-178.0313	19-1	5.90769
19	6.4	INV_SLU	Min			-302.5252	19-1	6.4
19	0.	INV_SLV	Max			-50.1755	19-1	0.
19	0.49231	INV_SLV	Max			-3.1934	19-1	0.49231
19	0.98462	INV_SLV	Max			34.4143	19-1	0.98462
19	1.47692	INV_SLV	Max			62.6476	19-1	1.47692
19	1.96923	INV_SLV	Max			81.5065	19-1	1.96923
19	2.46154	INV_SLV	Max			90.9909	19-1	2.46154
19	2.95385	INV_SLV	Max			91.1009	19-1	2.95385
19	3.44615	INV_SLV	Max			81.8368	19-1	3.44615
19	3.93846	INV_SLV	Max			68.3765	19-1	3.93846
19	4.43077	INV_SLV	Max			47.1604	19-1	4.43077
19	4.92308	INV_SLV	Max			16.57	19-1	4.92308
19	5.41538	INV_SLV	Max			-23.3949	19-1	5.41538
19	5.90769	INV_SLV	Max			-72.7342	19-1	5.90769
19	6.4	INV_SLV	Max			-131.448	19-1	6.4
19	0.	INV_SLV	Min			-99.3749	19-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
19	0.49231	INV_SLV	Min			-45.5955	19-1	0.49231
19	0.98462	INV_SLV	Min			-1.1905	19-1	0.98462
19	1.47692	INV_SLV	Min			33.84	19-1	1.47692
19	1.96923	INV_SLV	Min			59.4961	19-1	1.96923
19	2.46154	INV_SLV	Min			75.7778	19-1	2.46154
19	2.95385	INV_SLV	Min			82.685	19-1	2.95385
19	3.44615	INV_SLV	Min			80.2175	19-1	3.44615
19	3.93846	INV_SLV	Min			63.1974	19-1	3.93846
19	4.43077	INV_SLV	Min			35.1842	19-1	4.43077
19	4.92308	INV_SLV	Min			-2.2035	19-1	4.92308
19	5.41538	INV_SLV	Min			-48.9657	19-1	5.41538
19	5.90769	INV_SLV	Min			-105.1022	19-1	5.90769
19	6.4	INV_SLV	Min			-170.6132	19-1	6.4
20	0.	INV_SLU	Max			-207.7295	20-1	0.
20	0.49231	INV_SLU	Max			-123.3199	20-1	0.49231
20	0.98462	INV_SLU	Max			-52.7539	20-1	0.98462
20	1.47692	INV_SLU	Max			5.6244	20-1	1.47692
20	1.96923	INV_SLU	Max			63.8577	20-1	1.96923
20	2.46154	INV_SLU	Max			103.285	20-1	2.46154
20	2.95385	INV_SLU	Max			123.9063	20-1	2.95385
20	3.44615	INV_SLU	Max			125.7215	20-1	3.44615
20	3.93846	INV_SLU	Max			108.7307	20-1	3.93846
20	4.43077	INV_SLU	Max			72.9339	20-1	4.43077
20	4.92308	INV_SLU	Max			18.331	20-1	4.92308
20	5.41538	INV_SLU	Max			-40.6209	20-1	5.41538
20	5.90769	INV_SLU	Max			-108.4907	20-1	5.90769
20	6.4	INV_SLU	Max			-190.204	20-1	6.4
20	0.	INV_SLU	Min			-281.9261	20-1	0.
20	0.49231	INV_SLU	Min			-167.2759	20-1	0.49231
20	0.98462	INV_SLU	Min			-71.4317	20-1	0.98462
20	1.47692	INV_SLU	Min			3.9387	20-1	1.47692
20	1.96923	INV_SLU	Min			46.8154	20-1	1.96923
20	2.46154	INV_SLU	Min			75.8486	20-1	2.46154
20	2.95385	INV_SLU	Min			91.0383	20-1	2.95385
20	3.44615	INV_SLU	Min			92.3843	20-1	3.44615
20	3.93846	INV_SLU	Min			79.8868	20-1	3.93846
20	4.43077	INV_SLU	Min			53.5457	20-1	4.43077
20	4.92308	INV_SLU	Min			13.361	20-1	4.92308

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
20	5.41538	INV_SLU	Min			-55.1057	20-1	5.41538
20	5.90769	INV_SLU	Min			-147.3219	20-1	5.90769
20	6.4	INV_SLU	Min			-258.3442	20-1	6.4
20	0.	INV_SLV	Max			-124.8878	20-1	0.
20	0.49231	INV_SLV	Max			-70.2205	20-1	0.49231
20	0.98462	INV_SLV	Max			-24.9277	20-1	0.98462
20	1.47692	INV_SLV	Max			10.9908	20-1	1.47692
20	1.96923	INV_SLV	Max			37.535	20-1	1.96923
20	2.46154	INV_SLV	Max			54.7052	20-1	2.46154
20	2.95385	INV_SLV	Max			62.5052	20-1	2.95385
20	3.44615	INV_SLV	Max			64.2945	20-1	3.44615
20	3.93846	INV_SLV	Max			58.3512	20-1	3.93846
20	4.43077	INV_SLV	Max			43.0349	20-1	4.43077
20	4.92308	INV_SLV	Max			18.3444	20-1	4.92308
20	5.41538	INV_SLV	Max			-15.7205	20-1	5.41538
20	5.90769	INV_SLV	Max			-59.1597	20-1	5.90769
20	6.4	INV_SLV	Max			-111.9734	20-1	6.4
20	0.	INV_SLV	Min			-156.6029	20-1	0.
20	0.49231	INV_SLV	Min			-96.9234	20-1	0.49231
20	0.98462	INV_SLV	Min			-46.6184	20-1	0.98462
20	1.47692	INV_SLV	Min			-5.6878	20-1	1.47692
20	1.96923	INV_SLV	Min			25.8682	20-1	1.96923
20	2.46154	INV_SLV	Min			48.0493	20-1	2.46154
20	2.95385	INV_SLV	Min			60.8518	20-1	2.95385
20	3.44615	INV_SLV	Min			60.9161	20-1	3.44615
20	3.93846	INV_SLV	Min			49.9642	20-1	3.93846
20	4.43077	INV_SLV	Min			29.6364	20-1	4.43077
20	4.92308	INV_SLV	Min			-0.066	20-1	4.92308
20	5.41538	INV_SLV	Min			-39.143	20-1	5.41538
20	5.90769	INV_SLV	Min			-87.5944	20-1	5.90769
20	6.4	INV_SLV	Min			-145.4203	20-1	6.4
21	0.	INV_SLU	Max			-193.0988	21-1	0.
21	0.49231	INV_SLU	Max			-110.2976	21-1	0.49231
21	0.98462	INV_SLU	Max			-41.3401	21-1	0.98462
21	1.47692	INV_SLU	Max			18.4107	21-1	1.47692
21	1.96923	INV_SLU	Max			74.5562	21-1	1.96923
21	2.46154	INV_SLU	Max			111.8956	21-1	2.46154
21	2.95385	INV_SLU	Max			130.4379	21-1	2.95385

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
21	3.44615	INV_SLU	Max			130.1854	21-1	3.44615
21	3.93846	INV_SLU	Max			111.1269	21-1	3.93846
21	4.43077	INV_SLU	Max			73.2624	21-1	4.43077
21	4.92308	INV_SLU	Max			16.5919	21-1	4.92308
21	5.41538	INV_SLU	Max			-43.5004	21-1	5.41538
21	5.90769	INV_SLU	Max			-112.9451	21-1	5.90769
21	6.4	INV_SLU	Max			-196.2333	21-1	6.4
21	0.	INV_SLU	Min			-262.9742	21-1	0.
21	0.49231	INV_SLU	Min			-150.3905	21-1	0.49231
21	0.98462	INV_SLU	Min			-56.6127	21-1	0.98462
21	1.47692	INV_SLU	Min			13.6878	21-1	1.47692
21	1.96923	INV_SLU	Min			54.9918	21-1	1.96923
21	2.46154	INV_SLU	Min			82.4522	21-1	2.46154
21	2.95385	INV_SLU	Min			96.0544	21-1	2.95385
21	3.44615	INV_SLU	Min			95.794	21-1	3.44615
21	3.93846	INV_SLU	Min			81.6901	21-1	3.93846
21	4.43077	INV_SLU	Min			53.7426	21-1	4.43077
21	4.92308	INV_SLU	Min			11.9516	21-1	4.92308
21	5.41538	INV_SLU	Min			-58.9943	21-1	5.41538
21	5.90769	INV_SLU	Min			-153.2971	21-1	5.90769
21	6.4	INV_SLU	Min			-266.4059	21-1	6.4
21	0.	INV_SLV	Max			-114.1327	21-1	0.
21	0.49231	INV_SLV	Max			-60.568	21-1	0.49231
21	0.98462	INV_SLV	Max			-16.376	21-1	0.98462
21	1.47692	INV_SLV	Max			18.4446	21-1	1.47692
21	1.96923	INV_SLV	Max			43.8971	21-1	1.96923
21	2.46154	INV_SLV	Max			59.9927	21-1	2.46154
21	2.95385	INV_SLV	Max			66.789	21-1	2.95385
21	3.44615	INV_SLV	Max			66.3688	21-1	3.44615
21	3.93846	INV_SLV	Max			58.9404	21-1	3.93846
21	4.43077	INV_SLV	Max			42.5475	21-1	4.43077
21	4.92308	INV_SLV	Max			16.7995	21-1	4.92308
21	5.41538	INV_SLV	Max			-18.3163	21-1	5.41538
21	5.90769	INV_SLV	Max			-62.8033	21-1	5.90769
21	6.4	INV_SLV	Max			-116.663	21-1	6.4
21	0.	INV_SLV	Min			-147.7848	21-1	0.
21	0.49231	INV_SLV	Min			-89.1513	21-1	0.49231
21	0.98462	INV_SLV	Min			-39.8939	21-1	0.98462

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
21	1.47692	INV_SLV	Min			-0.014	21-1	1.47692
21	1.96923	INV_SLV	Min			30.4851	21-1	1.96923
21	2.46154	INV_SLV	Min			51.5923	21-1	2.46154
21	2.95385	INV_SLV	Min			63.2499	21-1	2.95385
21	3.44615	INV_SLV	Min			63.3752	21-1	3.44615
21	3.93846	INV_SLV	Min			51.7598	21-1	3.93846
21	4.43077	INV_SLV	Min			30.3601	21-1	4.43077
21	4.92308	INV_SLV	Min			-0.4334	21-1	4.92308
21	5.41538	INV_SLV	Min			-40.608	21-1	5.41538
21	5.90769	INV_SLV	Min			-90.1602	21-1	5.90769
21	6.4	INV_SLV	Min			-149.0885	21-1	6.4
22	0.	INV_SLU	Max			-197.8704	22-1	0.
22	0.49231	INV_SLU	Max			-113.3684	22-1	0.49231
22	0.98462	INV_SLU	Max			-42.7099	22-1	0.98462
22	1.47692	INV_SLU	Max			18.957	22-1	1.47692
22	1.96923	INV_SLU	Max			77.3774	22-1	1.96923
22	2.46154	INV_SLU	Max			116.9918	22-1	2.46154
22	2.95385	INV_SLU	Max			137.8001	22-1	2.95385
22	3.44615	INV_SLU	Max			139.8024	22-1	3.44615
22	3.93846	INV_SLU	Max			123.0082	22-1	3.93846
22	4.43077	INV_SLU	Max			87.4172	22-1	4.43077
22	4.92308	INV_SLU	Max			33.0201	22-1	4.92308
22	5.41538	INV_SLU	Max			-29.6351	22-1	5.41538
22	5.90769	INV_SLU	Max			-97.3811	22-1	5.90769
22	6.4	INV_SLU	Max			-178.9706	22-1	6.4
22	0.	INV_SLU	Min			-269.2814	22-1	0.
22	0.49231	INV_SLU	Min			-154.424	22-1	0.49231
22	0.98462	INV_SLU	Min			-58.3728	22-1	0.98462
22	1.47692	INV_SLU	Min			13.9641	22-1	1.47692
22	1.96923	INV_SLU	Min			56.9668	22-1	1.96923
22	2.46154	INV_SLU	Min			86.1258	22-1	2.46154
22	2.95385	INV_SLU	Min			101.4413	22-1	2.95385
22	3.44615	INV_SLU	Min			102.9131	22-1	3.44615
22	3.93846	INV_SLU	Min			90.5256	22-1	3.93846
22	4.43077	INV_SLU	Min			64.279	22-1	4.43077
22	4.92308	INV_SLU	Min			24.1889	22-1	4.92308
22	5.41538	INV_SLU	Min			-40.2488	22-1	5.41538
22	5.90769	INV_SLU	Min			-132.2767	22-1	5.90769

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
22	6.4	INV_SLU	Min			-243.1106	22-1	6.4
22	0.	INV_SLV	Max			-114.0814	22-1	0.
22	0.49231	INV_SLV	Max			-60.3251	22-1	0.49231
22	0.98462	INV_SLV	Max			-15.9427	22-1	0.98462
22	1.47692	INV_SLV	Max			19.0665	22-1	1.47692
22	1.96923	INV_SLV	Max			44.7043	22-1	1.96923
22	2.46154	INV_SLV	Max			60.9822	22-1	2.46154
22	2.95385	INV_SLV	Max			69.7249	22-1	2.95385
22	3.44615	INV_SLV	Max			74.1612	22-1	3.44615
22	3.93846	INV_SLV	Max			69.3232	22-1	3.93846
22	4.43077	INV_SLV	Max			55.1182	22-1	4.43077
22	4.92308	INV_SLV	Max			31.541	22-1	4.92308
22	5.41538	INV_SLV	Max			-1.4099	22-1	5.41538
22	5.90769	INV_SLV	Max			-43.7347	22-1	5.90769
22	6.4	INV_SLV	Max			-95.4336	22-1	6.4
22	0.	INV_SLV	Min			-154.5708	22-1	0.
22	0.49231	INV_SLV	Min			-93.777	22-1	0.49231
22	0.98462	INV_SLV	Min			-42.3583	22-1	0.98462
22	1.47692	INV_SLV	Min			-0.3151	22-1	1.47692
22	1.96923	INV_SLV	Min			32.3506	22-1	1.96923
22	2.46154	INV_SLV	Min			55.6274	22-1	2.46154
22	2.95385	INV_SLV	Min			67.6906	22-1	2.95385
22	3.44615	INV_SLV	Min			65.3112	22-1	3.44615
22	3.93846	INV_SLV	Min			53.4573	22-1	3.93846
22	4.43077	INV_SLV	Min			32.2215	22-1	4.43077
22	4.92308	INV_SLV	Min			1.6092	22-1	4.92308
22	5.41538	INV_SLV	Min			-38.3785	22-1	5.41538
22	5.90769	INV_SLV	Min			-87.741	22-1	5.90769
22	6.4	INV_SLV	Min			-146.4782	22-1	6.4
23	0.	INV_SLU	Max			-106.9727	23-1	0.
23	0.45	INV_SLU	Max			-57.1924	23-1	0.45
23	0.9	INV_SLU	Max			-18.9787	23-1	0.9
23	1.35	INV_SLU	Max			10.2617	23-1	1.35
23	1.8	INV_SLU	Max			30.8345	23-1	1.8
23	2.25	INV_SLU	Max			35.6948	23-1	2.25
23	2.7	INV_SLU	Max			24.8424	23-1	2.7
23	3.15	INV_SLU	Max			-1.4066	23-1	3.15
23	3.6	INV_SLU	Max			-32.5915	23-1	3.6

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
23	3.6	INV_SLU	Max			-25.3519	23-2	0.
23	4.06667	INV_SLU	Max			-4.9775	23-2	0.46667
23	4.53333	INV_SLU	Max			4.0304	23-2	0.93333
23	5.	INV_SLU	Max			-1.5458	23-2	1.4
23	5.46667	INV_SLU	Max			-18.4047	23-2	1.86667
23	5.93333	INV_SLU	Max			-47.6491	23-2	2.33333
23	6.4	INV_SLU	Max			-89.3326	23-2	2.8
23	0.	INV_SLU	Min			-145.7613	23-1	0.
23	0.45	INV_SLU	Min			-78.0626	23-1	0.45
23	0.9	INV_SLU	Min			-26.0765	23-1	0.9
23	1.35	INV_SLU	Min			7.5608	23-1	1.35
23	1.8	INV_SLU	Min			22.6215	23-1	1.8
23	2.25	INV_SLU	Min			26.1158	23-1	2.25
23	2.7	INV_SLU	Min			18.0436	23-1	2.7
23	3.15	INV_SLU	Min			-1.8356	23-1	3.15
23	3.6	INV_SLU	Min			-44.1254	23-1	3.6
23	3.6	INV_SLU	Min			-35.3087	23-2	0.
23	4.06667	INV_SLU	Min			-7.2474	23-2	0.46667
23	4.53333	INV_SLU	Min			2.7669	23-2	0.93333
23	5.	INV_SLU	Min			-1.8191	23-2	1.4
23	5.46667	INV_SLU	Min			-24.5024	23-2	1.86667
23	5.93333	INV_SLU	Min			-64.1159	23-2	2.33333
23	6.4	INV_SLU	Min			-120.6276	23-2	2.8
23	0.	INV_SLV	Max			-38.58	23-1	0.
23	0.45	INV_SLV	Max			-11.3317	23-1	0.45
23	0.9	INV_SLV	Max			8.0903	23-1	0.9
23	1.35	INV_SLV	Max			19.6941	23-1	1.35
23	1.8	INV_SLV	Max			23.5108	23-1	1.8
23	2.25	INV_SLV	Max			20.0839	23-1	2.25
23	2.7	INV_SLV	Max			17.8017	23-1	2.7
23	3.15	INV_SLV	Max			10.7998	23-1	3.15
23	3.6	INV_SLV	Max			-3.7946	23-1	3.6
23	3.6	INV_SLV	Max			14.0202	23-2	0.
23	4.06667	INV_SLV	Max			14.5767	23-2	0.46667
23	4.53333	INV_SLV	Max			6.7857	23-2	0.93333
23	5.	INV_SLV	Max			7.7816	23-2	1.4
23	5.46667	INV_SLV	Max			9.7736	23-2	1.86667
23	5.93333	INV_SLV	Max			3.3822	23-2	2.33333

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
23	6.4	INV_SLV	Max			-11.4256	23-2	2.8
23	0.	INV_SLV	Min			-106.8167	23-1	0.
23	0.45	INV_SLV	Min			-66.551	23-1	0.45
23	0.9	INV_SLV	Min			-34.124	23-1	0.9
23	1.35	INV_SLV	Min			-9.5436	23-1	1.35
23	1.8	INV_SLV	Min			7.1591	23-1	1.8
23	2.25	INV_SLV	Min			15.4405	23-1	2.25
23	2.7	INV_SLV	Min			6.9123	23-1	2.7
23	3.15	INV_SLV	Min			-12.5611	23-1	3.15
23	3.6	INV_SLV	Min			-40.1068	23-1	3.6
23	3.6	INV_SLV	Min			-49.0011	23-2	0.
23	4.06667	INV_SLV	Min			-21.7024	23-2	0.46667
23	4.53333	INV_SLV	Min			-2.9029	23-2	0.93333
23	5.	INV_SLV	Min			-9.7371	23-2	1.4
23	5.46667	INV_SLV	Min			-34.4141	23-2	1.86667
23	5.93333	INV_SLV	Min			-67.5543	23-2	2.33333
23	6.4	INV_SLV	Min			-109.1249	23-2	2.8
24	0.	INV_SLU	Max			-157.9659	24-1	0.
24	0.49231	INV_SLU	Max			-55.2404	24-1	0.49231
24	0.98462	INV_SLU	Max			41.5818	24-1	0.98462
24	1.47692	INV_SLU	Max			140.3945	24-1	1.47692
24	1.96923	INV_SLU	Max			210.2837	24-1	1.96923
24	2.46154	INV_SLU	Max			251.2491	24-1	2.46154
24	2.95385	INV_SLU	Max			263.291	24-1	2.95385
24	3.44615	INV_SLU	Max			246.4092	24-1	3.44615
24	3.93846	INV_SLU	Max			200.6037	24-1	3.93846
24	4.43077	INV_SLU	Max			125.9169	24-1	4.43077
24	4.92308	INV_SLU	Max			22.3493	24-1	4.92308
24	5.41538	INV_SLU	Max			-72.5614	24-1	5.41538
24	5.90769	INV_SLU	Max			-178.68	24-1	5.90769
24	6.4	INV_SLU	Max			-303.7973	24-1	6.4
24	0.	INV_SLU	Min			-243.5386	24-1	0.
24	0.49231	INV_SLU	Min			-86.7934	24-1	0.49231
24	0.98462	INV_SLU	Min			27.5636	24-1	0.98462
24	1.47692	INV_SLU	Min			92.4335	24-1	1.47692
24	1.96923	INV_SLU	Min			138.3046	24-1	1.96923
24	2.46154	INV_SLU	Min			165.1771	24-1	2.46154
24	2.95385	INV_SLU	Min			173.0508	24-1	2.95385

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
24	3.44615	INV_SLU	Min			161.9258	24-1	3.44615
24	3.93846	INV_SLU	Min			131.8021	24-1	3.93846
24	4.43077	INV_SLU	Min			82.6092	24-1	4.43077
24	4.92308	INV_SLU	Min			14.3462	24-1	4.92308
24	5.41538	INV_SLU	Min			-110.3545	24-1	5.41538
24	5.90769	INV_SLU	Min			-271.8545	24-1	5.90769
24	6.4	INV_SLU	Min			-462.2782	24-1	6.4
24	0.	INV_SLV	Max			-87.5336	24-1	0.
24	0.49231	INV_SLV	Max			-20.9011	24-1	0.49231
24	0.98462	INV_SLV	Max			32.9201	24-1	0.98462
24	1.47692	INV_SLV	Max			73.9302	24-1	1.47692
24	1.96923	INV_SLV	Max			102.1291	24-1	1.96923
24	2.46154	INV_SLV	Max			117.5168	24-1	2.46154
24	2.95385	INV_SLV	Max			120.0933	24-1	2.95385
24	3.44615	INV_SLV	Max			109.8588	24-1	3.44615
24	3.93846	INV_SLV	Max			90.9284	24-1	3.93846
24	4.43077	INV_SLV	Max			60.5128	24-1	4.43077
24	4.92308	INV_SLV	Max			17.2862	24-1	4.92308
24	5.41538	INV_SLV	Max			-38.7517	24-1	5.41538
24	5.90769	INV_SLV	Max			-107.6008	24-1	5.90769
24	6.4	INV_SLV	Max			-189.261	24-1	6.4
24	0.	INV_SLV	Min			-126.9506	24-1	0.
24	0.49231	INV_SLV	Min			-54.8766	24-1	0.49231
24	0.98462	INV_SLV	Min			4.3863	24-1	0.98462
24	1.47692	INV_SLV	Min			50.8379	24-1	1.47692
24	1.96923	INV_SLV	Min			84.4784	24-1	1.96923
24	2.46154	INV_SLV	Min			105.3076	24-1	2.46154
24	2.95385	INV_SLV	Min			113.3257	24-1	2.95385
24	3.44615	INV_SLV	Min			108.5325	24-1	3.44615
24	3.93846	INV_SLV	Min			86.8127	24-1	3.93846
24	4.43077	INV_SLV	Min			50.9557	24-1	4.43077
24	4.92308	INV_SLV	Min			2.2875	24-1	4.92308
24	5.41538	INV_SLV	Min			-59.192	24-1	5.41538
24	5.90769	INV_SLV	Min			-133.4826	24-1	5.90769
24	6.4	INV_SLV	Min			-220.5844	24-1	6.4
25	0.	INV_SLU	Max			-282.8801	25-1	0.
25	0.49231	INV_SLU	Max			-167.2862	25-1	0.49231
25	0.98462	INV_SLU	Max			-70.6911	25-1	0.98462

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
25	1.47692	INV_SLU	Max			10.8346	25-1	1.47692
25	1.96923	INV_SLU	Max			100.0185	25-1	1.96923
25	2.46154	INV_SLU	Max			160.2866	25-1	2.46154
25	2.95385	INV_SLU	Max			191.649	25-1	2.95385
25	3.44615	INV_SLU	Max			194.0878	25-1	3.44615
25	3.93846	INV_SLU	Max			167.603	25-1	3.93846
25	4.43077	INV_SLU	Max			112.1945	25-1	4.43077
25	4.92308	INV_SLU	Max			27.8623	25-1	4.92308
25	5.41538	INV_SLU	Max			-56.0059	25-1	5.41538
25	5.90769	INV_SLU	Max			-149.3549	25-1	5.90769
25	6.4	INV_SLU	Max			-261.7026	25-1	6.4
25	0.	INV_SLU	Min			-430.3803	25-1	0.
25	0.49231	INV_SLU	Min			-254.3996	25-1	0.49231
25	0.98462	INV_SLU	Min			-107.3426	25-1	0.98462
25	1.47692	INV_SLU	Min			6.8322	25-1	1.47692
25	1.96923	INV_SLU	Min			65.473	25-1	1.96923
25	2.46154	INV_SLU	Min			105.102	25-1	2.46154
25	2.95385	INV_SLU	Min			125.7023	25-1	2.95385
25	3.44615	INV_SLU	Min			127.3038	25-1	3.44615
25	3.93846	INV_SLU	Min			109.9066	25-1	3.93846
25	4.43077	INV_SLU	Min			73.5107	25-1	4.43077
25	4.92308	INV_SLU	Min			18.1161	25-1	4.92308
25	5.41538	INV_SLU	Min			-85.5563	25-1	5.41538
25	5.90769	INV_SLU	Min			-227.7615	25-1	5.90769
25	6.4	INV_SLU	Min			-398.8904	25-1	6.4
25	0.	INV_SLV	Max			-178.2105	25-1	0.
25	0.49231	INV_SLV	Max			-102.2342	25-1	0.49231
25	0.98462	INV_SLV	Max			-39.0691	25-1	0.98462
25	1.47692	INV_SLV	Max			11.2848	25-1	1.47692
25	1.96923	INV_SLV	Max			48.8275	25-1	1.96923
25	2.46154	INV_SLV	Max			73.5591	25-1	2.46154
25	2.95385	INV_SLV	Max			85.4795	25-1	2.95385
25	3.44615	INV_SLV	Max			87.2203	25-1	3.44615
25	3.93846	INV_SLV	Max			77.4986	25-1	3.93846
25	4.43077	INV_SLV	Max			54.9657	25-1	4.43077
25	4.92308	INV_SLV	Max			19.6217	25-1	4.92308
25	5.41538	INV_SLV	Max			-28.5335	25-1	5.41538
25	5.90769	INV_SLV	Max			-89.5	25-1	5.90769

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
25	6.4	INV_SLV	Max			-163.2776	25-1	6.4
25	0.	INV_SLV	Min			-203.4414	25-1	0.
25	0.49231	INV_SLV	Min			-123.4847	25-1	0.49231
25	0.98462	INV_SLV	Min			-56.3393	25-1	0.98462
25	1.47692	INV_SLV	Min			-2.005	25-1	1.47692
25	1.96923	INV_SLV	Min			39.5181	25-1	1.96923
25	2.46154	INV_SLV	Min			68.23	25-1	2.46154
25	2.95385	INV_SLV	Min			84.1307	25-1	2.95385
25	3.44615	INV_SLV	Min			84.5886	25-1	3.44615
25	3.93846	INV_SLV	Min			70.8866	25-1	3.93846
25	4.43077	INV_SLV	Min			44.3733	25-1	4.43077
25	4.92308	INV_SLV	Min			5.0489	25-1	4.92308
25	5.41538	INV_SLV	Min			-47.0867	25-1	5.41538
25	5.90769	INV_SLV	Min			-112.0335	25-1	5.90769
25	6.4	INV_SLV	Min			-189.7914	25-1	6.4
26	0.	INV_SLU	Max			-266.1473	26-1	0.
26	0.49231	INV_SLU	Max			-152.2667	26-1	0.49231
26	0.98462	INV_SLU	Max			-57.3849	26-1	0.98462
26	1.47692	INV_SLU	Max			27.9149	26-1	1.47692
26	1.96923	INV_SLU	Max			114.568	26-1	1.96923
26	2.46154	INV_SLU	Max			172.2975	26-1	2.46154
26	2.95385	INV_SLU	Max			201.1033	26-1	2.95385
26	3.44615	INV_SLU	Max			200.9926	26-1	3.44615
26	3.93846	INV_SLU	Max			171.9934	26-1	3.93846
26	4.43077	INV_SLU	Max			114.0707	26-1	4.43077
26	4.92308	INV_SLU	Max			27.2243	26-1	4.92308
26	5.41538	INV_SLU	Max			-58.0962	26-1	5.41538
26	5.90769	INV_SLU	Max			-153.1309	26-1	5.90769
26	6.4	INV_SLU	Max			-267.1643	26-1	6.4
26	0.	INV_SLU	Min			-405.8756	26-1	0.
26	0.49231	INV_SLU	Min			-232.4093	26-1	0.49231
26	0.98462	INV_SLU	Min			-87.8665	26-1	0.98462
26	1.47692	INV_SLU	Min			18.2277	26-1	1.47692
26	1.96923	INV_SLU	Min			75.1828	26-1	1.96923
26	2.46154	INV_SLU	Min			113.1391	26-1	2.46154
26	2.95385	INV_SLU	Min			132.0967	26-1	2.95385
26	3.44615	INV_SLU	Min			132.0436	26-1	3.44615
26	3.93846	INV_SLU	Min			112.9332	26-1	3.93846

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
26	4.43077	INV_SLU	Min			74.824	26-1	4.43077
26	4.92308	INV_SLU	Min			17.7161	26-1	4.92308
26	5.41538	INV_SLU	Min			-88.7224	26-1	5.41538
26	5.90769	INV_SLU	Min			-233.4584	26-1	5.90769
26	6.4	INV_SLU	Min			-407.1181	26-1	6.4
26	0.	INV_SLV	Max			-166.0936	26-1	0.
26	0.49231	INV_SLV	Max			-91.3461	26-1	0.49231
26	0.98462	INV_SLV	Max			-29.4097	26-1	0.98462
26	1.47692	INV_SLV	Max			19.7155	26-1	1.47692
26	1.96923	INV_SLV	Max			56.0295	26-1	1.96923
26	2.46154	INV_SLV	Max			79.5323	26-1	2.46154
26	2.95385	INV_SLV	Max			90.2245	26-1	2.95385
26	3.44615	INV_SLV	Max			89.9921	26-1	3.44615
26	3.93846	INV_SLV	Max			79.2278	26-1	3.93846
26	4.43077	INV_SLV	Max			55.6529	26-1	4.43077
26	4.92308	INV_SLV	Max			19.2668	26-1	4.92308
26	5.41538	INV_SLV	Max			-29.9303	26-1	5.41538
26	5.90769	INV_SLV	Max			-91.9387	26-1	5.90769
26	6.4	INV_SLV	Max			-166.7582	26-1	6.4
26	0.	INV_SLV	Min			-193.3773	26-1	0.
26	0.49231	INV_SLV	Min			-114.4626	26-1	0.49231
26	0.98462	INV_SLV	Min			-48.359	26-1	0.98462
26	1.47692	INV_SLV	Min			4.9333	26-1	1.47692
26	1.96923	INV_SLV	Min			45.4144	26-1	1.96923
26	2.46154	INV_SLV	Min			73.0843	26-1	2.46154
26	2.95385	INV_SLV	Min			87.9425	26-1	2.95385
26	3.44615	INV_SLV	Min			88.1029	26-1	3.44615
26	3.93846	INV_SLV	Min			73.1728	26-1	3.93846
26	4.43077	INV_SLV	Min			45.4309	26-1	4.43077
26	4.92308	INV_SLV	Min			4.8778	26-1	4.92308
26	5.41538	INV_SLV	Min			-48.4866	26-1	5.41538
26	5.90769	INV_SLV	Min			-114.6621	26-1	5.90769
26	6.4	INV_SLV	Min			-193.6489	26-1	6.4
27	0.	INV_SLU	Max			-267.5921	27-1	0.
27	0.49231	INV_SLU	Max			-153.604	27-1	0.49231
27	0.98462	INV_SLU	Max			-58.6145	27-1	0.98462
27	1.47692	INV_SLU	Max			26.2508	27-1	1.47692
27	1.96923	INV_SLU	Max			113.0776	27-1	1.96923

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
27	2.46154	INV_SLU	Max			170.9808	27-1	2.46154
27	2.95385	INV_SLU	Max			199.9603	27-1	2.95385
27	3.44615	INV_SLU	Max			200.0414	27-1	3.44615
27	3.93846	INV_SLU	Max			171.2159	27-1	3.93846
27	4.43077	INV_SLU	Max			113.4668	27-1	4.43077
27	4.92308	INV_SLU	Max			26.794	27-1	4.92308
27	5.41538	INV_SLU	Max			-58.3281	27-1	5.41538
27	5.90769	INV_SLU	Max			-153.2554	27-1	5.90769
27	6.4	INV_SLU	Max			-267.1814	27-1	6.4
27	0.	INV_SLU	Min			-408.0422	27-1	0.
27	0.49231	INV_SLU	Min			-234.4022	27-1	0.49231
27	0.98462	INV_SLU	Min			-89.6858	27-1	0.98462
27	1.47692	INV_SLU	Min			17.1365	27-1	1.47692
27	1.96923	INV_SLU	Min			74.1989	27-1	1.96923
27	2.46154	INV_SLU	Min			112.2627	27-1	2.46154
27	2.95385	INV_SLU	Min			131.3277	27-1	2.95385
27	3.44615	INV_SLU	Min			131.352	27-1	3.44615
27	3.93846	INV_SLU	Min			112.3492	27-1	3.93846
27	4.43077	INV_SLU	Min			74.3476	27-1	4.43077
27	4.92308	INV_SLU	Min			17.3473	27-1	4.92308
27	5.41538	INV_SLU	Min			-88.9965	27-1	5.41538
27	5.90769	INV_SLU	Min			-233.5589	27-1	5.90769
27	6.4	INV_SLU	Min			-407.0448	27-1	6.4
27	0.	INV_SLV	Max			-166.7637	27-1	0.
27	0.49231	INV_SLV	Max			-92.031	27-1	0.49231
27	0.98462	INV_SLV	Max			-30.1095	27-1	0.98462
27	1.47692	INV_SLV	Max			19.0008	27-1	1.47692
27	1.96923	INV_SLV	Max			55.3	27-1	1.96923
27	2.46154	INV_SLV	Max			78.7881	27-1	2.46154
27	2.95385	INV_SLV	Max			89.4655	27-1	2.95385
27	3.44615	INV_SLV	Max			89.8931	27-1	3.44615
27	3.93846	INV_SLV	Max			79.2415	27-1	3.93846
27	4.43077	INV_SLV	Max			55.8114	27-1	4.43077
27	4.92308	INV_SLV	Max			19.5701	27-1	4.92308
27	5.41538	INV_SLV	Max			-29.4823	27-1	5.41538
27	5.90769	INV_SLV	Max			-91.3459	27-1	5.90769
27	6.4	INV_SLV	Max			-166.0207	27-1	6.4
27	0.	INV_SLV	Min			-194.5216	27-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
27	0.49231	INV_SLV	Min			-115.4621	27-1	0.49231
27	0.98462	INV_SLV	Min			-49.2138	27-1	0.98462
27	1.47692	INV_SLV	Min			4.2233	27-1	1.47692
27	1.96923	INV_SLV	Min			44.8492	27-1	1.96923
27	2.46154	INV_SLV	Min			72.6638	27-1	2.46154
27	2.95385	INV_SLV	Min			87.6667	27-1	2.95385
27	3.44615	INV_SLV	Min			87.297	27-1	3.44615
27	3.93846	INV_SLV	Min			72.3842	27-1	3.93846
27	4.43077	INV_SLV	Min			44.6275	27-1	4.43077
27	4.92308	INV_SLV	Min			4.0595	27-1	4.92308
27	5.41538	INV_SLV	Min			-49.3197	27-1	5.41538
27	5.90769	INV_SLV	Min			-115.5101	27-1	5.90769
27	6.4	INV_SLV	Min			-194.5117	27-1	6.4
28	0.	INV_SLU	Max			-268.1931	28-1	0.
28	0.49231	INV_SLU	Max			-154.1258	28-1	0.49231
28	0.98462	INV_SLU	Max			-59.0572	28-1	0.98462
28	1.47692	INV_SLU	Max			25.7689	28-1	1.47692
28	1.96923	INV_SLU	Max			112.6943	28-1	1.96923
28	2.46154	INV_SLU	Max			170.6961	28-1	2.46154
28	2.95385	INV_SLU	Max			199.7743	28-1	2.95385
28	3.44615	INV_SLU	Max			199.9525	28-1	3.44615
28	3.93846	INV_SLU	Max			171.2255	28-1	3.93846
28	4.43077	INV_SLU	Max			113.5747	28-1	4.43077
28	4.92308	INV_SLU	Max			27.0004	28-1	4.92308
28	5.41538	INV_SLU	Max			-58.062	28-1	5.41538
28	5.90769	INV_SLU	Max			-152.9105	28-1	5.90769
28	6.4	INV_SLU	Max			-266.7577	28-1	6.4
28	0.	INV_SLU	Min			-408.8199	28-1	0.
28	0.49231	INV_SLU	Min			-235.0815	28-1	0.49231
28	0.98462	INV_SLU	Min			-90.2667	28-1	0.98462
28	1.47692	INV_SLU	Min			16.7719	28-1	1.47692
28	1.96923	INV_SLU	Min			73.9132	28-1	1.96923
28	2.46154	INV_SLU	Min			112.0558	28-1	2.46154
28	2.95385	INV_SLU	Min			131.1996	28-1	2.95385
28	3.44615	INV_SLU	Min			131.3051	28-1	3.44615
28	3.93846	INV_SLU	Min			112.3814	28-1	3.93846
28	4.43077	INV_SLU	Min			74.4589	28-1	4.43077
28	4.92308	INV_SLU	Min			17.5378	28-1	4.92308

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
28	5.41538	INV_SLU	Min			-88.6897	28-1	5.41538
28	5.90769	INV_SLU	Min			-233.1534	28-1	5.90769
28	6.4	INV_SLU	Min			-406.5407	28-1	6.4
28	0.	INV_SLV	Max			-166.9776	28-1	0.
28	0.49231	INV_SLV	Max			-92.1826	28-1	0.49231
28	0.98462	INV_SLV	Max			-30.1988	28-1	0.98462
28	1.47692	INV_SLV	Max			18.9739	28-1	1.47692
28	1.96923	INV_SLV	Max			55.3356	28-1	1.96923
28	2.46154	INV_SLV	Max			78.8865	28-1	2.46154
28	2.95385	INV_SLV	Max			89.629	28-1	2.95385
28	3.44615	INV_SLV	Max			89.5631	28-1	3.44615
28	3.93846	INV_SLV	Max			78.9943	28-1	3.93846
28	4.43077	INV_SLV	Max			55.6179	28-1	4.43077
28	4.92308	INV_SLV	Max			19.4309	28-1	4.92308
28	5.41538	INV_SLV	Max			-29.5672	28-1	5.41538
28	5.90769	INV_SLV	Max			-91.3763	28-1	5.90769
28	6.4	INV_SLV	Max			-165.9967	28-1	6.4
28	0.	INV_SLV	Min			-195.2072	28-1	0.
28	0.49231	INV_SLV	Min			-116.0933	28-1	0.49231
28	0.98462	INV_SLV	Min			-49.7906	28-1	0.98462
28	1.47692	INV_SLV	Min			3.7009	28-1	1.47692
28	1.96923	INV_SLV	Min			44.381	28-1	1.96923
28	2.46154	INV_SLV	Min			72.2495	28-1	2.46154
28	2.95385	INV_SLV	Min			87.3041	28-1	2.95385
28	3.44615	INV_SLV	Min			87.5447	28-1	3.44615
28	3.93846	INV_SLV	Min			72.6658	28-1	3.93846
28	4.43077	INV_SLV	Min			44.972	28-1	4.43077
28	4.92308	INV_SLV	Min			4.4666	28-1	4.92308
28	5.41538	INV_SLV	Min			-48.8502	28-1	5.41538
28	5.90769	INV_SLV	Min			-114.9782	28-1	5.90769
28	6.4	INV_SLV	Min			-193.9175	28-1	6.4
29	0.	INV_SLU	Max			4.5455	29-1	0.
29	1.75	INV_SLU	Max			1.9038	29-1	1.75
29	3.5	INV_SLU	Max			14.3333	29-1	3.5
29	0.	INV_SLU	Min			-6.2078	29-1	0.
29	1.75	INV_SLU	Min			0.2519	29-1	1.75
29	3.5	INV_SLU	Min			9.5009	29-1	3.5
29	0.	INV_SLV	Max			47.5356	29-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
29	1.75	INV_SLV	Max			18.2713	29-1	1.75
29	3.5	INV_SLV	Max			25.6161	29-1	3.5
29	0.	INV_SLV	Min			-55.4118	29-1	0.
29	1.75	INV_SLV	Min			-15.1135	29-1	1.75
29	3.5	INV_SLV	Min			-11.4244	29-1	3.5
30	0.	INV_SLU	Max			5.6315	30-1	0.
30	1.75	INV_SLU	Max			2.0637	30-1	1.75
30	3.5	INV_SLU	Max			13.9995	30-1	3.5
30	0.	INV_SLU	Min			-6.0175	30-1	0.
30	1.75	INV_SLU	Min			0.628	30-1	1.75
30	3.5	INV_SLU	Min			9.6656	30-1	3.5
30	0.	INV_SLV	Max			64.2185	30-1	0.
30	1.75	INV_SLV	Max			23.1518	30-1	1.75
30	3.5	INV_SLV	Max			32.838	30-1	3.5
30	0.	INV_SLV	Min			-71.6655	30-1	0.
30	1.75	INV_SLV	Min			-19.751	30-1	1.75
30	3.5	INV_SLV	Min			-18.5893	30-1	3.5
31	0.	INV_SLU	Max			6.8269	31-1	0.
31	1.75	INV_SLU	Max			2.1676	31-1	1.75
31	3.5	INV_SLU	Max			13.432	31-1	3.5
31	0.	INV_SLU	Min			-5.7285	31-1	0.
31	1.75	INV_SLU	Min			0.942	31-1	1.75
31	3.5	INV_SLU	Min			9.6567	31-1	3.5
31	0.	INV_SLV	Max			82.5746	31-1	0.
31	1.75	INV_SLV	Max			28.4547	31-1	1.75
31	3.5	INV_SLV	Max			40.6294	31-1	3.5
31	0.	INV_SLV	Min			-89.4778	31-1	0.
31	1.75	INV_SLV	Min			-24.8759	31-1	1.75
31	3.5	INV_SLV	Min			-26.5686	31-1	3.5
32	0.	INV_SLU	Max			5.6564	32-1	0.
32	1.75	INV_SLU	Max			2.3928	32-1	1.75
32	3.5	INV_SLU	Max			8.6115	32-1	3.5
32	0.	INV_SLU	Min			-4.8483	32-1	0.
32	1.75	INV_SLU	Min			1.8442	32-1	1.75
32	3.5	INV_SLU	Min			8.1964	32-1	3.5
32	0.	INV_SLV	Max			102.9894	32-1	0.
32	1.75	INV_SLV	Max			33.5237	32-1	1.75
32	3.5	INV_SLV	Max			49.3293	32-1	3.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
32	0.	INV_SLV	Min			-108.708	32-1	0.
32	1.75	INV_SLV	Min			-30.1296	32-1	1.75
32	3.5	INV_SLV	Min			-36.8224	32-1	3.5
34	0.	INV_SLU	Max			3.6255	34-1	0.
34	1.75	INV_SLU	Max			0.367	34-1	1.75
34	3.5	INV_SLU	Max			0.5588	34-1	3.5
34	0.	INV_SLU	Min			-1.7735	34-1	0.
34	1.75	INV_SLU	Min			-0.6073	34-1	1.75
34	3.5	INV_SLU	Min			-2.8915	34-1	3.5
34	0.	INV_SLV	Max			57.097	34-1	0.
34	1.75	INV_SLV	Max			12.8503	34-1	1.75
34	3.5	INV_SLV	Max			31.8941	34-1	3.5
34	0.	INV_SLV	Min			-58.4564	34-1	0.
34	1.75	INV_SLV	Min			-13.3829	34-1	1.75
34	3.5	INV_SLV	Min			-31.5999	34-1	3.5
35	0.	INV_SLU	Max			4.935	35-1	0.
35	1.75	INV_SLU	Max			0.6164	35-1	1.75
35	3.5	INV_SLU	Max			0.464	35-1	3.5
35	0.	INV_SLU	Min			-1.4573	35-1	0.
35	1.75	INV_SLU	Min			-0.5187	35-1	1.75
35	3.5	INV_SLU	Min			-3.7022	35-1	3.5
35	0.	INV_SLV	Max			75.6849	35-1	0.
35	1.75	INV_SLV	Max			16.6482	35-1	1.75
35	3.5	INV_SLV	Max			42.693	35-1	3.5
35	0.	INV_SLV	Min			-76.4364	35-1	0.
35	1.75	INV_SLV	Min			-17.0389	35-1	1.75
35	3.5	INV_SLV	Min			-42.723	35-1	3.5
36	0.	INV_SLU	Max			6.2182	36-1	0.
36	1.75	INV_SLU	Max			0.8807	36-1	1.75
36	3.5	INV_SLU	Max			0.4402	36-1	3.5
36	0.	INV_SLU	Min			-1.1626	36-1	0.
36	1.75	INV_SLU	Min			-0.4233	36-1	1.75
36	3.5	INV_SLU	Min			-4.4568	36-1	3.5
36	0.	INV_SLV	Max			95.954	36-1	0.
36	1.75	INV_SLV	Max			20.8634	36-1	1.75
36	3.5	INV_SLV	Max			54.3846	36-1	3.5
36	0.	INV_SLV	Min			-96.1191	36-1	0.
36	1.75	INV_SLV	Min			-21.1002	36-1	1.75

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
36	3.5	INV_SLV	Min			-54.6932	36-1	3.5
37	0.	INV_SLU	Max			6.4185	37-1	0.
37	0.7	INV_SLU	Max			5.8363	37-1	0.7
37	0.7	INV_SLU	Max			4.229	37-2	0.
37	1.4	INV_SLU	Max			3.6451	37-2	0.7
37	1.4	INV_SLU	Max			1.9024	37-3	0.
37	1.75	INV_SLU	Max			1.6054	37-3	0.35
37	2.1	INV_SLU	Max			1.3083	37-3	0.7
37	2.1	INV_SLU	Max			-0.4336	37-4	0.
37	2.8	INV_SLU	Max			0.3206	37-4	0.7
37	2.8	INV_SLU	Max			-0.2564	37-5	0.
37	3.5	INV_SLU	Max			0.5844	37-5	0.7
37	0.	INV_SLU	Min			-1.0721	37-1	0.
37	0.7	INV_SLU	Min			-0.2174	37-1	0.7
37	0.7	INV_SLU	Min			-0.9135	37-2	0.
37	1.4	INV_SLU	Min			-0.0725	37-2	0.7
37	1.4	INV_SLU	Min			-0.7923	37-3	0.
37	1.75	INV_SLU	Min			-0.3755	37-3	0.35
37	2.1	INV_SLU	Min			0.0414	37-3	0.7
37	2.1	INV_SLU	Min			-0.6738	37-4	0.
37	2.8	INV_SLU	Min			-1.1287	37-4	0.7
37	2.8	INV_SLU	Min			-3.4155	37-5	0.
37	3.5	INV_SLU	Min			-4.0503	37-5	0.7
37	0.	INV_SLV	Max			102.3242	37-1	0.
37	0.7	INV_SLV	Max			84.6597	37-1	0.7
37	0.7	INV_SLV	Max			73.319	37-2	0.
37	1.4	INV_SLV	Max			55.6277	37-2	0.7
37	1.4	INV_SLV	Max			41.9695	37-3	0.
37	1.75	INV_SLV	Max			33.1897	37-3	0.35
37	2.1	INV_SLV	Max			24.5021	37-3	0.7
37	2.1	INV_SLV	Max			9.9329	37-4	0.
37	2.8	INV_SLV	Max			10.6153	37-4	0.7
37	2.8	INV_SLV	Max			30.0731	37-5	0.
37	3.5	INV_SLV	Max			48.7879	37-5	0.7
37	0.	INV_SLV	Min			-101.9912	37-1	0.
37	0.7	INV_SLV	Min			-83.519	37-1	0.7
37	0.7	INV_SLV	Min			-73.4318	37-2	0.
37	1.4	INV_SLV	Min			-54.9301	37-2	0.7

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
37	1.4	INV_SLV	Min			-42.5322	37-3	0.
37	1.75	INV_SLV	Min			-33.353	37-3	0.35
37	2.1	INV_SLV	Min			-24.2659	37-3	0.7
37	2.1	INV_SLV	Min			-10.9792	37-4	0.
37	2.8	INV_SLV	Min			-10.8729	37-4	0.7
37	2.8	INV_SLV	Min			-31.8142	37-5	0.
37	3.5	INV_SLV	Min			-49.761	37-5	0.7
38	0.	INV_SLU	Max			-0.3295	38-1	0.
38	0.7	INV_SLU	Max			-0.661	38-1	0.7
38	0.7	INV_SLU	Max			0.1305	38-2	0.
38	1.4	INV_SLU	Max			0.1412	38-2	0.7
38	1.4	INV_SLU	Max			0.8972	38-3	0.
38	1.75	INV_SLU	Max			0.983	38-3	0.35
38	2.1	INV_SLU	Max			1.2795	38-3	0.7
38	2.1	INV_SLU	Max			2.2606	38-4	0.
38	2.8	INV_SLU	Max			2.8881	38-4	0.7
38	2.8	INV_SLU	Max			7.317	38-5	0.
38	3.5	INV_SLU	Max			8.1439	38-5	0.7
38	0.	INV_SLU	Min			-2.2822	38-1	0.
38	0.7	INV_SLU	Min			-1.6479	38-1	0.7
38	0.7	INV_SLU	Min			-0.723	38-2	0.
38	1.4	INV_SLU	Min			-0.1225	38-2	0.7
38	1.4	INV_SLU	Min			0.6624	38-3	0.
38	1.75	INV_SLU	Min			0.849	38-3	0.35
38	2.1	INV_SLU	Min			1.1684	38-3	0.7
38	2.1	INV_SLU	Min			2.0962	38-4	0.
38	2.8	INV_SLU	Min			2.672	38-4	0.7
38	2.8	INV_SLU	Min			6.8522	38-5	0.
38	3.5	INV_SLU	Min			7.9186	38-5	0.7
38	0.	INV_SLV	Max			14.5629	38-1	0.
38	0.7	INV_SLV	Max			10.7696	38-1	0.7
38	0.7	INV_SLV	Max			11.569	38-2	0.
38	1.4	INV_SLV	Max			7.7627	38-2	0.7
38	1.4	INV_SLV	Max			7.6863	38-3	0.
38	1.75	INV_SLV	Max			5.8012	38-3	0.35
38	2.1	INV_SLV	Max			3.9444	38-3	0.7
38	2.1	INV_SLV	Max			3.8998	38-4	0.
38	2.8	INV_SLV	Max			4.027	38-4	0.7

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
38	2.8	INV_SLV	Max			11.6161	38-5	0.
38	3.5	INV_SLV	Max			16.405	38-5	0.7
38	0.	INV_SLV	Min			-17.4306	38-1	0.
38	0.7	INV_SLV	Min			-12.845	38-1	0.7
38	0.7	INV_SLV	Min			-12.3818	38-2	0.
38	1.4	INV_SLV	Min			-7.8229	38-2	0.7
38	1.4	INV_SLV	Min			-6.6664	38-3	0.
38	1.75	INV_SLV	Min			-4.413	38-3	0.35
38	2.1	INV_SLV	Min			-2.188	38-3	0.7
38	2.1	INV_SLV	Min			-0.823	38-4	0.
38	2.8	INV_SLV	Min			-0.1677	38-4	0.7
38	2.8	INV_SLV	Min			-1.8494	38-5	0.
38	3.5	INV_SLV	Min			-5.6225	38-5	0.7
39	0.	INV_SLU	Max			-27.5919	39-1	0.
39	0.4875	INV_SLU	Max			-17.2599	39-1	0.4875
39	0.975	INV_SLU	Max			-8.3177	39-1	0.975
39	1.4625	INV_SLU	Max			-0.7654	39-1	1.4625
39	1.95	INV_SLU	Max			5.397	39-1	1.95
39	2.4375	INV_SLU	Max			10.1696	39-1	2.4375
39	2.925	INV_SLU	Max			13.5522	39-1	2.925
39	3.4125	INV_SLU	Max			15.545	39-1	3.4125
39	3.9	INV_SLU	Max			16.1479	39-1	3.9
39	4.3875	INV_SLU	Max			15.882	39-1	4.3875
39	4.875	INV_SLU	Max			14.422	39-1	4.875
39	5.3625	INV_SLU	Max			11.5722	39-1	5.3625
39	5.85	INV_SLU	Max			7.3324	39-1	5.85
39	6.3375	INV_SLU	Max			1.7028	39-1	6.3375
39	6.825	INV_SLU	Max			-5.3167	39-1	6.825
39	7.3125	INV_SLU	Max			-13.7261	39-1	7.3125
39	7.8	INV_SLU	Max			-23.5254	39-1	7.8
39	0.	INV_SLU	Min			-33.5226	39-1	0.
39	0.4875	INV_SLU	Min			-22.4736	39-1	0.4875
39	0.975	INV_SLU	Min			-12.8146	39-1	0.975
39	1.4625	INV_SLU	Min			-4.5455	39-1	1.4625
39	1.95	INV_SLU	Min			2.3338	39-1	1.95
39	2.4375	INV_SLU	Min			7.8232	39-1	2.4375
39	2.925	INV_SLU	Min			11.9227	39-1	2.925
39	3.4125	INV_SLU	Min			14.6324	39-1	3.4125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
39	3.9	INV_SLU	Min			15.8961	39-1	3.9
39	4.3875	INV_SLU	Min			15.361	39-1	4.3875
39	4.875	INV_SLU	Min			13.1841	39-1	4.875
39	5.3625	INV_SLU	Min			9.6174	39-1	5.3625
39	5.85	INV_SLU	Min			4.6608	39-1	5.85
39	6.3375	INV_SLU	Min			-1.6857	39-1	6.3375
39	6.825	INV_SLU	Min			-9.422	39-1	6.825
39	7.3125	INV_SLU	Min			-18.5483	39-1	7.3125
39	7.8	INV_SLU	Min			-29.0644	39-1	7.8
39	0.	INV_SLV	Max			17.7659	39-1	0.
39	0.4875	INV_SLV	Max			21.0168	39-1	0.4875
39	0.975	INV_SLV	Max			23.1984	39-1	0.975
39	1.4625	INV_SLV	Max			24.311	39-1	1.4625
39	1.95	INV_SLV	Max			24.3544	39-1	1.95
39	2.4375	INV_SLV	Max			23.3287	39-1	2.4375
39	2.925	INV_SLV	Max			21.2338	39-1	2.925
39	3.4125	INV_SLV	Max			18.0699	39-1	3.4125
39	3.9	INV_SLV	Max			13.8371	39-1	3.9
39	4.3875	INV_SLV	Max			15.1277	39-1	4.3875
39	4.875	INV_SLV	Max			18.5583	39-1	4.875
39	5.3625	INV_SLV	Max			20.9199	39-1	5.3625
39	5.85	INV_SLV	Max			22.2123	39-1	5.85
39	6.3375	INV_SLV	Max			22.4357	39-1	6.3375
39	6.825	INV_SLV	Max			21.5899	39-1	6.825
39	7.3125	INV_SLV	Max			19.6749	39-1	7.3125
39	7.8	INV_SLV	Max			16.6909	39-1	7.8
39	0.	INV_SLV	Min			-63.8605	39-1	0.
39	0.4875	INV_SLV	Min			-50.8076	39-1	0.4875
39	0.975	INV_SLV	Min			-38.8237	39-1	0.975
39	1.4625	INV_SLV	Min			-27.909	39-1	1.4625
39	1.95	INV_SLV	Min			-18.0634	39-1	1.95
39	2.4375	INV_SLV	Min			-9.287	39-1	2.4375
39	2.925	INV_SLV	Min			-1.5797	39-1	2.925
39	3.4125	INV_SLV	Min			5.0584	39-1	3.4125
39	3.9	INV_SLV	Min			10.6271	39-1	3.9
39	4.3875	INV_SLV	Min			8.5341	39-1	4.3875
39	4.875	INV_SLV	Min			2.1628	39-1	4.875
39	5.3625	INV_SLV	Min			-5.2777	39-1	5.3625

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
39	5.85	INV_SLV	Min			-13.7874	39-1	5.85
39	6.3375	INV_SLV	Min			-23.3662	39-1	6.3375
39	6.825	INV_SLV	Min			-34.0141	39-1	6.825
39	7.3125	INV_SLV	Min			-45.7312	39-1	7.3125
39	7.8	INV_SLV	Min			-58.5175	39-1	7.8
40	0.	INV_SLU	Max			-26.8442	40-1	0.
40	0.4875	INV_SLU	Max			-16.5985	40-1	0.4875
40	0.975	INV_SLU	Max			-7.7427	40-1	0.975
40	1.4625	INV_SLU	Max			-0.2767	40-1	1.4625
40	1.95	INV_SLU	Max			5.7993	40-1	1.95
40	2.4375	INV_SLU	Max			10.4855	40-1	2.4375
40	2.925	INV_SLU	Max			13.7818	40-1	2.925
40	3.4125	INV_SLU	Max			15.6882	40-1	3.4125
40	3.9	INV_SLU	Max			16.2048	40-1	3.9
40	4.3875	INV_SLU	Max			15.8979	40-1	4.3875
40	4.875	INV_SLU	Max			14.4217	40-1	4.875
40	5.3625	INV_SLU	Max			11.5557	40-1	5.3625
40	5.85	INV_SLU	Max			7.2998	40-1	5.85
40	6.3375	INV_SLU	Max			1.654	40-1	6.3375
40	6.825	INV_SLU	Max			-5.3816	40-1	6.825
40	7.3125	INV_SLU	Max			-13.8072	40-1	7.3125
40	7.8	INV_SLU	Max			-23.6226	40-1	7.8
40	0.	INV_SLU	Min			-33.3614	40-1	0.
40	0.4875	INV_SLU	Min			-22.3286	40-1	0.4875
40	0.975	INV_SLU	Min			-12.6857	40-1	0.975
40	1.4625	INV_SLU	Min			-4.4327	40-1	1.4625
40	1.95	INV_SLU	Min			2.4304	40-1	1.95
40	2.4375	INV_SLU	Min			7.9037	40-1	2.4375
40	2.925	INV_SLU	Min			11.987	40-1	2.925
40	3.4125	INV_SLU	Min			14.6805	40-1	3.4125
40	3.9	INV_SLU	Min			15.9218	40-1	3.9
40	4.3875	INV_SLU	Min			15.3314	40-1	4.3875
40	4.875	INV_SLU	Min			13.0682	40-1	4.875
40	5.3625	INV_SLU	Min			9.4151	40-1	5.3625
40	5.85	INV_SLU	Min			4.3722	40-1	5.85
40	6.3375	INV_SLU	Min			-2.0607	40-1	6.3375
40	6.825	INV_SLU	Min			-9.8834	40-1	6.825
40	7.3125	INV_SLU	Min			-19.096	40-1	7.3125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
40	7.8	INV_SLU	Min			-29.6985	40-1	7.8
40	0.	INV_SLV	Max			29.6752	40-1	0.
40	0.4875	INV_SLV	Max			31.4981	40-1	0.4875
40	0.975	INV_SLV	Max			32.2519	40-1	0.975
40	1.4625	INV_SLV	Max			31.9365	40-1	1.4625
40	1.95	INV_SLV	Max			30.552	40-1	1.95
40	2.4375	INV_SLV	Max			28.0984	40-1	2.4375
40	2.925	INV_SLV	Max			24.5756	40-1	2.925
40	3.4125	INV_SLV	Max			19.9838	40-1	3.4125
40	3.9	INV_SLV	Max			14.3233	40-1	3.9
40	4.3875	INV_SLV	Max			16.0755	40-1	4.3875
40	4.875	INV_SLV	Max			20.8941	40-1	4.875
40	5.3625	INV_SLV	Max			24.6437	40-1	5.3625
40	5.85	INV_SLV	Max			27.3243	40-1	5.85
40	6.3375	INV_SLV	Max			28.9357	40-1	6.3375
40	6.825	INV_SLV	Max			29.4779	40-1	6.825
40	7.3125	INV_SLV	Max			28.9511	40-1	7.3125
40	7.8	INV_SLV	Max			27.3551	40-1	7.8
40	0.	INV_SLV	Min			-75.4056	40-1	0.
40	0.4875	INV_SLV	Min			-60.9645	40-1	0.4875
40	0.975	INV_SLV	Min			-47.5926	40-1	0.975
40	1.4625	INV_SLV	Min			-35.2898	40-1	1.4625
40	1.95	INV_SLV	Min			-24.0562	40-1	1.95
40	2.4375	INV_SLV	Min			-13.8917	40-1	2.4375
40	2.925	INV_SLV	Min			-4.7963	40-1	2.925
40	3.4125	INV_SLV	Min			3.2298	40-1	3.4125
40	3.9	INV_SLV	Min			10.1863	40-1	3.9
40	4.3875	INV_SLV	Min			7.5918	40-1	4.3875
40	4.875	INV_SLV	Min			-0.2073	40-1	4.875
40	5.3625	INV_SLV	Min			-9.0757	40-1	5.3625
40	5.85	INV_SLV	Min			-19.0133	40-1	5.85
40	6.3375	INV_SLV	Min			-30.02	40-1	6.3375
40	6.825	INV_SLV	Min			-42.0959	40-1	6.825
40	7.3125	INV_SLV	Min			-55.2409	40-1	7.3125
40	7.8	INV_SLV	Min			-69.4551	40-1	7.8
41	0.	INV_SLU	Max			-25.7005	41-1	0.
41	0.4875	INV_SLU	Max			-15.595	41-1	0.4875
41	0.975	INV_SLU	Max			-6.8794	41-1	0.975

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
41	1.4625	INV_SLU	Max			0.4464	41-1	1.4625
41	1.95	INV_SLU	Max			6.3823	41-1	1.95
41	2.4375	INV_SLU	Max			10.9283	41-1	2.4375
41	2.925	INV_SLU	Max			14.0844	41-1	2.925
41	3.4125	INV_SLU	Max			15.8507	41-1	3.4125
41	3.9	INV_SLU	Max			16.2271	41-1	3.9
41	4.3875	INV_SLU	Max			15.8052	41-1	4.3875
41	4.875	INV_SLU	Max			14.2325	41-1	4.875
41	5.3625	INV_SLU	Max			11.27	41-1	5.3625
41	5.85	INV_SLU	Max			6.9176	41-1	5.85
41	6.3375	INV_SLU	Max			1.1753	41-1	6.3375
41	6.825	INV_SLU	Max			-5.9569	41-1	6.825
41	7.3125	INV_SLU	Max			-14.4789	41-1	7.3125
41	7.8	INV_SLU	Max			-24.3908	41-1	7.8
41	0.	INV_SLU	Min			-32.5854	41-1	0.
41	0.4875	INV_SLU	Min			-21.6492	41-1	0.4875
41	0.975	INV_SLU	Min			-12.1028	41-1	0.975
41	1.4625	INV_SLU	Min			-3.9463	41-1	1.4625
41	1.95	INV_SLU	Min			2.8203	41-1	1.95
41	2.4375	INV_SLU	Min			8.197	41-1	2.4375
41	2.925	INV_SLU	Min			12.1839	41-1	2.925
41	3.4125	INV_SLU	Min			14.7809	41-1	3.4125
41	3.9	INV_SLU	Min			15.9235	41-1	3.9
41	4.3875	INV_SLU	Min			15.2135	41-1	4.3875
41	4.875	INV_SLU	Min			12.8102	41-1	4.875
41	5.3625	INV_SLU	Min			9.0169	41-1	5.3625
41	5.85	INV_SLU	Min			3.8338	41-1	5.85
41	6.3375	INV_SLU	Min			-2.7393	41-1	6.3375
41	6.825	INV_SLU	Min			-10.7022	41-1	6.825
41	7.3125	INV_SLU	Min			-20.0549	41-1	7.3125
41	7.8	INV_SLU	Min			-30.7976	41-1	7.8
41	0.	INV_SLV	Max			42.9102	41-1	0.
41	0.4875	INV_SLV	Max			43.1397	41-1	0.4875
41	0.975	INV_SLV	Max			42.3001	41-1	0.975
41	1.4625	INV_SLV	Max			40.3914	41-1	1.4625
41	1.95	INV_SLV	Max			37.4135	41-1	1.95
41	2.4375	INV_SLV	Max			33.3665	41-1	2.4375
41	2.925	INV_SLV	Max			28.2504	41-1	2.925

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
41	3.4125	INV_SLV	Max			22.0652	41-1	3.4125
41	3.9	INV_SLV	Max			14.8118	41-1	3.9
41	4.3875	INV_SLV	Max			17.0756	41-1	4.3875
41	4.875	INV_SLV	Max			23.371	41-1	4.875
41	5.3625	INV_SLV	Max			28.5976	41-1	5.3625
41	5.85	INV_SLV	Max			32.7552	41-1	5.85
41	6.3375	INV_SLV	Max			35.8435	41-1	6.3375
41	6.825	INV_SLV	Max			37.8628	41-1	6.825
41	7.3125	INV_SLV	Max			38.813	41-1	7.3125
41	7.8	INV_SLV	Max			38.6939	41-1	7.8
41	0.	INV_SLV	Min			-87.6988	41-1	0.
41	0.4875	INV_SLV	Min			-71.7807	41-1	0.4875
41	0.975	INV_SLV	Min			-56.9318	41-1	0.975
41	1.4625	INV_SLV	Min			-43.152	41-1	1.4625
41	1.95	INV_SLV	Min			-30.4414	41-1	1.95
41	2.4375	INV_SLV	Min			-18.7999	41-1	2.4375
41	2.925	INV_SLV	Min			-8.2276	41-1	2.925
41	3.4125	INV_SLV	Min			1.2755	41-1	3.4125
41	3.9	INV_SLV	Min			9.7086	41-1	3.9
41	4.3875	INV_SLV	Min			6.4862	41-1	4.3875
41	4.875	INV_SLV	Min			-2.9061	41-1	4.875
41	5.3625	INV_SLV	Min			-13.3679	41-1	5.3625
41	5.85	INV_SLV	Min			-24.8988	41-1	5.85
41	6.3375	INV_SLV	Min			-37.4989	41-1	6.3375
41	6.825	INV_SLV	Min			-51.1682	41-1	6.825
41	7.3125	INV_SLV	Min			-65.9066	41-1	7.3125
41	7.8	INV_SLV	Min			-81.7141	41-1	7.8
42	0.	INV_SLU	Max			-20.5526	42-1	0.
42	0.4875	INV_SLU	Max			-11.1254	42-1	0.4875
42	0.975	INV_SLU	Max			-3.0882	42-1	0.975
42	1.4625	INV_SLU	Max			3.5592	42-1	1.4625
42	1.95	INV_SLU	Max			8.8168	42-1	1.95
42	2.4375	INV_SLU	Max			12.6844	42-1	2.4375
42	2.925	INV_SLU	Max			15.1622	42-1	2.925
42	3.4125	INV_SLU	Max			16.25	42-1	3.4125
42	3.9	INV_SLU	Max			15.948	42-1	3.9
42	4.3875	INV_SLU	Max			14.752	42-1	4.3875
42	4.875	INV_SLU	Max			12.2731	42-1	4.875

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
42	5.3625	INV_SLU	Max			8.4044	42-1	5.3625
42	5.85	INV_SLU	Max			3.1458	42-1	5.85
42	6.3375	INV_SLU	Max			-3.5027	42-1	6.3375
42	6.825	INV_SLU	Max			-11.541	42-1	6.825
42	7.3125	INV_SLU	Max			-20.9692	42-1	7.3125
42	7.8	INV_SLU	Max			-31.7873	42-1	7.8
42	0.	INV_SLU	Min			-25.483	42-1	0.
42	0.4875	INV_SLU	Min			-15.453	42-1	0.4875
42	0.975	INV_SLU	Min			-6.8128	42-1	0.975
42	1.4625	INV_SLU	Min			0.4375	42-1	1.4625
42	1.95	INV_SLU	Min			6.298	42-1	1.95
42	2.4375	INV_SLU	Min			10.7547	42-1	2.4375
42	2.925	INV_SLU	Min			13.8176	42-1	2.925
42	3.4125	INV_SLU	Min			15.4906	42-1	3.4125
42	3.9	INV_SLU	Min			15.7737	42-1	3.9
42	4.3875	INV_SLU	Min			14.2562	42-1	4.3875
42	4.875	INV_SLU	Min			11.1744	42-1	4.875
42	5.3625	INV_SLU	Min			6.7028	42-1	5.3625
42	5.85	INV_SLU	Min			0.8413	42-1	5.85
42	6.3375	INV_SLU	Min			-6.4101	42-1	6.3375
42	6.825	INV_SLU	Min			-15.0514	42-1	6.825
42	7.3125	INV_SLU	Min			-25.0825	42-1	7.3125
42	7.8	INV_SLU	Min			-36.5035	42-1	7.8
42	0.	INV_SLV	Max			63.3406	42-1	0.
42	0.4875	INV_SLV	Max			60.7638	42-1	0.4875
42	0.975	INV_SLV	Max			57.1178	42-1	0.975
42	1.4625	INV_SLV	Max			52.4028	42-1	1.4625
42	1.95	INV_SLV	Max			46.6188	42-1	1.95
42	2.4375	INV_SLV	Max			39.766	42-1	2.4375
42	2.925	INV_SLV	Max			31.8447	42-1	2.925
42	3.4125	INV_SLV	Max			22.8571	42-1	3.4125
42	3.9	INV_SLV	Max			12.9184	42-1	3.9
42	4.3875	INV_SLV	Max			21.0199	42-1	4.3875
42	4.875	INV_SLV	Max			29.3109	42-1	4.875
42	5.3625	INV_SLV	Max			36.5357	42-1	5.3625
42	5.85	INV_SLV	Max			42.6922	42-1	5.85
42	6.3375	INV_SLV	Max			47.7799	42-1	6.3375
42	6.825	INV_SLV	Max			51.7985	42-1	6.825

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
42	7.3125	INV_SLV	Max			54.7481	42-1	7.3125
42	7.8	INV_SLV	Max			56.6287	42-1	7.8
42	0.	INV_SLV	Min			-101.7609	42-1	0.
42	0.4875	INV_SLV	Min			-83.8433	42-1	0.4875
42	0.975	INV_SLV	Min			-66.995	42-1	0.975
42	1.4625	INV_SLV	Min			-51.2158	42-1	1.4625
42	1.95	INV_SLV	Min			-36.5059	42-1	1.95
42	2.4375	INV_SLV	Min			-22.8654	42-1	2.4375
42	2.925	INV_SLV	Min			-10.2948	42-1	2.925
42	3.4125	INV_SLV	Min			1.2039	42-1	3.4125
42	3.9	INV_SLV	Min			11.5154	42-1	3.9
42	4.3875	INV_SLV	Min			1.6485	42-1	4.3875
42	4.875	INV_SLV	Min			-10.5462	42-1	4.875
42	5.3625	INV_SLV	Min			-23.8131	42-1	5.3625
42	5.85	INV_SLV	Min			-38.1499	42-1	5.85
42	6.3375	INV_SLV	Min			-53.5561	42-1	6.3375
42	6.825	INV_SLV	Min			-70.0316	42-1	6.825
42	7.3125	INV_SLV	Min			-87.5763	42-1	7.3125
42	7.8	INV_SLV	Min			-106.1902	42-1	7.8
44	0.	INV_SLU	Max			-175.7136	44-1	0.
44	0.49231	INV_SLU	Max			-94.4279	44-1	0.49231
44	0.98462	INV_SLU	Max			-26.9858	44-1	0.98462
44	1.47692	INV_SLU	Max			35.5907	44-1	1.47692
44	1.96923	INV_SLU	Max			89.717	44-1	1.96923
44	2.46154	INV_SLU	Max			125.0372	44-1	2.46154
44	2.95385	INV_SLU	Max			141.5514	44-1	2.95385
44	3.44615	INV_SLU	Max			139.2707	44-1	3.44615
44	3.93846	INV_SLU	Max			118.2257	44-1	3.93846
44	4.43077	INV_SLU	Max			78.3747	44-1	4.43077
44	4.92308	INV_SLU	Max			19.7177	44-1	4.92308
44	5.41538	INV_SLU	Max			-42.5963	44-1	5.41538
44	5.90769	INV_SLU	Max			-113.5018	44-1	5.90769
44	6.4	INV_SLU	Max			-198.2508	44-1	6.4
44	0.	INV_SLU	Min			-239.9836	44-1	0.
44	0.49231	INV_SLU	Min			-129.3863	44-1	0.49231
44	0.98462	INV_SLU	Min			-37.595	44-1	0.98462
44	1.47692	INV_SLU	Min			26.2786	44-1	1.47692
44	1.96923	INV_SLU	Min			66.1218	44-1	1.96923

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
44	2.46154	INV_SLU	Min			92.1213	44-1	2.46154
44	2.95385	INV_SLU	Min			104.2773	44-1	2.95385
44	3.44615	INV_SLU	Min			102.5712	44-1	3.44615
44	3.93846	INV_SLU	Min			86.9519	44-1	3.93846
44	4.43077	INV_SLU	Min			57.489	44-1	4.43077
44	4.92308	INV_SLU	Min			14.1825	44-1	4.92308
44	5.41538	INV_SLU	Min			-57.9681	44-1	5.41538
44	5.90769	INV_SLU	Min			-154.2901	44-1	5.90769
44	6.4	INV_SLU	Min			-269.4182	44-1	6.4
44	0.	INV_SLV	Max			-95.3252	44-1	0.
44	0.49231	INV_SLV	Max			-43.6215	44-1	0.49231
44	0.98462	INV_SLV	Max			-1.292	44-1	0.98462
44	1.47692	INV_SLV	Max			31.6636	44-1	1.47692
44	1.96923	INV_SLV	Max			55.246	44-1	1.96923
44	2.46154	INV_SLV	Max			69.4567	44-1	2.46154
44	2.95385	INV_SLV	Max			74.3037	44-1	2.95385
44	3.44615	INV_SLV	Max			70.0421	44-1	3.44615
44	3.93846	INV_SLV	Max			62.0577	44-1	3.93846
44	4.43077	INV_SLV	Max			45.5184	44-1	4.43077
44	4.92308	INV_SLV	Max			19.6158	44-1	4.92308
44	5.41538	INV_SLV	Max			-15.6585	44-1	5.41538
44	5.90769	INV_SLV	Max			-60.306	44-1	5.90769
44	6.4	INV_SLV	Max			-114.3274	44-1	6.4
44	0.	INV_SLV	Min			-143.2795	44-1	0.
44	0.49231	INV_SLV	Min			-84.8075	44-1	0.49231
44	0.98462	INV_SLV	Min			-35.7102	44-1	0.98462
44	1.47692	INV_SLV	Min			4.0121	44-1	1.47692
44	1.96923	INV_SLV	Min			34.3589	44-1	1.96923
44	2.46154	INV_SLV	Min			55.3285	44-1	2.46154
44	2.95385	INV_SLV	Min			66.9129	44-1	2.95385
44	3.44615	INV_SLV	Min			68.857	44-1	3.44615
44	3.93846	INV_SLV	Min			55.7751	44-1	3.93846
44	4.43077	INV_SLV	Min			32.4992	44-1	4.43077
44	4.92308	INV_SLV	Min			-0.1622	44-1	4.92308
44	5.41538	INV_SLV	Min			-42.2008	44-1	5.41538
44	5.90769	INV_SLV	Min			-93.615	44-1	5.90769
44	6.4	INV_SLV	Min			-154.4042	44-1	6.4
45	0.	INV_SLU	Max			-197.5138	45-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
45	0.49231	INV_SLU	Max			-114.0601	45-1	0.49231
45	0.98462	INV_SLU	Max			-44.4499	45-1	0.98462
45	1.47692	INV_SLU	Max			15.2696	45-1	1.47692
45	1.96923	INV_SLU	Max			72.2422	45-1	1.96923
45	2.46154	INV_SLU	Max			110.4088	45-1	2.46154
45	2.95385	INV_SLU	Max			129.7694	45-1	2.95385
45	3.44615	INV_SLU	Max			130.3239	45-1	3.44615
45	3.93846	INV_SLU	Max			112.0724	45-1	3.93846
45	4.43077	INV_SLU	Max			75.0148	45-1	4.43077
45	4.92308	INV_SLU	Max			19.1512	45-1	4.92308
45	5.41538	INV_SLU	Max			-40.9193	45-1	5.41538
45	5.90769	INV_SLU	Max			-109.7449	45-1	5.90769
45	6.4	INV_SLU	Max			-192.4141	45-1	6.4
45	0.	INV_SLU	Min			-268.5261	45-1	0.
45	0.49231	INV_SLU	Min			-155.1354	45-1	0.49231
45	0.98462	INV_SLU	Min			-60.5507	45-1	0.98462
45	1.47692	INV_SLU	Min			11.2474	45-1	1.47692
45	1.96923	INV_SLU	Min			53.1704	45-1	1.96923
45	2.46154	INV_SLU	Min			81.2498	45-1	2.46154
45	2.95385	INV_SLU	Min			95.4857	45-1	2.95385
45	3.44615	INV_SLU	Min			95.8779	45-1	3.44615
45	3.93846	INV_SLU	Min			82.4266	45-1	3.93846
45	4.43077	INV_SLU	Min			55.1318	45-1	4.43077
45	4.92308	INV_SLU	Min			13.9933	45-1	4.92308
45	5.41538	INV_SLU	Min			-55.5601	45-1	5.41538
45	5.90769	INV_SLU	Min			-149.0358	45-1	5.90769
45	6.4	INV_SLU	Min			-261.3175	45-1	6.4
45	0.	INV_SLV	Max			-117.9191	45-1	0.
45	0.49231	INV_SLV	Max			-63.9022	45-1	0.49231
45	0.98462	INV_SLV	Max			-19.2586	45-1	0.98462
45	1.47692	INV_SLV	Max			16.0124	45-1	1.47692
45	1.96923	INV_SLV	Max			41.9131	45-1	1.96923
45	2.46154	INV_SLV	Max			58.4521	45-1	2.46154
45	2.95385	INV_SLV	Max			65.9603	45-1	2.95385
45	3.44615	INV_SLV	Max			66.7191	45-1	3.44615
45	3.93846	INV_SLV	Max			60.0891	45-1	3.93846
45	4.43077	INV_SLV	Max			44.1328	45-1	4.43077
45	4.92308	INV_SLV	Max			18.8122	45-1	4.92308

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
45	5.41538	INV_SLV	Max			-15.8792	45-1	5.41538
45	5.90769	INV_SLV	Max			-59.9433	45-1	5.90769
45	6.4	INV_SLV	Max			-113.3809	45-1	6.4
45	0.	INV_SLV	Min			-149.9505	45-1	0.
45	0.49231	INV_SLV	Min			-90.8951	45-1	0.49231
45	0.98462	INV_SLV	Min			-41.2151	45-1	0.98462
45	1.47692	INV_SLV	Min			-0.9115	45-1	1.47692
45	1.96923	INV_SLV	Min			30.0135	45-1	1.96923
45	2.46154	INV_SLV	Min			51.5515	45-1	2.46154
45	2.95385	INV_SLV	Min			63.3714	45-1	2.95385
45	3.44615	INV_SLV	Min			63.1918	45-1	3.44615
45	3.93846	INV_SLV	Min			51.6522	45-1	3.93846
45	4.43077	INV_SLV	Min			30.69	45-1	4.43077
45	4.92308	INV_SLV	Min			0.3433	45-1	4.92308
45	5.41538	INV_SLV	Min			-39.3816	45-1	5.41538
45	5.90769	INV_SLV	Min			-88.4825	45-1	5.90769
45	6.4	INV_SLV	Min			-146.9589	45-1	6.4
46	0.	INV_SLU	Max			-191.0419	46-1	0.
46	0.49231	INV_SLU	Max			-109.1545	46-1	0.49231
46	0.98462	INV_SLU	Max			-41.1107	46-1	0.98462
46	1.47692	INV_SLU	Max			17.5652	46-1	1.47692
46	1.96923	INV_SLU	Max			72.4873	46-1	1.96923
46	2.46154	INV_SLU	Max			108.6033	46-1	2.46154
46	2.95385	INV_SLU	Max			125.9132	46-1	2.95385
46	3.44615	INV_SLU	Max			124.4172	46-1	3.44615
46	3.93846	INV_SLU	Max			104.1151	46-1	3.93846
46	4.43077	INV_SLU	Max			65.0069	46-1	4.43077
46	4.92308	INV_SLU	Max			7.0927	46-1	4.92308
46	5.41538	INV_SLU	Max			-51.6771	46-1	5.41538
46	5.90769	INV_SLU	Max			-122.069	46-1	5.90769
46	6.4	INV_SLU	Max			-206.2972	46-1	6.4
46	0.	INV_SLU	Min			-260.0955	46-1	0.
46	0.49231	INV_SLU	Min			-148.7505	46-1	0.49231
46	0.98462	INV_SLU	Min			-56.2115	46-1	0.98462
46	1.47692	INV_SLU	Min			13.0165	46-1	1.47692
46	1.96923	INV_SLU	Min			53.3812	46-1	1.96923
46	2.46154	INV_SLU	Min			79.9024	46-1	2.46154
46	2.95385	INV_SLU	Min			92.5799	46-1	2.95385

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
46	3.44615	INV_SLU	Min			91.4139	46-1	3.44615
46	3.93846	INV_SLU	Min			76.4044	46-1	3.93846
46	4.43077	INV_SLU	Min			47.5512	46-1	4.43077
46	4.92308	INV_SLU	Min			4.8545	46-1	4.92308
46	5.41538	INV_SLU	Min			-69.6328	46-1	5.41538
46	5.90769	INV_SLU	Min			-165.1542	46-1	5.90769
46	6.4	INV_SLU	Min			-279.4861	46-1	6.4
46	0.	INV_SLV	Max			-112.7968	46-1	0.
46	0.49231	INV_SLV	Max			-59.8255	46-1	0.49231
46	0.98462	INV_SLV	Max			-16.2286	46-1	0.98462
46	1.47692	INV_SLV	Max			17.9939	46-1	1.47692
46	1.96923	INV_SLV	Max			42.842	46-1	1.96923
46	2.46154	INV_SLV	Max			58.3158	46-1	2.46154
46	2.95385	INV_SLV	Max			64.4159	46-1	2.95385
46	3.44615	INV_SLV	Max			62.699	46-1	3.44615
46	3.93846	INV_SLV	Max			55.0479	46-1	3.93846
46	4.43077	INV_SLV	Max			38.0249	46-1	4.43077
46	4.92308	INV_SLV	Max			11.6277	46-1	4.92308
46	5.41538	INV_SLV	Max			-24.1439	46-1	5.41538
46	5.90769	INV_SLV	Max			-69.2898	46-1	5.90769
46	6.4	INV_SLV	Max			-123.8102	46-1	6.4
46	0.	INV_SLV	Min			-146.2515	46-1	0.
46	0.49231	INV_SLV	Min			-88.2788	46-1	0.49231
46	0.98462	INV_SLV	Min			-39.6804	46-1	0.98462
46	1.47692	INV_SLV	Min			-0.4566	46-1	1.47692
46	1.96923	INV_SLV	Min			29.3928	46-1	1.96923
46	2.46154	INV_SLV	Min			49.8677	46-1	2.46154
46	2.95385	INV_SLV	Min			60.9673	46-1	2.95385
46	3.44615	INV_SLV	Min			61.1351	46-1	3.44615
46	3.93846	INV_SLV	Min			48.4883	46-1	3.93846
46	4.43077	INV_SLV	Min			26.4646	46-1	4.43077
46	4.92308	INV_SLV	Min			-4.9339	46-1	4.92308
46	5.41538	INV_SLV	Min			-45.7068	46-1	5.41538
46	5.90769	INV_SLV	Min			-95.8542	46-1	5.90769
46	6.4	INV_SLV	Min			-155.376	46-1	6.4
47	0.	INV_SLU	Max			-222.9533	47-1	0.
47	0.49231	INV_SLU	Max			-131.3499	47-1	0.49231
47	0.98462	INV_SLU	Max			-53.5901	47-1	0.98462

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
47	1.47692	INV_SLU	Max			13.8813	47-1	1.47692
47	1.96923	INV_SLU	Max			81.847	47-1	1.96923
47	2.46154	INV_SLU	Max			131.0321	47-1	2.46154
47	2.95385	INV_SLU	Max			161.4113	47-1	2.95385
47	3.44615	INV_SLU	Max			172.9843	47-1	3.44615
47	3.93846	INV_SLU	Max			165.7514	47-1	3.93846
47	4.43077	INV_SLU	Max			139.7124	47-1	4.43077
47	4.92308	INV_SLU	Max			94.8673	47-1	4.92308
47	5.41538	INV_SLU	Max			31.2163	47-1	5.41538
47	5.90769	INV_SLU	Max			-36.9914	47-1	5.90769
47	6.4	INV_SLU	Max			-111.4621	47-1	6.4
47	0.	INV_SLU	Min			-302.954	47-1	0.
47	0.49231	INV_SLU	Min			-178.5447	47-1	0.49231
47	0.98462	INV_SLU	Min			-72.9414	47-1	0.98462
47	1.47692	INV_SLU	Min			10.2836	47-1	1.47692
47	1.96923	INV_SLU	Min			60.3989	47-1	1.96923
47	2.46154	INV_SLU	Min			96.6279	47-1	2.46154
47	2.95385	INV_SLU	Min			119.0135	47-1	2.95385
47	3.44615	INV_SLU	Min			127.5554	47-1	3.44615
47	3.93846	INV_SLU	Min			122.2538	47-1	3.93846
47	4.43077	INV_SLU	Min			103.1085	47-1	4.43077
47	4.92308	INV_SLU	Min			70.1197	47-1	4.92308
47	5.41538	INV_SLU	Min			23.2874	47-1	5.41538
47	5.90769	INV_SLU	Min			-51.4792	47-1	5.90769
47	6.4	INV_SLU	Min			-152.7716	47-1	6.4
47	0.	INV_SLV	Max			-131.6199	47-1	0.
47	0.49231	INV_SLV	Max			-72.9467	47-1	0.49231
47	0.98462	INV_SLV	Max			-23.6478	47-1	0.98462
47	1.47692	INV_SLV	Max			16.2766	47-1	1.47692
47	1.96923	INV_SLV	Max			46.8266	47-1	1.96923
47	2.46154	INV_SLV	Max			68.0023	47-1	2.46154
47	2.95385	INV_SLV	Max			81.502	47-1	2.95385
47	3.44615	INV_SLV	Max			90.7407	47-1	3.44615
47	3.93846	INV_SLV	Max			90.6052	47-1	3.93846
47	4.43077	INV_SLV	Max			81.0954	47-1	4.43077
47	4.92308	INV_SLV	Max			62.2111	47-1	4.92308
47	5.41538	INV_SLV	Max			33.9524	47-1	5.41538
47	5.90769	INV_SLV	Max			-3.6807	47-1	5.90769

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
47	6.4	INV_SLV	Max			-50.6883	47-1	6.4
47	0.	INV_SLV	Min			-170.7956	47-1	0.
47	0.49231	INV_SLV	Min			-105.31	47-1	0.49231
47	0.98462	INV_SLV	Min			-49.1988	47-1	0.98462
47	1.47692	INV_SLV	Min			-2.4621	47-1	1.47692
47	1.96923	INV_SLV	Min			34.9002	47-1	1.96923
47	2.46154	INV_SLV	Min			62.888	47-1	2.46154
47	2.95385	INV_SLV	Min			79.8028	47-1	2.95385
47	3.44615	INV_SLV	Min			82.2299	47-1	3.44615
47	3.93846	INV_SLV	Min			75.2822	47-1	3.93846
47	4.43077	INV_SLV	Min			58.9601	47-1	4.43077
47	4.92308	INV_SLV	Min			33.2635	47-1	4.92308
47	5.41538	INV_SLV	Min			-1.8075	47-1	5.41538
47	5.90769	INV_SLV	Min			-46.2529	47-1	5.90769
47	6.4	INV_SLV	Min			-100.0728	47-1	6.4
49	0.	INV_SLU	Max			-268.533	49-1	0.
49	0.49231	INV_SLU	Max			-154.3896	49-1	0.49231
49	0.98462	INV_SLU	Max			-59.245	49-1	0.98462
49	1.47692	INV_SLU	Max			25.6761	49-1	1.47692
49	1.96923	INV_SLU	Max			112.6956	49-1	1.96923
49	2.46154	INV_SLU	Max			170.7914	49-1	2.46154
49	2.95385	INV_SLU	Max			199.9636	49-1	2.95385
49	3.44615	INV_SLU	Max			200.2287	49-1	3.44615
49	3.93846	INV_SLU	Max			171.5887	49-1	3.93846
49	4.43077	INV_SLU	Max			114.025	49-1	4.43077
49	4.92308	INV_SLU	Max			27.5377	49-1	4.92308
49	5.41538	INV_SLU	Max			-57.6239	49-1	5.41538
49	5.90769	INV_SLU	Max			-152.408	49-1	5.90769
49	6.4	INV_SLU	Max			-266.1907	49-1	6.4
49	0.	INV_SLU	Min			-409.1533	49-1	0.
49	0.49231	INV_SLU	Min			-235.3278	49-1	0.49231
49	0.98462	INV_SLU	Min			-90.426	49-1	0.98462
49	1.47692	INV_SLU	Min			16.6945	49-1	1.47692
49	1.96923	INV_SLU	Min			73.9002	49-1	1.96923
49	2.46154	INV_SLU	Min			112.1072	49-1	2.46154
49	2.95385	INV_SLU	Min			131.3155	49-1	2.95385
49	3.44615	INV_SLU	Min			131.4975	49-1	3.44615
49	3.93846	INV_SLU	Min			112.6498	49-1	3.93846

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
49	4.43077	INV_SLU	Min			74.8035	49-1	4.43077
49	4.92308	INV_SLU	Min			17.9584	49-1	4.92308
49	5.41538	INV_SLU	Min			-88.0301	49-1	5.41538
49	5.90769	INV_SLU	Min			-232.3998	49-1	5.90769
49	6.4	INV_SLU	Min			-405.6931	49-1	6.4
49	0.	INV_SLV	Max			-167.7937	49-1	0.
49	0.49231	INV_SLV	Max			-92.8573	49-1	0.49231
49	0.98462	INV_SLV	Max			-30.7321	49-1	0.98462
49	1.47692	INV_SLV	Max			18.5819	49-1	1.47692
49	1.96923	INV_SLV	Max			55.0848	49-1	1.96923
49	2.46154	INV_SLV	Max			78.7765	49-1	2.46154
49	2.95385	INV_SLV	Max			89.675	49-1	2.95385
49	3.44615	INV_SLV	Max			89.6511	49-1	3.44615
49	3.93846	INV_SLV	Max			79.0493	49-1	3.93846
49	4.43077	INV_SLV	Max			55.6366	49-1	4.43077
49	4.92308	INV_SLV	Max			19.4128	49-1	4.92308
49	5.41538	INV_SLV	Max			-29.6222	49-1	5.41538
49	5.90769	INV_SLV	Max			-91.4683	49-1	5.90769
49	6.4	INV_SLV	Max			-166.1257	49-1	6.4
49	0.	INV_SLV	Min			-194.8533	49-1	0.
49	0.49231	INV_SLV	Min			-115.7764	49-1	0.49231
49	0.98462	INV_SLV	Min			-49.5106	49-1	0.98462
49	1.47692	INV_SLV	Min			3.9439	49-1	1.47692
49	1.96923	INV_SLV	Min			44.5873	49-1	1.96923
49	2.46154	INV_SLV	Min			72.4194	49-1	2.46154
49	2.95385	INV_SLV	Min			87.4222	49-1	2.95385
49	3.44615	INV_SLV	Min			87.7252	49-1	3.44615
49	3.93846	INV_SLV	Min			72.9837	49-1	3.93846
49	4.43077	INV_SLV	Min			45.4307	49-1	4.43077
49	4.92308	INV_SLV	Min			5.0664	49-1	4.92308
49	5.41538	INV_SLV	Min			-48.1091	49-1	5.41538
49	5.90769	INV_SLV	Min			-114.0958	49-1	5.90769
49	6.4	INV_SLV	Min			-192.8937	49-1	6.4
50	0.	INV_SLU	Max			-267.864	50-1	0.
50	0.49231	INV_SLU	Max			-153.8093	50-1	0.49231
50	0.98462	INV_SLU	Max			-58.7534	50-1	0.98462
50	1.47692	INV_SLU	Max			26.1594	50-1	1.47692
50	1.96923	INV_SLU	Max			113.0738	50-1	1.96923

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
50	2.46154	INV_SLU	Max			171.0647	50-1	2.46154
50	2.95385	INV_SLU	Max			200.1319	50-1	2.95385
50	3.44615	INV_SLU	Max			200.2984	50-1	3.44615
50	3.93846	INV_SLU	Max			171.5599	50-1	3.93846
50	4.43077	INV_SLU	Max			113.8979	50-1	4.43077
50	4.92308	INV_SLU	Max			27.3121	50-1	4.92308
50	5.41538	INV_SLU	Max			-57.8762	50-1	5.41538
50	5.90769	INV_SLU	Max			-152.7381	50-1	5.90769
50	6.4	INV_SLU	Max			-266.5986	50-1	6.4
50	0.	INV_SLU	Min			-408.3945	50-1	0.
50	0.49231	INV_SLU	Min			-234.6675	50-1	0.49231
50	0.98462	INV_SLU	Min			-89.864	50-1	0.98462
50	1.47692	INV_SLU	Min			17.0644	50-1	1.47692
50	1.96923	INV_SLU	Min			74.1924	50-1	1.96923
50	2.46154	INV_SLU	Min			112.3216	50-1	2.46154
50	2.95385	INV_SLU	Min			131.4521	50-1	2.95385
50	3.44615	INV_SLU	Min			131.5455	50-1	3.44615
50	3.93846	INV_SLU	Min			112.6091	50-1	3.93846
50	4.43077	INV_SLU	Min			74.674	50-1	4.43077
50	4.92308	INV_SLU	Min			17.7402	50-1	4.92308
50	5.41538	INV_SLU	Min			-88.3869	50-1	5.41538
50	5.90769	INV_SLU	Min			-232.8615	50-1	5.90769
50	6.4	INV_SLU	Min			-406.2599	50-1	6.4
50	0.	INV_SLV	Max			-167.0808	50-1	0.
50	0.49231	INV_SLV	Max			-92.2854	50-1	0.49231
50	0.98462	INV_SLV	Max			-30.3012	50-1	0.98462
50	1.47692	INV_SLV	Max			18.8718	50-1	1.47692
50	1.96923	INV_SLV	Max			55.2337	50-1	1.96923
50	2.46154	INV_SLV	Max			78.7845	50-1	2.46154
50	2.95385	INV_SLV	Max			89.5251	50-1	2.95385
50	3.44615	INV_SLV	Max			90.0026	50-1	3.44615
50	3.93846	INV_SLV	Max			79.4161	50-1	3.93846
50	4.43077	INV_SLV	Max			56.0189	50-1	4.43077
50	4.92308	INV_SLV	Max			19.8107	50-1	4.92308
50	5.41538	INV_SLV	Max			-29.2088	50-1	5.41538
50	5.90769	INV_SLV	Max			-91.0394	50-1	5.90769
50	6.4	INV_SLV	Max			-165.6812	50-1	6.4
50	0.	INV_SLV	Min			-194.6112	50-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
50	0.49231	INV_SLV	Min			-115.5187	50-1	0.49231
50	0.98462	INV_SLV	Min			-49.2374	50-1	0.98462
50	1.47692	INV_SLV	Min			4.2327	50-1	1.47692
50	1.96923	INV_SLV	Min			44.8916	50-1	1.96923
50	2.46154	INV_SLV	Min			72.7391	50-1	2.46154
50	2.95385	INV_SLV	Min			87.7745	50-1	2.95385
50	3.44615	INV_SLV	Min			87.4507	50-1	3.44615
50	3.93846	INV_SLV	Min			72.5684	50-1	3.93846
50	4.43077	INV_SLV	Min			44.8744	50-1	4.43077
50	4.92308	INV_SLV	Min			4.3691	50-1	4.92308
50	5.41538	INV_SLV	Min			-48.9474	50-1	5.41538
50	5.90769	INV_SLV	Min			-115.075	50-1	5.90769
50	6.4	INV_SLV	Min			-194.0139	50-1	6.4
51	0.	INV_SLU	Max			-267.7799	51-1	0.
51	0.49231	INV_SLU	Max			-153.8044	51-1	0.49231
51	0.98462	INV_SLU	Max			-58.8276	51-1	0.98462
51	1.47692	INV_SLU	Max			25.981	51-1	1.47692
51	1.96923	INV_SLU	Max			112.7496	51-1	1.96923
51	2.46154	INV_SLU	Max			170.5944	51-1	2.46154
51	2.95385	INV_SLU	Max			199.5157	51-1	2.95385
51	3.44615	INV_SLU	Max			199.5133	51-1	3.44615
51	3.93846	INV_SLU	Max			170.6016	51-1	3.93846
51	4.43077	INV_SLU	Max			112.7818	51-1	4.43077
51	4.92308	INV_SLU	Max			26.0383	51-1	4.92308
51	5.41538	INV_SLU	Max			-58.8057	51-1	5.41538
51	5.90769	INV_SLU	Max			-153.7664	51-1	5.90769
51	6.4	INV_SLU	Max			-267.7257	51-1	6.4
51	0.	INV_SLU	Min			-408.0908	51-1	0.
51	0.49231	INV_SLU	Min			-234.5215	51-1	0.49231
51	0.98462	INV_SLU	Min			-89.8758	51-1	0.98462
51	1.47692	INV_SLU	Min			16.9257	51-1	1.47692
51	1.96923	INV_SLU	Min			73.9548	51-1	1.96923
51	2.46154	INV_SLU	Min			111.9851	51-1	2.46154
51	2.95385	INV_SLU	Min			131.0168	51-1	2.95385
51	3.44615	INV_SLU	Min			131.0497	51-1	3.44615
51	3.93846	INV_SLU	Min			112.0599	51-1	3.93846
51	4.43077	INV_SLU	Min			74.0457	51-1	4.43077
51	4.92308	INV_SLU	Min			17.0327	51-1	4.92308

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
51	5.41538	INV_SLU	Min			-89.7328	51-1	5.41538
51	5.90769	INV_SLU	Min			-234.3534	51-1	5.90769
51	6.4	INV_SLU	Min			-407.8976	51-1	6.4
51	0.	INV_SLV	Max			-168.8953	51-1	0.
51	0.49231	INV_SLV	Max			-93.5968	51-1	0.49231
51	0.98462	INV_SLV	Max			-31.1094	51-1	0.98462
51	1.47692	INV_SLV	Max			18.5668	51-1	1.47692
51	1.96923	INV_SLV	Max			55.4318	51-1	1.96923
51	2.46154	INV_SLV	Max			79.4856	51-1	2.46154
51	2.95385	INV_SLV	Max			90.7283	51-1	2.95385
51	3.44615	INV_SLV	Max			89.1601	51-1	3.44615
51	3.93846	INV_SLV	Max			76.3978	51-1	3.93846
51	4.43077	INV_SLV	Max			52.3791	51-1	4.43077
51	4.92308	INV_SLV	Max			15.5495	51-1	4.92308
51	5.41538	INV_SLV	Max			-34.0912	51-1	5.41538
51	5.90769	INV_SLV	Max			-96.5431	51-1	5.90769
51	6.4	INV_SLV	Max			-171.8063	51-1	6.4
51	0.	INV_SLV	Min			-192.6588	51-1	0.
51	0.49231	INV_SLV	Min			-114.1877	51-1	0.49231
51	0.98462	INV_SLV	Min			-48.5277	51-1	0.98462
51	1.47692	INV_SLV	Min			4.3211	51-1	1.47692
51	1.96923	INV_SLV	Min			44.3587	51-1	1.96923
51	2.46154	INV_SLV	Min			71.5851	51-1	2.46154
51	2.95385	INV_SLV	Min			86.0003	51-1	2.95385
51	3.44615	INV_SLV	Min			87.6039	51-1	3.44615
51	3.93846	INV_SLV	Min			74.7793	51-1	3.93846
51	4.43077	INV_SLV	Min			47.5886	51-1	4.43077
51	4.92308	INV_SLV	Min			7.5865	51-1	4.92308
51	5.41538	INV_SLV	Min			-45.2268	51-1	5.41538
51	5.90769	INV_SLV	Min			-110.8513	51-1	5.90769
51	6.4	INV_SLV	Min			-189.287	51-1	6.4
52	0.	INV_SLU	Max			-268.9942	52-1	0.
52	0.49231	INV_SLU	Max			-153.5077	52-1	0.49231
52	0.98462	INV_SLU	Max			-57.0199	52-1	0.98462
52	1.47692	INV_SLU	Max			30.6808	52-1	1.47692
52	1.96923	INV_SLU	Max			119.8962	52-1	1.96923
52	2.46154	INV_SLU	Max			180.188	52-1	2.46154
52	2.95385	INV_SLU	Max			211.5935	52-1	2.95385

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
52	3.44615	INV_SLU	Max			214.1238	52-1	3.44615
52	3.93846	INV_SLU	Max			187.7305	52-1	3.93846
52	4.43077	INV_SLU	Max			132.4136	52-1	4.43077
52	4.92308	INV_SLU	Max			48.173	52-1	4.92308
52	5.41538	INV_SLU	Max			-42.7945	52-1	5.41538
52	5.90769	INV_SLU	Max			-136.1508	52-1	5.90769
52	6.4	INV_SLU	Max			-248.5058	52-1	6.4
52	0.	INV_SLU	Min			-410.9851	52-1	0.
52	0.49231	INV_SLU	Min			-234.9129	52-1	0.49231
52	0.98462	INV_SLU	Min			-87.7644	52-1	0.98462
52	1.47692	INV_SLU	Min			20.102	52-1	1.47692
52	1.96923	INV_SLU	Min			78.7355	52-1	1.96923
52	2.46154	INV_SLU	Min			118.3702	52-1	2.46154
52	2.95385	INV_SLU	Min			138.9441	52-1	2.95385
52	3.44615	INV_SLU	Min			140.4383	52-1	3.44615
52	3.93846	INV_SLU	Min			122.9337	52-1	3.93846
52	4.43077	INV_SLU	Min			86.4305	52-1	4.43077
52	4.92308	INV_SLU	Min			30.9285	52-1	4.92308
52	5.41538	INV_SLU	Min			-65.4579	52-1	5.41538
52	5.90769	INV_SLU	Min			-207.6316	52-1	5.90769
52	6.4	INV_SLU	Min			-378.729	52-1	6.4
52	0.	INV_SLV	Max			-155.8225	52-1	0.
52	0.49231	INV_SLV	Max			-82.5278	52-1	0.49231
52	0.98462	INV_SLV	Max			-22.0443	52-1	0.98462
52	1.47692	INV_SLV	Max			25.6281	52-1	1.47692
52	1.96923	INV_SLV	Max			60.4892	52-1	1.96923
52	2.46154	INV_SLV	Max			82.5391	52-1	2.46154
52	2.95385	INV_SLV	Max			95.683	52-1	2.95385
52	3.44615	INV_SLV	Max			101.4	52-1	3.44615
52	3.93846	INV_SLV	Max			94.3058	52-1	3.93846
52	4.43077	INV_SLV	Max			74.4005	52-1	4.43077
52	4.92308	INV_SLV	Max			41.684	52-1	4.92308
52	5.41538	INV_SLV	Max			-3.8437	52-1	5.41538
52	5.90769	INV_SLV	Max			-62.1826	52-1	5.90769
52	6.4	INV_SLV	Max			-133.3327	52-1	6.4
52	0.	INV_SLV	Min			-207.6544	52-1	0.
52	0.49231	INV_SLV	Min			-125.0702	52-1	0.49231
52	0.98462	INV_SLV	Min			-55.2972	52-1	0.98462

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
52	1.47692	INV_SLV	Min			1.6646	52-1	1.47692
52	1.96923	INV_SLV	Min			45.8153	52-1	1.96923
52	2.46154	INV_SLV	Min			77.1547	52-1	2.46154
52	2.95385	INV_SLV	Min			91.7778	52-1	2.95385
52	3.44615	INV_SLV	Min			88.2054	52-1	3.44615
52	3.93846	INV_SLV	Min			71.8218	52-1	3.93846
52	4.43077	INV_SLV	Min			42.6269	52-1	4.43077
52	4.92308	INV_SLV	Min			0.6209	52-1	4.92308
52	5.41538	INV_SLV	Min			-54.1963	52-1	5.41538
52	5.90769	INV_SLV	Min			-121.8247	52-1	5.90769
52	6.4	INV_SLV	Min			-202.2643	52-1	6.4
53	0.	INV_SLU	Max			-109.6591	53-1	0.
53	0.4	INV_SLU	Max			-62.6591	53-1	0.4
53	0.8	INV_SLU	Max			-24.798	53-1	0.8
53	0.8	INV_SLU	Max			-2.0978	53-2	0.
53	1.2	INV_SLU	Max			5.2846	53-2	0.4
53	1.6	INV_SLU	Max			1.2384	53-2	0.8
53	1.6	INV_SLU	Max			-1.9432	53-3	0.
53	2.	INV_SLU	Max			1.9721	53-3	0.4
53	2.4	INV_SLU	Max			-3.8785	53-3	0.8
53	2.4	INV_SLU	Max			-3.1878	53-4	0.
53	2.8	INV_SLU	Max			1.6861	53-4	0.4
53	3.2	INV_SLU	Max			-2.9829	53-4	0.8
53	3.2	INV_SLU	Max			-3.4072	53-5	0.
53	3.6	INV_SLU	Max			1.6558	53-5	0.4
53	4.	INV_SLU	Max			-2.8549	53-5	0.8
53	4.	INV_SLU	Max			-3.3679	53-6	0.
53	4.4	INV_SLU	Max			2.0029	53-6	0.4
53	4.8	INV_SLU	Max			-2.5238	53-6	0.8
53	4.8	INV_SLU	Max			-3.8792	53-7	0.
53	5.2	INV_SLU	Max			1.5252	53-7	0.4
53	5.6	INV_SLU	Max			-3.1879	53-7	0.8
53	5.6	INV_SLU	Max			-2.6394	53-8	0.
53	6.	INV_SLU	Max			8.9596	53-8	0.4
53	6.4	INV_SLU	Max			8.6016	53-8	0.8
53	0.	INV_SLU	Min			-167.2432	53-1	0.
53	0.4	INV_SLU	Min			-95.9704	53-1	0.4
53	0.8	INV_SLU	Min			-37.1126	53-1	0.8

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
53	0.8	INV_SLU	Min			-3.3138	53-2	0.
53	1.2	INV_SLU	Min			3.4509	53-2	0.4
53	1.6	INV_SLU	Min			0.2435	53-2	0.8
53	1.6	INV_SLU	Min			-3.1907	53-3	0.
53	2.	INV_SLU	Min			1.3808	53-3	0.4
53	2.4	INV_SLU	Min			-5.6133	53-3	0.8
53	2.4	INV_SLU	Min			-4.9836	53-4	0.
53	2.8	INV_SLU	Min			1.2286	53-4	0.4
53	3.2	INV_SLU	Min			-4.3657	53-4	0.8
53	3.2	INV_SLU	Min			-5.1771	53-5	0.
53	3.6	INV_SLU	Min			1.1731	53-5	0.4
53	4.	INV_SLU	Min			-4.2446	53-5	0.8
53	4.	INV_SLU	Min			-4.9359	53-6	0.
53	4.4	INV_SLU	Min			1.3396	53-6	0.4
53	4.8	INV_SLU	Min			-3.8139	53-6	0.8
53	4.8	INV_SLU	Min			-5.3171	53-7	0.
53	5.2	INV_SLU	Min			0.7562	53-7	0.4
53	5.6	INV_SLU	Min			-4.383	53-7	0.8
53	5.6	INV_SLU	Min			-3.1464	53-8	0.
53	6.	INV_SLU	Min			6.3966	53-8	0.4
53	6.4	INV_SLU	Min			6.3753	53-8	0.8
53	0.	INV_SLV	Max			-70.3425	53-1	0.
53	0.4	INV_SLV	Max			-39.1267	53-1	0.4
53	0.8	INV_SLV	Max			-14.0668	53-1	0.8
53	0.8	INV_SLV	Max			15.0725	53-2	0.
53	1.2	INV_SLV	Max			8.1945	53-2	0.4
53	1.6	INV_SLV	Max			5.3222	53-2	0.8
53	1.6	INV_SLV	Max			15.0481	53-3	0.
53	2.	INV_SLV	Max			3.9691	53-3	0.4
53	2.4	INV_SLV	Max			7.9125	53-3	0.8
53	2.4	INV_SLV	Max			12.907	53-4	0.
53	2.8	INV_SLV	Max			1.555	53-4	0.4
53	3.2	INV_SLV	Max			11.7843	53-4	0.8
53	3.2	INV_SLV	Max			10.5073	53-5	0.
53	3.6	INV_SLV	Max			2.2187	53-5	0.4
53	4.	INV_SLV	Max			13.8407	53-5	0.8
53	4.	INV_SLV	Max			6.8164	53-6	0.
53	4.4	INV_SLV	Max			4.761	53-6	0.4

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
53	4.8	INV_SLV	Max			15.0554	53-6	0.8
53	4.8	INV_SLV	Max			1.2671	53-7	0.
53	5.2	INV_SLV	Max			6.689	53-7	0.4
53	5.6	INV_SLV	Max			13.8738	53-7	0.8
53	5.6	INV_SLV	Max			-0.0534	53-8	0.
53	6.	INV_SLV	Max			9.0498	53-8	0.4
53	6.4	INV_SLV	Max			11.9759	53-8	0.8
53	0.	INV_SLV	Min			-77.5006	53-1	0.
53	0.4	INV_SLV	Min			-45.4159	53-1	0.4
53	0.8	INV_SLV	Min			-19.5526	53-1	0.8
53	0.8	INV_SLV	Min			-18.5551	53-2	0.
53	1.2	INV_SLV	Min			-3.5228	53-2	0.4
53	1.6	INV_SLV	Min			-4.8733	53-2	0.8
53	1.6	INV_SLV	Min			-18.2602	53-3	0.
53	2.	INV_SLV	Min			-2.0796	53-3	0.4
53	2.4	INV_SLV	Min			-13.2986	53-3	0.8
53	2.4	INV_SLV	Min			-17.7648	53-4	0.
53	2.8	INV_SLV	Min			0.1039	53-4	0.4
53	3.2	INV_SLV	Min			-15.9859	53-4	0.8
53	3.2	INV_SLV	Min			-15.592	53-5	0.
53	3.6	INV_SLV	Min			-0.5912	53-5	0.4
53	4.	INV_SLV	Min			-17.8782	53-5	0.8
53	4.	INV_SLV	Min			-11.722	53-6	0.
53	4.4	INV_SLV	Min			-2.819	53-6	0.4
53	4.8	INV_SLV	Min			-18.6428	53-6	0.8
53	4.8	INV_SLV	Min			-6.6856	53-7	0.
53	5.2	INV_SLV	Min			-5.4707	53-7	0.4
53	5.6	INV_SLV	Min			-18.3959	53-7	0.8
53	5.6	INV_SLV	Min			-3.6229	53-8	0.
53	6.	INV_SLV	Min			-0.2187	53-8	0.4
53	6.4	INV_SLV	Min			-3.0146	53-8	0.8
60	0.	INV_SLU	Max			18.6939	60-1	0.
60	1.75	INV_SLU	Max			-12.2017	60-1	1.75
60	3.5	INV_SLU	Max			-37.324	60-1	3.5
60	0.	INV_SLU	Min			16.6849	60-1	0.
60	1.75	INV_SLU	Min			-13.9088	60-1	1.75
60	3.5	INV_SLU	Min			-42.0165	60-1	3.5
60	0.	INV_SLV	Max			123.8948	60-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
60	1.75	INV_SLV	Max			26.1829	60-1	1.75
60	3.5	INV_SLV	Max			15.8738	60-1	3.5
60	0.	INV_SLV	Min			-101.1384	60-1	0.
60	1.75	INV_SLV	Min			-43.2879	60-1	1.75
60	3.5	INV_SLV	Min			-72.8403	60-1	3.5
61	0.	INV_SLU	Max			5.1823	61-1	0.
61	1.75	INV_SLU	Max			-3.8079	61-1	1.75
61	3.5	INV_SLU	Max			-6.5277	61-1	3.5
61	0.	INV_SLU	Min			2.4323	61-1	0.
61	1.75	INV_SLU	Min			-5.2664	61-1	1.75
61	3.5	INV_SLU	Min			-11.0867	61-1	3.5
61	0.	INV_SLV	Max			94.4056	61-1	0.
61	1.75	INV_SLV	Max			26.0622	61-1	1.75
61	3.5	INV_SLV	Max			27.9783	61-1	3.5
61	0.	INV_SLV	Min			-90.7005	61-1	0.
61	1.75	INV_SLV	Min			-31.8928	61-1	1.75
61	3.5	INV_SLV	Min			-43.3448	61-1	3.5
62	0.	INV_SLU	Max			6.0244	62-1	0.
62	1.75	INV_SLU	Max			-3.5428	62-1	1.75
62	3.5	INV_SLU	Max			-6.3416	62-1	3.5
62	0.	INV_SLU	Min			2.3471	62-1	0.
62	1.75	INV_SLU	Min			-4.7523	62-1	1.75
62	3.5	INV_SLU	Min			-10.3696	62-1	3.5
62	0.	INV_SLV	Max			75.3761	62-1	0.
62	1.75	INV_SLV	Max			20.6704	62-1	1.75
62	3.5	INV_SLV	Max			20.2597	62-1	3.5
62	0.	INV_SLV	Min			-71.5863	62-1	0.
62	1.75	INV_SLV	Min			-26.0629	62-1	1.75
62	3.5	INV_SLV	Min			-34.8346	62-1	3.5
63	0.	INV_SLU	Max			7.1563	63-1	0.
63	1.75	INV_SLU	Max			-3.4404	63-1	1.75
63	3.5	INV_SLU	Max			-6.7736	63-1	3.5
63	0.	INV_SLU	Min			2.5645	63-1	0.
63	1.75	INV_SLU	Min			-4.4439	63-1	1.75
63	3.5	INV_SLU	Min			-10.2981	63-1	3.5
63	0.	INV_SLV	Max			57.673	63-1	0.
63	1.75	INV_SLV	Max			15.4925	63-1	1.75
63	3.5	INV_SLV	Max			12.6114	63-1	3.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
63	0.	INV_SLV	Min			-53.4156	63-1	0.
63	1.75	INV_SLV	Min			-20.6638	63-1	1.75
63	3.5	INV_SLV	Min			-27.2115	63-1	3.5
64	0.	INV_SLU	Max			8.4584	64-1	0.
64	1.75	INV_SLU	Max			-3.4337	64-1	1.75
64	3.5	INV_SLU	Max			-7.5684	64-1	3.5
64	0.	INV_SLU	Min			2.9713	64-1	0.
64	1.75	INV_SLU	Min			-4.2585	64-1	1.75
64	3.5	INV_SLU	Min			-10.6303	64-1	3.5
64	0.	INV_SLV	Max			41.5399	64-1	0.
64	1.75	INV_SLV	Max			10.8095	64-1	1.75
64	3.5	INV_SLV	Max			5.0947	64-1	3.5
64	0.	INV_SLV	Min			-36.5681	64-1	0.
64	1.75	INV_SLV	Min			-15.8993	64-1	1.75
64	3.5	INV_SLV	Min			-20.2461	64-1	3.5
65	0.	INV_SLU	Max			9.5943	65-1	0.
65	1.75	INV_SLU	Max			-3.3384	65-1	1.75
65	3.5	INV_SLU	Max			-8.0089	65-1	3.5
65	0.	INV_SLU	Min			3.2121	65-1	0.
65	1.75	INV_SLU	Min			-3.9758	65-1	1.75
65	3.5	INV_SLU	Min			-10.6084	65-1	3.5
65	0.	INV_SLV	Max			39.6176	65-1	0.
65	1.75	INV_SLV	Max			10.2123	65-1	1.75
65	3.5	INV_SLV	Max			4.2562	65-1	3.5
65	0.	INV_SLV	Min			-34.1605	65-1	0.
65	1.75	INV_SLV	Min			-15.0909	65-1	1.75
65	3.5	INV_SLV	Min			-19.4706	65-1	3.5
66	0.	INV_SLU	Max			-115.005	66-1	0.
66	0.4875	INV_SLU	Max			-76.0426	66-1	0.4875
66	0.975	INV_SLU	Max			-42.0349	66-1	0.975
66	1.4625	INV_SLU	Max			-12.9819	66-1	1.4625
66	1.95	INV_SLU	Max			11.1163	66-1	1.95
66	2.4375	INV_SLU	Max			30.2598	66-1	2.4375
66	2.925	INV_SLU	Max			44.4486	66-1	2.925
66	3.4125	INV_SLU	Max			53.6827	66-1	3.4125
66	3.9	INV_SLU	Max			57.962	66-1	3.9
66	4.3875	INV_SLU	Max			57.3063	66-1	4.3875
66	4.875	INV_SLU	Max			51.7347	66-1	4.875

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
66	5.3625	INV_SLU	Max			41.2432	66-1	5.3625
66	5.85	INV_SLU	Max			25.7969	66-1	5.85
66	6.3375	INV_SLU	Max			5.3959	66-1	6.3375
66	6.825	INV_SLU	Max			-19.9598	66-1	6.825
66	7.3125	INV_SLU	Max			-50.2702	66-1	7.3125
66	7.8	INV_SLU	Max			-85.5354	66-1	7.8
66	0.	INV_SLU	Min			-115.8596	66-1	0.
66	0.4875	INV_SLU	Min			-76.8039	66-1	0.4875
66	0.975	INV_SLU	Min			-42.7029	66-1	0.975
66	1.4625	INV_SLU	Min			-13.5567	66-1	1.4625
66	1.95	INV_SLU	Min			10.6348	66-1	1.95
66	2.4375	INV_SLU	Min			29.8716	66-1	2.4375
66	2.925	INV_SLU	Min			44.1537	66-1	2.925
66	3.4125	INV_SLU	Min			53.481	66-1	3.4125
66	3.9	INV_SLU	Min			57.8536	66-1	3.9
66	4.3875	INV_SLU	Min			57.2388	66-1	4.3875
66	4.875	INV_SLU	Min			51.6284	66-1	4.875
66	5.3625	INV_SLU	Min			41.0633	66-1	5.3625
66	5.85	INV_SLU	Min			25.5321	66-1	5.85
66	6.3375	INV_SLU	Min			5.0379	66-1	6.3375
66	6.825	INV_SLU	Min			-20.4111	66-1	6.825
66	7.3125	INV_SLU	Min			-50.8148	66-1	7.3125
66	7.8	INV_SLU	Min			-86.1733	66-1	7.8
66	0.	INV_SLV	Max			-2.0577	66-1	0.
66	0.4875	INV_SLV	Max			14.8697	66-1	0.4875
66	0.975	INV_SLV	Max			28.3514	66-1	0.975
66	1.4625	INV_SLV	Max			38.3874	66-1	1.4625
66	1.95	INV_SLV	Max			44.9778	66-1	1.95
66	2.4375	INV_SLV	Max			48.1224	66-1	2.4375
66	2.925	INV_SLV	Max			47.8214	66-1	2.925
66	3.4125	INV_SLV	Max			44.0751	66-1	3.4125
66	3.9	INV_SLV	Max			43.6064	66-1	3.9
66	4.3875	INV_SLV	Max			53.3968	66-1	4.3875
66	4.875	INV_SLV	Max			59.7427	66-1	4.875
66	5.3625	INV_SLV	Max			62.643	66-1	5.3625
66	5.85	INV_SLV	Max			62.0977	66-1	5.85
66	6.3375	INV_SLV	Max			58.1067	66-1	6.3375
66	6.825	INV_SLV	Max			50.6699	66-1	6.825

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
66	7.3125	INV_SLV	Max			39.7875	66-1	7.3125
66	7.8	INV_SLV	Max			25.4594	66-1	7.8
66	0.	INV_SLV	Min			-158.7751	66-1	0.
66	0.4875	INV_SLV	Min			-121.4177	66-1	0.4875
66	0.975	INV_SLV	Min			-87.506	66-1	0.975
66	1.4625	INV_SLV	Min			-57.0401	66-1	1.4625
66	1.95	INV_SLV	Min			-30.0198	66-1	1.95
66	2.4375	INV_SLV	Min			-6.4453	66-1	2.4375
66	2.925	INV_SLV	Min			13.6835	66-1	2.925
66	3.4125	INV_SLV	Min			30.3662	66-1	3.4125
66	3.9	INV_SLV	Min			36.8799	66-1	3.9
66	4.3875	INV_SLV	Min			26.2431	66-1	4.3875
66	4.875	INV_SLV	Min			12.1593	66-1	4.875
66	5.3625	INV_SLV	Min			-5.3702	66-1	5.3625
66	5.85	INV_SLV	Min			-26.3455	66-1	5.85
66	6.3375	INV_SLV	Min			-50.7665	66-1	6.3375
66	6.825	INV_SLV	Min			-78.6331	66-1	6.825
66	7.3125	INV_SLV	Min			-109.9455	66-1	7.3125
66	7.8	INV_SLV	Min			-144.7036	66-1	7.8
67	0.	INV_SLU	Max			-28.2872	67-1	0.
67	0.4875	INV_SLU	Max			-17.8563	67-1	0.4875
67	0.975	INV_SLU	Max			-8.8153	67-1	0.975
67	1.4625	INV_SLU	Max			-1.1642	67-1	1.4625
67	1.95	INV_SLU	Max			5.097	67-1	1.95
67	2.4375	INV_SLU	Max			9.9683	67-1	2.4375
67	2.925	INV_SLU	Max			13.4498	67-1	2.925
67	3.4125	INV_SLU	Max			15.5414	67-1	3.4125
67	3.9	INV_SLU	Max			16.2431	67-1	3.9
67	4.3875	INV_SLU	Max			15.6632	67-1	4.3875
67	4.875	INV_SLU	Max			13.7999	67-1	4.875
67	5.3625	INV_SLU	Max			10.5466	67-1	5.3625
67	5.85	INV_SLU	Max			5.9035	67-1	5.85
67	6.3375	INV_SLU	Max			-0.1295	67-1	6.3375
67	6.825	INV_SLU	Max			-7.5523	67-1	6.825
67	7.3125	INV_SLU	Max			-16.3651	67-1	7.3125
67	7.8	INV_SLU	Max			-26.5677	67-1	7.8
67	0.	INV_SLU	Min			-30.2165	67-1	0.
67	0.4875	INV_SLU	Min			-19.5674	67-1	0.4875

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
67	0.975	INV_SLU	Min			-10.3081	67-1	0.975
67	1.4625	INV_SLU	Min			-2.4387	67-1	1.4625
67	1.95	INV_SLU	Min			4.0408	67-1	1.95
67	2.4375	INV_SLU	Min			9.1305	67-1	2.4375
67	2.925	INV_SLU	Min			12.8302	67-1	2.925
67	3.4125	INV_SLU	Min			15.1401	67-1	3.4125
67	3.9	INV_SLU	Min			16.0601	67-1	3.9
67	4.3875	INV_SLU	Min			15.5112	67-1	4.3875
67	4.875	INV_SLU	Min			13.4353	67-1	4.875
67	5.3625	INV_SLU	Min			9.9695	67-1	5.3625
67	5.85	INV_SLU	Min			5.1139	67-1	5.85
67	6.3375	INV_SLU	Min			-1.1316	67-1	6.3375
67	6.825	INV_SLU	Min			-8.767	67-1	6.825
67	7.3125	INV_SLU	Min			-17.7923	67-1	7.3125
67	7.8	INV_SLU	Min			-28.2074	67-1	7.8
67	0.	INV_SLV	Max			41.7544	67-1	0.
67	0.4875	INV_SLV	Max			41.4772	67-1	0.4875
67	0.975	INV_SLV	Max			40.131	67-1	0.975
67	1.4625	INV_SLV	Max			37.7156	67-1	1.4625
67	1.95	INV_SLV	Max			34.2311	67-1	1.95
67	2.4375	INV_SLV	Max			29.6774	67-1	2.4375
67	2.925	INV_SLV	Max			24.0547	67-1	2.925
67	3.4125	INV_SLV	Max			17.3631	67-1	3.4125
67	3.9	INV_SLV	Max			15.2011	67-1	3.9
67	4.3875	INV_SLV	Max			23.401	67-1	4.3875
67	4.875	INV_SLV	Max			30.5327	67-1	4.875
67	5.3625	INV_SLV	Max			36.5954	67-1	5.3625
67	5.85	INV_SLV	Max			41.589	67-1	5.85
67	6.3375	INV_SLV	Max			45.5134	67-1	6.3375
67	6.825	INV_SLV	Max			48.3687	67-1	6.825
67	7.3125	INV_SLV	Max			50.1549	67-1	7.3125
67	7.8	INV_SLV	Max			50.872	67-1	7.8
67	0.	INV_SLV	Min			-88.8976	67-1	0.
67	0.4875	INV_SLV	Min			-72.1435	67-1	0.4875
67	0.975	INV_SLV	Min			-56.4585	67-1	0.975
67	1.4625	INV_SLV	Min			-41.8427	67-1	1.4625
67	1.95	INV_SLV	Min			-28.296	67-1	1.95
67	2.4375	INV_SLV	Min			-15.8185	67-1	2.4375

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
67	2.925	INV_SLV	Min			-4.4101	67-1	2.925
67	3.4125	INV_SLV	Min			5.9287	67-1	3.4125
67	3.9	INV_SLV	Min			9.5999	67-1	3.9
67	4.3875	INV_SLV	Min			0.7708	67-1	4.3875
67	4.875	INV_SLV	Min			-9.1285	67-1	4.875
67	5.3625	INV_SLV	Min			-20.0969	67-1	5.3625
67	5.85	INV_SLV	Min			-32.1345	67-1	5.85
67	6.3375	INV_SLV	Min			-45.2413	67-1	6.3375
67	6.825	INV_SLV	Min			-59.4172	67-1	6.825
67	7.3125	INV_SLV	Min			-74.6623	67-1	7.3125
67	7.8	INV_SLV	Min			-90.9765	67-1	7.8
68	0.	INV_SLU	Max			-27.9721	68-1	0.
68	0.4875	INV_SLU	Max			-17.6001	68-1	0.4875
68	0.975	INV_SLU	Max			-8.6179	68-1	0.975
68	1.4625	INV_SLU	Max			-1.0256	68-1	1.4625
68	1.95	INV_SLU	Max			5.1768	68-1	1.95
68	2.4375	INV_SLU	Max			9.9893	68-1	2.4375
68	2.925	INV_SLU	Max			13.4119	68-1	2.925
68	3.4125	INV_SLU	Max			15.466	68-1	3.4125
68	3.9	INV_SLU	Max			16.1496	68-1	3.9
68	4.3875	INV_SLU	Max			15.5525	68-1	4.3875
68	4.875	INV_SLU	Max			13.6634	68-1	4.875
68	5.3625	INV_SLU	Max			10.3844	68-1	5.3625
68	5.85	INV_SLU	Max			5.7155	68-1	5.85
68	6.3375	INV_SLU	Max			-0.3432	68-1	6.3375
68	6.825	INV_SLU	Max			-7.7919	68-1	6.825
68	7.3125	INV_SLU	Max			-16.6304	68-1	7.3125
68	7.8	INV_SLU	Max			-26.8588	68-1	7.8
68	0.	INV_SLU	Min			-29.99	68-1	0.
68	0.4875	INV_SLU	Min			-19.3702	68-1	0.4875
68	0.975	INV_SLU	Min			-10.1403	68-1	0.975
68	1.4625	INV_SLU	Min			-2.3002	68-1	1.4625
68	1.95	INV_SLU	Min			4.1499	68-1	1.95
68	2.4375	INV_SLU	Min			9.2102	68-1	2.4375
68	2.925	INV_SLU	Min			12.8806	68-1	2.925
68	3.4125	INV_SLU	Min			15.1256	68-1	3.4125
68	3.9	INV_SLU	Min			15.9484	68-1	3.9
68	4.3875	INV_SLU	Min			15.3406	68-1	4.3875

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
68	4.875	INV_SLU	Min			13.2037	68-1	4.875
68	5.3625	INV_SLU	Min			9.677	68-1	5.3625
68	5.85	INV_SLU	Min			4.7603	68-1	5.85
68	6.3375	INV_SLU	Min			-1.5462	68-1	6.3375
68	6.825	INV_SLU	Min			-9.2426	68-1	6.825
68	7.3125	INV_SLU	Min			-18.3288	68-1	7.3125
68	7.8	INV_SLU	Min			-28.805	68-1	7.8
68	0.	INV_SLV	Max			29.3164	68-1	0.
68	0.4875	INV_SLV	Max			30.6552	68-1	0.4875
68	0.975	INV_SLV	Max			30.9248	68-1	0.975
68	1.4625	INV_SLV	Max			30.1252	68-1	1.4625
68	1.95	INV_SLV	Max			28.2566	68-1	1.95
68	2.4375	INV_SLV	Max			25.3188	68-1	2.4375
68	2.925	INV_SLV	Max			21.3119	68-1	2.925
68	3.4125	INV_SLV	Max			16.2361	68-1	3.4125
68	3.9	INV_SLV	Max			14.5894	68-1	3.9
68	4.3875	INV_SLV	Max			21.1158	68-1	4.3875
68	4.875	INV_SLV	Max			26.5736	68-1	4.875
68	5.3625	INV_SLV	Max			30.9624	68-1	5.3625
68	5.85	INV_SLV	Max			34.2821	68-1	5.85
68	6.3375	INV_SLV	Max			36.5326	68-1	6.3375
68	6.825	INV_SLV	Max			37.7141	68-1	6.825
68	7.3125	INV_SLV	Max			37.8263	68-1	7.3125
68	7.8	INV_SLV	Max			36.8695	68-1	7.8
68	0.	INV_SLV	Min			-76.1175	68-1	0.
68	0.4875	INV_SLV	Min			-61.0373	68-1	0.4875
68	0.975	INV_SLV	Min			-47.0262	68-1	0.975
68	1.4625	INV_SLV	Min			-34.0843	68-1	1.4625
68	1.95	INV_SLV	Min			-22.2115	68-1	1.95
68	2.4375	INV_SLV	Min			-11.4079	68-1	2.4375
68	2.925	INV_SLV	Min			-1.6734	68-1	2.925
68	3.4125	INV_SLV	Min			6.9917	68-1	3.4125
68	3.9	INV_SLV	Min			10.0893	68-1	3.9
68	4.3875	INV_SLV	Min			2.8757	68-1	4.3875
68	4.875	INV_SLV	Min			-5.4077	68-1	4.875
68	5.3625	INV_SLV	Min			-14.7603	68-1	5.3625
68	5.85	INV_SLV	Min			-25.182	68-1	5.85
68	6.3375	INV_SLV	Min			-36.673	68-1	6.3375

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
68	6.825	INV_SLV	Min			-49.233	68-1	6.825
68	7.3125	INV_SLV	Min			-62.8622	68-1	7.3125
68	7.8	INV_SLV	Min			-77.5605	68-1	7.8
69	0.	INV_SLU	Max			-27.2299	69-1	0.
69	0.4875	INV_SLU	Max			-16.9533	69-1	0.4875
69	0.975	INV_SLU	Max			-8.0665	69-1	0.975
69	1.4625	INV_SLU	Max			-0.5697	69-1	1.4625
69	1.95	INV_SLU	Max			5.5373	69-1	1.95
69	2.4375	INV_SLU	Max			10.2544	69-1	2.4375
69	2.925	INV_SLU	Max			13.5817	69-1	2.925
69	3.4125	INV_SLU	Max			15.519	69-1	3.4125
69	3.9	INV_SLU	Max			16.1435	69-1	3.9
69	4.3875	INV_SLU	Max			15.5133	69-1	4.3875
69	4.875	INV_SLU	Max			13.5879	69-1	4.875
69	5.3625	INV_SLU	Max			10.2726	69-1	5.3625
69	5.85	INV_SLU	Max			5.5674	69-1	5.85
69	6.3375	INV_SLU	Max			-0.5276	69-1	6.3375
69	6.825	INV_SLU	Max			-8.0125	69-1	6.825
69	7.3125	INV_SLU	Max			-16.8874	69-1	7.3125
69	7.8	INV_SLU	Max			-27.152	69-1	7.8
69	0.	INV_SLU	Min			-29.7025	69-1	0.
69	0.4875	INV_SLU	Min			-19.119	69-1	0.4875
69	0.975	INV_SLU	Min			-9.9254	69-1	0.975
69	1.4625	INV_SLU	Min			-2.1217	69-1	1.4625
69	1.95	INV_SLU	Min			4.2922	69-1	1.95
69	2.4375	INV_SLU	Min			9.3162	69-1	2.4375
69	2.925	INV_SLU	Min			12.9503	69-1	2.925
69	3.4125	INV_SLU	Min			15.1945	69-1	3.4125
69	3.9	INV_SLU	Min			15.9205	69-1	3.9
69	4.3875	INV_SLU	Min			15.2241	69-1	4.3875
69	4.875	INV_SLU	Min			12.9918	69-1	4.875
69	5.3625	INV_SLU	Min			9.3696	69-1	5.3625
69	5.85	INV_SLU	Min			4.3576	69-1	5.85
69	6.3375	INV_SLU	Min			-2.0444	69-1	6.3375
69	6.825	INV_SLU	Min			-9.8362	69-1	6.825
69	7.3125	INV_SLU	Min			-19.0178	69-1	7.3125
69	7.8	INV_SLU	Min			-29.5894	69-1	7.8
69	0.	INV_SLV	Max			17.6858	69-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
69	0.4875	INV_SLV	Max			20.5415	69-1	0.4875
69	0.975	INV_SLV	Max			22.3281	69-1	0.975
69	1.4625	INV_SLV	Max			23.0455	69-1	1.4625
69	1.95	INV_SLV	Max			22.6938	69-1	1.95
69	2.4375	INV_SLV	Max			21.273	69-1	2.4375
69	2.925	INV_SLV	Max			18.7831	69-1	2.925
69	3.4125	INV_SLV	Max			15.2242	69-1	3.4125
69	3.9	INV_SLV	Max			14.0719	69-1	3.9
69	4.3875	INV_SLV	Max			19.0081	69-1	4.3875
69	4.875	INV_SLV	Max			22.8755	69-1	4.875
69	5.3625	INV_SLV	Max			25.6738	69-1	5.3625
69	5.85	INV_SLV	Max			27.403	69-1	5.85
69	6.3375	INV_SLV	Max			28.063	69-1	6.3375
69	6.825	INV_SLV	Max			27.6539	69-1	6.825
69	7.3125	INV_SLV	Max			26.1757	69-1	7.3125
69	7.8	INV_SLV	Max			23.6283	69-1	7.8
69	0.	INV_SLV	Min			-63.9104	69-1	0.
69	0.4875	INV_SLV	Min			-50.4207	69-1	0.4875
69	0.975	INV_SLV	Min			-38.0002	69-1	0.975
69	1.4625	INV_SLV	Min			-26.6488	69-1	1.4625
69	1.95	INV_SLV	Min			-16.3665	69-1	1.95
69	2.4375	INV_SLV	Min			-7.1533	69-1	2.4375
69	2.925	INV_SLV	Min			0.9906	69-1	2.925
69	3.4125	INV_SLV	Min			8.0653	69-1	3.4125
69	3.9	INV_SLV	Min			10.5951	69-1	3.9
69	4.3875	INV_SLV	Min			4.8981	69-1	4.3875
69	4.875	INV_SLV	Min			-1.8683	69-1	4.875
69	5.3625	INV_SLV	Min			-9.704	69-1	5.3625
69	5.85	INV_SLV	Min			-18.6088	69-1	5.85
69	6.3375	INV_SLV	Min			-28.5827	69-1	6.3375
69	6.825	INV_SLV	Min			-39.6257	69-1	6.825
69	7.3125	INV_SLV	Min			-51.7379	69-1	7.3125
69	7.8	INV_SLV	Min			-64.9193	69-1	7.8
70	0.	INV_SLU	Max			-19.0486	70-1	0.
70	0.4875	INV_SLU	Max			-9.5223	70-1	0.4875
70	0.975	INV_SLU	Max			-1.3859	70-1	0.975
70	1.4625	INV_SLU	Max			5.3606	70-1	1.4625
70	1.95	INV_SLU	Max			10.7172	70-1	1.95

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
70	2.4375	INV_SLU	Max			14.684	70-1	2.4375
70	2.925	INV_SLU	Max			17.2608	70-1	2.925
70	3.4125	INV_SLU	Max			18.4572	70-1	3.4125
70	3.9	INV_SLU	Max			18.3718	70-1	3.9
70	4.3875	INV_SLU	Max			16.8965	70-1	4.3875
70	4.875	INV_SLU	Max			14.2249	70-1	4.875
70	5.3625	INV_SLU	Max			10.3457	70-1	5.3625
70	5.85	INV_SLU	Max			5.0766	70-1	5.85
70	6.3375	INV_SLU	Max			-1.5824	70-1	6.3375
70	6.825	INV_SLU	Max			-9.6312	70-1	6.825
70	7.3125	INV_SLU	Max			-19.07	70-1	7.3125
70	7.8	INV_SLU	Max			-29.8986	70-1	7.8
70	0.	INV_SLU	Min			-23.4262	70-1	0.
70	0.4875	INV_SLU	Min			-13.4066	70-1	0.4875
70	0.975	INV_SLU	Min			-4.7769	70-1	0.975
70	1.4625	INV_SLU	Min			2.4629	70-1	1.4625
70	1.95	INV_SLU	Min			8.3128	70-1	1.95
70	2.4375	INV_SLU	Min			12.7728	70-1	2.4375
70	2.925	INV_SLU	Min			15.843	70-1	2.925
70	3.4125	INV_SLU	Min			17.5077	70-1	3.4125
70	3.9	INV_SLU	Min			17.6023	70-1	3.9
70	4.3875	INV_SLU	Min			16.307	70-1	4.3875
70	4.875	INV_SLU	Min			13.6218	70-1	4.875
70	5.3625	INV_SLU	Min			9.297	70-1	5.3625
70	5.85	INV_SLU	Min			3.5346	70-1	5.85
70	6.3375	INV_SLU	Min			-3.6177	70-1	6.3375
70	6.825	INV_SLU	Min			-12.1598	70-1	6.825
70	7.3125	INV_SLU	Min			-22.0918	70-1	7.3125
70	7.8	INV_SLU	Min			-33.4138	70-1	7.8
70	0.	INV_SLV	Max			6.5915	70-1	0.
70	0.4875	INV_SLV	Max			10.8688	70-1	0.4875
70	0.975	INV_SLV	Max			14.0771	70-1	0.975
70	1.4625	INV_SLV	Max			16.2167	70-1	1.4625
70	1.95	INV_SLV	Max			17.2879	70-1	1.95
70	2.4375	INV_SLV	Max			17.2919	70-1	2.4375
70	2.925	INV_SLV	Max			16.2333	70-1	2.925
70	3.4125	INV_SLV	Max			14.1851	70-1	3.4125
70	3.9	INV_SLV	Max			16.3414	70-1	3.9

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
70	4.3875	INV_SLV	Max			19.0142	70-1	4.3875
70	4.875	INV_SLV	Max			20.6296	70-1	4.875
70	5.3625	INV_SLV	Max			21.1784	70-1	5.3625
70	5.85	INV_SLV	Max			20.6591	70-1	5.85
70	6.3375	INV_SLV	Max			19.0712	70-1	6.3375
70	6.825	INV_SLV	Max			16.4144	70-1	6.825
70	7.3125	INV_SLV	Max			12.6887	70-1	7.3125
70	7.8	INV_SLV	Max			7.8939	70-1	7.8
70	0.	INV_SLV	Min			-43.6989	70-1	0.
70	0.4875	INV_SLV	Min			-32.4568	70-1	0.4875
70	0.975	INV_SLV	Min			-22.2842	70-1	0.975
70	1.4625	INV_SLV	Min			-13.181	70-1	1.4625
70	1.95	INV_SLV	Min			-5.1478	70-1	1.95
70	2.4375	INV_SLV	Min			1.8144	70-1	2.4375
70	2.925	INV_SLV	Min			7.7009	70-1	2.925
70	3.4125	INV_SLV	Min			12.4388	70-1	3.4125
70	3.9	INV_SLV	Min			10.8339	70-1	3.9
70	4.3875	INV_SLV	Min			6.5741	70-1	4.3875
70	4.875	INV_SLV	Min			1.2335	70-1	4.875
70	5.3625	INV_SLV	Min			-5.1788	70-1	5.3625
70	5.85	INV_SLV	Min			-12.6612	70-1	5.85
70	6.3375	INV_SLV	Min			-21.2133	70-1	6.3375
70	6.825	INV_SLV	Min			-30.8348	70-1	6.825
70	7.3125	INV_SLV	Min			-41.5256	70-1	7.3125
70	7.8	INV_SLV	Min			-53.2856	70-1	7.8
71	0.	INV_SLU	Max			-18.7415	71-1	0.
71	0.4875	INV_SLU	Max			-9.2698	71-1	0.4875
71	0.975	INV_SLU	Max			-1.188	71-1	0.975
71	1.4625	INV_SLU	Max			5.504	71-1	1.4625
71	1.95	INV_SLU	Max			10.806	71-1	1.95
71	2.4375	INV_SLU	Max			14.7182	71-1	2.4375
71	2.925	INV_SLU	Max			17.2405	71-1	2.925
71	3.4125	INV_SLU	Max			18.383	71-1	3.4125
71	3.9	INV_SLU	Max			18.2799	71-1	3.9
71	4.3875	INV_SLU	Max			16.787	71-1	4.3875
71	4.875	INV_SLU	Max			14.1303	71-1	4.875
71	5.3625	INV_SLU	Max			10.2427	71-1	5.3625
71	5.85	INV_SLU	Max			4.9652	71-1	5.85

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
71	6.3375	INV_SLU	Max			-1.7022	71-1	6.3375
71	6.825	INV_SLU	Max			-9.7594	71-1	6.825
71	7.3125	INV_SLU	Max			-19.2066	71-1	7.3125
71	7.8	INV_SLU	Max			-30.0436	71-1	7.8
71	0.	INV_SLU	Min			-23.4368	71-1	0.
71	0.4875	INV_SLU	Min			-13.4257	71-1	0.4875
71	0.975	INV_SLU	Min			-4.8044	71-1	0.975
71	1.4625	INV_SLU	Min			2.427	71-1	1.4625
71	1.95	INV_SLU	Min			8.2686	71-1	1.95
71	2.4375	INV_SLU	Min			12.7202	71-1	2.4375
71	2.925	INV_SLU	Min			15.782	71-1	2.925
71	3.4125	INV_SLU	Min			17.4371	71-1	3.4125
71	3.9	INV_SLU	Min			17.4618	71-1	3.9
71	4.3875	INV_SLU	Min			16.0966	71-1	4.3875
71	4.875	INV_SLU	Min			13.3414	71-1	4.875
71	5.3625	INV_SLU	Min			9.0038	71-1	5.3625
71	5.85	INV_SLU	Min			3.1868	71-1	5.85
71	6.3375	INV_SLU	Min			-4.02	71-1	6.3375
71	6.825	INV_SLU	Min			-12.6167	71-1	6.825
71	7.3125	INV_SLU	Min			-22.6033	71-1	7.3125
71	7.8	INV_SLU	Min			-33.9798	71-1	7.8
71	0.	INV_SLV	Max			4.661	71-1	0.
71	0.4875	INV_SLV	Max			9.1649	71-1	0.4875
71	0.975	INV_SLV	Max			12.5997	71-1	0.975
71	1.4625	INV_SLV	Max			14.9653	71-1	1.4625
71	1.95	INV_SLV	Max			16.2618	71-1	1.95
71	2.4375	INV_SLV	Max			16.4892	71-1	2.4375
71	2.925	INV_SLV	Max			15.6475	71-1	2.925
71	3.4125	INV_SLV	Max			13.7377	71-1	3.4125
71	3.9	INV_SLV	Max			16.3057	71-1	3.9
71	4.3875	INV_SLV	Max			18.7323	71-1	4.3875
71	4.875	INV_SLV	Max			20.0898	71-1	4.875
71	5.3625	INV_SLV	Max			20.3782	71-1	5.3625
71	5.85	INV_SLV	Max			19.5975	71-1	5.85
71	6.3375	INV_SLV	Max			17.7476	71-1	6.3375
71	6.825	INV_SLV	Max			14.8286	71-1	6.825
71	7.3125	INV_SLV	Max			10.8405	71-1	7.3125
71	7.8	INV_SLV	Max			5.7832	71-1	7.8

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
71	0.	INV_SLV	Min			-41.597	71-1	0.
71	0.4875	INV_SLV	Min			-30.6172	71-1	0.4875
71	0.975	INV_SLV	Min			-20.7066	71-1	0.975
71	1.4625	INV_SLV	Min			-11.8651	71-1	1.4625
71	1.95	INV_SLV	Min			-4.0927	71-1	1.95
71	2.4375	INV_SLV	Min			2.6105	71-1	2.4375
71	2.925	INV_SLV	Min			8.2445	71-1	2.925
71	3.4125	INV_SLV	Min			12.8083	71-1	3.4125
71	3.9	INV_SLV	Min			10.7561	71-1	3.9
71	4.3875	INV_SLV	Min			6.707	71-1	4.3875
71	4.875	INV_SLV	Min			1.5887	71-1	4.875
71	5.3625	INV_SLV	Min			-4.5987	71-1	5.3625
71	5.85	INV_SLV	Min			-11.8553	71-1	5.85
71	6.3375	INV_SLV	Min			-20.1811	71-1	6.3375
71	6.825	INV_SLV	Min			-29.5759	71-1	6.825
71	7.3125	INV_SLV	Min			-40.04	71-1	7.3125
71	7.8	INV_SLV	Min			-51.5731	71-1	7.8
77	0.	INV_SLU	Max			-110.0185	77-1	0.
77	0.49231	INV_SLU	Max			-35.6557	77-1	0.49231
77	0.98462	INV_SLU	Max			32.1893	77-1	0.98462
77	1.47692	INV_SLU	Max			95.8332	77-1	1.47692
77	1.96923	INV_SLU	Max			140.671	77-1	1.96923
77	2.46154	INV_SLU	Max			166.7027	77-1	2.46154
77	2.95385	INV_SLU	Max			173.9285	77-1	2.95385
77	3.44615	INV_SLU	Max			162.3482	77-1	3.44615
77	3.93846	INV_SLU	Max			131.9823	77-1	3.93846
77	4.43077	INV_SLU	Max			82.8994	77-1	4.43077
77	4.92308	INV_SLU	Max			15.0104	77-1	4.92308
77	5.41538	INV_SLU	Max			-52.8434	77-1	5.41538
77	5.90769	INV_SLU	Max			-130.5775	77-1	5.90769
77	6.4	INV_SLU	Max			-222.1551	77-1	6.4
77	0.	INV_SLU	Min			-152.3719	77-1	0.
77	0.49231	INV_SLU	Min			-51.0065	77-1	0.49231
77	0.98462	INV_SLU	Min			23.8026	77-1	0.98462
77	1.47692	INV_SLU	Min			70.6607	77-1	1.47692
77	1.96923	INV_SLU	Min			103.6752	77-1	1.96923
77	2.46154	INV_SLU	Min			122.8462	77-1	2.46154
77	2.95385	INV_SLU	Min			128.1735	77-1	2.95385

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
77	3.44615	INV_SLU	Min			119.6573	77-1	3.44615
77	3.93846	INV_SLU	Min			97.2634	77-1	3.93846
77	4.43077	INV_SLU	Min			60.8775	77-1	4.43077
77	4.92308	INV_SLU	Min			10.6481	77-1	4.92308
77	5.41538	INV_SLU	Min			-72.0335	77-1	5.41538
77	5.90769	INV_SLU	Min			-177.644	77-1	5.90769
77	6.4	INV_SLU	Min			-302.0605	77-1	6.4
77	0.	INV_SLV	Max			-50.4038	77-1	0.
77	0.49231	INV_SLV	Max			-3.3875	77-1	0.49231
77	0.98462	INV_SLV	Max			34.2544	77-1	0.98462
77	1.47692	INV_SLV	Max			62.5219	77-1	1.47692
77	1.96923	INV_SLV	Max			81.415	77-1	1.96923
77	2.46154	INV_SLV	Max			90.9336	77-1	2.46154
77	2.95385	INV_SLV	Max			91.0779	77-1	2.95385
77	3.44615	INV_SLV	Max			81.8478	77-1	3.44615
77	3.93846	INV_SLV	Max			68.4426	77-1	3.93846
77	4.43077	INV_SLV	Max			47.31	77-1	4.43077
77	4.92308	INV_SLV	Max			16.803	77-1	4.92308
77	5.41538	INV_SLV	Max			-23.0784	77-1	5.41538
77	5.90769	INV_SLV	Max			-72.3342	77-1	5.90769
77	6.4	INV_SLV	Max			-130.9645	77-1	6.4
77	0.	INV_SLV	Min			-99.9765	77-1	0.
77	0.49231	INV_SLV	Min			-46.1136	77-1	0.49231
77	0.98462	INV_SLV	Min			-1.6252	77-1	0.98462
77	1.47692	INV_SLV	Min			33.4889	77-1	1.47692
77	1.96923	INV_SLV	Min			59.2284	77-1	1.96923
77	2.46154	INV_SLV	Min			75.5936	77-1	2.46154
77	2.95385	INV_SLV	Min			82.5843	77-1	2.95385
77	3.44615	INV_SLV	Min			80.2005	77-1	3.44615
77	3.93846	INV_SLV	Min			63.2429	77-1	3.93846
77	4.43077	INV_SLV	Min			35.2638	77-1	4.43077
77	4.92308	INV_SLV	Min			-2.0897	77-1	4.92308
77	5.41538	INV_SLV	Min			-48.8176	77-1	5.41538
77	5.90769	INV_SLV	Min			-104.9199	77-1	5.90769
77	6.4	INV_SLV	Min			-170.3967	77-1	6.4
78	0.	INV_SLU	Max			-207.9383	78-1	0.
78	0.49231	INV_SLU	Max			-123.5112	78-1	0.49231
78	0.98462	INV_SLU	Max			-52.9277	78-1	0.98462

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
78	1.47692	INV_SLU	Max			5.4277	78-1	1.47692
78	1.96923	INV_SLU	Max			63.6913	78-1	1.96923
78	2.46154	INV_SLU	Max			103.1487	78-1	2.46154
78	2.95385	INV_SLU	Max			123.8053	78-1	2.95385
78	3.44615	INV_SLU	Max			125.7097	78-1	3.44615
78	3.93846	INV_SLU	Max			108.8081	78-1	3.93846
78	4.43077	INV_SLU	Max			73.1004	78-1	4.43077
78	4.92308	INV_SLU	Max			18.5868	78-1	4.92308
78	5.41538	INV_SLU	Max			-40.137	78-1	5.41538
78	5.90769	INV_SLU	Max			-107.891	78-1	5.90769
78	6.4	INV_SLU	Max			-189.4884	78-1	6.4
78	0.	INV_SLU	Min			-282.5481	78-1	0.
78	0.49231	INV_SLU	Min			-167.8074	78-1	0.49231
78	0.98462	INV_SLU	Min			-71.8728	78-1	0.98462
78	1.47692	INV_SLU	Min			3.5255	78-1	1.47692
78	1.96923	INV_SLU	Min			46.5202	78-1	1.96923
78	2.46154	INV_SLU	Min			75.6713	78-1	2.46154
78	2.95385	INV_SLU	Min			90.9704	78-1	2.95385
78	3.44615	INV_SLU	Min			92.3359	78-1	3.44615
78	3.93846	INV_SLU	Min			79.858	78-1	3.93846
78	4.43077	INV_SLU	Min			53.5364	78-1	4.43077
78	4.92308	INV_SLU	Min			13.3712	78-1	4.92308
78	5.41538	INV_SLU	Min			-55.0332	78-1	5.41538
78	5.90769	INV_SLU	Min			-147.218	78-1	5.90769
78	6.4	INV_SLU	Min			-258.2089	78-1	6.4
78	0.	INV_SLV	Max			-125.1015	78-1	0.
78	0.49231	INV_SLV	Max			-70.4012	78-1	0.49231
78	0.98462	INV_SLV	Max			-25.0753	78-1	0.98462
78	1.47692	INV_SLV	Max			10.8762	78-1	1.47692
78	1.96923	INV_SLV	Max			37.4533	78-1	1.96923
78	2.46154	INV_SLV	Max			54.656	78-1	2.46154
78	2.95385	INV_SLV	Max			62.4842	78-1	2.95385
78	3.44615	INV_SLV	Max			64.2276	78-1	3.44615
78	3.93846	INV_SLV	Max			58.3108	78-1	3.93846
78	4.43077	INV_SLV	Max			43.0195	78-1	4.43077
78	4.92308	INV_SLV	Max			18.3538	78-1	4.92308
78	5.41538	INV_SLV	Max			-15.6864	78-1	5.41538
78	5.90769	INV_SLV	Max			-59.1009	78-1	5.90769

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
78	6.4	INV_SLV	Max			-111.8899	78-1	6.4
78	0.	INV_SLV	Min			-156.8385	78-1	0.
78	0.49231	INV_SLV	Min			-97.1343	78-1	0.49231
78	0.98462	INV_SLV	Min			-46.8046	78-1	0.98462
78	1.47692	INV_SLV	Min			-5.8493	78-1	1.47692
78	1.96923	INV_SLV	Min			25.7316	78-1	1.96923
78	2.46154	INV_SLV	Min			47.938	78-1	2.46154
78	2.95385	INV_SLV	Min			60.77	78-1	2.95385
78	3.44615	INV_SLV	Min			60.9379	78-1	3.44615
78	3.93846	INV_SLV	Min			50.0173	78-1	3.93846
78	4.43077	INV_SLV	Min			29.7222	78-1	4.43077
78	4.92308	INV_SLV	Min			0.0527	78-1	4.92308
78	5.41538	INV_SLV	Min			-38.9912	78-1	5.41538
78	5.90769	INV_SLV	Min			-87.4096	78-1	5.90769
78	6.4	INV_SLV	Min			-145.2024	78-1	6.4
79	0.	INV_SLU	Max			-193.7523	79-1	0.
79	0.49231	INV_SLU	Max			-110.7881	79-1	0.49231
79	0.98462	INV_SLU	Max			-41.6676	79-1	0.98462
79	1.47692	INV_SLU	Max			18.1819	79-1	1.47692
79	1.96923	INV_SLU	Max			74.5391	79-1	1.96923
79	2.46154	INV_SLU	Max			112.0902	79-1	2.46154
79	2.95385	INV_SLU	Max			130.8353	79-1	2.95385
79	3.44615	INV_SLU	Max			130.8019	79-1	3.44615
79	3.93846	INV_SLU	Max			112.0066	79-1	3.93846
79	4.43077	INV_SLU	Max			74.4053	79-1	4.43077
79	4.92308	INV_SLU	Max			17.9979	79-1	4.92308
79	5.41538	INV_SLU	Max			-42.0196	79-1	5.41538
79	5.90769	INV_SLU	Max			-111.2153	79-1	5.90769
79	6.4	INV_SLU	Max			-194.2545	79-1	6.4
79	0.	INV_SLU	Min			-264.2002	79-1	0.
79	0.49231	INV_SLU	Min			-151.3532	79-1	0.49231
79	0.98462	INV_SLU	Min			-57.3122	79-1	0.98462
79	1.47692	INV_SLU	Min			13.1773	79-1	1.47692
79	1.96923	INV_SLU	Min			54.7302	79-1	1.96923
79	2.46154	INV_SLU	Min			82.4395	79-1	2.46154
79	2.95385	INV_SLU	Min			96.3053	79-1	2.95385
79	3.44615	INV_SLU	Min			96.2816	79-1	3.44615
79	3.93846	INV_SLU	Min			82.3407	79-1	3.93846

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
79	4.43077	INV_SLU	Min			54.5562	79-1	4.43077
79	4.92308	INV_SLU	Min			12.9282	79-1	4.92308
79	5.41538	INV_SLU	Min			-57.5298	79-1	5.41538
79	5.90769	INV_SLU	Min			-151.6209	79-1	5.90769
79	6.4	INV_SLU	Min			-264.5181	79-1	6.4
79	0.	INV_SLV	Max			-114.2757	79-1	0.
79	0.49231	INV_SLV	Max			-60.6916	79-1	0.49231
79	0.98462	INV_SLV	Max			-16.482	79-1	0.98462
79	1.47692	INV_SLV	Max			18.3532	79-1	1.47692
79	1.96923	INV_SLV	Max			43.814	79-1	1.96923
79	2.46154	INV_SLV	Max			59.9003	79-1	2.46154
79	2.95385	INV_SLV	Max			66.6123	79-1	2.95385
79	3.44615	INV_SLV	Max			66.473	79-1	3.44615
79	3.93846	INV_SLV	Max			59.7208	79-1	3.93846
79	4.43077	INV_SLV	Max			43.5941	79-1	4.43077
79	4.92308	INV_SLV	Max			18.093	79-1	4.92308
79	5.41538	INV_SLV	Max			-16.7826	79-1	5.41538
79	5.90769	INV_SLV	Max			-61.0326	79-1	5.90769
79	6.4	INV_SLV	Max			-114.657	79-1	6.4
79	0.	INV_SLV	Min			-148.7451	79-1	0.
79	0.49231	INV_SLV	Min			-89.8764	79-1	0.49231
79	0.98462	INV_SLV	Min			-40.3821	79-1	0.98462
79	1.47692	INV_SLV	Min			-0.2622	79-1	1.47692
79	1.96923	INV_SLV	Min			30.4833	79-1	1.96923
79	2.46154	INV_SLV	Min			51.8543	79-1	2.46154
79	2.95385	INV_SLV	Min			63.8509	79-1	2.95385
79	3.44615	INV_SLV	Min			63.9497	79-1	3.44615
79	3.93846	INV_SLV	Min			51.9128	79-1	3.93846
79	4.43077	INV_SLV	Min			30.5014	79-1	4.43077
79	4.92308	INV_SLV	Min			-0.2844	79-1	4.92308
79	5.41538	INV_SLV	Min			-40.4446	79-1	5.41538
79	5.90769	INV_SLV	Min			-89.9792	79-1	5.90769
79	6.4	INV_SLV	Min			-148.8883	79-1	6.4
80	0.	INV_SLU	Max			-195.7957	80-1	0.
80	0.49231	INV_SLU	Max			-112.6184	80-1	0.49231
80	0.98462	INV_SLU	Max			-43.2847	80-1	0.98462
80	1.47692	INV_SLU	Max			16.4197	80-1	1.47692
80	1.96923	INV_SLU	Max			73.0453	80-1	1.96923

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
80	2.46154	INV_SLU	Max			110.8648	80-1	2.46154
80	2.95385	INV_SLU	Max			129.8783	80-1	2.95385
80	3.44615	INV_SLU	Max			130.122	80-1	3.44615
80	3.93846	INV_SLU	Max			111.5919	80-1	3.93846
80	4.43077	INV_SLU	Max			74.2557	80-1	4.43077
80	4.92308	INV_SLU	Max			18.1136	80-1	4.92308
80	5.41538	INV_SLU	Max			-41.7254	80-1	5.41538
80	5.90769	INV_SLU	Max			-110.7134	80-1	5.90769
80	6.4	INV_SLU	Max			-193.5449	80-1	6.4
80	0.	INV_SLU	Min			-266.7365	80-1	0.
80	0.49231	INV_SLU	Min			-153.6243	80-1	0.49231
80	0.98462	INV_SLU	Min			-59.3181	80-1	0.98462
80	1.47692	INV_SLU	Min			11.8092	80-1	1.47692
80	1.96923	INV_SLU	Min			53.5699	80-1	1.96923
80	2.46154	INV_SLU	Min			81.487	80-1	2.46154
80	2.95385	INV_SLU	Min			95.5605	80-1	2.95385
80	3.44615	INV_SLU	Min			95.7302	80-1	3.44615
80	3.93846	INV_SLU	Min			82.0024	80-1	3.93846
80	4.43077	INV_SLU	Min			54.4311	80-1	4.43077
80	4.92308	INV_SLU	Min			13.0161	80-1	4.92308
80	5.41538	INV_SLU	Min			-57.1448	80-1	5.41538
80	5.90769	INV_SLU	Min			-150.9675	80-1	5.90769
80	6.4	INV_SLU	Min			-263.5963	80-1	6.4
80	0.	INV_SLV	Max			-115.8339	80-1	0.
80	0.49231	INV_SLV	Max			-62.0877	80-1	0.49231
80	0.98462	INV_SLV	Max			-17.7159	80-1	0.98462
80	1.47692	INV_SLV	Max			17.2815	80-1	1.47692
80	1.96923	INV_SLV	Max			42.9045	80-1	1.96923
80	2.46154	INV_SLV	Max			59.153	80-1	2.46154
80	2.95385	INV_SLV	Max			66.0271	80-1	2.95385
80	3.44615	INV_SLV	Max			66.1711	80-1	3.44615
80	3.93846	INV_SLV	Max			59.5382	80-1	3.93846
80	4.43077	INV_SLV	Max			43.5308	80-1	4.43077
80	4.92308	INV_SLV	Max			18.1491	80-1	4.92308
80	5.41538	INV_SLV	Max			-16.6071	80-1	5.41538
80	5.90769	INV_SLV	Max			-60.7377	80-1	5.90769
80	6.4	INV_SLV	Max			-114.2427	80-1	6.4
80	0.	INV_SLV	Min			-149.8827	80-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
80	0.49231	INV_SLV	Min			-90.8946	80-1	0.49231
80	0.98462	INV_SLV	Min			-41.2809	80-1	0.98462
80	1.47692	INV_SLV	Min			-1.0416	80-1	1.47692
80	1.96923	INV_SLV	Min			29.8232	80-1	1.96923
80	2.46154	INV_SLV	Min			51.3136	80-1	2.46154
80	2.95385	INV_SLV	Min			63.4295	80-1	2.95385
80	3.44615	INV_SLV	Min			63.5267	80-1	3.44615
80	3.93846	INV_SLV	Min			51.652	80-1	3.93846
80	4.43077	INV_SLV	Min			30.4028	80-1	4.43077
80	4.92308	INV_SLV	Min			-0.2208	80-1	4.92308
80	5.41538	INV_SLV	Min			-40.2189	80-1	5.41538
80	5.90769	INV_SLV	Min			-89.5913	80-1	5.90769
80	6.4	INV_SLV	Min			-148.3382	80-1	6.4
81	0.	INV_SLU	Max			-195.4938	81-1	0.
81	0.49231	INV_SLU	Max			-112.3475	81-1	0.49231
81	0.98462	INV_SLU	Max			-43.0447	81-1	0.98462
81	1.47692	INV_SLU	Max			16.667	81-1	1.47692
81	1.96923	INV_SLU	Max			73.2553	81-1	1.96923
81	2.46154	INV_SLU	Max			111.0375	81-1	2.46154
81	2.95385	INV_SLU	Max			130.0137	81-1	2.95385
81	3.44615	INV_SLU	Max			130.2182	81-1	3.44615
81	3.93846	INV_SLU	Max			111.6517	81-1	3.93846
81	4.43077	INV_SLU	Max			74.2792	81-1	4.43077
81	4.92308	INV_SLU	Max			18.1006	81-1	4.92308
81	5.41538	INV_SLU	Max			-41.7611	81-1	5.41538
81	5.90769	INV_SLU	Max			-110.7784	81-1	5.90769
81	6.4	INV_SLU	Max			-193.6394	81-1	6.4
81	0.	INV_SLU	Min			-266.3853	81-1	0.
81	0.49231	INV_SLU	Min			-153.3096	81-1	0.49231
81	0.98462	INV_SLU	Min			-59.0398	81-1	0.98462
81	1.47692	INV_SLU	Min			12.0092	81-1	1.47692
81	1.96923	INV_SLU	Min			53.7404	81-1	1.96923
81	2.46154	INV_SLU	Min			81.6281	81-1	2.46154
81	2.95385	INV_SLU	Min			95.6722	81-1	2.95385
81	3.44615	INV_SLU	Min			95.8154	81-1	3.44615
81	3.93846	INV_SLU	Min			82.0567	81-1	3.93846
81	4.43077	INV_SLU	Min			54.4544	81-1	4.43077
81	4.92308	INV_SLU	Min			13.0085	81-1	4.92308

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
81	5.41538	INV_SLU	Min			-57.1959	81-1	5.41538
81	5.90769	INV_SLU	Min			-151.0559	81-1	5.90769
81	6.4	INV_SLU	Min			-263.722	81-1	6.4
81	0.	INV_SLV	Max			-115.5882	81-1	0.
81	0.49231	INV_SLV	Max			-61.8674	81-1	0.49231
81	0.98462	INV_SLV	Max			-17.5211	81-1	0.98462
81	1.47692	INV_SLV	Max			17.4508	81-1	1.47692
81	1.96923	INV_SLV	Max			43.0483	81-1	1.96923
81	2.46154	INV_SLV	Max			59.2714	81-1	2.46154
81	2.95385	INV_SLV	Max			66.12	81-1	2.95385
81	3.44615	INV_SLV	Max			66.2147	81-1	3.44615
81	3.93846	INV_SLV	Max			59.567	81-1	3.93846
81	4.43077	INV_SLV	Max			43.5449	81-1	4.43077
81	4.92308	INV_SLV	Max			18.1484	81-1	4.92308
81	5.41538	INV_SLV	Max			-16.6226	81-1	5.41538
81	5.90769	INV_SLV	Max			-60.768	81-1	5.90769
81	6.4	INV_SLV	Max			-114.2878	81-1	6.4
81	0.	INV_SLV	Min			-149.7355	81-1	0.
81	0.49231	INV_SLV	Min			-90.7622	81-1	0.49231
81	0.98462	INV_SLV	Min			-41.1633	81-1	0.98462
81	1.47692	INV_SLV	Min			-0.9388	81-1	1.47692
81	1.96923	INV_SLV	Min			29.9112	81-1	1.96923
81	2.46154	INV_SLV	Min			51.3868	81-1	2.46154
81	2.95385	INV_SLV	Min			63.4879	81-1	2.95385
81	3.44615	INV_SLV	Min			63.5942	81-1	3.44615
81	3.93846	INV_SLV	Min			51.694	81-1	3.93846
81	4.43077	INV_SLV	Min			30.4193	81-1	4.43077
81	4.92308	INV_SLV	Min			-0.2298	81-1	4.92308
81	5.41538	INV_SLV	Min			-40.2533	81-1	5.41538
81	5.90769	INV_SLV	Min			-89.6512	81-1	5.90769
81	6.4	INV_SLV	Min			-148.4236	81-1	6.4
87	0.	INV_SLU	Max			10.5971	87-1	0.
87	1.75	INV_SLU	Max			-3.1615	87-1	1.75
87	3.5	INV_SLU	Max			-8.1655	87-1	3.5
87	0.	INV_SLU	Min			3.2329	87-1	0.
87	1.75	INV_SLU	Min			-3.5962	87-1	1.75
87	3.5	INV_SLU	Min			-10.208	87-1	3.5
87	0.	INV_SLV	Max			54.3244	87-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
87	1.75	INV_SLV	Max			14.4269	87-1	1.75
87	3.5	INV_SLV	Max			11.0808	87-1	3.5
87	0.	INV_SLV	Min			-48.5956	87-1	0.
87	1.75	INV_SLV	Min			-18.9734	87-1	1.75
87	3.5	INV_SLV	Min			-25.9025	87-1	3.5
88	0.	INV_SLU	Max			11.7611	88-1	0.
88	1.75	INV_SLU	Max			-3.0461	88-1	1.75
88	3.5	INV_SLU	Max			-8.6658	88-1	3.5
88	0.	INV_SLU	Min			3.3618	88-1	0.
88	1.75	INV_SLU	Min			-3.3466	88-1	1.75
88	3.5	INV_SLU	Min			-10.2297	88-1	3.5
88	0.	INV_SLV	Max			71.0624	88-1	0.
88	1.75	INV_SLV	Max			19.2761	88-1	1.75
88	3.5	INV_SLV	Max			18.2346	88-1	3.5
88	0.	INV_SLV	Min			-64.8179	88-1	0.
88	1.75	INV_SLV	Min			-23.6286	88-1	1.75
88	3.5	INV_SLV	Min			-33.1841	88-1	3.5
89	0.	INV_SLU	Max			12.8886	89-1	0.
89	1.75	INV_SLU	Max			-2.6936	89-1	1.75
89	3.5	INV_SLU	Max			-9.0884	89-1	3.5
89	0.	INV_SLU	Min			3.4365	89-1	0.
89	1.75	INV_SLU	Min			-3.1913	89-1	1.75
89	3.5	INV_SLU	Min			-10.1175	89-1	3.5
89	0.	INV_SLV	Max			89.5002	89-1	0.
89	1.75	INV_SLV	Max			24.5345	89-1	1.75
89	3.5	INV_SLV	Max			26.4241	89-1	3.5
89	0.	INV_SLV	Min			-82.8156	89-1	0.
89	1.75	INV_SLV	Min			-28.6502	89-1	1.75
89	3.5	INV_SLV	Min			-41.3401	89-1	3.5
90	0.	INV_SLU	Max			13.6627	90-1	0.
90	1.75	INV_SLU	Max			-2.141	90-1	1.75
90	3.5	INV_SLU	Max			-6.8872	90-1	3.5
90	0.	INV_SLU	Min			2.4193	90-1	0.
90	1.75	INV_SLU	Min			-2.9008	90-1	1.75
90	3.5	INV_SLU	Min			-10.618	90-1	3.5
90	0.	INV_SLV	Max			117.3224	90-1	0.
90	1.75	INV_SLV	Max			25.4434	90-1	1.75
90	3.5	INV_SLV	Max			56.5548	90-1	3.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
90	0.	INV_SLV	Min			-112.1705	90-1	0.
90	1.75	INV_SLV	Min			-28.2051	90-1	1.75
90	3.5	INV_SLV	Min			-67.23	90-1	3.5
92	0.	INV_SLU	Max			-25.3343	92-1	0.
92	0.4875	INV_SLU	Max			-15.3049	92-1	0.4875
92	0.975	INV_SLU	Max			-6.6653	92-1	0.975
92	1.4625	INV_SLU	Max			0.5843	92-1	1.4625
92	1.95	INV_SLU	Max			6.4441	92-1	1.95
92	2.4375	INV_SLU	Max			10.9139	92-1	2.4375
92	2.925	INV_SLU	Max			13.994	92-1	2.925
92	3.4125	INV_SLU	Max			15.6841	92-1	3.4125
92	3.9	INV_SLU	Max			16.1083	92-1	3.9
92	4.3875	INV_SLU	Max			15.4078	92-1	4.3875
92	4.875	INV_SLU	Max			13.4004	92-1	4.875
92	5.3625	INV_SLU	Max			10.0032	92-1	5.3625
92	5.85	INV_SLU	Max			5.216	92-1	5.85
92	6.3375	INV_SLU	Max			-0.961	92-1	6.3375
92	6.825	INV_SLU	Max			-8.5279	92-1	6.825
92	7.3125	INV_SLU	Max			-17.4846	92-1	7.3125
92	7.8	INV_SLU	Max			-27.8313	92-1	7.8
92	0.	INV_SLU	Min			-29.0705	92-1	0.
92	0.4875	INV_SLU	Min			-18.5689	92-1	0.4875
92	0.975	INV_SLU	Min			-9.4573	92-1	0.975
92	1.4625	INV_SLU	Min			-1.7355	92-1	1.4625
92	1.95	INV_SLU	Min			4.5964	92-1	1.95
92	2.4375	INV_SLU	Min			9.5385	92-1	2.4375
92	2.925	INV_SLU	Min			13.0906	92-1	2.925
92	3.4125	INV_SLU	Min			15.2529	92-1	3.4125
92	3.9	INV_SLU	Min			15.8187	92-1	3.9
92	4.3875	INV_SLU	Min			14.8437	92-1	4.3875
92	4.875	INV_SLU	Min			12.4152	92-1	4.875
92	5.3625	INV_SLU	Min			8.5458	92-1	5.3625
92	5.85	INV_SLU	Min			3.2865	92-1	5.85
92	6.3375	INV_SLU	Min			-3.3626	92-1	6.3375
92	6.825	INV_SLU	Min			-11.4016	92-1	6.825
92	7.3125	INV_SLU	Min			-20.8305	92-1	7.3125
92	7.8	INV_SLU	Min			-31.6493	92-1	7.8
92	0.	INV_SLV	Max			15.2696	92-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
92	0.4875	INV_SLV	Max			18.44	92-1	0.4875
92	0.975	INV_SLV	Max			20.5412	92-1	0.975
92	1.4625	INV_SLV	Max			21.5733	92-1	1.4625
92	1.95	INV_SLV	Max			21.5363	92-1	1.95
92	2.4375	INV_SLV	Max			20.4301	92-1	2.4375
92	2.925	INV_SLV	Max			18.2548	92-1	2.925
92	3.4125	INV_SLV	Max			15.0105	92-1	3.4125
92	3.9	INV_SLV	Max			13.9132	92-1	3.9
92	4.3875	INV_SLV	Max			18.3518	92-1	4.3875
92	4.875	INV_SLV	Max			21.7215	92-1	4.875
92	5.3625	INV_SLV	Max			24.0222	92-1	5.3625
92	5.85	INV_SLV	Max			25.2537	92-1	5.85
92	6.3375	INV_SLV	Max			25.4161	92-1	6.3375
92	6.825	INV_SLV	Max			24.5093	92-1	6.825
92	7.3125	INV_SLV	Max			22.5335	92-1	7.3125
92	7.8	INV_SLV	Max			19.4884	92-1	7.8
92	0.	INV_SLV	Min			-60.0878	92-1	0.
92	0.4875	INV_SLV	Min			-47.0958	92-1	0.4875
92	0.975	INV_SLV	Min			-35.1729	92-1	0.975
92	1.4625	INV_SLV	Min			-24.3191	92-1	1.4625
92	1.95	INV_SLV	Min			-14.5345	92-1	1.95
92	2.4375	INV_SLV	Min			-5.819	92-1	2.4375
92	2.925	INV_SLV	Min			1.8273	92-1	2.925
92	3.4125	INV_SLV	Min			8.4044	92-1	3.4125
92	3.9	INV_SLV	Min			10.6962	92-1	3.9
92	4.3875	INV_SLV	Min			5.3138	92-1	4.3875
92	4.875	INV_SLV	Min			-1.138	92-1	4.875
92	5.3625	INV_SLV	Min			-8.659	92-1	5.3625
92	5.85	INV_SLV	Min			-17.2491	92-1	5.85
92	6.3375	INV_SLV	Min			-26.9084	92-1	6.3375
92	6.825	INV_SLV	Min			-37.6368	92-1	6.825
92	7.3125	INV_SLV	Min			-49.4343	92-1	7.3125
92	7.8	INV_SLV	Min			-62.301	92-1	7.8
93	0.	INV_SLU	Max			-24.6798	93-1	0.
93	0.4875	INV_SLU	Max			-14.7359	93-1	0.4875
93	0.975	INV_SLU	Max			-6.182	93-1	0.975
93	1.4625	INV_SLU	Max			0.9821	93-1	1.4625
93	1.95	INV_SLU	Max			6.7563	93-1	1.95

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
93	2.4375	INV_SLU	Max			11.1406	93-1	2.4375
93	2.925	INV_SLU	Max			14.1351	93-1	2.925
93	3.4125	INV_SLU	Max			15.7397	93-1	3.4125
93	3.9	INV_SLU	Max			16.0943	93-1	3.9
93	4.3875	INV_SLU	Max			15.3682	93-1	4.3875
93	4.875	INV_SLU	Max			13.3316	93-1	4.875
93	5.3625	INV_SLU	Max			9.9051	93-1	5.3625
93	5.85	INV_SLU	Max			5.0887	93-1	5.85
93	6.3375	INV_SLU	Max			-1.1176	93-1	6.3375
93	6.825	INV_SLU	Max			-8.7137	93-1	6.825
93	7.3125	INV_SLU	Max			-17.6997	93-1	7.3125
93	7.8	INV_SLU	Max			-28.0756	93-1	7.8
93	0.	INV_SLU	Min			-28.8468	93-1	0.
93	0.4875	INV_SLU	Min			-18.3745	93-1	0.4875
93	0.975	INV_SLU	Min			-9.2921	93-1	0.975
93	1.4625	INV_SLU	Min			-1.5995	93-1	1.4625
93	1.95	INV_SLU	Min			4.7031	93-1	1.95
93	2.4375	INV_SLU	Min			9.6159	93-1	2.4375
93	2.925	INV_SLU	Min			13.1388	93-1	2.925
93	3.4125	INV_SLU	Min			15.2718	93-1	3.4125
93	3.9	INV_SLU	Min			15.7817	93-1	3.9
93	4.3875	INV_SLU	Min			14.7054	93-1	4.3875
93	4.875	INV_SLU	Min			12.2141	93-1	4.875
93	5.3625	INV_SLU	Min			8.2592	93-1	5.3625
93	5.85	INV_SLU	Min			2.9143	93-1	5.85
93	6.3375	INV_SLU	Min			-3.8204	93-1	6.3375
93	6.825	INV_SLU	Min			-11.9449	93-1	6.825
93	7.3125	INV_SLU	Min			-21.4594	93-1	7.3125
93	7.8	INV_SLU	Min			-32.3637	93-1	7.8
93	0.	INV_SLV	Max			26.2171	93-1	0.
93	0.4875	INV_SLV	Max			27.96	93-1	0.4875
93	0.975	INV_SLV	Max			28.6339	93-1	0.975
93	1.4625	INV_SLV	Max			28.2386	93-1	1.4625
93	1.95	INV_SLV	Max			26.7741	93-1	1.95
93	2.4375	INV_SLV	Max			24.2406	93-1	2.4375
93	2.925	INV_SLV	Max			20.6379	93-1	2.925
93	3.4125	INV_SLV	Max			15.9663	93-1	3.4125
93	3.9	INV_SLV	Max			14.362	93-1	3.9

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
93	4.3875	INV_SLV	Max			20.1645	93-1	4.3875
93	4.875	INV_SLV	Max			24.8986	93-1	4.875
93	5.3625	INV_SLV	Max			28.5635	93-1	5.3625
93	5.85	INV_SLV	Max			31.1593	93-1	5.85
93	6.3375	INV_SLV	Max			32.686	93-1	6.3375
93	6.825	INV_SLV	Max			33.1436	93-1	6.825
93	7.3125	INV_SLV	Max			32.532	93-1	7.3125
93	7.8	INV_SLV	Max			30.8513	93-1	7.8
93	0.	INV_SLV	Min			-70.554	93-1	0.
93	0.4875	INV_SLV	Min			-56.1977	93-1	0.4875
93	0.975	INV_SLV	Min			-42.9105	93-1	0.975
93	1.4625	INV_SLV	Min			-30.6924	93-1	1.4625
93	1.95	INV_SLV	Min			-19.5435	93-1	1.95
93	2.4375	INV_SLV	Min			-9.4637	93-1	2.4375
93	2.925	INV_SLV	Min			-0.4531	93-1	2.925
93	3.4125	INV_SLV	Min			7.4882	93-1	3.4125
93	3.9	INV_SLV	Min			10.224	93-1	3.9
93	4.3875	INV_SLV	Min			3.4146	93-1	4.3875
93	4.875	INV_SLV	Min			-4.4646	93-1	4.875
93	5.3625	INV_SLV	Min			-13.413	93-1	5.3625
93	5.85	INV_SLV	Min			-23.4305	93-1	5.85
93	6.3375	INV_SLV	Min			-34.5172	93-1	6.3375
93	6.825	INV_SLV	Min			-46.673	93-1	6.825
93	7.3125	INV_SLV	Min			-59.8979	93-1	7.3125
93	7.8	INV_SLV	Min			-74.192	93-1	7.8
94	0.	INV_SLU	Max			-24.349	94-1	0.
94	0.4875	INV_SLU	Max			-14.4513	94-1	0.4875
94	0.975	INV_SLU	Max			-5.9434	94-1	0.975
94	1.4625	INV_SLU	Max			1.1746	94-1	1.4625
94	1.95	INV_SLU	Max			6.9027	94-1	1.95
94	2.4375	INV_SLU	Max			11.2409	94-1	2.4375
94	2.925	INV_SLU	Max			14.1892	94-1	2.925
94	3.4125	INV_SLU	Max			15.7477	94-1	3.4125
94	3.9	INV_SLU	Max			16.0674	94-1	3.9
94	4.3875	INV_SLU	Max			15.3467	94-1	4.3875
94	4.875	INV_SLU	Max			13.3095	94-1	4.875
94	5.3625	INV_SLU	Max			9.8824	94-1	5.3625
94	5.85	INV_SLU	Max			5.0654	94-1	5.85

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
94	6.3375	INV_SLU	Max			-1.1414	94-1	6.3375
94	6.825	INV_SLU	Max			-8.7381	94-1	6.825
94	7.3125	INV_SLU	Max			-17.7247	94-1	7.3125
94	7.8	INV_SLU	Max			-28.1012	94-1	7.8
94	0.	INV_SLU	Min			-28.863	94-1	0.
94	0.4875	INV_SLU	Min			-18.3913	94-1	0.4875
94	0.975	INV_SLU	Min			-9.3095	94-1	0.975
94	1.4625	INV_SLU	Min			-1.6176	94-1	1.4625
94	1.95	INV_SLU	Min			4.6845	94-1	1.95
94	2.4375	INV_SLU	Min			9.5967	94-1	2.4375
94	2.925	INV_SLU	Min			13.119	94-1	2.925
94	3.4125	INV_SLU	Min			15.2515	94-1	3.4125
94	3.9	INV_SLU	Min			15.7422	94-1	3.9
94	4.3875	INV_SLU	Min			14.5922	94-1	4.3875
94	4.875	INV_SLU	Min			12.0523	94-1	4.875
94	5.3625	INV_SLU	Min			8.0828	94-1	5.3625
94	5.85	INV_SLU	Min			2.6919	94-1	5.85
94	6.3375	INV_SLU	Min			-4.0889	94-1	6.3375
94	6.825	INV_SLU	Min			-12.2596	94-1	6.825
94	7.3125	INV_SLU	Min			-21.8202	94-1	7.3125
94	7.8	INV_SLU	Min			-32.7706	94-1	7.8
94	0.	INV_SLV	Max			38.0762	94-1	0.
94	0.4875	INV_SLV	Max			38.2782	94-1	0.4875
94	0.975	INV_SLV	Max			37.4112	94-1	0.975
94	1.4625	INV_SLV	Max			35.475	94-1	1.4625
94	1.95	INV_SLV	Max			32.4696	94-1	1.95
94	2.4375	INV_SLV	Max			28.3951	94-1	2.4375
94	2.925	INV_SLV	Max			23.2516	94-1	2.925
94	3.4125	INV_SLV	Max			17.0391	94-1	3.4125
94	3.9	INV_SLV	Max			14.793	94-1	3.9
94	4.3875	INV_SLV	Max			22.1104	94-1	4.3875
94	4.875	INV_SLV	Max			28.3593	94-1	4.875
94	5.3625	INV_SLV	Max			33.5391	94-1	5.3625
94	5.85	INV_SLV	Max			37.6498	94-1	5.85
94	6.3375	INV_SLV	Max			40.6914	94-1	6.3375
94	6.825	INV_SLV	Max			42.6638	94-1	6.825
94	7.3125	INV_SLV	Max			43.5671	94-1	7.3125
94	7.8	INV_SLV	Max			43.4012	94-1	7.8

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
94	0.	INV_SLV	Min			-82.2419	94-1	0.
94	0.4875	INV_SLV	Min			-66.3707	94-1	0.4875
94	0.975	INV_SLV	Min			-51.5686	94-1	0.975
94	1.4625	INV_SLV	Min			-37.8357	94-1	1.4625
94	1.95	INV_SLV	Min			-25.1719	94-1	1.95
94	2.4375	INV_SLV	Min			-13.5772	94-1	2.4375
94	2.925	INV_SLV	Min			-3.0518	94-1	2.925
94	3.4125	INV_SLV	Min			6.4043	94-1	3.4125
94	3.9	INV_SLV	Min			9.7557	94-1	3.9
94	4.3875	INV_SLV	Min			1.4054	94-1	4.3875
94	4.875	INV_SLV	Min			-8.0147	94-1	4.875
94	5.3625	INV_SLV	Min			-18.5039	94-1	5.3625
94	5.85	INV_SLV	Min			-30.0624	94-1	5.85
94	6.3375	INV_SLV	Min			-42.69	94-1	6.3375
94	6.825	INV_SLV	Min			-56.3867	94-1	6.825
94	7.3125	INV_SLV	Min			-71.1525	94-1	7.3125
94	7.8	INV_SLV	Min			-86.9875	94-1	7.8
102	0.	INV_SLU	Max			-195.4345	102-1	0.
102	0.49231	INV_SLU	Max			-112.3092	102-1	0.49231
102	0.98462	INV_SLU	Max			-43.0275	102-1	0.98462
102	1.47692	INV_SLU	Max			16.6703	102-1	1.47692
102	1.96923	INV_SLU	Max			73.231	102-1	1.96923
102	2.46154	INV_SLU	Max			110.9858	102-1	2.46154
102	2.95385	INV_SLU	Max			129.9345	102-1	2.95385
102	3.44615	INV_SLU	Max			130.1103	102-1	3.44615
102	3.93846	INV_SLU	Max			111.5158	102-1	3.93846
102	4.43077	INV_SLU	Max			74.1154	102-1	4.43077
102	4.92308	INV_SLU	Max			17.9089	102-1	4.92308
102	5.41538	INV_SLU	Max			-41.938	102-1	5.41538
102	5.90769	INV_SLU	Max			-110.9771	102-1	5.90769
102	6.4	INV_SLU	Max			-193.8598	102-1	6.4
102	0.	INV_SLU	Min			-266.2977	102-1	0.
102	0.49231	INV_SLU	Min			-153.2499	102-1	0.49231
102	0.98462	INV_SLU	Min			-59.0081	102-1	0.98462
102	1.47692	INV_SLU	Min			12.0063	102-1	1.47692
102	1.96923	INV_SLU	Min			53.7158	102-1	1.96923
102	2.46154	INV_SLU	Min			81.5817	102-1	2.46154
102	2.95385	INV_SLU	Min			95.604	102-1	2.95385

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
102	3.44615	INV_SLU	Min			95.7275	102-1	3.44615
102	3.93846	INV_SLU	Min			81.9477	102-1	3.93846
102	4.43077	INV_SLU	Min			54.3244	102-1	4.43077
102	4.92308	INV_SLU	Min			12.8575	102-1	4.92308
102	5.41538	INV_SLU	Min			-57.4127	102-1	5.41538
102	5.90769	INV_SLU	Min			-151.3002	102-1	5.90769
102	6.4	INV_SLU	Min			-263.9938	102-1	6.4
102	0.	INV_SLV	Max			-115.5642	102-1	0.
102	0.49231	INV_SLV	Max			-61.8543	102-1	0.49231
102	0.98462	INV_SLV	Max			-17.5188	102-1	0.98462
102	1.47692	INV_SLV	Max			17.4422	102-1	1.47692
102	1.96923	INV_SLV	Max			43.0289	102-1	1.96923
102	2.46154	INV_SLV	Max			59.2411	102-1	2.46154
102	2.95385	INV_SLV	Max			66.0788	102-1	2.95385
102	3.44615	INV_SLV	Max			66.1451	102-1	3.44615
102	3.93846	INV_SLV	Max			59.4782	102-1	3.93846
102	4.43077	INV_SLV	Max			43.4369	102-1	4.43077
102	4.92308	INV_SLV	Max			18.0211	102-1	4.92308
102	5.41538	INV_SLV	Max			-16.7691	102-1	5.41538
102	5.90769	INV_SLV	Max			-60.9337	102-1	5.90769
102	6.4	INV_SLV	Max			-114.4728	102-1	6.4
102	0.	INV_SLV	Min			-149.6705	102-1	0.
102	0.49231	INV_SLV	Min			-90.7164	102-1	0.49231
102	0.98462	INV_SLV	Min			-41.1367	102-1	0.98462
102	1.47692	INV_SLV	Min			-0.9315	102-1	1.47692
102	1.96923	INV_SLV	Min			29.8993	102-1	1.96923
102	2.46154	INV_SLV	Min			51.3557	102-1	2.46154
102	2.95385	INV_SLV	Min			63.4376	102-1	2.95385
102	3.44615	INV_SLV	Min			63.5422	102-1	3.44615
102	3.93846	INV_SLV	Min			51.6311	102-1	3.93846
102	4.43077	INV_SLV	Min			30.3456	102-1	4.43077
102	4.92308	INV_SLV	Min			-0.3144	102-1	4.92308
102	5.41538	INV_SLV	Min			-40.3487	102-1	5.41538
102	5.90769	INV_SLV	Min			-89.7575	102-1	5.90769
102	6.4	INV_SLV	Min			-148.5408	102-1	6.4
103	0.	INV_SLU	Max			-195.9419	103-1	0.
103	0.49231	INV_SLU	Max			-112.6693	103-1	0.49231
103	0.98462	INV_SLU	Max			-43.2403	103-1	0.98462

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
103	1.47692	INV_SLU	Max			16.5806	103-1	1.47692
103	1.96923	INV_SLU	Max			73.334	103-1	1.96923
103	2.46154	INV_SLU	Max			111.2813	103-1	2.46154
103	2.95385	INV_SLU	Max			130.4226	103-1	2.95385
103	3.44615	INV_SLU	Max			130.7999	103-1	3.44615
103	3.93846	INV_SLU	Max			112.4002	103-1	3.93846
103	4.43077	INV_SLU	Max			75.1945	103-1	4.43077
103	4.92308	INV_SLU	Max			19.1828	103-1	4.92308
103	5.41538	INV_SLU	Max			-40.7959	103-1	5.41538
103	5.90769	INV_SLU	Max			-109.6842	103-1	5.90769
103	6.4	INV_SLU	Max			-192.416	103-1	6.4
103	0.	INV_SLU	Min			-266.9715	103-1	0.
103	0.49231	INV_SLU	Min			-153.7289	103-1	0.49231
103	0.98462	INV_SLU	Min			-59.2924	103-1	0.98462
103	1.47692	INV_SLU	Min			11.9411	103-1	1.47692
103	1.96923	INV_SLU	Min			53.8015	103-1	1.96923
103	2.46154	INV_SLU	Min			81.8183	103-1	2.46154
103	2.95385	INV_SLU	Min			95.9915	103-1	2.95385
103	3.44615	INV_SLU	Min			96.2512	103-1	3.44615
103	3.93846	INV_SLU	Min			82.6188	103-1	3.93846
103	4.43077	INV_SLU	Min			55.1428	103-1	4.43077
103	4.92308	INV_SLU	Min			13.8232	103-1	4.92308
103	5.41538	INV_SLU	Min			-55.9614	103-1	5.41538
103	5.90769	INV_SLU	Min			-149.6563	103-1	5.90769
103	6.4	INV_SLU	Min			-262.1573	103-1	6.4
103	0.	INV_SLV	Max			-115.8482	103-1	0.
103	0.49231	INV_SLV	Max			-62.0583	103-1	0.49231
103	0.98462	INV_SLV	Max			-17.6428	103-1	0.98462
103	1.47692	INV_SLV	Max			17.3983	103-1	1.47692
103	1.96923	INV_SLV	Max			43.0649	103-1	1.96923
103	2.46154	INV_SLV	Max			59.3571	103-1	2.46154
103	2.95385	INV_SLV	Max			66.2749	103-1	2.95385
103	3.44615	INV_SLV	Max			66.5916	103-1	3.44615
103	3.93846	INV_SLV	Max			60.0482	103-1	3.93846
103	4.43077	INV_SLV	Max			44.1302	103-1	4.43077
103	4.92308	INV_SLV	Max			18.8379	103-1	4.92308
103	5.41538	INV_SLV	Max			-15.8289	103-1	5.41538
103	5.90769	INV_SLV	Max			-59.8701	103-1	5.90769

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
103	6.4	INV_SLV	Max			-113.2857	103-1	6.4
103	0.	INV_SLV	Min			-150.0879	103-1	0.
103	0.49231	INV_SLV	Min			-91.0104	103-1	0.49231
103	0.98462	INV_SLV	Min			-41.3073	103-1	0.98462
103	1.47692	INV_SLV	Min			-0.9787	103-1	1.47692
103	1.96923	INV_SLV	Min			29.9755	103-1	1.96923
103	2.46154	INV_SLV	Min			51.5553	103-1	2.46154
103	2.95385	INV_SLV	Min			63.7607	103-1	2.95385
103	3.44615	INV_SLV	Min			63.8182	103-1	3.44615
103	3.93846	INV_SLV	Min			51.9871	103-1	3.93846
103	4.43077	INV_SLV	Min			30.7816	103-1	4.43077
103	4.92308	INV_SLV	Min			0.2017	103-1	4.92308
103	5.41538	INV_SLV	Min			-39.7527	103-1	5.41538
103	5.90769	INV_SLV	Min			-89.0815	103-1	5.90769
103	6.4	INV_SLV	Min			-147.7847	103-1	6.4
104	0.	INV_SLU	Max			-192.631	104-1	0.
104	0.49231	INV_SLU	Max			-110.3591	104-1	0.49231
104	0.98462	INV_SLU	Max			-41.9308	104-1	0.98462
104	1.47692	INV_SLU	Max			16.9986	104-1	1.47692
104	1.96923	INV_SLU	Max			72.4177	104-1	1.96923
104	2.46154	INV_SLU	Max			109.0307	104-1	2.46154
104	2.95385	INV_SLU	Max			126.8376	104-1	2.95385
104	3.44615	INV_SLU	Max			125.8405	104-1	3.44615
104	3.93846	INV_SLU	Max			106.0961	104-1	3.93846
104	4.43077	INV_SLU	Max			67.5456	104-1	4.43077
104	4.92308	INV_SLU	Max			10.1891	104-1	4.92308
104	5.41538	INV_SLU	Max			-48.6292	104-1	5.41538
104	5.90769	INV_SLU	Max			-118.5355	104-1	5.90769
104	6.4	INV_SLU	Max			-202.2854	104-1	6.4
104	0.	INV_SLU	Min			-262.5175	104-1	0.
104	0.49231	INV_SLU	Min			-150.6196	104-1	0.49231
104	0.98462	INV_SLU	Min			-57.5279	104-1	0.98462
104	1.47692	INV_SLU	Min			12.2527	104-1	1.47692
104	1.96923	INV_SLU	Min			53.095	104-1	1.96923
104	2.46154	INV_SLU	Min			80.0937	104-1	2.46154
104	2.95385	INV_SLU	Min			93.2488	104-1	2.95385
104	3.44615	INV_SLU	Min			92.5571	104-1	3.44615
104	3.93846	INV_SLU	Min			77.9239	104-1	3.93846

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
104	4.43077	INV_SLU	Min			49.4472	104-1	4.43077
104	4.92308	INV_SLU	Min			7.1269	104-1	4.92308
104	5.41538	INV_SLU	Min			-66.2181	104-1	5.41538
104	5.90769	INV_SLU	Min			-161.2473	104-1	5.90769
104	6.4	INV_SLU	Min			-275.0826	104-1	6.4
104	0.	INV_SLV	Max			-114.071	104-1	0.
104	0.49231	INV_SLV	Max			-60.8162	104-1	0.49231
104	0.98462	INV_SLV	Max			-16.9357	104-1	0.98462
104	1.47692	INV_SLV	Max			17.5703	104-1	1.47692
104	1.96923	INV_SLV	Max			42.7019	104-1	1.96923
104	2.46154	INV_SLV	Max			58.4591	104-1	2.46154
104	2.95385	INV_SLV	Max			64.842	104-1	2.95385
104	3.44615	INV_SLV	Max			63.507	104-1	3.44615
104	3.93846	INV_SLV	Max			56.1296	104-1	3.93846
104	4.43077	INV_SLV	Max			39.3783	104-1	4.43077
104	4.92308	INV_SLV	Max			13.2526	104-1	4.92308
104	5.41538	INV_SLV	Max			-22.2475	104-1	5.41538
104	5.90769	INV_SLV	Max			-67.122	104-1	5.90769
104	6.4	INV_SLV	Max			-121.3709	104-1	6.4
104	0.	INV_SLV	Min			-147.3403	104-1	0.
104	0.49231	INV_SLV	Min			-89.0961	104-1	0.49231
104	0.98462	INV_SLV	Min			-40.2264	104-1	0.98462
104	1.47692	INV_SLV	Min			-0.731	104-1	1.47692
104	1.96923	INV_SLV	Min			29.3899	104-1	1.96923
104	2.46154	INV_SLV	Min			50.1363	104-1	2.46154
104	2.95385	INV_SLV	Min			61.5081	104-1	2.95385
104	3.44615	INV_SLV	Min			61.8491	104-1	3.44615
104	3.93846	INV_SLV	Min			49.4835	104-1	3.93846
104	4.43077	INV_SLV	Min			27.743	104-1	4.43077
104	4.92308	INV_SLV	Min			-3.3719	104-1	4.92308
104	5.41538	INV_SLV	Min			-43.8614	104-1	5.41538
104	5.90769	INV_SLV	Min			-93.7252	104-1	5.90769
104	6.4	INV_SLV	Min			-152.9635	104-1	6.4
105	0.	INV_SLU	Max			-215.5278	105-1	0.
105	0.49231	INV_SLU	Max			-126.116	105-1	0.49231
105	0.98462	INV_SLU	Max			-50.5478	105-1	0.98462
105	1.47692	INV_SLU	Max			14.9652	105-1	1.47692
105	1.96923	INV_SLU	Max			80.029	105-1	1.96923

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
105	2.46154	INV_SLU	Max			126.2867	105-1	2.46154
105	2.95385	INV_SLU	Max			153.7954	105-1	2.95385
105	3.44615	INV_SLU	Max			162.544	105-1	3.44615
105	3.93846	INV_SLU	Max			152.4866	105-1	3.93846
105	4.43077	INV_SLU	Max			123.6232	105-1	4.43077
105	4.92308	INV_SLU	Max			75.9537	105-1	4.92308
105	5.41538	INV_SLU	Max			9.4782	105-1	5.41538
105	5.90769	INV_SLU	Max			-55.1374	105-1	5.90769
105	6.4	INV_SLU	Max			-131.6769	105-1	6.4
105	0.	INV_SLU	Min			-293.6233	105-1	0.
105	0.49231	INV_SLU	Min			-172.0384	105-1	0.49231
105	0.98462	INV_SLU	Min			-69.2596	105-1	0.98462
105	1.47692	INV_SLU	Min			10.7568	105-1	1.47692
105	1.96923	INV_SLU	Min			58.8096	105-1	1.96923
105	2.46154	INV_SLU	Min			93.0187	105-1	2.46154
105	2.95385	INV_SLU	Min			113.2892	105-1	2.95385
105	3.44615	INV_SLU	Min			119.6396	105-1	3.44615
105	3.93846	INV_SLU	Min			112.1463	105-1	3.93846
105	4.43077	INV_SLU	Min			90.8095	105-1	4.43077
105	4.92308	INV_SLU	Min			55.6291	105-1	4.92308
105	5.41538	INV_SLU	Min			6.6051	105-1	5.41538
105	5.90769	INV_SLU	Min			-76.4783	105-1	5.90769
105	6.4	INV_SLU	Min			-180.6689	105-1	6.4
105	0.	INV_SLV	Max			-126.5842	105-1	0.
105	0.49231	INV_SLV	Max			-69.3593	105-1	0.49231
105	0.98462	INV_SLV	Max			-21.5087	105-1	0.98462
105	1.47692	INV_SLV	Max			16.9674	105-1	1.47692
105	1.96923	INV_SLV	Max			46.0692	105-1	1.96923
105	2.46154	INV_SLV	Max			65.7969	105-1	2.46154
105	2.95385	INV_SLV	Max			77.3965	105-1	2.95385
105	3.44615	INV_SLV	Max			85.1395	105-1	3.44615
105	3.93846	INV_SLV	Max			83.5108	105-1	3.93846
105	4.43077	INV_SLV	Max			72.5079	105-1	4.43077
105	4.92308	INV_SLV	Max			52.1305	105-1	4.92308
105	5.41538	INV_SLV	Max			22.3788	105-1	5.41538
105	5.90769	INV_SLV	Max			-16.7473	105-1	5.90769
105	6.4	INV_SLV	Max			-65.2479	105-1	6.4
105	0.	INV_SLV	Min			-165.9464	105-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
105	0.49231	INV_SLV	Min			-101.9538	105-1	0.49231
105	0.98462	INV_SLV	Min			-47.3357	105-1	0.98462
105	1.47692	INV_SLV	Min			-2.092	105-1	1.47692
105	1.96923	INV_SLV	Min			33.7771	105-1	1.96923
105	2.46154	INV_SLV	Min			60.2715	105-1	2.46154
105	2.95385	INV_SLV	Min			76.1452	105-1	2.95385
105	3.44615	INV_SLV	Min			77.1266	105-1	3.44615
105	3.93846	INV_SLV	Min			68.7308	105-1	3.93846
105	4.43077	INV_SLV	Min			50.9604	105-1	4.43077
105	4.92308	INV_SLV	Min			23.8156	105-1	4.92308
105	5.41538	INV_SLV	Min			-12.7037	105-1	5.41538
105	5.90769	INV_SLV	Min			-58.5975	105-1	5.90769
105	6.4	INV_SLV	Min			-113.8657	105-1	6.4
107	0.	INV_SLU	Max			2.5903	107-1	0.
107	1.75	INV_SLU	Max			-0.6621	107-1	1.75
107	3.5	INV_SLU	Max			-2.4048	107-1	3.5
107	0.	INV_SLU	Min			1.0806	107-1	0.
107	1.75	INV_SLU	Min			-0.8085	107-1	1.75
107	3.5	INV_SLU	Min			-3.9588	107-1	3.5
107	0.	INV_SLV	Max			22.7954	107-1	0.
107	1.75	INV_SLV	Max			-0.153	107-1	1.75
107	3.5	INV_SLV	Max			20.3083	107-1	3.5
107	0.	INV_SLV	Min			-20.8914	107-1	0.
107	1.75	INV_SLV	Min			-0.8107	107-1	1.75
107	3.5	INV_SLV	Min			-24.1398	107-1	3.5
108	0.	INV_SLU	Max			9.1833	108-1	0.
108	1.75	INV_SLU	Max			-2.3246	108-1	1.75
108	3.5	INV_SLU	Max			-7.8306	108-1	3.5
108	0.	INV_SLU	Min			4.3779	108-1	0.
108	1.75	INV_SLU	Min			-3.9174	108-1	1.75
108	3.5	INV_SLU	Min			-9.4688	108-1	3.5
108	0.	INV_SLV	Max			27.2506	108-1	0.
108	1.75	INV_SLV	Max			-0.7717	108-1	1.75
108	3.5	INV_SLV	Max			15.6124	108-1	3.5
108	0.	INV_SLV	Min			-20.5649	108-1	0.
108	1.75	INV_SLV	Min			-2.6007	108-1	1.75
108	3.5	INV_SLV	Min			-29.043	108-1	3.5
109	0.	INV_SLU	Max			-140.8066	109-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
109	0.49231	INV_SLU	Max			-54.6221	109-1	0.49231
109	0.98462	INV_SLU	Max			23.0831	109-1	0.98462
109	1.47692	INV_SLU	Max			102.5719	109-1	1.47692
109	1.96923	INV_SLU	Max			163.2547	109-1	1.96923
109	2.46154	INV_SLU	Max			205.1315	109-1	2.46154
109	2.95385	INV_SLU	Max			228.2022	109-1	2.95385
109	3.44615	INV_SLU	Max			232.5464	109-1	3.44615
109	3.93846	INV_SLU	Max			218.0887	109-1	3.93846
109	4.43077	INV_SLU	Max			184.825	109-1	4.43077
109	4.92308	INV_SLU	Max			132.7553	109-1	4.92308
109	5.41538	INV_SLU	Max			61.8795	109-1	5.41538
109	5.90769	INV_SLU	Max			-19.4384	109-1	5.90769
109	6.4	INV_SLU	Max			-99.2373	109-1	6.4
109	0.	INV_SLU	Min			-192.8191	109-1	0.
109	0.49231	INV_SLU	Min			-75.6345	109-1	0.49231
109	0.98462	INV_SLU	Min			17.1538	109-1	0.98462
109	1.47692	INV_SLU	Min			75.7907	109-1	1.47692
109	1.96923	INV_SLU	Min			120.584	109-1	1.96923
109	2.46154	INV_SLU	Min			151.5337	109-1	2.46154
109	2.95385	INV_SLU	Min			168.6398	109-1	2.95385
109	3.44615	INV_SLU	Min			171.77	109-1	3.44615
109	3.93846	INV_SLU	Min			161.0495	109-1	3.93846
109	4.43077	INV_SLU	Min			136.4854	109-1	4.43077
109	4.92308	INV_SLU	Min			98.0777	109-1	4.92308
109	5.41538	INV_SLU	Min			45.8265	109-1	5.41538
109	5.90769	INV_SLU	Min			-28.3002	109-1	5.90769
109	6.4	INV_SLU	Min			-136.8718	109-1	6.4
109	0.	INV_SLV	Max			-77.7314	109-1	0.
109	0.49231	INV_SLV	Max			-22.0248	109-1	0.49231
109	0.98462	INV_SLV	Max			24.3074	109-1	0.98462
109	1.47692	INV_SLV	Max			61.2652	109-1	1.47692
109	1.96923	INV_SLV	Max			88.8486	109-1	1.96923
109	2.46154	INV_SLV	Max			107.0576	109-1	2.46154
109	2.95385	INV_SLV	Max			115.893	109-1	2.95385
109	3.44615	INV_SLV	Max			117.3897	109-1	3.44615
109	3.93846	INV_SLV	Max			112.8938	109-1	3.93846
109	4.43077	INV_SLV	Max			99.0249	109-1	4.43077
109	4.92308	INV_SLV	Max			75.7816	109-1	4.92308

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
109	5.41538	INV_SLV	Max			43.164	109-1	5.41538
109	5.90769	INV_SLV	Max			1.172	109-1	5.90769
109	6.4	INV_SLV	Max			-50.1944	109-1	6.4
109	0.	INV_SLV	Min			-113.6368	109-1	0.
109	0.49231	INV_SLV	Min			-52.5101	109-1	0.49231
109	0.98462	INV_SLV	Min			-0.7579	109-1	0.98462
109	1.47692	INV_SLV	Min			41.62	109-1	1.47692
109	1.96923	INV_SLV	Min			74.6233	109-1	1.96923
109	2.46154	INV_SLV	Min			98.2521	109-1	2.46154
109	2.95385	INV_SLV	Min			112.5058	109-1	2.95385
109	3.44615	INV_SLV	Min			115.3492	109-1	3.44615
109	3.93846	INV_SLV	Min			105.4364	109-1	3.93846
109	4.43077	INV_SLV	Min			86.1478	109-1	4.43077
109	4.92308	INV_SLV	Min			57.4847	109-1	4.92308
109	5.41538	INV_SLV	Min			19.447	109-1	5.41538
109	5.90769	INV_SLV	Min			-27.9651	109-1	5.90769
109	6.4	INV_SLV	Min			-84.7516	109-1	6.4
110	0.	INV_SLU	Max			-27.4606	110-1	0.
110	0.5	INV_SLU	Max			-17.0962	110-1	0.5
110	1.	INV_SLU	Max			-8.1938	110-1	1.
110	1.5	INV_SLU	Max			-0.7535	110-1	1.5
110	2.	INV_SLU	Max			5.2248	110-1	2.
110	2.5	INV_SLU	Max			9.7409	110-1	2.5
110	3.	INV_SLU	Max			13.0196	110-1	3.
110	3.5	INV_SLU	Max			15.4512	110-1	3.5
110	4.	INV_SLU	Max			16.4207	110-1	4.
110	4.5	INV_SLU	Max			16.2327	110-1	4.5
110	5.	INV_SLU	Max			14.6106	110-1	5.
110	5.5	INV_SLU	Max			11.5265	110-1	5.5
110	6.	INV_SLU	Max			6.9803	110-1	6.
110	0.	INV_SLU	Min			-34.9618	110-1	0.
110	0.5	INV_SLU	Min			-23.4252	110-1	0.5
110	1.	INV_SLU	Min			-13.3507	110-1	1.
110	1.5	INV_SLU	Min			-4.7383	110-1	1.5
110	2.	INV_SLU	Min			2.412	110-1	2.
110	2.5	INV_SLU	Min			8.0314	110-1	2.5
110	3.	INV_SLU	Min			11.6398	110-1	3.
110	3.5	INV_SLU	Min			13.7861	110-1	3.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
110	4.	INV_SLU	Min			14.4703	110-1	4.
110	4.5	INV_SLU	Min			13.1849	110-1	4.5
110	5.	INV_SLU	Min			10.3907	110-1	5.
110	5.5	INV_SLU	Min			6.1345	110-1	5.5
110	6.	INV_SLU	Min			0.4162	110-1	6.
110	0.	INV_SLV	Max			50.0096	110-1	0.
110	0.5	INV_SLV	Max			49.0594	110-1	0.5
110	1.	INV_SLV	Max			46.9859	110-1	1.
110	1.5	INV_SLV	Max			43.7902	110-1	1.5
110	2.	INV_SLV	Max			39.4741	110-1	2.
110	2.5	INV_SLV	Max			34.0421	110-1	2.5
110	3.	INV_SLV	Max			27.5088	110-1	3.
110	3.5	INV_SLV	Max			19.9533	110-1	3.5
110	4.	INV_SLV	Max			12.9059	110-1	4.
110	4.5	INV_SLV	Max			18.8135	110-1	4.5
110	5.	INV_SLV	Max			25.8637	110-1	5.
110	5.5	INV_SLV	Max			31.8424	110-1	5.5
110	6.	INV_SLV	Max			36.7113	110-1	6.
110	0.	INV_SLV	Min			-96.2236	110-1	0.
110	0.5	INV_SLV	Min			-78.9711	110-1	0.5
110	1.	INV_SLV	Min			-62.8446	110-1	1.
110	1.5	INV_SLV	Min			-47.8452	110-1	1.5
110	2.	INV_SLV	Min			-33.9748	110-1	2.
110	2.5	INV_SLV	Min			-21.2377	110-1	2.5
110	3.	INV_SLV	Min			-9.6487	110-1	3.
110	3.5	INV_SLV	Min			0.7131	110-1	3.5
110	4.	INV_SLV	Min			8.3175	110-1	4.
110	4.5	INV_SLV	Min			0.7176	110-1	4.5
110	5.	INV_SLV	Min			-10.2743	110-1	5.
110	5.5	INV_SLV	Min			-22.444	110-1	5.5
110	6.	INV_SLV	Min			-35.7533	110-1	6.
111	0.	INV_SLU	Max			13.2087	111-1	0.
111	0.45	INV_SLU	Max			3.9497	111-1	0.45
111	0.9	INV_SLU	Max			-5.1666	111-1	0.9
111	1.35	INV_SLU	Max			-12.8133	111-1	1.35
111	1.8	INV_SLU	Max			-21.6442	111-1	1.8
111	0.	INV_SLU	Min			6.5739	111-1	0.
111	0.45	INV_SLU	Min			0.006	111-1	0.45

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
111	0.9	INV_SLU	Min			-8.6682	111-1	0.9
111	1.35	INV_SLU	Min			-20.4429	111-1	1.35
111	1.8	INV_SLU	Min			-34.0286	111-1	1.8
111	0.	INV_SLV	Max			20.5185	111-1	0.
111	0.45	INV_SLV	Max			20.3889	111-1	0.45
111	0.9	INV_SLV	Max			50.6778	111-1	0.9
111	1.35	INV_SLV	Max			80.3795	111-1	1.35
111	1.8	INV_SLV	Max			109.2326	111-1	1.8
111	0.	INV_SLV	Min			-12.8815	111-1	0.
111	0.45	INV_SLV	Min			-19.8628	111-1	0.45
111	0.9	INV_SLV	Min			-59.0844	111-1	0.9
111	1.35	INV_SLV	Min			-99.5409	111-1	1.35
111	1.8	INV_SLV	Min			-140.9708	111-1	1.8
112	0.	INV_SLU	Max			-60.2791	112-1	0.
112	0.5	INV_SLU	Max			-28.6021	112-1	0.5
112	1.	INV_SLU	Max			-2.1372	112-1	1.
112	1.5	INV_SLU	Max			19.1156	112-1	1.5
112	2.	INV_SLU	Max			35.1563	112-1	2.
112	2.5	INV_SLU	Max			45.985	112-1	2.5
112	3.	INV_SLU	Max			51.6016	112-1	3.
112	3.5	INV_SLU	Max			52.0062	112-1	3.5
112	4.	INV_SLU	Max			47.893	112-1	4.
112	4.5	INV_SLU	Max			38.8107	112-1	4.5
112	5.	INV_SLU	Max			24.5163	112-1	5.
112	5.5	INV_SLU	Max			5.0099	112-1	5.5
112	6.	INV_SLU	Max			-19.7087	112-1	6.
112	0.	INV_SLU	Min			-67.0828	112-1	0.
112	0.5	INV_SLU	Min			-34.4686	112-1	0.5
112	1.	INV_SLU	Min			-7.0664	112-1	1.
112	1.5	INV_SLU	Min			15.1237	112-1	1.5
112	2.	INV_SLU	Min			32.1017	112-1	2.
112	2.5	INV_SLU	Min			43.8676	112-1	2.5
112	3.	INV_SLU	Min			50.4215	112-1	3.
112	3.5	INV_SLU	Min			51.7546	112-1	3.5
112	4.	INV_SLU	Min			47.1987	112-1	4.
112	4.5	INV_SLU	Min			37.1791	112-1	4.5
112	5.	INV_SLU	Min			21.9474	112-1	5.
112	5.5	INV_SLU	Min			1.5037	112-1	5.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
112	6.	INV_SLU	Min			-24.1521	112-1	6.
112	0.	INV_SLV	Max			35.0313	112-1	0.
112	0.5	INV_SLV	Max			46.6797	112-1	0.5
112	1.	INV_SLV	Max			54.7036	112-1	1.
112	1.5	INV_SLV	Max			59.1031	112-1	1.5
112	2.	INV_SLV	Max			59.8784	112-1	2.
112	2.5	INV_SLV	Max			57.0303	112-1	2.5
112	3.	INV_SLV	Max			50.5612	112-1	3.
112	3.5	INV_SLV	Max			40.4982	112-1	3.5
112	4.	INV_SLV	Max			39.2601	112-1	4.
112	4.5	INV_SLV	Max			43.3672	112-1	4.5
112	5.	INV_SLV	Max			43.8657	112-1	5.
112	5.5	INV_SLV	Max			40.7422	112-1	5.5
112	6.	INV_SLV	Max			33.9951	112-1	6.
112	0.	INV_SLV	Min			-124.2896	112-1	0.
112	0.5	INV_SLV	Min			-91.1646	112-1	0.5
112	1.	INV_SLV	Min			-61.6645	112-1	1.
112	1.5	INV_SLV	Min			-35.7892	112-1	1.5
112	2.	INV_SLV	Min			-13.5392	112-1	2.
112	2.5	INV_SLV	Min			5.085	112-1	2.5
112	3.	INV_SLV	Min			20.0808	112-1	3.
112	3.5	INV_SLV	Min			31.4211	112-1	3.5
112	4.	INV_SLV	Min			26.6873	112-1	4.
112	4.5	INV_SLV	Min			9.3588	112-1	4.5
112	5.	INV_SLV	Min			-11.6103	112-1	5.
112	5.5	INV_SLV	Min			-36.2068	112-1	5.5
112	6.	INV_SLV	Min			-64.4289	112-1	6.
116	0.	INV_SLU	Max			0.4254	116-1	0.
116	0.33333	INV_SLU	Max			0.0189	116-1	0.33333
116	0.66667	INV_SLU	Max			-1.0374	116-1	0.66667
116	0.66667	INV_SLU	Max			-1.2269	116-2	0.
116	1.	INV_SLU	Max			-0.479	116-2	0.33333
116	1.33333	INV_SLU	Max			-0.3674	116-2	0.66667
116	1.33333	INV_SLU	Max			-0.2798	116-3	0.
116	1.66667	INV_SLU	Max			-0.472	116-3	0.33333
116	2.	INV_SLU	Max			-1.314	116-3	0.66667
116	2.	INV_SLU	Max			-1.9848	116-4	0.
116	2.4	INV_SLU	Max			-0.9108	116-4	0.4

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
116	2.8	INV_SLU	Max			-0.7726	116-4	0.8
116	3.2	INV_SLU	Max			-0.4746	116-4	1.2
116	3.6	INV_SLU	Max			0.1701	116-4	1.6
116	3.6	INV_SLU	Max			-4.8414	116-5	0.
116	4.06667	INV_SLU	Max			-0.8604	116-5	0.46667
116	4.53333	INV_SLU	Max			1.847	116-5	0.93333
116	5.	INV_SLU	Max			3.2808	116-5	1.4
116	5.46667	INV_SLU	Max			3.488	116-5	1.86667
116	5.93333	INV_SLU	Max			2.5319	116-5	2.33333
116	6.4	INV_SLU	Max			0.3021	116-5	2.8
116	0.	INV_SLU	Min			0.3108	116-1	0.
116	0.33333	INV_SLU	Min			-0.2198	116-1	0.33333
116	0.66667	INV_SLU	Min			-1.4002	116-1	0.66667
116	0.66667	INV_SLU	Min			-1.938	116-2	0.
116	1.	INV_SLU	Min			-0.8986	116-2	0.33333
116	1.33333	INV_SLU	Min			-0.617	116-2	0.66667
116	1.33333	INV_SLU	Min			-1.4271	116-3	0.
116	1.66667	INV_SLU	Min			-2.221	116-3	0.33333
116	2.	INV_SLU	Min			-3.6647	116-3	0.66667
116	2.	INV_SLU	Min			-8.0232	116-4	0.
116	2.4	INV_SLU	Min			-4.5713	116-4	0.4
116	2.8	INV_SLU	Min			-2.0551	116-4	0.8
116	3.2	INV_SLU	Min			-1.5701	116-4	1.2
116	3.6	INV_SLU	Min			-3.3033	116-4	1.6
116	3.6	INV_SLU	Min			-5.8313	116-5	0.
116	4.06667	INV_SLU	Min			-1.6812	116-5	0.46667
116	4.53333	INV_SLU	Min			1.1953	116-5	0.93333
116	5.	INV_SLU	Min			2.6603	116-5	1.4
116	5.46667	INV_SLU	Min			2.8401	116-5	1.86667
116	5.93333	INV_SLU	Min			1.7462	116-5	2.33333
116	6.4	INV_SLU	Min			-0.6212	116-5	2.8
116	0.	INV_SLV	Max			12.0946	116-1	0.
116	0.33333	INV_SLV	Max			3.5883	116-1	0.33333
116	0.66667	INV_SLV	Max			5.9229	116-1	0.66667
116	0.66667	INV_SLV	Max			3.5476	116-2	0.
116	1.	INV_SLV	Max			3.5022	116-2	0.33333
116	1.33333	INV_SLV	Max			6.5977	116-2	0.66667
116	1.33333	INV_SLV	Max			20.1887	116-3	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
116	1.66667	INV_SLV	Max			31.2866	116-3	0.33333
116	2.	INV_SLV	Max			42.1462	116-3	0.66667
116	2.	INV_SLV	Max			108.4393	116-4	0.
116	2.4	INV_SLV	Max			66.361	116-4	0.4
116	2.8	INV_SLV	Max			23.6418	116-4	0.8
116	3.2	INV_SLV	Max			18.3542	116-4	1.2
116	3.6	INV_SLV	Max			60.9402	116-4	1.6
116	3.6	INV_SLV	Max			8.5414	116-5	0.
116	4.06667	INV_SLV	Max			10.4538	116-5	0.46667
116	4.53333	INV_SLV	Max			13.8573	116-5	0.93333
116	5.	INV_SLV	Max			18.4058	116-5	1.4
116	5.46667	INV_SLV	Max			22.409	116-5	1.86667
116	5.93333	INV_SLV	Max			25.7035	116-5	2.33333
116	6.4	INV_SLV	Max			28.172	116-5	2.8
116	0.	INV_SLV	Min			-11.9144	116-1	0.
116	0.33333	INV_SLV	Min			-3.6628	116-1	0.33333
116	0.66667	INV_SLV	Min			-7.2519	116-1	0.66667
116	0.66667	INV_SLV	Min			-5.4392	116-2	0.
116	1.	INV_SLV	Min			-4.1664	116-2	0.33333
116	1.33333	INV_SLV	Min			-7.0341	116-2	0.66667
116	1.33333	INV_SLV	Min			-21.1507	116-3	0.
116	1.66667	INV_SLV	Min			-32.7366	116-3	0.33333
116	2.	INV_SLV	Min			-45.0839	116-3	0.66667
116	2.	INV_SLV	Min			-114.2723	116-4	0.
116	2.4	INV_SLV	Min			-69.4325	116-4	0.4
116	2.8	INV_SLV	Min			-25.3915	116-4	0.8
116	3.2	INV_SLV	Min			-20.2217	116-4	1.2
116	3.6	INV_SLV	Min			-64.3649	116-4	1.6
116	3.6	INV_SLV	Min			-16.7583	116-5	0.
116	4.06667	INV_SLV	Min			-12.4529	116-5	0.46667
116	4.53333	INV_SLV	Min			-11.598	116-5	0.93333
116	5.	INV_SLV	Min			-13.8477	116-5	1.4
116	5.46667	INV_SLV	Min			-17.5114	116-5	1.86667
116	5.93333	INV_SLV	Min			-22.4258	116-5	2.33333
116	6.4	INV_SLV	Min			-28.4737	116-5	2.8
124	0.	INV_SLU	Max			-45.54	124-1	0.
124	1.75	INV_SLU	Max			-8.2289	124-1	1.75
124	3.5	INV_SLU	Max			35.3441	124-1	3.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
124	0.	INV_SLU	Min			-51.1796	124-1	0.
124	1.75	INV_SLU	Min			-10.5447	124-1	1.75
124	3.5	INV_SLU	Min			32.6008	124-1	3.5
124	0.	INV_SLV	Max			10.4139	124-1	0.
124	1.75	INV_SLV	Max			4.0437	124-1	1.75
124	3.5	INV_SLV	Max			85.9205	124-1	3.5
124	0.	INV_SLV	Min			-80.1756	124-1	0.
124	1.75	INV_SLV	Min			-14.7116	124-1	1.75
124	3.5	INV_SLV	Min			-37.4947	124-1	3.5
125	0.	INV_SLU	Max			-15.5736	125-1	0.
125	1.75	INV_SLU	Max			3.4016	125-1	1.75
125	3.5	INV_SLU	Max			33.839	125-1	3.5
125	0.	INV_SLU	Min			-25.9318	125-1	0.
125	1.75	INV_SLU	Min			-1.5118	125-1	1.75
125	3.5	INV_SLU	Min			29.0849	125-1	3.5
125	0.	INV_SLV	Max			20.7411	125-1	0.
125	1.75	INV_SLV	Max			9.7733	125-1	1.75
125	3.5	INV_SLV	Max			73.2225	125-1	3.5
125	0.	INV_SLV	Min			-55.5102	125-1	0.
125	1.75	INV_SLV	Min			-5.338	125-1	1.75
125	3.5	INV_SLV	Min			-29.5827	125-1	3.5
126	0.	INV_SLU	Max			-14.6418	126-1	0.
126	1.75	INV_SLU	Max			3.6134	126-1	1.75
126	3.5	INV_SLU	Max			33.0422	126-1	3.5
126	0.	INV_SLU	Min			-24.9309	126-1	0.
126	1.75	INV_SLU	Min			-1.4087	126-1	1.75
126	3.5	INV_SLU	Min			28.7251	126-1	3.5
126	0.	INV_SLV	Max			14.9068	126-1	0.
126	1.75	INV_SLV	Max			8.1626	126-1	1.75
126	3.5	INV_SLV	Max			63.5284	126-1	3.5
126	0.	INV_SLV	Min			-48.5044	126-1	0.
126	1.75	INV_SLV	Min			-3.4419	126-1	1.75
126	3.5	INV_SLV	Min			-20.4893	126-1	3.5
127	0.	INV_SLU	Max			-13.8608	127-1	0.
127	1.75	INV_SLU	Max			3.3939	127-1	1.75
127	3.5	INV_SLU	Max			31.629	127-1	3.5
127	0.	INV_SLU	Min			-24.0559	127-1	0.
127	1.75	INV_SLU	Min			-1.6421	127-1	1.75

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
127	3.5	INV_SLU	Min			27.6429	127-1	3.5
127	0.	INV_SLV	Max			9.1485	127-1	0.
127	1.75	INV_SLV	Max			6.2118	127-1	1.75
127	3.5	INV_SLV	Max			53.2316	127-1	3.5
127	0.	INV_SLV	Min			-41.6568	127-1	0.
127	1.75	INV_SLV	Min			-1.7763	127-1	1.75
127	3.5	INV_SLV	Min			-11.8523	127-1	3.5
128	0.	INV_SLU	Max			2.3437	128-1	0.
128	0.7	INV_SLU	Max			1.0731	128-1	0.7
128	0.7	INV_SLU	Max			2.9732	128-2	0.
128	1.4	INV_SLU	Max			-0.1723	128-2	0.7
128	1.4	INV_SLU	Max			1.2051	128-3	0.
128	1.75	INV_SLU	Max			-0.2033	128-3	0.35
128	2.1	INV_SLU	Max			-1.0352	128-3	0.7
128	2.1	INV_SLU	Max			0.2963	128-4	0.
128	2.8	INV_SLU	Max			-2.7351	128-4	0.7
128	2.8	INV_SLU	Max			-1.2183	128-5	0.
128	3.5	INV_SLU	Max			-6.7219	128-5	0.7
128	0.	INV_SLU	Min			0.9727	128-1	0.
128	0.7	INV_SLU	Min			0.7585	128-1	0.7
128	0.7	INV_SLU	Min			2.0072	128-2	0.
128	1.4	INV_SLU	Min			-0.3814	128-2	0.7
128	1.4	INV_SLU	Min			0.709	128-3	0.
128	1.75	INV_SLU	Min			-0.4138	128-3	0.35
128	2.1	INV_SLU	Min			-1.6401	128-3	0.7
128	2.1	INV_SLU	Min			0.031	128-4	0.
128	2.8	INV_SLU	Min			-4.1487	128-4	0.7
128	2.8	INV_SLU	Min			-1.9734	128-5	0.
128	3.5	INV_SLU	Min			-10.3629	128-5	0.7
128	0.	INV_SLV	Max			16.5132	128-1	0.
128	0.7	INV_SLV	Max			1.932	128-1	0.7
128	0.7	INV_SLV	Max			6.2518	128-2	0.
128	1.4	INV_SLV	Max			1.1898	128-2	0.7
128	1.4	INV_SLV	Max			5.5335	128-3	0.
128	1.75	INV_SLV	Max			2.1478	128-3	0.35
128	2.1	INV_SLV	Max			0.1976	128-3	0.7
128	2.1	INV_SLV	Max			4.3905	128-4	0.
128	2.8	INV_SLV	Max			0.8663	128-4	0.7

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
128	2.8	INV_SLV	Max			1.2458	128-5	0.
128	3.5	INV_SLV	Max			5.3827	128-5	0.7
128	0.	INV_SLV	Min			-15.3834	128-1	0.
128	0.7	INV_SLV	Min			-0.8515	128-1	0.7
128	0.7	INV_SLV	Min			-3.5152	128-2	0.
128	1.4	INV_SLV	Min			-1.4809	128-2	0.7
128	1.4	INV_SLV	Min			-4.5715	128-3	0.
128	1.75	INV_SLV	Min			-2.4156	128-3	0.35
128	2.1	INV_SLV	Min			-1.6953	128-3	0.7
128	2.1	INV_SLV	Min			-4.3568	128-4	0.
128	2.8	INV_SLV	Min			-4.5499	128-4	0.7
128	2.8	INV_SLV	Min			-2.9855	128-5	0.
128	3.5	INV_SLV	Min			-14.3967	128-5	0.7
129	0.	INV_SLU	Max			2.0234	129-1	0.
129	0.7	INV_SLU	Max			1.1819	129-1	0.7
129	0.7	INV_SLU	Max			2.83	129-2	0.
129	1.4	INV_SLU	Max			-0.0291	129-2	0.7
129	1.4	INV_SLU	Max			1.2182	129-3	0.
129	1.75	INV_SLU	Max			-0.1523	129-3	0.35
129	2.1	INV_SLU	Max			-0.8588	129-3	0.7
129	2.1	INV_SLU	Max			0.3032	129-4	0.
129	2.8	INV_SLU	Max			-2.5325	129-4	0.7
129	2.8	INV_SLU	Max			-1.1982	129-5	0.
129	3.5	INV_SLU	Max			-6.4076	129-5	0.7
129	0.	INV_SLU	Min			1.0241	129-1	0.
129	0.7	INV_SLU	Min			0.8206	129-1	0.7
129	0.7	INV_SLU	Min			1.9263	129-2	0.
129	1.4	INV_SLU	Min			-0.2293	129-2	0.7
129	1.4	INV_SLU	Min			0.6834	129-3	0.
129	1.75	INV_SLU	Min			-0.2911	129-3	0.35
129	2.1	INV_SLU	Min			-1.4201	129-3	0.7
129	2.1	INV_SLU	Min			0.034	129-4	0.
129	2.8	INV_SLU	Min			-3.8183	129-4	0.7
129	2.8	INV_SLU	Min			-1.906	129-5	0.
129	3.5	INV_SLU	Min			-9.9142	129-5	0.7
129	0.	INV_SLV	Max			11.1803	129-1	0.
129	0.7	INV_SLV	Max			1.6422	129-1	0.7
129	0.7	INV_SLV	Max			5.718	129-2	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
129	1.4	INV_SLV	Max			0.8908	129-2	0.7
129	1.4	INV_SLV	Max			5.2796	129-3	0.
129	1.75	INV_SLV	Max			2.5244	129-3	0.35
129	2.1	INV_SLV	Max			-0.2268	129-3	0.7
129	2.1	INV_SLV	Max			3.9961	129-4	0.
129	2.8	INV_SLV	Max			-0.2332	129-4	0.7
129	2.8	INV_SLV	Max			0.9442	129-5	0.
129	3.5	INV_SLV	Max			3.1759	129-5	0.7
129	0.	INV_SLV	Min			-9.9515	129-1	0.
129	0.7	INV_SLV	Min			-0.4811	129-1	0.7
129	0.7	INV_SLV	Min			-3.0718	129-2	0.
129	1.4	INV_SLV	Min			-1.074	129-2	0.7
129	1.4	INV_SLV	Min			-4.3072	129-3	0.
129	1.75	INV_SLV	Min			-2.6992	129-3	0.35
129	2.1	INV_SLV	Min			-1.0951	129-3	0.7
129	2.1	INV_SLV	Min			-3.9171	129-4	0.
129	2.8	INV_SLV	Min			-3.1929	129-4	0.7
129	2.8	INV_SLV	Min			-2.6275	129-5	0.
129	3.5	INV_SLV	Min			-11.8493	129-5	0.7
130	0.	INV_SLU	Max			-5.0768	130-1	0.
130	1.75	INV_SLU	Max			0.4908	130-1	1.75
130	3.5	INV_SLU	Max			7.2386	130-1	3.5
130	0.	INV_SLU	Min			-6.4018	130-1	0.
130	1.75	INV_SLU	Min			0.1127	130-1	1.75
130	3.5	INV_SLU	Min			5.3021	130-1	3.5
130	0.	INV_SLV	Max			84.3508	130-1	0.
130	1.75	INV_SLV	Max			10.0986	130-1	1.75
130	3.5	INV_SLV	Max			111.0812	130-1	3.5
130	0.	INV_SLV	Min			-91.6273	130-1	0.
130	1.75	INV_SLV	Min			-9.8073	130-1	1.75
130	3.5	INV_SLV	Min			-103.2222	130-1	3.5
131	0.	INV_SLU	Max			-4.3714	131-1	0.
131	1.75	INV_SLU	Max			0.4789	131-1	1.75
131	3.5	INV_SLU	Max			6.4595	131-1	3.5
131	0.	INV_SLU	Min			-5.817	131-1	0.
131	1.75	INV_SLU	Min			0.1085	131-1	1.75
131	3.5	INV_SLU	Min			4.8462	131-1	3.5
131	0.	INV_SLV	Max			70.679	131-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
131	1.75	INV_SLV	Max			8.2998	131-1	1.75
131	3.5	INV_SLV	Max			93.2588	131-1	3.5
131	0.	INV_SLV	Min			-77.227	131-1	0.
131	1.75	INV_SLV	Min			-8.0463	131-1	1.75
131	3.5	INV_SLV	Min			-86.2037	131-1	3.5
132	0.	INV_SLU	Max			-3.591	132-1	0.
132	1.75	INV_SLU	Max			0.3866	132-1	1.75
132	3.5	INV_SLU	Max			5.619	132-1	3.5
132	0.	INV_SLU	Min			-5.2811	132-1	0.
132	1.75	INV_SLU	Min			0.1102	132-1	1.75
132	3.5	INV_SLU	Min			4.3643	132-1	3.5
132	0.	INV_SLV	Max			57.8691	132-1	0.
132	1.75	INV_SLV	Max			6.5719	132-1	1.75
132	3.5	INV_SLV	Max			76.4643	132-1	3.5
132	0.	INV_SLV	Min			-63.7117	132-1	0.
132	1.75	INV_SLV	Min			-6.348	132-1	1.75
132	3.5	INV_SLV	Min			-70.1738	132-1	3.5
133	0.	INV_SLU	Max			-3.1926	133-1	0.
133	1.75	INV_SLU	Max			0.4746	133-1	1.75
133	3.5	INV_SLU	Max			6.0073	133-1	3.5
133	0.	INV_SLU	Min			-5.2541	133-1	0.
133	1.75	INV_SLU	Min			0.2761	133-1	1.75
133	3.5	INV_SLU	Min			4.0716	133-1	3.5
133	0.	INV_SLV	Max			45.7532	133-1	0.
133	1.75	INV_SLV	Max			5.1328	133-1	1.75
133	3.5	INV_SLV	Max			61.5022	133-1	3.5
133	0.	INV_SLV	Min			-51.462	133-1	0.
133	1.75	INV_SLV	Min			-4.7063	133-1	1.75
133	3.5	INV_SLV	Min			-54.9402	133-1	3.5
134	0.	INV_SLU	Max			-30.5579	134-1	0.
134	1.75	INV_SLU	Max			6.4877	134-1	1.75
134	3.5	INV_SLU	Max			55.5811	134-1	3.5
134	0.	INV_SLU	Min			-42.6058	134-1	0.
134	1.75	INV_SLU	Min			4.5813	134-1	1.75
134	3.5	INV_SLU	Min			39.7204	134-1	3.5
134	0.	INV_SLV	Max			34.7076	134-1	0.
134	1.75	INV_SLV	Max			8.59	134-1	1.75
134	3.5	INV_SLV	Max			98.4649	134-1	3.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
134	0.	INV_SLV	Min			-81.3285	134-1	0.
134	1.75	INV_SLV	Min			-1.8722	134-1	1.75
134	3.5	INV_SLV	Min			-38.4083	134-1	3.5
135	0.	INV_SLU	Max			-28.1182	135-1	0.
135	1.75	INV_SLU	Max			6.0998	135-1	1.75
135	3.5	INV_SLU	Max			52.5968	135-1	3.5
135	0.	INV_SLU	Min			-40.3972	135-1	0.
135	1.75	INV_SLU	Min			4.2715	135-1	1.75
135	3.5	INV_SLU	Min			36.6611	135-1	3.5
135	0.	INV_SLV	Max			35.4954	135-1	0.
135	1.75	INV_SLV	Max			8.5542	135-1	1.75
135	3.5	INV_SLV	Max			96.877	135-1	3.5
135	0.	INV_SLV	Min			-79.7959	135-1	0.
135	1.75	INV_SLV	Min			-2.1312	135-1	1.75
135	3.5	INV_SLV	Min			-39.7304	135-1	3.5
136	0.	INV_SLU	Max			-32.109	136-1	0.
136	0.4875	INV_SLU	Max			-21.255	136-1	0.4875
136	0.975	INV_SLU	Max			-11.7909	136-1	0.975
136	1.4625	INV_SLU	Max			-3.7167	136-1	1.4625
136	1.95	INV_SLU	Max			2.9676	136-1	1.95
136	2.4375	INV_SLU	Max			8.2621	136-1	2.4375
136	2.925	INV_SLU	Max			12.1666	136-1	2.925
136	3.4125	INV_SLU	Max			14.6813	136-1	3.4125
136	3.9	INV_SLU	Max			15.8878	136-1	3.9
136	4.3875	INV_SLU	Max			15.89	136-1	4.3875
136	4.875	INV_SLU	Max			14.5023	136-1	4.875
136	5.3625	INV_SLU	Max			11.7248	136-1	5.3625
136	5.85	INV_SLU	Max			7.5673	136-1	5.85
136	6.3375	INV_SLU	Max			2.0661	136-1	6.3375
136	6.825	INV_SLU	Max			-4.825	136-1	6.825
136	7.3125	INV_SLU	Max			-13.1059	136-1	7.3125
136	7.8	INV_SLU	Max			-22.7767	136-1	7.8
136	0.	INV_SLU	Min			-34.829	136-1	0.
136	0.4875	INV_SLU	Min			-23.6516	136-1	0.4875
136	0.975	INV_SLU	Min			-13.8641	136-1	0.975
136	1.4625	INV_SLU	Min			-5.4665	136-1	1.4625
136	1.95	INV_SLU	Min			1.5412	136-1	1.95
136	2.4375	INV_SLU	Min			7.159	136-1	2.4375

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
136	2.925	INV_SLU	Min			11.387	136-1	2.925
136	3.4125	INV_SLU	Min			14.2251	136-1	3.4125
136	3.9	INV_SLU	Min			15.4486	136-1	3.9
136	4.3875	INV_SLU	Min			15.2771	136-1	4.3875
136	4.875	INV_SLU	Min			13.7157	136-1	4.875
136	5.3625	INV_SLU	Min			10.7644	136-1	5.3625
136	5.85	INV_SLU	Min			6.4066	136-1	5.85
136	6.3375	INV_SLU	Min			0.5821	136-1	6.3375
136	6.825	INV_SLU	Min			-6.6324	136-1	6.825
136	7.3125	INV_SLU	Min			-15.2367	136-1	7.3125
136	7.8	INV_SLU	Min			-25.2309	136-1	7.8
136	0.	INV_SLV	Max			37.177	136-1	0.
136	0.4875	INV_SLV	Max			38.2864	136-1	0.4875
136	0.975	INV_SLV	Max			38.3266	136-1	0.975
136	1.4625	INV_SLV	Max			37.2978	136-1	1.4625
136	1.95	INV_SLV	Max			35.1998	136-1	1.95
136	2.4375	INV_SLV	Max			32.0327	136-1	2.4375
136	2.925	INV_SLV	Max			27.7965	136-1	2.925
136	3.4125	INV_SLV	Max			22.4915	136-1	3.4125
136	3.9	INV_SLV	Max			16.1187	136-1	3.9
136	4.3875	INV_SLV	Max			15.2746	136-1	4.3875
136	4.875	INV_SLV	Max			21.061	136-1	4.875
136	5.3625	INV_SLV	Max			25.7802	136-1	5.3625
136	5.85	INV_SLV	Max			29.4305	136-1	5.85
136	6.3375	INV_SLV	Max			32.0118	136-1	6.3375
136	6.825	INV_SLV	Max			33.524	136-1	6.825
136	7.3125	INV_SLV	Max			33.967	136-1	7.3125
136	7.8	INV_SLV	Max			33.341	136-1	7.8
136	0.	INV_SLV	Min			-84.9394	136-1	0.
136	0.4875	INV_SLV	Min			-69.5284	136-1	0.4875
136	0.975	INV_SLV	Min			-55.1865	136-1	0.975
136	1.4625	INV_SLV	Min			-41.9138	136-1	1.4625
136	1.95	INV_SLV	Min			-29.7103	136-1	1.95
136	2.4375	INV_SLV	Min			-18.5759	136-1	2.4375
136	2.925	INV_SLV	Min			-8.5107	136-1	2.925
136	3.4125	INV_SLV	Min			0.4851	136-1	3.4125
136	3.9	INV_SLV	Min			8.4103	136-1	3.9
136	4.3875	INV_SLV	Min			8.6686	136-1	4.3875

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
136	4.875	INV_SLV	Min			0.1582	136-1	4.875
136	5.3625	INV_SLV	Min			-9.4234	136-1	5.3625
136	5.85	INV_SLV	Min			-20.0744	136-1	5.85
136	6.3375	INV_SLV	Min			-31.7945	136-1	6.3375
136	6.825	INV_SLV	Min			-44.5839	136-1	6.825
136	7.3125	INV_SLV	Min			-58.4424	136-1	7.3125
136	7.8	INV_SLV	Min			-73.3701	136-1	7.8
137	0.	INV_SLU	Max			-29.5504	137-1	0.
137	0.4875	INV_SLU	Max			-18.8439	137-1	0.4875
137	0.975	INV_SLU	Max			-9.5273	137-1	0.975
137	1.4625	INV_SLU	Max			-1.6006	137-1	1.4625
137	1.95	INV_SLU	Max			4.9362	137-1	1.95
137	2.4375	INV_SLU	Max			10.0832	137-1	2.4375
137	2.925	INV_SLU	Max			13.8403	137-1	2.925
137	3.4125	INV_SLU	Max			16.2075	137-1	3.4125
137	3.9	INV_SLU	Max			17.4422	137-1	3.9
137	4.3875	INV_SLU	Max			17.5262	137-1	4.3875
137	4.875	INV_SLU	Max			16.2204	137-1	4.875
137	5.3625	INV_SLU	Max			13.5246	137-1	5.3625
137	5.85	INV_SLU	Max			9.439	137-1	5.85
137	6.3375	INV_SLU	Max			4.0104	137-1	6.3375
137	6.825	INV_SLU	Max			-2.7704	137-1	6.825
137	7.3125	INV_SLU	Max			-10.9411	137-1	7.3125
137	7.8	INV_SLU	Max			-20.5017	137-1	7.8
137	0.	INV_SLU	Min			-34.318	137-1	0.
137	0.4875	INV_SLU	Min			-23.0304	137-1	0.4875
137	0.975	INV_SLU	Min			-13.1326	137-1	0.975
137	1.4625	INV_SLU	Min			-4.6248	137-1	1.4625
137	1.95	INV_SLU	Min			2.4932	137-1	1.95
137	2.4375	INV_SLU	Min			8.2213	137-1	2.4375
137	2.925	INV_SLU	Min			12.5595	137-1	2.925
137	3.4125	INV_SLU	Min			15.44	137-1	3.4125
137	3.9	INV_SLU	Min			16.5583	137-1	3.9
137	4.3875	INV_SLU	Min			16.2867	137-1	4.3875
137	4.875	INV_SLU	Min			14.6252	137-1	4.875
137	5.3625	INV_SLU	Min			11.5739	137-1	5.3625
137	5.85	INV_SLU	Min			7.1327	137-1	5.85
137	6.3375	INV_SLU	Min			1.2233	137-1	6.3375

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
137	6.825	INV_SLU	Min			-6.1386	137-1	6.825
137	7.3125	INV_SLU	Min			-14.8904	137-1	7.3125
137	7.8	INV_SLU	Min			-25.0321	137-1	7.8
137	0.	INV_SLV	Max			29.2567	137-1	0.
137	0.4875	INV_SLV	Max			31.3981	137-1	0.4875
137	0.975	INV_SLV	Max			32.4703	137-1	0.975
137	1.4625	INV_SLV	Max			32.4734	137-1	1.4625
137	1.95	INV_SLV	Max			31.4074	137-1	1.95
137	2.4375	INV_SLV	Max			29.2723	137-1	2.4375
137	2.925	INV_SLV	Max			26.0681	137-1	2.925
137	3.4125	INV_SLV	Max			21.7949	137-1	3.4125
137	3.9	INV_SLV	Max			16.4536	137-1	3.9
137	4.3875	INV_SLV	Max			15.545	137-1	4.3875
137	4.875	INV_SLV	Max			20.0931	137-1	4.875
137	5.3625	INV_SLV	Max			23.5736	137-1	5.3625
137	5.85	INV_SLV	Max			25.9851	137-1	5.85
137	6.3375	INV_SLV	Max			27.3275	137-1	6.3375
137	6.825	INV_SLV	Max			27.6008	137-1	6.825
137	7.3125	INV_SLV	Max			26.805	137-1	7.3125
137	7.8	INV_SLV	Max			24.9401	137-1	7.8
137	0.	INV_SLV	Min			-73.5182	137-1	0.
137	0.4875	INV_SLV	Min			-59.346	137-1	0.4875
137	0.975	INV_SLV	Min			-46.243	137-1	0.975
137	1.4625	INV_SLV	Min			-34.2092	137-1	1.4625
137	1.95	INV_SLV	Min			-23.2445	137-1	1.95
137	2.4375	INV_SLV	Min			-13.349	137-1	2.4375
137	2.925	INV_SLV	Min			-4.5226	137-1	2.925
137	3.4125	INV_SLV	Min			3.2344	137-1	3.4125
137	3.9	INV_SLV	Min			9.9213	137-1	3.9
137	4.3875	INV_SLV	Min			10.0372	137-1	4.3875
137	4.875	INV_SLV	Min			2.5581	137-1	4.875
137	5.3625	INV_SLV	Min			-5.9916	137-1	5.3625
137	5.85	INV_SLV	Min			-15.6106	137-1	5.85
137	6.3375	INV_SLV	Min			-26.2988	137-1	6.3375
137	6.825	INV_SLV	Min			-38.0562	137-1	6.825
137	7.3125	INV_SLV	Min			-50.8827	137-1	7.3125
137	7.8	INV_SLV	Min			-64.7784	137-1	7.8
138	0.	INV_SLU	Max			-28.7661	138-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
138	0.4875	INV_SLU	Max			-18.1526	138-1	0.4875
138	0.975	INV_SLU	Max			-8.9289	138-1	0.975
138	1.4625	INV_SLU	Max			-1.0952	138-1	1.4625
138	1.95	INV_SLU	Max			5.3487	138-1	1.95
138	2.4375	INV_SLU	Max			10.4027	138-1	2.4375
138	2.925	INV_SLU	Max			14.0669	138-1	2.925
138	3.4125	INV_SLU	Max			16.3411	138-1	3.4125
138	3.9	INV_SLU	Max			17.4715	138-1	3.9
138	4.3875	INV_SLU	Max			17.4259	138-1	4.3875
138	4.875	INV_SLU	Max			15.9905	138-1	4.875
138	5.3625	INV_SLU	Max			13.1653	138-1	5.3625
138	5.85	INV_SLU	Max			8.9501	138-1	5.85
138	6.3375	INV_SLU	Max			3.3451	138-1	6.3375
138	6.825	INV_SLU	Max			-3.6414	138-1	6.825
138	7.3125	INV_SLU	Max			-11.9628	138-1	7.3125
138	7.8	INV_SLU	Max			-21.6741	138-1	7.8
138	0.	INV_SLU	Min			-33.079	138-1	0.
138	0.4875	INV_SLU	Min			-21.9421	138-1	0.4875
138	0.975	INV_SLU	Min			-12.195	138-1	0.975
138	1.4625	INV_SLU	Min			-3.8379	138-1	1.4625
138	1.95	INV_SLU	Min			3.1293	138-1	1.95
138	2.4375	INV_SLU	Min			8.7067	138-1	2.4375
138	2.925	INV_SLU	Min			12.8942	138-1	2.925
138	3.4125	INV_SLU	Min			15.6157	138-1	3.4125
138	3.9	INV_SLU	Min			16.6057	138-1	3.9
138	4.3875	INV_SLU	Min			16.2058	138-1	4.3875
138	4.875	INV_SLU	Min			14.4161	138-1	4.875
138	5.3625	INV_SLU	Min			11.2365	138-1	5.3625
138	5.85	INV_SLU	Min			6.667	138-1	5.85
138	6.3375	INV_SLU	Min			0.7076	138-1	6.3375
138	6.825	INV_SLU	Min			-6.6557	138-1	6.825
138	7.3125	INV_SLU	Min			-15.5005	138-1	7.3125
138	7.8	INV_SLU	Min			-25.7352	138-1	7.8
138	0.	INV_SLV	Max			20.485	138-1	0.
138	0.4875	INV_SLV	Max			23.6539	138-1	0.4875
138	0.975	INV_SLV	Max			25.7536	138-1	0.975
138	1.4625	INV_SLV	Max			26.7842	138-1	1.4625
138	1.95	INV_SLV	Max			26.7456	138-1	1.95

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
138	2.4375	INV_SLV	Max			25.6379	138-1	2.4375
138	2.925	INV_SLV	Max			23.4612	138-1	2.925
138	3.4125	INV_SLV	Max			20.2154	138-1	3.4125
138	3.9	INV_SLV	Max			15.9012	138-1	3.9
138	4.3875	INV_SLV	Max			14.9887	138-1	4.3875
138	4.875	INV_SLV	Max			18.3717	138-1	4.875
138	5.3625	INV_SLV	Max			20.6866	138-1	5.3625
138	5.85	INV_SLV	Max			21.9325	138-1	5.85
138	6.3375	INV_SLV	Max			22.1093	138-1	6.3375
138	6.825	INV_SLV	Max			21.217	138-1	6.825
138	7.3125	INV_SLV	Max			19.2555	138-1	7.3125
138	7.8	INV_SLV	Max			16.2249	138-1	7.8
138	0.	INV_SLV	Min			-63.5826	138-1	0.
138	0.4875	INV_SLV	Min			-50.5761	138-1	0.4875
138	0.975	INV_SLV	Min			-38.6388	138-1	0.975
138	1.4625	INV_SLV	Min			-27.7706	138-1	1.4625
138	1.95	INV_SLV	Min			-17.9716	138-1	1.95
138	2.4375	INV_SLV	Min			-9.2417	138-1	2.4375
138	2.925	INV_SLV	Min			-1.581	138-1	2.925
138	3.4125	INV_SLV	Min			5.0105	138-1	3.4125
138	3.9	INV_SLV	Min			10.5321	138-1	3.9
138	4.3875	INV_SLV	Min			10.5137	138-1	4.3875
138	4.875	INV_SLV	Min			4.0615	138-1	4.875
138	5.3625	INV_SLV	Min			-3.4608	138-1	5.3625
138	5.85	INV_SLV	Min			-12.0524	138-1	5.85
138	6.3375	INV_SLV	Min			-21.7131	138-1	6.3375
138	6.825	INV_SLV	Min			-32.443	138-1	6.825
138	7.3125	INV_SLV	Min			-44.2421	138-1	7.3125
138	7.8	INV_SLV	Min			-57.1103	138-1	7.8
139	0.	INV_SLU	Max			-28.6872	139-1	0.
139	0.4875	INV_SLU	Max			-18.1035	139-1	0.4875
139	0.975	INV_SLU	Max			-8.9097	139-1	0.975
139	1.4625	INV_SLU	Max			-1.1058	139-1	1.4625
139	1.95	INV_SLU	Max			5.3083	139-1	1.95
139	2.4375	INV_SLU	Max			10.3325	139-1	2.4375
139	2.925	INV_SLU	Max			13.9668	139-1	2.925
139	3.4125	INV_SLU	Max			16.2113	139-1	3.4125
139	3.9	INV_SLU	Max			17.2722	139-1	3.9

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
139	4.3875	INV_SLU	Max			17.186	139-1	4.3875
139	4.875	INV_SLU	Max			15.7099	139-1	4.875
139	5.3625	INV_SLU	Max			12.8439	139-1	5.3625
139	5.85	INV_SLU	Max			8.5881	139-1	5.85
139	6.3375	INV_SLU	Max			2.9424	139-1	6.3375
139	6.825	INV_SLU	Max			-4.0933	139-1	6.825
139	7.3125	INV_SLU	Max			-12.5187	139-1	7.3125
139	7.8	INV_SLU	Max			-22.3341	139-1	7.8
139	0.	INV_SLU	Min			-32.7366	139-1	0.
139	0.4875	INV_SLU	Min			-21.6643	139-1	0.4875
139	0.975	INV_SLU	Min			-11.9819	139-1	0.975
139	1.4625	INV_SLU	Min			-3.6894	139-1	1.4625
139	1.95	INV_SLU	Min			3.2133	139-1	1.95
139	2.4375	INV_SLU	Min			8.726	139-1	2.4375
139	2.925	INV_SLU	Min			12.8489	139-1	2.925
139	3.4125	INV_SLU	Min			15.5669	139-1	3.4125
139	3.9	INV_SLU	Min			16.4872	139-1	3.9
139	4.3875	INV_SLU	Min			16.0177	139-1	4.3875
139	4.875	INV_SLU	Min			14.1583	139-1	4.875
139	5.3625	INV_SLU	Min			10.909	139-1	5.3625
139	5.85	INV_SLU	Min			6.2698	139-1	5.85
139	6.3375	INV_SLU	Min			0.2407	139-1	6.3375
139	6.825	INV_SLU	Min			-7.1782	139-1	6.825
139	7.3125	INV_SLU	Min			-15.987	139-1	7.3125
139	7.8	INV_SLU	Min			-26.1857	139-1	7.8
139	0.	INV_SLV	Max			11.7761	139-1	0.
139	0.4875	INV_SLV	Max			15.9654	139-1	0.4875
139	0.975	INV_SLV	Max			19.0855	139-1	0.975
139	1.4625	INV_SLV	Max			21.1365	139-1	1.4625
139	1.95	INV_SLV	Max			22.1184	139-1	1.95
139	2.4375	INV_SLV	Max			22.0312	139-1	2.4375
139	2.925	INV_SLV	Max			20.8749	139-1	2.925
139	3.4125	INV_SLV	Max			18.6495	139-1	3.4125
139	3.9	INV_SLV	Max			15.3555	139-1	3.9
139	4.3875	INV_SLV	Max			14.2362	139-1	4.3875
139	4.875	INV_SLV	Max			16.548	139-1	4.875
139	5.3625	INV_SLV	Max			17.7916	139-1	5.3625
139	5.85	INV_SLV	Max			17.9662	139-1	5.85

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
139	6.3375	INV_SLV	Max			17.0718	139-1	6.3375
139	6.825	INV_SLV	Max			15.1082	139-1	6.825
139	7.3125	INV_SLV	Max			12.0754	139-1	7.3125
139	7.8	INV_SLV	Max			7.9736	139-1	7.8
139	0.	INV_SLV	Min			-54.6936	139-1	0.
139	0.4875	INV_SLV	Min			-42.7584	139-1	0.4875
139	0.975	INV_SLV	Min			-31.8923	139-1	0.975
139	1.4625	INV_SLV	Min			-22.0954	139-1	1.4625
139	1.95	INV_SLV	Min			-13.3676	139-1	1.95
139	2.4375	INV_SLV	Min			-5.709	139-1	2.4375
139	2.925	INV_SLV	Min			0.8805	139-1	2.925
139	3.4125	INV_SLV	Min			6.4007	139-1	3.4125
139	3.9	INV_SLV	Min			10.8512	139-1	3.9
139	4.3875	INV_SLV	Min			10.9889	139-1	4.3875
139	4.875	INV_SLV	Min			5.5571	139-1	4.875
139	5.3625	INV_SLV	Min			-0.9448	139-1	5.3625
139	5.85	INV_SLV	Min			-8.5159	139-1	5.85
139	6.3375	INV_SLV	Min			-17.1562	139-1	6.3375
139	6.825	INV_SLV	Min			-26.8657	139-1	6.825
139	7.3125	INV_SLV	Min			-37.6443	139-1	7.3125
139	7.8	INV_SLV	Min			-49.4921	139-1	7.8
140	0.	INV_SLU	Max			10.4874	140-1	0.
140	0.36667	INV_SLU	Max			1.4127	140-1	0.36667
140	0.73333	INV_SLU	Max			-5.6802	140-1	0.73333
140	0.73333	INV_SLU	Max			-4.3566	140-2	0.
140	1.1	INV_SLU	Max			-3.2844	140-2	0.36667
140	1.46667	INV_SLU	Max			-2.8825	140-2	0.73333
140	1.46667	INV_SLU	Max			-1.6481	140-3	0.
140	1.83333	INV_SLU	Max			-1.264	140-3	0.36667
140	2.2	INV_SLU	Max			-1.4883	140-3	0.73333
140	2.2	INV_SLU	Max			-1.0931	140-4	0.
140	2.53333	INV_SLU	Max			-0.4155	140-4	0.33333
140	2.86667	INV_SLU	Max			-0.3877	140-4	0.66667
140	2.86667	INV_SLU	Max			-0.6828	140-5	0.
140	3.2	INV_SLU	Max			-2.6093	140-5	0.33333
140	3.53333	INV_SLU	Max			-5.1857	140-5	0.66667
140	3.53333	INV_SLU	Max			-9.4171	140-6	0.
140	3.86667	INV_SLU	Max			-18.1336	140-6	0.33333

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
140	4.2	INV_SLU	Max			-27.4999	140-6	0.66667
140	4.2	INV_SLU	Max			-46.6417	140-7	0.
140	4.65	INV_SLU	Max			-33.5748	140-7	0.45
140	5.1	INV_SLU	Max			-21.6921	140-7	0.9
140	5.55	INV_SLU	Max			-10.9937	140-7	1.35
140	6.	INV_SLU	Max			-1.4795	140-7	1.8
140	6.45	INV_SLU	Max			11.7301	140-7	2.25
140	6.9	INV_SLU	Max			24.9756	140-7	2.7
140	7.35	INV_SLU	Max			37.0368	140-7	3.15
140	7.8	INV_SLU	Max			47.9137	140-7	3.6
140	0.	INV_SLU	Min			7.0694	140-1	0.
140	0.36667	INV_SLU	Min			1.0877	140-1	0.36667
140	0.73333	INV_SLU	Min			-8.4483	140-1	0.73333
140	0.73333	INV_SLU	Min			-6.7348	140-2	0.
140	1.1	INV_SLU	Min			-5.0842	140-2	0.36667
140	1.46667	INV_SLU	Min			-4.2895	140-2	0.73333
140	1.46667	INV_SLU	Min			-2.6318	140-3	0.
140	1.83333	INV_SLU	Min			-2.0715	140-3	0.36667
140	2.2	INV_SLU	Min			-2.4042	140-3	0.73333
140	2.2	INV_SLU	Min			-1.3932	140-4	0.
140	2.53333	INV_SLU	Min			-0.7403	140-4	0.33333
140	2.86667	INV_SLU	Min			-0.7371	140-4	0.66667
140	2.86667	INV_SLU	Min			-1.0492	140-5	0.
140	3.2	INV_SLU	Min			-4.157	140-5	0.33333
140	3.53333	INV_SLU	Min			-7.9146	140-5	0.66667
140	3.53333	INV_SLU	Min			-14.6738	140-6	0.
140	3.86667	INV_SLU	Min			-28.1491	140-6	0.33333
140	4.2	INV_SLU	Min			-42.2741	140-6	0.66667
140	4.2	INV_SLU	Min			-72.2614	140-7	0.
140	4.65	INV_SLU	Min			-53.0946	140-7	0.45
140	5.1	INV_SLU	Min			-35.112	140-7	0.9
140	5.55	INV_SLU	Min			-18.3137	140-7	1.35
140	6.	INV_SLU	Min			-2.6997	140-7	1.8
140	6.45	INV_SLU	Min			6.8503	140-7	2.25
140	6.9	INV_SLU	Min			13.9959	140-7	2.7
140	7.35	INV_SLU	Min			19.9572	140-7	3.15
140	7.8	INV_SLU	Min			24.7342	140-7	3.6
140	0.	INV_SLV	Max			14.4275	140-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
140	0.36667	INV_SLV	Max			7.1062	140-1	0.36667
140	0.73333	INV_SLV	Max			-0.7661	140-1	0.73333
140	0.73333	INV_SLV	Max			6.3955	140-2	0.
140	1.1	INV_SLV	Max			1.4452	140-2	0.36667
140	1.46667	INV_SLV	Max			0.1969	140-2	0.73333
140	1.46667	INV_SLV	Max			6.1189	140-3	0.
140	1.83333	INV_SLV	Max			3.4641	140-3	0.36667
140	2.2	INV_SLV	Max			13.041	140-3	0.73333
140	2.2	INV_SLV	Max			9.9522	140-4	0.
140	2.53333	INV_SLV	Max			3.1273	140-4	0.33333
140	2.86667	INV_SLV	Max			5.3033	140-4	0.66667
140	2.86667	INV_SLV	Max			3.3818	140-5	0.
140	3.2	INV_SLV	Max			-0.2676	140-5	0.33333
140	3.53333	INV_SLV	Max			-1.9993	140-5	0.66667
140	3.53333	INV_SLV	Max			6.0123	140-6	0.
140	3.86667	INV_SLV	Max			8.9463	140-6	0.33333
140	4.2	INV_SLV	Max			11.5848	140-6	0.66667
140	4.2	INV_SLV	Max			34.9735	140-7	0.
140	4.65	INV_SLV	Max			29.0153	140-7	0.45
140	5.1	INV_SLV	Max			22.1462	140-7	0.9
140	5.55	INV_SLV	Max			14.3666	140-7	1.35
140	6.	INV_SLV	Max			5.6799	140-7	1.8
140	6.45	INV_SLV	Max			13.5313	140-7	2.25
140	6.9	INV_SLV	Max			34.0807	140-7	2.7
140	7.35	INV_SLV	Max			53.7219	140-7	3.15
140	7.8	INV_SLV	Max			72.4526	140-7	3.6
140	0.	INV_SLV	Min			-4.8344	140-1	0.
140	0.36667	INV_SLV	Min			-5.5848	140-1	0.36667
140	0.73333	INV_SLV	Min			-6.9938	140-1	0.73333
140	0.73333	INV_SLV	Min			-12.6608	140-2	0.
140	1.1	INV_SLV	Min			-5.9481	140-2	0.36667
140	1.46667	INV_SLV	Min			-4.1471	140-2	0.73333
140	1.46667	INV_SLV	Min			-8.684	140-3	0.
140	1.83333	INV_SLV	Min			-5.1514	140-3	0.36667
140	2.2	INV_SLV	Min			-15.0602	140-3	0.73333
140	2.2	INV_SLV	Min			-11.5382	140-4	0.
140	2.53333	INV_SLV	Min			-3.6941	140-4	0.33333
140	2.86667	INV_SLV	Min			-5.8506	140-4	0.66667

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
140	2.86667	INV_SLV	Min			-4.403	140-5	0.
140	3.2	INV_SLV	Min			-3.4027	140-5	0.33333
140	3.53333	INV_SLV	Min			-5.3197	140-5	0.66667
140	3.53333	INV_SLV	Min			-19.7064	140-6	0.
140	3.86667	INV_SLV	Min			-35.1584	140-6	0.33333
140	4.2	INV_SLV	Min			-51.3146	140-6	0.66667
140	4.2	INV_SLV	Min			-102.9049	140-7	0.
140	4.65	INV_SLV	Min			-77.7972	140-7	0.45
140	5.1	INV_SLV	Min			-53.6006	140-7	0.9
140	5.55	INV_SLV	Min			-30.3155	140-7	1.35
140	6.	INV_SLV	Min			-7.9452	140-7	1.8
140	6.45	INV_SLV	Min			-3.935	140-7	2.25
140	6.9	INV_SLV	Min			-14.4447	140-7	2.7
140	7.35	INV_SLV	Min			-25.8683	140-7	3.15
140	7.8	INV_SLV	Min			-38.2032	140-7	3.6
141	0.	INV_SLU	Max			9.9695	141-1	0.
141	0.35	INV_SLU	Max			1.4691	141-1	0.35
141	0.7	INV_SLU	Max			-5.219	141-1	0.7
141	0.7	INV_SLU	Max			-4.1056	141-2	0.
141	1.05	INV_SLU	Max			-3.1192	141-2	0.35
141	1.4	INV_SLU	Max			-2.77	141-2	0.7
141	1.4	INV_SLU	Max			-1.6036	141-3	0.
141	1.75	INV_SLU	Max			-1.0649	141-3	0.35
141	2.1	INV_SLU	Max			-1.1198	141-3	0.7
141	2.1	INV_SLU	Max			-0.7458	141-4	0.
141	2.45	INV_SLU	Max			-0.2433	141-4	0.35
141	2.8	INV_SLU	Max			-0.4211	141-4	0.7
141	2.8	INV_SLU	Max			-0.7221	141-5	0.
141	3.15	INV_SLU	Max			-3.8392	141-5	0.35
141	3.5	INV_SLU	Max			-7.6241	141-5	0.7
141	3.5	INV_SLU	Max			-12.4197	141-6	0.
141	3.85	INV_SLU	Max			-22.0039	141-6	0.35
141	4.2	INV_SLU	Max			-32.3046	141-6	0.7
141	4.2	INV_SLU	Max			-39.768	141-7	0.
141	4.65	INV_SLU	Max			-27.9872	141-7	0.45
141	5.1	INV_SLU	Max			-17.3906	141-7	0.9
141	5.55	INV_SLU	Max			-7.9783	141-7	1.35
141	6.	INV_SLU	Max			0.2854	141-7	1.8

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
141	6.45	INV_SLU	Max			12.9052	141-7	2.25
141	6.9	INV_SLU	Max			24.5012	141-7	2.7
141	7.35	INV_SLU	Max			34.9129	141-7	3.15
141	7.8	INV_SLU	Max			44.1403	141-7	3.6
141	0.	INV_SLU	Min			6.6394	141-1	0.
141	0.35	INV_SLU	Min			1.0323	141-1	0.35
141	0.7	INV_SLU	Min			-7.791	141-1	0.7
141	0.7	INV_SLU	Min			-6.1579	141-2	0.
141	1.05	INV_SLU	Min			-4.7631	141-2	0.35
141	1.4	INV_SLU	Min			-4.1323	141-2	0.7
141	1.4	INV_SLU	Min			-2.4746	141-3	0.
141	1.75	INV_SLU	Min			-1.744	141-3	0.35
141	2.1	INV_SLU	Min			-1.8034	141-3	0.7
141	2.1	INV_SLU	Min			-1.1491	141-4	0.
141	2.45	INV_SLU	Min			-0.7217	141-4	0.35
141	2.8	INV_SLU	Min			-1.0323	141-4	0.7
141	2.8	INV_SLU	Min			-1.4488	141-5	0.
141	3.15	INV_SLU	Min			-6.7985	141-5	0.35
141	3.5	INV_SLU	Min			-12.8938	141-5	0.7
141	3.5	INV_SLU	Min			-20.8636	141-6	0.
141	3.85	INV_SLU	Min			-35.5604	141-6	0.35
141	4.2	INV_SLU	Min			-50.9737	141-6	0.7
141	4.2	INV_SLU	Min			-62.8389	141-7	0.
141	4.65	INV_SLU	Min			-45.3215	141-7	0.45
141	5.1	INV_SLU	Min			-28.9884	141-7	0.9
141	5.55	INV_SLU	Min			-13.8396	141-7	1.35
141	6.	INV_SLU	Min			-0.0178	141-7	1.8
141	6.45	INV_SLU	Min			7.2935	141-7	2.25
141	6.9	INV_SLU	Min			13.1529	141-7	2.7
141	7.35	INV_SLU	Min			17.8281	141-7	3.15
141	7.8	INV_SLU	Min			21.3191	141-7	3.6
141	0.	INV_SLV	Max			11.6403	141-1	0.
141	0.35	INV_SLV	Max			5.228	141-1	0.35
141	0.7	INV_SLV	Max			-1.7092	141-1	0.7
141	0.7	INV_SLV	Max			3.6604	141-2	0.
141	1.05	INV_SLV	Max			0.4565	141-2	0.35
141	1.4	INV_SLV	Max			-0.4993	141-2	0.7
141	1.4	INV_SLV	Max			3.3992	141-3	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
141	1.75	INV_SLV	Max			-0.494	141-3	0.35
141	2.1	INV_SLV	Max			3.4026	141-3	0.7
141	2.1	INV_SLV	Max			1.205	141-4	0.
141	2.45	INV_SLV	Max			2.2421	141-4	0.35
141	2.8	INV_SLV	Max			6.2425	141-4	0.7
141	2.8	INV_SLV	Max			0.4869	141-5	0.
141	3.15	INV_SLV	Max			-0.8049	141-5	0.35
141	3.5	INV_SLV	Max			-0.6376	141-5	0.7
141	3.5	INV_SLV	Max			6.9095	141-6	0.
141	3.85	INV_SLV	Max			18.9044	141-6	0.35
141	4.2	INV_SLV	Max			30.3509	141-6	0.7
141	4.2	INV_SLV	Max			38.0436	141-7	0.
141	4.65	INV_SLV	Max			31.2544	141-7	0.45
141	5.1	INV_SLV	Max			23.5543	141-7	0.9
141	5.55	INV_SLV	Max			14.9432	141-7	1.35
141	6.	INV_SLV	Max			5.4216	141-7	1.8
141	6.45	INV_SLV	Max			15.575	141-7	2.25
141	6.9	INV_SLV	Max			35.4995	141-7	2.7
141	7.35	INV_SLV	Max			54.5133	141-7	3.15
141	7.8	INV_SLV	Max			72.6161	141-7	3.6
141	0.	INV_SLV	Min			-2.467	141-1	0.
141	0.35	INV_SLV	Min			-3.6423	141-1	0.35
141	0.7	INV_SLV	Min			-5.3949	141-1	0.7
141	0.7	INV_SLV	Min			-9.3569	141-2	0.
141	1.05	INV_SLV	Min			-4.6606	141-2	0.35
141	1.4	INV_SLV	Min			-3.3146	141-2	0.7
141	1.4	INV_SLV	Min			-5.7703	141-3	0.
141	1.75	INV_SLV	Min			-0.9346	141-3	0.35
141	2.1	INV_SLV	Min			-4.9908	141-3	0.7
141	2.1	INV_SLV	Min			-2.3116	141-4	0.
141	2.45	INV_SLV	Min			-2.5749	141-4	0.35
141	2.8	INV_SLV	Min			-6.9037	141-4	0.7
141	2.8	INV_SLV	Min			-1.5582	141-5	0.
141	3.15	INV_SLV	Min			-4.7647	141-5	0.35
141	3.5	INV_SLV	Min			-10.5325	141-5	0.7
141	3.5	INV_SLV	Min			-25.4291	141-6	0.
141	3.85	INV_SLV	Min			-51.8369	141-6	0.35
141	4.2	INV_SLV	Min			-78.7983	141-6	0.7

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
141	4.2	INV_SLV	Min			-97.7141	141-7	0.
141	4.65	INV_SLV	Min			-73.2345	141-7	0.45
141	5.1	INV_SLV	Min			-49.6658	141-7	0.9
141	5.55	INV_SLV	Min			-27.0081	141-7	1.35
141	6.	INV_SLV	Min			-5.262	141-7	1.8
141	6.45	INV_SLV	Min			-5.0127	141-7	2.25
141	6.9	INV_SLV	Min			-16.3565	141-7	2.7
141	7.35	INV_SLV	Min			-28.6115	141-7	3.15
141	7.8	INV_SLV	Min			-41.7776	141-7	3.6
142	0.	INV_SLU	Max			-62.5748	142-1	0.
142	0.49231	INV_SLU	Max			-9.3667	142-1	0.49231
142	0.98462	INV_SLU	Max			51.597	142-1	0.98462
142	1.47692	INV_SLU	Max			100.1493	142-1	1.47692
142	1.96923	INV_SLU	Max			133.5311	142-1	1.96923
142	2.46154	INV_SLU	Max			151.7424	142-1	2.46154
142	2.95385	INV_SLU	Max			154.7832	142-1	2.95385
142	3.44615	INV_SLU	Max			142.6534	142-1	3.44615
142	3.93846	INV_SLU	Max			115.3531	142-1	3.93846
142	4.43077	INV_SLU	Max			72.8822	142-1	4.43077
142	4.92308	INV_SLU	Max			15.2408	142-1	4.92308
142	5.41538	INV_SLU	Max			-38.5261	142-1	5.41538
142	5.90769	INV_SLU	Max			-97.3621	142-1	5.90769
142	6.4	INV_SLU	Max			-166.4062	142-1	6.4
142	0.	INV_SLU	Min			-92.5119	142-1	0.
142	0.49231	INV_SLU	Min			-13.4717	142-1	0.49231
142	0.98462	INV_SLU	Min			31.6351	142-1	0.98462
142	1.47692	INV_SLU	Min			64.6717	142-1	1.47692
142	1.96923	INV_SLU	Min			87.5002	142-1	1.96923
142	2.46154	INV_SLU	Min			100.1207	142-1	2.46154
142	2.95385	INV_SLU	Min			102.5331	142-1	2.95385
142	3.44615	INV_SLU	Min			94.7374	142-1	3.44615
142	3.93846	INV_SLU	Min			76.7336	142-1	3.93846
142	4.43077	INV_SLU	Min			48.5218	142-1	4.43077
142	4.92308	INV_SLU	Min			10.1019	142-1	4.92308
142	5.41538	INV_SLU	Min			-57.5711	142-1	5.41538
142	5.90769	INV_SLU	Min			-145.5535	142-1	5.90769
142	6.4	INV_SLU	Min			-248.7065	142-1	6.4
142	0.	INV_SLV	Max			-26.9427	142-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
142	0.49231	INV_SLV	Max			7.165	142-1	0.49231
142	0.98462	INV_SLV	Max			34.322	142-1	0.98462
142	1.47692	INV_SLV	Max			54.5283	142-1	1.47692
142	1.96923	INV_SLV	Max			67.7838	142-1	1.96923
142	2.46154	INV_SLV	Max			74.0886	142-1	2.46154
142	2.95385	INV_SLV	Max			73.4428	142-1	2.95385
142	3.44615	INV_SLV	Max			65.8478	142-1	3.44615
142	3.93846	INV_SLV	Max			53.9374	142-1	3.93846
142	4.43077	INV_SLV	Max			36.6935	142-1	4.43077
142	4.92308	INV_SLV	Max			12.4996	142-1	4.92308
142	5.41538	INV_SLV	Max			-18.645	142-1	5.41538
142	5.90769	INV_SLV	Max			-56.7403	142-1	5.90769
142	6.4	INV_SLV	Max			-101.7863	142-1	6.4
142	0.	INV_SLV	Min			-58.3481	142-1	0.
142	0.49231	INV_SLV	Min			-19.985	142-1	0.49231
142	0.98462	INV_SLV	Min			11.4274	142-1	0.98462
142	1.47692	INV_SLV	Min			35.8889	142-1	1.47692
142	1.96923	INV_SLV	Min			53.3997	142-1	1.96923
142	2.46154	INV_SLV	Min			63.9597	142-1	2.46154
142	2.95385	INV_SLV	Min			67.5687	142-1	2.95385
142	3.44615	INV_SLV	Min			64.2254	142-1	3.44615
142	3.93846	INV_SLV	Min			51.296	142-1	3.93846
142	4.43077	INV_SLV	Min			29.7987	142-1	4.43077
142	4.92308	INV_SLV	Min			1.3498	142-1	4.92308
142	5.41538	INV_SLV	Min			-34.05	142-1	5.41538
142	5.90769	INV_SLV	Min			-76.4006	142-1	5.90769
142	6.4	INV_SLV	Min			-125.7019	142-1	6.4
143	0.	INV_SLU	Max			-157.434	143-1	0.
143	0.49231	INV_SLU	Max			-94.8092	143-1	0.49231
143	0.98462	INV_SLU	Max			-42.3924	143-1	0.98462
143	1.47692	INV_SLU	Max			-0.1837	143-1	1.47692
143	1.96923	INV_SLU	Max			46.5436	143-1	1.96923
143	2.46154	INV_SLU	Max			79.0756	143-1	2.46154
143	2.95385	INV_SLU	Max			96.437	143-1	2.95385
143	3.44615	INV_SLU	Max			98.6279	143-1	3.44615
143	3.93846	INV_SLU	Max			85.6482	143-1	3.93846
143	4.43077	INV_SLU	Max			57.498	143-1	4.43077
143	4.92308	INV_SLU	Max			14.1804	143-1	4.92308

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
143	5.41538	INV_SLU	Max			-29.9402	143-1	5.41538
143	5.90769	INV_SLU	Max			-79.5447	143-1	5.90769
143	6.4	INV_SLU	Max			-139.3572	143-1	6.4
143	0.	INV_SLU	Min			-235.6434	143-1	0.
143	0.49231	INV_SLU	Min			-142.3936	143-1	0.49231
143	0.98462	INV_SLU	Min			-64.3144	143-1	0.98462
143	1.47692	INV_SLU	Min			-1.4057	143-1	1.47692
143	1.96923	INV_SLU	Min			31.4651	143-1	1.96923
143	2.46154	INV_SLU	Min			53.3171	143-1	2.46154
143	2.95385	INV_SLU	Min			64.9611	143-1	2.95385
143	3.44615	INV_SLU	Min			66.397	143-1	3.44615
143	3.93846	INV_SLU	Min			57.6248	143-1	3.93846
143	4.43077	INV_SLU	Min			38.6445	143-1	4.43077
143	4.92308	INV_SLU	Min			9.4511	143-1	4.92308
143	5.41538	INV_SLU	Min			-44.314	143-1	5.41538
143	5.90769	INV_SLU	Min			-117.9757	143-1	5.90769
143	6.4	INV_SLU	Min			-206.8081	143-1	6.4
143	0.	INV_SLV	Max			-98.1964	143-1	0.
143	0.49231	INV_SLV	Max			-57.0177	143-1	0.49231
143	0.98462	INV_SLV	Max			-22.7894	143-1	0.98462
143	1.47692	INV_SLV	Max			4.4885	143-1	1.47692
143	1.96923	INV_SLV	Max			24.8169	143-1	1.96923
143	2.46154	INV_SLV	Max			38.1986	143-1	2.46154
143	2.95385	INV_SLV	Max			44.6922	143-1	2.95385
143	3.44615	INV_SLV	Max			46.3846	143-1	3.44615
143	3.93846	INV_SLV	Max			41.9228	143-1	3.93846
143	4.43077	INV_SLV	Max			30.5183	143-1	4.43077
143	4.92308	INV_SLV	Max			12.1649	143-1	4.92308
143	5.41538	INV_SLV	Max			-13.1387	143-1	5.41538
143	5.90769	INV_SLV	Max			-45.3926	143-1	5.90769
143	6.4	INV_SLV	Max			-84.5972	143-1	6.4
143	0.	INV_SLV	Min			-117.1089	143-1	0.
143	0.49231	INV_SLV	Min			-72.9044	143-1	0.49231
143	0.98462	INV_SLV	Min			-35.6509	143-1	0.98462
143	1.47692	INV_SLV	Min			-5.3487	143-1	1.47692
143	1.96923	INV_SLV	Min			18.0015	143-1	1.96923
143	2.46154	INV_SLV	Min			34.397	143-1	2.46154
143	2.95385	INV_SLV	Min			43.779	143-1	2.95385

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
143	3.44615	INV_SLV	Min			44.0607	143-1	3.44615
143	3.93846	INV_SLV	Min			36.5951	143-1	3.93846
143	4.43077	INV_SLV	Min			22.1707	143-1	4.43077
143	4.92308	INV_SLV	Min			0.7937	143-1	4.92308
143	5.41538	INV_SLV	Min			-27.5347	143-1	5.41538
143	5.90769	INV_SLV	Min			-62.8143	143-1	5.90769
143	6.4	INV_SLV	Min			-105.0448	143-1	6.4
144	0.	INV_SLU	Max			-141.7482	144-1	0.
144	0.49231	INV_SLU	Max			-80.6811	144-1	0.49231
144	0.98462	INV_SLU	Max			-29.8063	144-1	0.98462
144	1.47692	INV_SLU	Max			16.2133	144-1	1.47692
144	1.96923	INV_SLU	Max			61.4197	144-1	1.96923
144	2.46154	INV_SLU	Max			91.4557	144-1	2.46154
144	2.95385	INV_SLU	Max			106.3211	144-1	2.95385
144	3.44615	INV_SLU	Max			106.016	144-1	3.44615
144	3.93846	INV_SLU	Max			90.5404	144-1	3.93846
144	4.43077	INV_SLU	Max			59.8942	144-1	4.43077
144	4.92308	INV_SLU	Max			14.0775	144-1	4.92308
144	5.41538	INV_SLU	Max			-31.2965	144-1	5.41538
144	5.90769	INV_SLU	Max			-82.5024	144-1	5.90769
144	6.4	INV_SLU	Max			-143.9165	144-1	6.4
144	0.	INV_SLU	Min			-210.4294	144-1	0.
144	0.49231	INV_SLU	Min			-119.7134	144-1	0.49231
144	0.98462	INV_SLU	Min			-44.1773	144-1	0.98462
144	1.47692	INV_SLU	Min			10.8188	144-1	1.47692
144	1.96923	INV_SLU	Min			41.2583	144-1	1.96923
144	2.46154	INV_SLU	Min			61.4897	144-1	2.46154
144	2.95385	INV_SLU	Min			71.5131	144-1	2.95385
144	3.44615	INV_SLU	Min			71.3284	144-1	3.44615
144	3.93846	INV_SLU	Min			60.9356	144-1	3.93846
144	4.43077	INV_SLU	Min			40.3347	144-1	4.43077
144	4.92308	INV_SLU	Min			9.5258	144-1	4.92308
144	5.41538	INV_SLU	Min			-47.0266	144-1	5.41538
144	5.90769	INV_SLU	Min			-123.1959	144-1	5.90769
144	6.4	INV_SLU	Min			-214.5357	144-1	6.4
144	0.	INV_SLV	Max			-86.3096	144-1	0.
144	0.49231	INV_SLV	Max			-46.2578	144-1	0.49231
144	0.98462	INV_SLV	Max			-13.1489	144-1	0.98462

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
144	1.47692	INV_SLV	Max			13.0236	144-1	1.47692
144	1.96923	INV_SLV	Max			32.2753	144-1	1.96923
144	2.46154	INV_SLV	Max			44.6454	144-1	2.46154
144	2.95385	INV_SLV	Max			50.3509	144-1	2.95385
144	3.44615	INV_SLV	Max			50.6019	144-1	3.44615
144	3.93846	INV_SLV	Max			44.6645	144-1	3.93846
144	4.43077	INV_SLV	Max			31.9258	144-1	4.43077
144	4.92308	INV_SLV	Max			12.2841	144-1	4.92308
144	5.41538	INV_SLV	Max			-14.2857	144-1	5.41538
144	5.90769	INV_SLV	Max			-47.7475	144-1	5.90769
144	6.4	INV_SLV	Max			-88.0388	144-1	6.4
144	0.	INV_SLV	Min			-106.7302	144-1	0.
144	0.49231	INV_SLV	Min			-63.6166	144-1	0.49231
144	0.98462	INV_SLV	Min			-27.4615	144-1	0.98462
144	1.47692	INV_SLV	Min			1.7284	144-1	1.47692
144	1.96923	INV_SLV	Min			23.9375	144-1	1.96923
144	2.46154	INV_SLV	Min			39.1267	144-1	2.46154
144	2.95385	INV_SLV	Min			47.0791	144-1	2.95385
144	3.44615	INV_SLV	Min			46.5844	144-1	3.44615
144	3.93846	INV_SLV	Min			38.3767	144-1	3.93846
144	4.43077	INV_SLV	Min			23.0686	144-1	4.43077
144	4.92308	INV_SLV	Min			0.762	144-1	4.92308
144	5.41538	INV_SLV	Min			-28.5179	144-1	5.41538
144	5.90769	INV_SLV	Min			-64.8073	144-1	5.90769
144	6.4	INV_SLV	Min			-108.1688	144-1	6.4
145	0.	INV_SLU	Max			-144.6628	145-1	0.
145	0.49231	INV_SLU	Max			-82.3567	145-1	0.49231
145	0.98462	INV_SLU	Max			-30.2587	145-1	0.98462
145	1.47692	INV_SLU	Max			16.8035	145-1	1.47692
145	1.96923	INV_SLU	Max			64.0631	145-1	1.96923
145	2.46154	INV_SLU	Max			96.1521	145-1	2.46154
145	2.95385	INV_SLU	Max			113.0705	145-1	2.95385
145	3.44615	INV_SLU	Max			114.828	145-1	3.44615
145	3.93846	INV_SLU	Max			101.4297	145-1	3.93846
145	4.43077	INV_SLU	Max			72.861	145-1	4.43077
145	4.92308	INV_SLU	Max			29.1217	145-1	4.92308
145	5.41538	INV_SLU	Max			-20.5614	145-1	5.41538
145	5.90769	INV_SLU	Max			-70.5034	145-1	5.90769

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
145	6.4	INV_SLU	Max			-130.6536	145-1	6.4
145	0.	INV_SLU	Min			-216.1594	145-1	0.
145	0.49231	INV_SLU	Min			-123.3639	145-1	0.49231
145	0.98462	INV_SLU	Min			-45.7389	145-1	0.98462
145	1.47692	INV_SLU	Min			11.4845	145-1	1.47692
145	1.96923	INV_SLU	Min			43.207	145-1	1.96923
145	2.46154	INV_SLU	Min			64.7215	145-1	2.46154
145	2.95385	INV_SLU	Min			76.0279	145-1	2.95385
145	3.44615	INV_SLU	Min			77.1103	145-1	3.44615
145	3.93846	INV_SLU	Min			67.9599	145-1	3.93846
145	4.43077	INV_SLU	Min			48.6014	145-1	4.43077
145	4.92308	INV_SLU	Min			19.0348	145-1	4.92308
145	5.41538	INV_SLU	Min			-29.8953	145-1	5.41538
145	5.90769	INV_SLU	Min			-104.	145-1	5.90769
145	6.4	INV_SLU	Min			-193.2753	145-1	6.4
145	0.	INV_SLV	Max			-85.1195	145-1	0.
145	0.49231	INV_SLV	Max			-45.1343	145-1	0.49231
145	0.98462	INV_SLV	Max			-12.0986	145-1	0.98462
145	1.47692	INV_SLV	Max			13.989	145-1	1.47692
145	1.96923	INV_SLV	Max			33.2991	145-1	1.96923
145	2.46154	INV_SLV	Max			45.7532	145-1	2.46154
145	2.95385	INV_SLV	Max			53.1922	145-1	2.95385
145	3.44615	INV_SLV	Max			56.3639	145-1	3.44615
145	3.93846	INV_SLV	Max			52.6597	145-1	3.93846
145	4.43077	INV_SLV	Max			42.0142	145-1	4.43077
145	4.92308	INV_SLV	Max			24.421	145-1	4.92308
145	5.41538	INV_SLV	Max			-0.1217	145-1	5.41538
145	5.90769	INV_SLV	Max			-31.6144	145-1	5.90769
145	6.4	INV_SLV	Max			-70.0575	145-1	6.4
145	0.	INV_SLV	Min			-112.4895	145-1	0.
145	0.49231	INV_SLV	Min			-67.5245	145-1	0.49231
145	0.98462	INV_SLV	Min			-29.5115	145-1	0.98462
145	1.47692	INV_SLV	Min			1.548	145-1	1.47692
145	1.96923	INV_SLV	Min			25.4836	145-1	1.96923
145	2.46154	INV_SLV	Min			42.3737	145-1	2.46154
145	2.95385	INV_SLV	Min			50.3772	145-1	2.95385
145	3.44615	INV_SLV	Min			48.7466	145-1	3.44615
145	3.93846	INV_SLV	Min			40.0903	145-1	3.93846

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
145	4.43077	INV_SLV	Min			24.4739	145-1	4.43077
145	4.92308	INV_SLV	Min			1.9037	145-1	4.92308
145	5.41538	INV_SLV	Min			-27.6186	145-1	5.41538
145	5.90769	INV_SLV	Min			-64.0924	145-1	5.90769
145	6.4	INV_SLV	Min			-107.5174	145-1	6.4
146	0.	INV_SLU	Max			-88.7214	146-1	0.
146	0.45	INV_SLU	Max			-50.1605	146-1	0.45
146	0.9	INV_SLU	Max			-20.1285	146-1	0.9
146	1.35	INV_SLU	Max			1.7977	146-1	1.35
146	1.8	INV_SLU	Max			21.2343	146-1	1.8
146	2.25	INV_SLU	Max			27.9957	146-1	2.25
146	2.7	INV_SLU	Max			22.082	146-1	2.7
146	3.15	INV_SLU	Max			3.4932	146-1	3.15
146	3.6	INV_SLU	Max			-19.0445	146-1	3.6
146	3.6	INV_SLU	Max			-15.9388	146-2	0.
146	4.06667	INV_SLU	Max			-3.1655	146-2	0.46667
146	4.53333	INV_SLU	Max			0.6858	146-2	0.93333
146	5.	INV_SLU	Max			-5.1362	146-2	1.4
146	5.46667	INV_SLU	Max			-19.8802	146-2	1.86667
146	5.93333	INV_SLU	Max			-43.7861	146-2	2.33333
146	6.4	INV_SLU	Max			-76.8214	146-2	2.8
146	0.	INV_SLU	Min			-132.637	146-1	0.
146	0.45	INV_SLU	Min			-75.1758	146-1	0.45
146	0.9	INV_SLU	Min			-30.3897	146-1	0.9
146	1.35	INV_SLU	Min			1.247	146-1	1.35
146	1.8	INV_SLU	Min			14.2198	146-1	1.8
146	2.25	INV_SLU	Min			18.6635	146-1	2.25
146	2.7	INV_SLU	Min			14.5784	146-1	2.7
146	3.15	INV_SLU	Min			1.9643	146-1	3.15
146	3.6	INV_SLU	Min			-27.8514	146-1	3.6
146	3.6	INV_SLU	Min			-23.7462	146-2	0.
146	4.06667	INV_SLU	Min			-4.7595	146-2	0.46667
146	4.53333	INV_SLU	Min			0.2851	146-2	0.93333
146	5.	INV_SLU	Min			-7.6806	146-2	1.4
146	5.46667	INV_SLU	Min			-29.5882	146-2	1.86667
146	5.93333	INV_SLU	Min			-65.1336	146-2	2.33333
146	6.4	INV_SLU	Min			-114.3362	146-2	2.8
146	0.	INV_SLV	Max			-39.186	146-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
146	0.45	INV_SLV	Max			-16.3858	146-1	0.45
146	0.9	INV_SLV	Max			0.6111	146-1	0.9
146	1.35	INV_SLV	Max			11.8082	146-1	1.35
146	1.8	INV_SLV	Max			17.2146	146-1	1.8
146	2.25	INV_SLV	Max			16.8617	146-1	2.25
146	2.7	INV_SLV	Max			12.2777	146-1	2.7
146	3.15	INV_SLV	Max			5.669	146-1	3.15
146	3.6	INV_SLV	Max			-5.5837	146-1	3.6
146	3.6	INV_SLV	Max			7.3928	146-2	0.
146	4.06667	INV_SLV	Max			8.1306	146-2	0.46667
146	4.53333	INV_SLV	Max			3.1329	146-2	0.93333
146	5.	INV_SLV	Max			2.4766	146-2	1.4
146	5.46667	INV_SLV	Max			0.3876	146-2	1.86667
146	5.93333	INV_SLV	Max			-7.8149	146-2	2.33333
146	6.4	INV_SLV	Max			-22.2517	146-2	2.8
146	0.	INV_SLV	Min			-81.8553	146-1	0.
146	0.45	INV_SLV	Min			-52.1152	146-1	0.45
146	0.9	INV_SLV	Min			-28.1866	146-1	0.9
146	1.35	INV_SLV	Min			-10.0731	146-1	1.35
146	1.8	INV_SLV	Min			2.2163	146-1	1.8
146	2.25	INV_SLV	Min			8.6501	146-1	2.25
146	2.7	INV_SLV	Min			7.7001	146-1	2.7
146	3.15	INV_SLV	Min			-2.8399	146-1	3.15
146	3.6	INV_SLV	Min			-20.3509	146-1	3.6
146	3.6	INV_SLV	Min			-29.4361	146-2	0.
146	4.06667	INV_SLV	Min			-12.6637	146-2	0.46667
146	4.53333	INV_SLV	Min			-2.647	146-2	0.93333
146	5.	INV_SLV	Min			-9.4629	146-2	1.4
146	5.46667	INV_SLV	Min			-27.3372	146-2	1.86667
146	5.93333	INV_SLV	Min			-51.5891	146-2	2.33333
146	6.4	INV_SLV	Min			-82.0979	146-2	2.8
147	0.	INV_SLU	Max			-119.3496	147-1	0.
147	0.49231	INV_SLU	Max			-20.1193	147-1	0.49231
147	0.98462	INV_SLU	Max			91.4353	147-1	0.98462
147	1.47692	INV_SLU	Max			184.6952	147-1	1.47692
147	1.96923	INV_SLU	Max			249.0315	147-1	1.96923
147	2.46154	INV_SLU	Max			284.4442	147-1	2.46154
147	2.95385	INV_SLU	Max			290.9333	147-1	2.95385

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
147	3.44615	INV_SLU	Max			268.4986	147-1	3.44615
147	3.93846	INV_SLU	Max			217.1404	147-1	3.93846
147	4.43077	INV_SLU	Max			136.8585	147-1	4.43077
147	4.92308	INV_SLU	Max			27.653	147-1	4.92308
147	5.41538	INV_SLU	Max			-72.3895	147-1	5.41538
147	5.90769	INV_SLU	Max			-181.7065	147-1	5.90769
147	6.4	INV_SLU	Max			-310.0221	147-1	6.4
147	0.	INV_SLU	Min			-184.537	147-1	0.
147	0.49231	INV_SLU	Min			-33.1666	147-1	0.49231
147	0.98462	INV_SLU	Min			56.5206	147-1	0.98462
147	1.47692	INV_SLU	Min			118.1921	147-1	1.47692
147	1.96923	INV_SLU	Min			160.8649	147-1	1.96923
147	2.46154	INV_SLU	Min			184.539	147-1	2.46154
147	2.95385	INV_SLU	Min			189.2144	147-1	2.95385
147	3.44615	INV_SLU	Min			174.8911	147-1	3.44615
147	3.93846	INV_SLU	Min			141.569	147-1	3.93846
147	4.43077	INV_SLU	Min			89.2482	147-1	4.43077
147	4.92308	INV_SLU	Min			17.9287	147-1	4.92308
147	5.41538	INV_SLU	Min			-110.4762	147-1	5.41538
147	5.90769	INV_SLU	Min			-277.5291	147-1	5.90769
147	6.4	INV_SLU	Min			-473.5055	147-1	6.4
147	0.	INV_SLV	Max			-68.1968	147-1	0.
147	0.49231	INV_SLV	Max			-2.9458	147-1	0.49231
147	0.98462	INV_SLV	Max			49.4939	147-1	0.98462
147	1.47692	INV_SLV	Max			89.1225	147-1	1.47692
147	1.96923	INV_SLV	Max			115.9398	147-1	1.96923
147	2.46154	INV_SLV	Max			129.946	147-1	2.46154
147	2.95385	INV_SLV	Max			131.141	147-1	2.95385
147	3.44615	INV_SLV	Max			119.5251	147-1	3.44615
147	3.93846	INV_SLV	Max			97.1427	147-1	3.93846
147	4.43077	INV_SLV	Max			63.208	147-1	4.43077
147	4.92308	INV_SLV	Max			16.4622	147-1	4.92308
147	5.41538	INV_SLV	Max			-43.0947	147-1	5.41538
147	5.90769	INV_SLV	Max			-115.4629	147-1	5.90769
147	6.4	INV_SLV	Max			-200.6422	147-1	6.4
147	0.	INV_SLV	Min			-92.5841	147-1	0.
147	0.49231	INV_SLV	Min			-24.0291	147-1	0.49231
147	0.98462	INV_SLV	Min			31.7146	147-1	0.98462

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
147	1.47692	INV_SLV	Min			74.6472	147-1	1.47692
147	1.96923	INV_SLV	Min			104.7686	147-1	1.96923
147	2.46154	INV_SLV	Min			122.0788	147-1	2.46154
147	2.95385	INV_SLV	Min			126.5778	147-1	2.95385
147	3.44615	INV_SLV	Min			118.2654	147-1	3.44615
147	3.93846	INV_SLV	Min			95.0971	147-1	3.93846
147	4.43077	INV_SLV	Min			57.8586	147-1	4.43077
147	4.92308	INV_SLV	Min			7.8089	147-1	4.92308
147	5.41538	INV_SLV	Min			-55.0521	147-1	5.41538
147	5.90769	INV_SLV	Min			-130.7242	147-1	5.90769
147	6.4	INV_SLV	Min			-219.2076	147-1	6.4
148	0.	INV_SLU	Max			-292.4236	148-1	0.
148	0.49231	INV_SLU	Max			-175.9253	148-1	0.49231
148	0.98462	INV_SLU	Max			-78.4257	148-1	0.98462
148	1.47692	INV_SLU	Max			0.0751	148-1	1.47692
148	1.96923	INV_SLU	Max			90.2321	148-1	1.96923
148	2.46154	INV_SLU	Max			151.9841	148-1	2.46154
148	2.95385	INV_SLU	Max			184.8125	148-1	2.95385
148	3.44615	INV_SLU	Max			188.7173	148-1	3.44615
148	3.93846	INV_SLU	Max			163.6984	148-1	3.93846
148	4.43077	INV_SLU	Max			109.7559	148-1	4.43077
148	4.92308	INV_SLU	Max			26.9586	148-1	4.92308
148	5.41538	INV_SLU	Max			-55.6296	148-1	5.41538
148	5.90769	INV_SLU	Max			-147.9899	148-1	5.90769
148	6.4	INV_SLU	Max			-259.3488	148-1	6.4
148	0.	INV_SLU	Min			-446.7078	148-1	0.
148	0.49231	INV_SLU	Min			-269.1848	148-1	0.49231
148	0.98462	INV_SLU	Min			-120.5854	148-1	0.98462
148	1.47692	INV_SLU	Min			-0.9096	148-1	1.47692
148	1.96923	INV_SLU	Min			58.9279	148-1	1.96923
148	2.46154	INV_SLU	Min			99.5587	148-1	2.46154
148	2.95385	INV_SLU	Min			121.1908	148-1	2.95385
148	3.44615	INV_SLU	Min			123.8242	148-1	3.44615
148	3.93846	INV_SLU	Min			107.4588	148-1	3.93846
148	4.43077	INV_SLU	Min			72.0947	148-1	4.43077
148	4.92308	INV_SLU	Min			17.617	148-1	4.92308
148	5.41538	INV_SLU	Min			-84.9001	148-1	5.41538
148	5.90769	INV_SLU	Min			-225.6136	148-1	5.90769

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
148	6.4	INV_SLU	Min			-395.2507	148-1	6.4
148	0.	INV_SLV	Max			-190.6293	148-1	0.
148	0.49231	INV_SLV	Max			-113.1572	148-1	0.49231
148	0.98462	INV_SLV	Max			-48.4962	148-1	0.98462
148	1.47692	INV_SLV	Max			3.3535	148-1	1.47692
148	1.96923	INV_SLV	Max			42.3921	148-1	1.96923
148	2.46154	INV_SLV	Max			68.6195	148-1	2.46154
148	2.95385	INV_SLV	Max			82.0359	148-1	2.95385
148	3.44615	INV_SLV	Max			84.3375	148-1	3.44615
148	3.93846	INV_SLV	Max			74.4641	148-1	3.93846
148	4.43077	INV_SLV	Max			51.7797	148-1	4.43077
148	4.92308	INV_SLV	Max			16.284	148-1	4.92308
148	5.41538	INV_SLV	Max			-32.0228	148-1	5.41538
148	5.90769	INV_SLV	Max			-93.1409	148-1	5.90769
148	6.4	INV_SLV	Max			-167.0701	148-1	6.4
148	0.	INV_SLV	Min			-205.2631	148-1	0.
148	0.49231	INV_SLV	Min			-125.4581	148-1	0.49231
148	0.98462	INV_SLV	Min			-58.4642	148-1	0.98462
148	1.47692	INV_SLV	Min			-4.2815	148-1	1.47692
148	1.96923	INV_SLV	Min			37.09	148-1	1.96923
148	2.46154	INV_SLV	Min			65.6503	148-1	2.46154
148	2.95385	INV_SLV	Min			81.3992	148-1	2.95385
148	3.44615	INV_SLV	Min			82.6406	148-1	3.44615
148	3.93846	INV_SLV	Min			70.4344	148-1	3.93846
148	4.43077	INV_SLV	Min			45.4171	148-1	4.43077
148	4.92308	INV_SLV	Min			7.5885	148-1	4.92308
148	5.41538	INV_SLV	Min			-43.0513	148-1	5.41538
148	5.90769	INV_SLV	Min			-106.5022	148-1	5.90769
148	6.4	INV_SLV	Min			-182.7644	148-1	6.4
149	0.	INV_SLU	Max			-263.8294	149-1	0.
149	0.49231	INV_SLU	Max			-150.1589	149-1	0.49231
149	0.98462	INV_SLU	Max			-55.4827	149-1	0.98462
149	1.47692	INV_SLU	Max			30.7826	149-1	1.47692
149	1.96923	INV_SLU	Max			117.0661	149-1	1.96923
149	2.46154	INV_SLU	Max			174.4259	149-1	2.46154
149	2.95385	INV_SLU	Max			202.8621	149-1	2.95385
149	3.44615	INV_SLU	Max			202.3747	149-1	3.44615
149	3.93846	INV_SLU	Max			172.9636	149-1	3.93846

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
149	4.43077	INV_SLU	Max			114.6288	149-1	4.43077
149	4.92308	INV_SLU	Max			27.3705	149-1	4.92308
149	5.41538	INV_SLU	Max			-58.2692	149-1	5.41538
149	5.90769	INV_SLU	Max			-153.5724	149-1	5.90769
149	6.4	INV_SLU	Max			-267.8743	149-1	6.4
149	0.	INV_SLU	Min			-401.6096	149-1	0.
149	0.49231	INV_SLU	Min			-228.5552	149-1	0.49231
149	0.98462	INV_SLU	Min			-84.4271	149-1	0.98462
149	1.47692	INV_SLU	Min			20.1859	149-1	1.47692
149	1.96923	INV_SLU	Min			76.8603	149-1	1.96923
149	2.46154	INV_SLU	Min			114.5359	149-1	2.46154
149	2.95385	INV_SLU	Min			133.2128	149-1	2.95385
149	3.44615	INV_SLU	Min			132.891	149-1	3.44615
149	3.93846	INV_SLU	Min			113.5704	149-1	3.93846
149	4.43077	INV_SLU	Min			75.2512	149-1	4.43077
149	4.92308	INV_SLU	Min			17.9332	149-1	4.92308
149	5.41538	INV_SLU	Min			-88.8802	149-1	5.41538
149	5.90769	INV_SLU	Min			-233.9932	149-1	5.90769
149	6.4	INV_SLU	Min			-408.0298	149-1	6.4
149	0.	INV_SLV	Max			-169.8847	149-1	0.
149	0.49231	INV_SLV	Max			-94.4375	149-1	0.49231
149	0.98462	INV_SLV	Max			-31.8015	149-1	0.98462
149	1.47692	INV_SLV	Max			18.0234	149-1	1.47692
149	1.96923	INV_SLV	Max			55.0372	149-1	1.96923
149	2.46154	INV_SLV	Max			79.2401	149-1	2.46154
149	2.95385	INV_SLV	Max			90.6445	149-1	2.95385
149	3.44615	INV_SLV	Max			90.1221	149-1	3.44615
149	3.93846	INV_SLV	Max			78.3024	149-1	3.93846
149	4.43077	INV_SLV	Max			53.6757	149-1	4.43077
149	4.92308	INV_SLV	Max			16.2383	149-1	4.92308
149	5.41538	INV_SLV	Max			-34.0101	149-1	5.41538
149	5.90769	INV_SLV	Max			-97.0697	149-1	5.90769
149	6.4	INV_SLV	Max			-172.9405	149-1	6.4
149	0.	INV_SLV	Min			-185.8956	149-1	0.
149	0.49231	INV_SLV	Min			-108.032	149-1	0.49231
149	0.98462	INV_SLV	Min			-42.9797	149-1	0.98462
149	1.47692	INV_SLV	Min			9.2614	149-1	1.47692
149	1.96923	INV_SLV	Min			48.6912	149-1	1.96923

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
149	2.46154	INV_SLV	Min			75.3094	149-1	2.46154
149	2.95385	INV_SLV	Min			89.1039	149-1	2.95385
149	3.44615	INV_SLV	Min			89.2027	149-1	3.44615
149	3.93846	INV_SLV	Min			74.9765	149-1	3.93846
149	4.43077	INV_SLV	Min			47.9349	149-1	4.43077
149	4.92308	INV_SLV	Min			8.0816	149-1	4.92308
149	5.41538	INV_SLV	Min			-44.583	149-1	5.41538
149	5.90769	INV_SLV	Min			-110.0589	149-1	5.90769
149	6.4	INV_SLV	Min			-188.346	149-1	6.4
150	0.	INV_SLU	Max			-268.0374	150-1	0.
150	0.49231	INV_SLU	Max			-154.0073	150-1	0.49231
150	0.98462	INV_SLU	Max			-58.9759	150-1	0.98462
150	1.47692	INV_SLU	Max			25.7966	150-1	1.47692
150	1.96923	INV_SLU	Max			112.6651	150-1	1.96923
150	2.46154	INV_SLU	Max			170.61	150-1	2.46154
150	2.95385	INV_SLU	Max			199.6312	150-1	2.95385
150	3.44615	INV_SLU	Max			199.7343	150-1	3.44615
150	3.93846	INV_SLU	Max			170.9346	150-1	3.93846
150	4.43077	INV_SLU	Max			113.2113	150-1	4.43077
150	4.92308	INV_SLU	Max			26.5643	150-1	4.92308
150	5.41538	INV_SLU	Max			-58.451	150-1	5.41538
150	5.90769	INV_SLU	Max			-153.3629	150-1	5.90769
150	6.4	INV_SLU	Max			-267.2735	150-1	6.4
150	0.	INV_SLU	Min			-408.53	150-1	0.
150	0.49231	INV_SLU	Min			-234.8642	150-1	0.49231
150	0.98462	INV_SLU	Min			-90.122	150-1	0.98462
150	1.47692	INV_SLU	Min			16.89	150-1	1.47692
150	1.96923	INV_SLU	Min			73.9679	150-1	1.96923
150	2.46154	INV_SLU	Min			112.0471	150-1	2.46154
150	2.95385	INV_SLU	Min			131.1275	150-1	2.95385
150	3.44615	INV_SLU	Min			131.2001	150-1	3.44615
150	3.93846	INV_SLU	Min			112.2392	150-1	3.93846
150	4.43077	INV_SLU	Min			74.2795	150-1	4.43077
150	4.92308	INV_SLU	Min			17.3211	150-1	4.92308
150	5.41538	INV_SLU	Min			-89.1173	150-1	5.41538
150	5.90769	INV_SLU	Min			-233.6379	150-1	5.90769
150	6.4	INV_SLU	Min			-407.0822	150-1	6.4
150	0.	INV_SLV	Max			-172.396	150-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
150	0.49231	INV_SLV	Max			-96.8375	150-1	0.49231
150	0.98462	INV_SLV	Max			-34.0901	150-1	0.98462
150	1.47692	INV_SLV	Max			15.8462	150-1	1.47692
150	1.96923	INV_SLV	Max			52.9716	150-1	1.96923
150	2.46154	INV_SLV	Max			77.2865	150-1	2.46154
150	2.95385	INV_SLV	Max			88.8003	150-1	2.95385
150	3.44615	INV_SLV	Max			89.6089	150-1	3.44615
150	3.93846	INV_SLV	Max			78.1955	150-1	3.93846
150	4.43077	INV_SLV	Max			53.9727	150-1	4.43077
150	4.92308	INV_SLV	Max			16.939	150-1	4.92308
150	5.41538	INV_SLV	Max			-32.9057	150-1	5.41538
150	5.90769	INV_SLV	Max			-95.5616	150-1	5.90769
150	6.4	INV_SLV	Max			-171.0286	150-1	6.4
150	0.	INV_SLV	Min			-189.3237	150-1	0.
150	0.49231	INV_SLV	Min			-111.0623	150-1	0.49231
150	0.98462	INV_SLV	Min			-45.6121	150-1	0.98462
150	1.47692	INV_SLV	Min			7.0267	150-1	1.47692
150	1.96923	INV_SLV	Min			46.8542	150-1	1.96923
150	2.46154	INV_SLV	Min			73.8696	150-1	2.46154
150	2.95385	INV_SLV	Min			88.0639	150-1	2.95385
150	3.44615	INV_SLV	Min			87.3409	150-1	3.44615
150	3.93846	INV_SLV	Min			73.2175	150-1	3.93846
150	4.43077	INV_SLV	Min			46.2813	150-1	4.43077
150	4.92308	INV_SLV	Min			6.5334	150-1	4.92308
150	5.41538	INV_SLV	Min			-46.0258	150-1	5.41538
150	5.90769	INV_SLV	Min			-111.3962	150-1	5.90769
150	6.4	INV_SLV	Min			-189.5778	150-1	6.4
151	0.	INV_SLU	Max			-268.3112	151-1	0.
151	0.49231	INV_SLU	Max			-154.2443	151-1	0.49231
151	0.98462	INV_SLU	Max			-59.176	151-1	0.98462
151	1.47692	INV_SLU	Max			25.7116	151-1	1.47692
151	1.96923	INV_SLU	Max			112.6408	151-1	1.96923
151	2.46154	INV_SLU	Max			170.6464	151-1	2.46154
151	2.95385	INV_SLU	Max			199.7283	151-1	2.95385
151	3.44615	INV_SLU	Max			199.9071	151-1	3.44615
151	3.93846	INV_SLU	Max			171.1638	151-1	3.93846
151	4.43077	INV_SLU	Max			113.4969	151-1	4.43077
151	4.92308	INV_SLU	Max			26.9063	151-1	4.92308

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
151	5.41538	INV_SLU	Max			-58.3226	151-1	5.41538
151	5.90769	INV_SLU	Max			-153.2048	151-1	5.90769
151	6.4	INV_SLU	Max			-267.0856	151-1	6.4
151	0.	INV_SLU	Min			-408.752	151-1	0.
151	0.49231	INV_SLU	Min			-235.0297	151-1	0.49231
151	0.98462	INV_SLU	Min			-90.2312	151-1	0.98462
151	1.47692	INV_SLU	Min			16.7806	151-1	1.47692
151	1.96923	INV_SLU	Min			73.8882	151-1	1.96923
151	2.46154	INV_SLU	Min			111.9971	151-1	2.46154
151	2.95385	INV_SLU	Min			131.1073	151-1	2.95385
151	3.44615	INV_SLU	Min			131.1845	151-1	3.44615
151	3.93846	INV_SLU	Min			112.2605	151-1	3.93846
151	4.43077	INV_SLU	Min			74.3377	151-1	4.43077
151	4.92308	INV_SLU	Min			17.4162	151-1	4.92308
151	5.41538	INV_SLU	Min			-88.7167	151-1	5.41538
151	5.90769	INV_SLU	Min			-233.1766	151-1	5.90769
151	6.4	INV_SLU	Min			-406.5602	151-1	6.4
151	0.	INV_SLV	Max			-172.1962	151-1	0.
151	0.49231	INV_SLV	Max			-96.5955	151-1	0.49231
151	0.98462	INV_SLV	Max			-33.8058	151-1	0.98462
151	1.47692	INV_SLV	Max			16.1731	151-1	1.47692
151	1.96923	INV_SLV	Max			53.3419	151-1	1.96923
151	2.46154	INV_SLV	Max			77.7022	151-1	2.46154
151	2.95385	INV_SLV	Max			89.2648	151-1	2.95385
151	3.44615	INV_SLV	Max			89.0079	151-1	3.44615
151	3.93846	INV_SLV	Max			77.5667	151-1	3.93846
151	4.43077	INV_SLV	Max			53.3429	151-1	4.43077
151	4.92308	INV_SLV	Max			16.3119	151-1	4.92308
151	5.41538	INV_SLV	Max			-33.5289	151-1	5.41538
151	5.90769	INV_SLV	Max			-96.1803	151-1	5.90769
151	6.4	INV_SLV	Max			-171.6427	151-1	6.4
151	0.	INV_SLV	Min			-189.9209	151-1	0.
151	0.49231	INV_SLV	Min			-111.6489	151-1	0.49231
151	0.98462	INV_SLV	Min			-46.1884	151-1	0.98462
151	1.47692	INV_SLV	Min			6.4606	151-1	1.47692
151	1.96923	INV_SLV	Min			46.2973	151-1	1.96923
151	2.46154	INV_SLV	Min			73.3201	151-1	2.46154
151	2.95385	INV_SLV	Min			87.5182	151-1	2.95385

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
151	3.44615	INV_SLV	Min			87.9135	151-1	3.44615
151	3.93846	INV_SLV	Min			73.8707	151-1	3.93846
151	4.43077	INV_SLV	Min			46.9881	151-1	4.43077
151	4.92308	INV_SLV	Min			7.2902	151-1	4.92308
151	5.41538	INV_SLV	Min			-45.2201	151-1	5.41538
151	5.90769	INV_SLV	Min			-110.5422	151-1	5.90769
151	6.4	INV_SLV	Min			-188.6758	151-1	6.4
152	0.	INV_SLU	Max			-12.7451	152-1	0.
152	1.75	INV_SLU	Max			3.4287	152-1	1.75
152	3.5	INV_SLU	Max			30.0649	152-1	3.5
152	0.	INV_SLU	Min			-22.964	152-1	0.
152	1.75	INV_SLU	Min			-1.9357	152-1	1.75
152	3.5	INV_SLU	Min			26.8429	152-1	3.5
152	0.	INV_SLV	Max			7.6394	152-1	0.
152	1.75	INV_SLV	Max			5.9031	152-1	1.75
152	3.5	INV_SLV	Max			49.9101	152-1	3.5
152	0.	INV_SLV	Min			-38.8225	152-1	0.
152	1.75	INV_SLV	Min			-1.4986	152-1	1.75
152	3.5	INV_SLV	Min			-9.918	152-1	3.5
153	0.	INV_SLU	Max			-12.835	153-1	0.
153	1.75	INV_SLU	Max			3.6987	153-1	1.75
153	3.5	INV_SLU	Max			30.6051	153-1	3.5
153	0.	INV_SLU	Min			-23.2078	153-1	0.
153	1.75	INV_SLU	Min			-1.8824	153-1	1.75
153	3.5	INV_SLU	Min			27.4451	153-1	3.5
153	0.	INV_SLV	Max			12.8811	153-1	0.
153	1.75	INV_SLV	Max			7.7706	153-1	1.75
153	3.5	INV_SLV	Max			58.7377	153-1	3.5
153	0.	INV_SLV	Min			-44.3525	153-1	0.
153	1.75	INV_SLV	Min			-3.075	153-1	1.75
153	3.5	INV_SLV	Min			-17.8752	153-1	3.5
154	0.	INV_SLU	Max			-12.2069	154-1	0.
154	1.75	INV_SLU	Max			3.5794	154-1	1.75
154	3.5	INV_SLU	Max			29.6138	154-1	3.5
154	0.	INV_SLU	Min			-22.4549	154-1	0.
154	1.75	INV_SLU	Min			-2.0415	154-1	1.75
154	3.5	INV_SLU	Min			26.4989	154-1	3.5
154	0.	INV_SLV	Max			19.0713	154-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
154	1.75	INV_SLV	Max			9.4098	154-1	1.75
154	3.5	INV_SLV	Max			66.8852	154-1	3.5
154	0.	INV_SLV	Min			-49.7423	154-1	0.
154	1.75	INV_SLV	Min			-4.836	154-1	1.75
154	3.5	INV_SLV	Min			-27.0666	154-1	3.5
155	0.	INV_SLU	Max			-12.2484	155-1	0.
155	1.75	INV_SLU	Max			2.2683	155-1	1.75
155	3.5	INV_SLU	Max			21.4538	155-1	3.5
155	0.	INV_SLU	Min			-17.0851	155-1	0.
155	1.75	INV_SLU	Min			-0.7889	155-1	1.75
155	3.5	INV_SLU	Min			19.858	155-1	3.5
155	0.	INV_SLV	Max			31.0919	155-1	0.
155	1.75	INV_SLV	Max			10.506	155-1	1.75
155	3.5	INV_SLV	Max			76.2163	155-1	3.5
155	0.	INV_SLV	Min			-57.0343	155-1	0.
155	1.75	INV_SLV	Min			-7.142	155-1	1.75
155	3.5	INV_SLV	Min			-43.5458	155-1	3.5
156	0.	INV_SLU	Max			-0.7898	156-1	0.
156	1.75	INV_SLU	Max			0.3164	156-1	1.75
156	3.5	INV_SLU	Max			4.2098	156-1	3.5
156	0.	INV_SLU	Min			-3.577	156-1	0.
156	1.75	INV_SLU	Min			0.1214	156-1	1.75
156	3.5	INV_SLU	Min			1.0327	156-1	3.5
156	0.	INV_SLV	Max			42.969	156-1	0.
156	1.75	INV_SLV	Max			4.7283	156-1	1.75
156	3.5	INV_SLV	Max			55.7583	156-1	3.5
156	0.	INV_SLV	Min			-46.4918	156-1	0.
156	1.75	INV_SLV	Min			-4.4272	156-1	1.75
156	3.5	INV_SLV	Min			-51.6333	156-1	3.5
157	0.	INV_SLU	Max			0.3507	157-1	0.
157	1.75	INV_SLU	Max			0.096	157-1	1.75
157	3.5	INV_SLU	Max			2.7525	157-1	3.5
157	0.	INV_SLU	Min			-2.5605	157-1	0.
157	1.75	INV_SLU	Min			-0.1255	157-1	1.75
157	3.5	INV_SLU	Min			-0.6016	157-1	3.5
157	0.	INV_SLV	Max			54.1181	157-1	0.
157	1.75	INV_SLV	Max			6.0035	157-1	1.75
157	3.5	INV_SLV	Max			68.0403	157-1	3.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
157	0.	INV_SLV	Min			-56.3869	157-1	0.
157	1.75	INV_SLV	Min			-5.9674	157-1	1.75
157	3.5	INV_SLV	Min			-65.6994	157-1	3.5
158	0.	INV_SLU	Max			1.2038	158-1	0.
158	1.75	INV_SLU	Max			0.0697	158-1	1.75
158	3.5	INV_SLU	Max			2.0598	158-1	3.5
158	0.	INV_SLU	Min			-1.9225	158-1	0.
158	1.75	INV_SLU	Min			-0.2563	158-1	1.75
158	3.5	INV_SLU	Min			-1.7164	158-1	3.5
158	0.	INV_SLV	Max			66.0641	158-1	0.
158	1.75	INV_SLV	Max			7.5929	158-1	1.75
158	3.5	INV_SLV	Max			82.124	158-1	3.5
158	0.	INV_SLV	Min			-67.4954	158-1	0.
158	1.75	INV_SLV	Min			-7.6241	158-1	1.75
158	3.5	INV_SLV	Min			-80.7551	158-1	3.5
159	0.	INV_SLU	Max			0.9026	159-1	0.
159	0.7	INV_SLU	Max			1.5276	159-1	0.7
159	0.7	INV_SLU	Max			-0.3594	159-2	0.
159	1.4	INV_SLU	Max			0.4108	159-2	0.7
159	1.4	INV_SLU	Max			-0.3724	159-3	0.
159	1.75	INV_SLU	Max			0.3043	159-3	0.35
159	2.1	INV_SLU	Max			0.981	159-3	0.7
159	2.1	INV_SLU	Max			0.5824	159-4	0.
159	2.8	INV_SLU	Max			1.9514	159-4	0.7
159	2.8	INV_SLU	Max			1.9253	159-5	0.
159	3.5	INV_SLU	Max			3.3167	159-5	0.7
159	0.	INV_SLU	Min			-2.2542	159-1	0.
159	0.7	INV_SLU	Min			-0.9013	159-1	0.7
159	0.7	INV_SLU	Min			-1.2601	159-2	0.
159	1.4	INV_SLU	Min			0.026	159-2	0.7
159	1.4	INV_SLU	Min			-1.1026	159-3	0.
159	1.75	INV_SLU	Min			-0.7636	159-3	0.35
159	2.1	INV_SLU	Min			-0.4245	159-3	0.7
159	2.1	INV_SLU	Min			-1.7741	159-4	0.
159	2.8	INV_SLU	Min			-1.086	159-4	0.7
159	2.8	INV_SLU	Min			-2.6808	159-5	0.
159	3.5	INV_SLU	Min			-2.0059	159-5	0.7
159	0.	INV_SLV	Max			52.0925	159-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
159	0.7	INV_SLV	Max			41.2754	159-1	0.7
159	0.7	INV_SLV	Max			19.6436	159-2	0.
159	1.4	INV_SLV	Max			9.9501	159-2	0.7
159	1.4	INV_SLV	Max			6.4648	159-3	0.
159	1.75	INV_SLV	Max			10.9284	159-3	0.35
159	2.1	INV_SLV	Max			15.8686	159-3	0.7
159	2.1	INV_SLV	Max			28.984	159-4	0.
159	2.8	INV_SLV	Max			38.9326	159-4	0.7
159	2.8	INV_SLV	Max			60.2348	159-5	0.
159	3.5	INV_SLV	Max			70.1196	159-5	0.7
159	0.	INV_SLV	Min			-52.1238	159-1	0.
159	0.7	INV_SLV	Min			-40.075	159-1	0.7
159	0.7	INV_SLV	Min			-20.1553	159-2	0.
159	1.4	INV_SLV	Min			-9.2105	159-2	0.7
159	1.4	INV_SLV	Min			-7.2436	159-3	0.
159	1.75	INV_SLV	Min			-11.0777	159-3	0.35
159	2.1	INV_SLV	Min			-15.3883	159-3	0.7
159	2.1	INV_SLV	Min			-29.9802	159-4	0.
159	2.8	INV_SLV	Min			-38.658	159-4	0.7
159	2.8	INV_SLV	Min			-61.49	159-5	0.
159	3.5	INV_SLV	Min			-70.1077	159-5	0.7
160	0.	INV_SLU	Max			-7.4382	160-1	0.
160	0.7	INV_SLU	Max			-7.202	160-1	0.7
160	0.7	INV_SLU	Max			-3.0241	160-2	0.
160	1.4	INV_SLU	Max			-2.291	160-2	0.7
160	1.4	INV_SLU	Max			-1.038	160-3	0.
160	1.75	INV_SLU	Max			-0.6331	160-3	0.35
160	2.1	INV_SLU	Max			-0.2219	160-3	0.7
160	2.1	INV_SLU	Max			0.9877	160-4	0.
160	2.8	INV_SLU	Max			1.8379	160-4	0.7
160	2.8	INV_SLU	Max			5.1255	160-5	0.
160	3.5	INV_SLU	Max			6.2061	160-5	0.7
160	0.	INV_SLU	Min			-9.0944	160-1	0.
160	0.7	INV_SLU	Min			-8.0407	160-1	0.7
160	0.7	INV_SLU	Min			-3.219	160-2	0.
160	1.4	INV_SLU	Min			-2.5842	160-2	0.7
160	1.4	INV_SLU	Min			-1.4016	160-3	0.
160	1.75	INV_SLU	Min			-1.2478	160-3	0.35

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
160	2.1	INV_SLU	Min			-0.7266	160-3	0.7
160	2.1	INV_SLU	Min			0.3332	160-4	0.
160	2.8	INV_SLU	Min			1.303	160-4	0.7
160	2.8	INV_SLU	Min			4.2352	160-5	0.
160	3.5	INV_SLU	Min			5.4967	160-5	0.7
160	0.	INV_SLV	Max			4.8113	160-1	0.
160	0.7	INV_SLV	Max			2.9639	160-1	0.7
160	0.7	INV_SLV	Max			0.9547	160-2	0.
160	1.4	INV_SLV	Max			-0.4982	160-2	0.7
160	1.4	INV_SLV	Max			0.0707	160-3	0.
160	1.75	INV_SLV	Max			1.0589	160-3	0.35
160	2.1	INV_SLV	Max			2.2206	160-3	0.7
160	2.1	INV_SLV	Max			4.2228	160-4	0.
160	2.8	INV_SLV	Max			6.5624	160-4	0.7
160	2.8	INV_SLV	Max			14.2993	160-5	0.
160	3.5	INV_SLV	Max			16.7863	160-5	0.7
160	0.	INV_SLV	Min			-16.8989	160-1	0.
160	0.7	INV_SLV	Min			-13.7015	160-1	0.7
160	0.7	INV_SLV	Min			-5.2354	160-2	0.
160	1.4	INV_SLV	Min			-2.6843	160-2	0.7
160	1.4	INV_SLV	Min			-1.4688	160-3	0.
160	1.75	INV_SLV	Min			-1.9355	160-3	0.35
160	2.1	INV_SLV	Min			-2.5758	160-3	0.7
160	2.1	INV_SLV	Min			-2.9313	160-4	0.
160	2.8	INV_SLV	Min			-4.1915	160-4	0.7
160	2.8	INV_SLV	Min			-7.5534	160-5	0.
160	3.5	INV_SLV	Min			-8.7992	160-5	0.7
161	0.	INV_SLU	Max			-27.8673	161-1	0.
161	0.4875	INV_SLU	Max			-17.3785	161-1	0.4875
161	0.975	INV_SLU	Max			-8.2797	161-1	0.975
161	1.4625	INV_SLU	Max			-0.5707	161-1	1.4625
161	1.95	INV_SLU	Max			5.7484	161-1	1.95
161	2.4375	INV_SLU	Max			10.6776	161-1	2.4375
161	2.925	INV_SLU	Max			14.2169	161-1	2.925
161	3.4125	INV_SLU	Max			16.3664	161-1	3.4125
161	3.9	INV_SLU	Max			17.3487	161-1	3.9
161	4.3875	INV_SLU	Max			17.1406	161-1	4.3875
161	4.875	INV_SLU	Max			15.5426	161-1	4.875

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
161	5.3625	INV_SLU	Max			12.5547	161-1	5.3625
161	5.85	INV_SLU	Max			8.177	161-1	5.85
161	6.3375	INV_SLU	Max			2.4094	161-1	6.3375
161	6.825	INV_SLU	Max			-4.7481	161-1	6.825
161	7.3125	INV_SLU	Max			-13.2955	161-1	7.3125
161	7.8	INV_SLU	Max			-23.2328	161-1	7.8
161	0.	INV_SLU	Min			-31.1338	161-1	0.
161	0.4875	INV_SLU	Min			-20.2484	161-1	0.4875
161	0.975	INV_SLU	Min			-10.7529	161-1	0.975
161	1.4625	INV_SLU	Min			-2.6473	161-1	1.4625
161	1.95	INV_SLU	Min			4.0684	161-1	1.95
161	2.4375	INV_SLU	Min			9.3943	161-1	2.4375
161	2.925	INV_SLU	Min			13.3303	161-1	2.925
161	3.4125	INV_SLU	Min			15.8764	161-1	3.4125
161	3.9	INV_SLU	Min			16.5991	161-1	3.9
161	4.3875	INV_SLU	Min			15.9262	161-1	4.3875
161	4.875	INV_SLU	Min			13.8635	161-1	4.875
161	5.3625	INV_SLU	Min			10.4108	161-1	5.3625
161	5.85	INV_SLU	Min			5.5683	161-1	5.85
161	6.3375	INV_SLU	Min			-0.6641	161-1	6.3375
161	6.825	INV_SLU	Min			-8.2863	161-1	6.825
161	7.3125	INV_SLU	Min			-17.2985	161-1	7.3125
161	7.8	INV_SLU	Min			-27.7005	161-1	7.8
161	0.	INV_SLV	Max			9.8611	161-1	0.
161	0.4875	INV_SLV	Max			14.2752	161-1	0.4875
161	0.975	INV_SLV	Max			17.6201	161-1	0.975
161	1.4625	INV_SLV	Max			19.8958	161-1	1.4625
161	1.95	INV_SLV	Max			21.1024	161-1	1.95
161	2.4375	INV_SLV	Max			21.2399	161-1	2.4375
161	2.925	INV_SLV	Max			20.3083	161-1	2.925
161	3.4125	INV_SLV	Max			18.3076	161-1	3.4125
161	3.9	INV_SLV	Max			15.2383	161-1	3.9
161	4.3875	INV_SLV	Max			14.0621	161-1	4.3875
161	4.875	INV_SLV	Max			15.9844	161-1	4.875
161	5.3625	INV_SLV	Max			16.8384	161-1	5.3625
161	5.85	INV_SLV	Max			16.6234	161-1	5.85
161	6.3375	INV_SLV	Max			15.3392	161-1	6.3375
161	6.825	INV_SLV	Max			12.986	161-1	6.825

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
161	7.3125	INV_SLV	Max			9.5636	161-1	7.3125
161	7.8	INV_SLV	Max			5.0721	161-1	7.8
161	0.	INV_SLV	Min			-51.3606	161-1	0.
161	0.4875	INV_SLV	Min			-39.8151	161-1	0.4875
161	0.975	INV_SLV	Min			-29.3387	161-1	0.975
161	1.4625	INV_SLV	Min			-19.9314	161-1	1.4625
161	1.95	INV_SLV	Min			-11.5932	161-1	1.95
161	2.4375	INV_SLV	Min			-4.3243	161-1	2.4375
161	2.925	INV_SLV	Min			1.8755	161-1	2.925
161	3.4125	INV_SLV	Min			7.0061	161-1	3.4125
161	3.9	INV_SLV	Min			11.0671	161-1	3.9
161	4.3875	INV_SLV	Min			11.0967	161-1	4.3875
161	4.875	INV_SLV	Min			5.8896	161-1	4.875
161	5.3625	INV_SLV	Min			-0.3876	161-1	5.3625
161	5.85	INV_SLV	Min			-7.7341	161-1	5.85
161	6.3375	INV_SLV	Min			-16.1497	161-1	6.3375
161	6.825	INV_SLV	Min			-25.6344	161-1	6.825
161	7.3125	INV_SLV	Min			-36.1883	161-1	7.3125
161	7.8	INV_SLV	Min			-47.8113	161-1	7.8
162	0.	INV_SLU	Max			-27.488	162-1	0.
162	0.4875	INV_SLU	Max			-17.0769	162-1	0.4875
162	0.975	INV_SLU	Max			-7.9923	162-1	0.975
162	1.4625	INV_SLU	Max			-0.2975	162-1	1.4625
162	1.95	INV_SLU	Max			6.0075	162-1	1.95
162	2.4375	INV_SLU	Max			10.9225	162-1	2.4375
162	2.925	INV_SLU	Max			14.4477	162-1	2.925
162	3.4125	INV_SLU	Max			16.5829	162-1	3.4125
162	3.9	INV_SLU	Max			17.6007	162-1	3.9
162	4.3875	INV_SLU	Max			17.3807	162-1	4.3875
162	4.875	INV_SLU	Max			15.7708	162-1	4.875
162	5.3625	INV_SLU	Max			12.771	162-1	5.3625
162	5.85	INV_SLU	Max			8.3814	162-1	5.85
162	6.3375	INV_SLU	Max			2.6019	162-1	6.3375
162	6.825	INV_SLU	Max			-4.5676	162-1	6.825
162	7.3125	INV_SLU	Max			-13.1268	162-1	7.3125
162	7.8	INV_SLU	Max			-23.076	162-1	7.8
162	0.	INV_SLU	Min			-30.6748	162-1	0.
162	0.4875	INV_SLU	Min			-19.7828	162-1	0.4875

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
162	0.975	INV_SLU	Min			-10.3187	162-1	0.975
162	1.4625	INV_SLU	Min			-2.2446	162-1	1.4625
162	1.95	INV_SLU	Min			4.4397	162-1	1.95
162	2.4375	INV_SLU	Min			9.7341	162-1	2.4375
162	2.925	INV_SLU	Min			13.6387	162-1	2.925
162	3.4125	INV_SLU	Min			16.1203	162-1	3.4125
162	3.9	INV_SLU	Min			16.7906	162-1	3.9
162	4.3875	INV_SLU	Min			16.0709	162-1	4.3875
162	4.875	INV_SLU	Min			13.9614	162-1	4.875
162	5.3625	INV_SLU	Min			10.4621	162-1	5.3625
162	5.85	INV_SLU	Min			5.5728	162-1	5.85
162	6.3375	INV_SLU	Min			-0.7064	162-1	6.3375
162	6.825	INV_SLU	Min			-8.3754	162-1	6.825
162	7.3125	INV_SLU	Min			-17.4343	162-1	7.3125
162	7.8	INV_SLU	Min			-27.8831	162-1	7.8
162	0.	INV_SLV	Max			17.8594	162-1	0.
162	0.4875	INV_SLV	Max			21.3365	162-1	0.4875
162	0.975	INV_SLV	Max			23.7444	162-1	0.975
162	1.4625	INV_SLV	Max			25.0832	162-1	1.4625
162	1.95	INV_SLV	Max			25.3529	162-1	1.95
162	2.4375	INV_SLV	Max			24.5535	162-1	2.4375
162	2.925	INV_SLV	Max			22.685	162-1	2.925
162	3.4125	INV_SLV	Max			19.7474	162-1	3.4125
162	3.9	INV_SLV	Max			15.7414	162-1	3.9
162	4.3875	INV_SLV	Max			14.7581	162-1	4.3875
162	4.875	INV_SLV	Max			17.5838	162-1	4.875
162	5.3625	INV_SLV	Max			19.3413	162-1	5.3625
162	5.85	INV_SLV	Max			20.0298	162-1	5.85
162	6.3375	INV_SLV	Max			19.6492	162-1	6.3375
162	6.825	INV_SLV	Max			18.1995	162-1	6.825
162	7.3125	INV_SLV	Max			15.6806	162-1	7.3125
162	7.8	INV_SLV	Max			12.0926	162-1	7.8
162	0.	INV_SLV	Min			-58.7967	162-1	0.
162	0.4875	INV_SLV	Min			-46.3476	162-1	0.4875
162	0.975	INV_SLV	Min			-34.9677	162-1	0.975
162	1.4625	INV_SLV	Min			-24.6568	162-1	1.4625
162	1.95	INV_SLV	Min			-15.4152	162-1	1.95
162	2.4375	INV_SLV	Min			-7.2427	162-1	2.4375

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
162	2.925	INV_SLV	Min			-0.1394	162-1	2.925
162	3.4125	INV_SLV	Min			5.8947	162-1	3.4125
162	3.9	INV_SLV	Min			10.859	162-1	3.9
162	4.3875	INV_SLV	Min			10.6623	162-1	4.3875
162	4.875	INV_SLV	Min			4.5184	162-1	4.875
162	5.3625	INV_SLV	Min			-2.6957	162-1	5.3625
162	5.85	INV_SLV	Min			-10.9791	162-1	5.85
162	6.3375	INV_SLV	Min			-20.3316	162-1	6.3375
162	6.825	INV_SLV	Min			-30.7533	162-1	6.825
162	7.3125	INV_SLV	Min			-42.2441	162-1	7.3125
162	7.8	INV_SLV	Min			-54.8041	162-1	7.8
163	0.	INV_SLU	Max			-26.5793	163-1	0.
163	0.4875	INV_SLU	Max			-16.2923	163-1	0.4875
163	0.975	INV_SLU	Max			-7.3951	163-1	0.975
163	1.4625	INV_SLU	Max			0.1121	163-1	1.4625
163	1.95	INV_SLU	Max			6.2945	163-1	1.95
163	2.4375	INV_SLU	Max			11.1333	163-1	2.4375
163	2.925	INV_SLU	Max			14.5822	163-1	2.925
163	3.4125	INV_SLU	Max			16.6412	163-1	3.4125
163	3.9	INV_SLU	Max			17.5633	163-1	3.9
163	4.3875	INV_SLU	Max			17.2393	163-1	4.3875
163	4.875	INV_SLU	Max			15.5255	163-1	4.875
163	5.3625	INV_SLU	Max			12.4217	163-1	5.3625
163	5.85	INV_SLU	Max			7.9281	163-1	5.85
163	6.3375	INV_SLU	Max			2.0445	163-1	6.3375
163	6.825	INV_SLU	Max			-5.2289	163-1	6.825
163	7.3125	INV_SLU	Max			-13.8921	163-1	7.3125
163	7.8	INV_SLU	Max			-23.9453	163-1	7.8
163	0.	INV_SLU	Min			-29.8803	163-1	0.
163	0.4875	INV_SLU	Min			-19.0852	163-1	0.4875
163	0.975	INV_SLU	Min			-9.6801	163-1	0.975
163	1.4625	INV_SLU	Min			-1.6648	163-1	1.4625
163	1.95	INV_SLU	Min			4.9216	163-1	1.95
163	2.4375	INV_SLU	Min			10.0903	163-1	2.4375
163	2.925	INV_SLU	Min			13.8692	163-1	2.925
163	3.4125	INV_SLU	Min			16.2423	163-1	3.4125
163	3.9	INV_SLU	Min			16.8002	163-1	3.9
163	4.3875	INV_SLU	Min			15.9682	163-1	4.3875

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
163	4.875	INV_SLU	Min			13.7463	163-1	4.875
163	5.3625	INV_SLU	Min			10.1345	163-1	5.3625
163	5.85	INV_SLU	Min			5.1329	163-1	5.85
163	6.3375	INV_SLU	Min			-1.2587	163-1	6.3375
163	6.825	INV_SLU	Min			-9.0401	163-1	6.825
163	7.3125	INV_SLU	Min			-18.2113	163-1	7.3125
163	7.8	INV_SLU	Min			-28.7725	163-1	7.8
163	0.	INV_SLV	Max			26.8702	163-1	0.
163	0.4875	INV_SLV	Max			29.2801	163-1	0.4875
163	0.975	INV_SLV	Max			30.6209	163-1	0.975
163	1.4625	INV_SLV	Max			30.8925	163-1	1.4625
163	1.95	INV_SLV	Max			30.095	163-1	1.95
163	2.4375	INV_SLV	Max			28.2284	163-1	2.4375
163	2.925	INV_SLV	Max			25.2927	163-1	2.925
163	3.4125	INV_SLV	Max			21.288	163-1	3.4125
163	3.9	INV_SLV	Max			16.2149	163-1	3.9
163	4.3875	INV_SLV	Max			15.2253	163-1	4.3875
163	4.875	INV_SLV	Max			19.0049	163-1	4.875
163	5.3625	INV_SLV	Max			21.7164	163-1	5.3625
163	5.85	INV_SLV	Max			23.3589	163-1	5.85
163	6.3375	INV_SLV	Max			23.9323	163-1	6.3375
163	6.825	INV_SLV	Max			23.4366	163-1	6.825
163	7.3125	INV_SLV	Max			21.8718	163-1	7.3125
163	7.8	INV_SLV	Max			19.2378	163-1	7.8
163	0.	INV_SLV	Min			-66.9158	163-1	0.
163	0.4875	INV_SLV	Min			-53.5127	163-1	0.4875
163	0.975	INV_SLV	Min			-41.1787	163-1	0.975
163	1.4625	INV_SLV	Min			-29.9139	163-1	1.4625
163	1.95	INV_SLV	Min			-19.7182	163-1	1.95
163	2.4375	INV_SLV	Min			-10.5917	163-1	2.4375
163	2.925	INV_SLV	Min			-2.5344	163-1	2.925
163	3.4125	INV_SLV	Min			4.4537	163-1	3.4125
163	3.9	INV_SLV	Min			10.3718	163-1	3.9
163	4.3875	INV_SLV	Min			10.0683	163-1	4.3875
163	4.875	INV_SLV	Min			2.8572	163-1	4.875
163	5.3625	INV_SLV	Min			-5.424	163-1	5.3625
163	5.85	INV_SLV	Min			-14.7745	163-1	5.85
163	6.3375	INV_SLV	Min			-25.1942	163-1	6.3375

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
163	6.825	INV_SLV	Min			-36.6831	163-1	6.825
163	7.3125	INV_SLV	Min			-49.2411	163-1	7.3125
163	7.8	INV_SLV	Min			-62.8682	163-1	7.8
164	0.	INV_SLU	Max			-19.8019	164-1	0.
164	0.4875	INV_SLU	Max			-10.3893	164-1	0.4875
164	0.975	INV_SLU	Max			-2.3667	164-1	0.975
164	1.4625	INV_SLU	Max			4.2661	164-1	1.4625
164	1.95	INV_SLU	Max			9.509	164-1	1.95
164	2.4375	INV_SLU	Max			13.362	164-1	2.4375
164	2.925	INV_SLU	Max			15.8252	164-1	2.925
164	3.4125	INV_SLU	Max			16.8999	164-1	3.4125
164	3.9	INV_SLU	Max			16.793	164-1	3.9
164	4.3875	INV_SLU	Max			15.2963	164-1	4.3875
164	4.875	INV_SLU	Max			12.4096	164-1	4.875
164	5.3625	INV_SLU	Max			8.1331	164-1	5.3625
164	5.85	INV_SLU	Max			2.4667	164-1	5.85
164	6.3375	INV_SLU	Max			-4.5896	164-1	6.3375
164	6.825	INV_SLU	Max			-13.0357	164-1	6.825
164	7.3125	INV_SLU	Max			-22.8718	164-1	7.3125
164	7.8	INV_SLU	Max			-34.0977	164-1	7.8
164	0.	INV_SLU	Min			-21.2685	164-1	0.
164	0.4875	INV_SLU	Min			-11.6463	164-1	0.4875
164	0.975	INV_SLU	Min			-3.4139	164-1	0.975
164	1.4625	INV_SLU	Min			3.3979	164-1	1.4625
164	1.95	INV_SLU	Min			8.8124	164-1	1.95
164	2.4375	INV_SLU	Min			12.837	164-1	2.4375
164	2.925	INV_SLU	Min			15.4718	164-1	2.925
164	3.4125	INV_SLU	Min			16.7158	164-1	3.4125
164	3.9	INV_SLU	Min			16.445	164-1	3.9
164	4.3875	INV_SLU	Min			14.7843	164-1	4.3875
164	4.875	INV_SLU	Min			11.7337	164-1	4.875
164	5.3625	INV_SLU	Min			7.2927	164-1	5.3625
164	5.85	INV_SLU	Min			1.4166	164-1	5.85
164	6.3375	INV_SLU	Min			-5.8494	164-1	6.3375
164	6.825	INV_SLU	Min			-14.5053	164-1	6.825
164	7.3125	INV_SLU	Min			-24.5511	164-1	7.3125
164	7.8	INV_SLU	Min			-35.9867	164-1	7.8
164	0.	INV_SLV	Max			43.1553	164-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
164	0.4875	INV_SLV	Max			43.2716	164-1	0.4875
164	0.975	INV_SLV	Max			42.3195	164-1	0.975
164	1.4625	INV_SLV	Max			40.2991	164-1	1.4625
164	1.95	INV_SLV	Max			37.2114	164-1	1.95
164	2.4375	INV_SLV	Max			33.058	164-1	2.4375
164	2.925	INV_SLV	Max			27.844	164-1	2.925
164	3.4125	INV_SLV	Max			21.5937	164-1	3.4125
164	3.9	INV_SLV	Max			14.6538	164-1	3.9
164	4.3875	INV_SLV	Max			18.0829	164-1	4.3875
164	4.875	INV_SLV	Max			23.0834	164-1	4.875
164	5.3625	INV_SLV	Max			27.0487	164-1	5.3625
164	5.85	INV_SLV	Max			29.9534	164-1	5.85
164	6.3375	INV_SLV	Max			31.7924	164-1	6.3375
164	6.825	INV_SLV	Max			32.5639	164-1	6.825
164	7.3125	INV_SLV	Max			32.2673	164-1	7.3125
164	7.8	INV_SLV	Max			30.9022	164-1	7.8
164	0.	INV_SLV	Min			-75.6076	164-1	0.
164	0.4875	INV_SLV	Min			-60.9357	164-1	0.4875
164	0.975	INV_SLV	Min			-47.3335	164-1	0.975
164	1.4625	INV_SLV	Min			-34.8014	164-1	1.4625
164	1.95	INV_SLV	Min			-23.3403	164-1	1.95
164	2.4375	INV_SLV	Min			-12.9517	164-1	2.4375
164	2.925	INV_SLV	Min			-3.6407	164-1	2.925
164	3.4125	INV_SLV	Min			4.5682	164-1	3.4125
164	3.9	INV_SLV	Min			11.3285	164-1	3.9
164	4.3875	INV_SLV	Min			5.5815	164-1	4.3875
164	4.875	INV_SLV	Min			-3.8752	164-1	4.875
164	5.3625	INV_SLV	Min			-14.435	164-1	5.3625
164	5.85	INV_SLV	Min			-26.0725	164-1	5.85
164	6.3375	INV_SLV	Min			-38.7825	164-1	6.3375
164	6.825	INV_SLV	Min			-52.5633	164-1	6.825
164	7.3125	INV_SLV	Min			-67.4143	164-1	7.3125
164	7.8	INV_SLV	Min			-83.335	164-1	7.8
165	0.	INV_SLU	Max			-128.5294	165-1	0.
165	0.49231	INV_SLU	Max			-68.5531	165-1	0.49231
165	0.98462	INV_SLU	Max			-18.785	165-1	0.98462
165	1.47692	INV_SLU	Max			31.205	165-1	1.47692
165	1.96923	INV_SLU	Max			74.7592	165-1	1.96923

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
165	2.46154	INV_SLU	Max			103.1428	165-1	2.46154
165	2.95385	INV_SLU	Max			116.3559	165-1	2.95385
165	3.44615	INV_SLU	Max			114.4107	165-1	3.44615
165	3.93846	INV_SLU	Max			97.3326	165-1	3.93846
165	4.43077	INV_SLU	Max			65.0839	165-1	4.43077
165	4.92308	INV_SLU	Max			17.6648	165-1	4.92308
165	5.41538	INV_SLU	Max			-29.8821	165-1	5.41538
165	5.90769	INV_SLU	Max			-82.1115	165-1	5.90769
165	6.4	INV_SLU	Max			-144.5491	165-1	6.4
165	0.	INV_SLU	Min			-190.8175	165-1	0.
165	0.49231	INV_SLU	Min			-101.7019	165-1	0.49231
165	0.98462	INV_SLU	Min			-27.7568	165-1	0.98462
165	1.47692	INV_SLU	Min			20.4631	165-1	1.47692
165	1.96923	INV_SLU	Min			49.8982	165-1	1.96923
165	2.46154	INV_SLU	Min			69.1253	165-1	2.46154
165	2.95385	INV_SLU	Min			78.1442	165-1	2.95385
165	3.44615	INV_SLU	Min			76.9347	165-1	3.44615
165	3.93846	INV_SLU	Min			65.4544	165-1	3.93846
165	4.43077	INV_SLU	Min			43.7661	165-1	4.43077
165	4.92308	INV_SLU	Min			11.8697	165-1	4.92308
165	5.41538	INV_SLU	Min			-45.1366	165-1	5.41538
165	5.90769	INV_SLU	Min			-122.9467	165-1	5.90769
165	6.4	INV_SLU	Min			-215.9274	165-1	6.4
165	0.	INV_SLV	Max			-73.2748	165-1	0.
165	0.49231	INV_SLV	Max			-34.4898	165-1	0.49231
165	0.98462	INV_SLV	Max			-2.6553	165-1	0.98462
165	1.47692	INV_SLV	Max			22.2289	165-1	1.47692
165	1.96923	INV_SLV	Max			40.1633	165-1	1.96923
165	2.46154	INV_SLV	Max			51.1493	165-1	2.46154
165	2.95385	INV_SLV	Max			55.1953	165-1	2.95385
165	3.44615	INV_SLV	Max			52.9453	165-1	3.44615
165	3.93846	INV_SLV	Max			46.8453	165-1	3.93846
165	4.43077	INV_SLV	Max			34.1705	165-1	4.43077
165	4.92308	INV_SLV	Max			14.5516	165-1	4.92308
165	5.41538	INV_SLV	Max			-12.0163	165-1	5.41538
165	5.90769	INV_SLV	Max			-45.5341	165-1	5.90769
165	6.4	INV_SLV	Max			-86.0024	165-1	6.4
165	0.	INV_SLV	Min			-102.0925	165-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
165	0.49231	INV_SLV	Min			-59.1514	165-1	0.49231
165	0.98462	INV_SLV	Min			-23.1614	165-1	0.98462
165	1.47692	INV_SLV	Min			5.8775	165-1	1.47692
165	1.96923	INV_SLV	Min			27.9646	165-1	1.96923
165	2.46154	INV_SLV	Min			43.0986	165-1	2.46154
165	2.95385	INV_SLV	Min			51.271	165-1	2.95385
165	3.44615	INV_SLV	Min			51.838	165-1	3.44615
165	3.93846	INV_SLV	Min			42.3535	165-1	3.93846
165	4.43077	INV_SLV	Min			25.5422	165-1	4.43077
165	4.92308	INV_SLV	Min			1.7735	165-1	4.92308
165	5.41538	INV_SLV	Min			-28.9478	165-1	5.41538
165	5.90769	INV_SLV	Min			-66.6205	165-1	5.90769
165	6.4	INV_SLV	Min			-111.2445	165-1	6.4
166	0.	INV_SLU	Max			-144.9812	166-1	0.
166	0.49231	INV_SLU	Max			-83.4474	166-1	0.49231
166	0.98462	INV_SLU	Max			-32.1216	166-1	0.98462
166	1.47692	INV_SLU	Max			12.9085	166-1	1.47692
166	1.96923	INV_SLU	Max			58.9373	166-1	1.96923
166	2.46154	INV_SLU	Max			89.7956	166-1	2.46154
166	2.95385	INV_SLU	Max			105.4834	166-1	2.95385
166	3.44615	INV_SLU	Max			106.0006	166-1	3.44615
166	3.93846	INV_SLU	Max			91.3473	166-1	3.93846
166	4.43077	INV_SLU	Max			61.5278	166-1	4.43077
166	4.92308	INV_SLU	Max			16.5478	166-1	4.92308
166	5.41538	INV_SLU	Max			-29.4982	166-1	5.41538
166	5.90769	INV_SLU	Max			-80.2294	166-1	5.90769
166	6.4	INV_SLU	Max			-141.1686	166-1	6.4
166	0.	INV_SLU	Min			-216.3257	166-1	0.
166	0.49231	INV_SLU	Min			-124.7709	166-1	0.49231
166	0.98462	INV_SLU	Min			-48.3867	166-1	0.98462
166	1.47692	INV_SLU	Min			8.8602	166-1	1.47692
166	1.96923	INV_SLU	Min			39.7936	166-1	1.96923
166	2.46154	INV_SLU	Min			60.519	166-1	2.46154
166	2.95385	INV_SLU	Min			71.0363	166-1	2.95385
166	3.44615	INV_SLU	Min			71.3456	166-1	3.44615
166	3.93846	INV_SLU	Min			61.4467	166-1	3.93846
166	4.43077	INV_SLU	Min			41.3326	166-1	4.43077
166	4.92308	INV_SLU	Min			10.9938	166-1	4.92308

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
166	5.41538	INV_SLU	Min			-43.6358	166-1	5.41538
166	5.90769	INV_SLU	Min			-118.9712	166-1	5.90769
166	6.4	INV_SLU	Min			-209.4772	166-1	6.4
166	0.	INV_SLV	Max			-88.8465	166-1	0.
166	0.49231	INV_SLV	Max			-48.481	166-1	0.49231
166	0.98462	INV_SLV	Max			-15.063	166-1	0.98462
166	1.47692	INV_SLV	Max			11.41	166-1	1.47692
166	1.96923	INV_SLV	Max			31.1149	166-1	1.96923
166	2.46154	INV_SLV	Max			43.9423	166-1	2.46154
166	2.95385	INV_SLV	Max			49.9638	166-1	2.95385
166	3.44615	INV_SLV	Max			49.8917	166-1	3.44615
166	3.93846	INV_SLV	Max			44.5232	166-1	3.93846
166	4.43077	INV_SLV	Max			32.3218	166-1	4.43077
166	4.92308	INV_SLV	Max			13.2094	166-1	4.92308
166	5.41538	INV_SLV	Max			-12.8382	166-1	5.41538
166	5.90769	INV_SLV	Max			-45.8291	166-1	5.90769
166	6.4	INV_SLV	Max			-85.7667	166-1	6.4
166	0.	INV_SLV	Min			-108.9445	166-1	0.
166	0.49231	INV_SLV	Min			-65.4718	166-1	0.49231
166	0.98462	INV_SLV	Min			-28.953	166-1	0.98462
166	1.47692	INV_SLV	Min			0.6092	166-1	1.47692
166	1.96923	INV_SLV	Min			23.038	166-1	1.96923
166	2.46154	INV_SLV	Min			38.4428	166-1	2.46154
166	2.95385	INV_SLV	Min			46.752	166-1	2.95385
166	3.44615	INV_SLV	Min			47.2533	166-1	3.44615
166	3.93846	INV_SLV	Min			39.1495	166-1	3.93846
166	4.43077	INV_SLV	Min			23.9769	166-1	4.43077
166	4.92308	INV_SLV	Min			1.814	166-1	4.92308
166	5.41538	INV_SLV	Min			-27.3154	166-1	5.41538
166	5.90769	INV_SLV	Min			-63.4029	166-1	5.90769
166	6.4	INV_SLV	Min			-106.4453	166-1	6.4
167	0.	INV_SLU	Max			-140.2161	167-1	0.
167	0.49231	INV_SLU	Max			-80.1977	167-1	0.49231
167	0.98462	INV_SLU	Max			-30.3874	167-1	0.98462
167	1.47692	INV_SLU	Max			13.6579	167-1	1.47692
167	1.96923	INV_SLU	Max			57.3273	167-1	1.96923
167	2.46154	INV_SLU	Max			85.8601	167-1	2.46154
167	2.95385	INV_SLU	Max			99.2247	167-1	2.95385

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
167	3.44615	INV_SLU	Max			97.4188	167-1	3.44615
167	3.93846	INV_SLU	Max			80.4424	167-1	3.93846
167	4.43077	INV_SLU	Max			48.2954	167-1	4.43077
167	4.92308	INV_SLU	Max			0.9779	167-1	4.92308
167	5.41538	INV_SLU	Max			-41.0378	167-1	5.41538
167	5.90769	INV_SLU	Max			-93.2476	167-1	5.90769
167	6.4	INV_SLU	Max			-155.6655	167-1	6.4
167	0.	INV_SLU	Min			-208.5211	167-1	0.
167	0.49231	INV_SLU	Min			-119.3038	167-1	0.49231
167	0.98462	INV_SLU	Min			-45.257	167-1	0.98462
167	1.47692	INV_SLU	Min			9.1502	167-1	1.47692
167	1.96923	INV_SLU	Min			38.605	167-1	1.96923
167	2.46154	INV_SLU	Min			57.795	167-1	2.46154
167	2.95385	INV_SLU	Min			66.773	167-1	2.95385
167	3.44615	INV_SLU	Min			65.5429	167-1	3.44615
167	3.93846	INV_SLU	Min			54.1047	167-1	3.93846
167	4.43077	INV_SLU	Min			32.4585	167-1	4.43077
167	4.92308	INV_SLU	Min			0.6042	167-1	4.92308
167	5.41538	INV_SLU	Min			-61.7624	167-1	5.41538
167	5.90769	INV_SLU	Min			-139.4573	167-1	5.90769
167	6.4	INV_SLU	Min			-232.3228	167-1	6.4
167	0.	INV_SLV	Max			-85.555	167-1	0.
167	0.49231	INV_SLV	Max			-46.1268	167-1	0.49231
167	0.98462	INV_SLV	Max			-13.6493	167-1	0.98462
167	1.47692	INV_SLV	Max			11.8777	167-1	1.47692
167	1.96923	INV_SLV	Max			30.4543	167-1	1.96923
167	2.46154	INV_SLV	Max			42.0811	167-1	2.46154
167	2.95385	INV_SLV	Max			46.7613	167-1	2.95385
167	3.44615	INV_SLV	Max			45.1278	167-1	3.44615
167	3.93846	INV_SLV	Max			38.7759	167-1	3.93846
167	4.43077	INV_SLV	Max			25.5579	167-1	4.43077
167	4.92308	INV_SLV	Max			5.3916	167-1	4.92308
167	5.41538	INV_SLV	Max			-21.7248	167-1	5.41538
167	5.90769	INV_SLV	Max			-55.7917	167-1	5.90769
167	6.4	INV_SLV	Max			-96.8092	167-1	6.4
167	0.	INV_SLV	Min			-105.7478	167-1	0.
167	0.49231	INV_SLV	Min			-63.3562	167-1	0.49231
167	0.98462	INV_SLV	Min			-27.9154	167-1	0.98462

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
167	1.47692	INV_SLV	Min			0.5745	167-1	1.47692
167	1.96923	INV_SLV	Min			22.1133	167-1	1.96923
167	2.46154	INV_SLV	Min			36.7003	167-1	2.46154
167	2.95385	INV_SLV	Min			44.3323	167-1	2.95385
167	3.44615	INV_SLV	Min			44.3766	167-1	3.44615
167	3.93846	INV_SLV	Min			35.2377	167-1	3.93846
167	4.43077	INV_SLV	Min			19.0634	167-1	4.43077
167	4.92308	INV_SLV	Min			-4.0641	167-1	4.92308
167	5.41538	INV_SLV	Min			-34.1429	167-1	5.41538
167	5.90769	INV_SLV	Min			-71.1729	167-1	5.90769
167	6.4	INV_SLV	Min			-115.1537	167-1	6.4
168	0.	INV_SLU	Max			-166.7917	168-1	0.
168	0.49231	INV_SLU	Max			-97.7978	168-1	0.49231
168	0.98462	INV_SLU	Max			-39.012	168-1	0.98462
168	1.47692	INV_SLU	Max			14.1516	168-1	1.47692
168	1.96923	INV_SLU	Max			71.5397	168-1	1.96923
168	2.46154	INV_SLU	Max			113.7572	168-1	2.46154
168	2.95385	INV_SLU	Max			140.8042	168-1	2.95385
168	3.44615	INV_SLU	Max			152.6807	168-1	3.44615
168	3.93846	INV_SLU	Max			149.3866	168-1	3.93846
168	4.43077	INV_SLU	Max			130.922	168-1	4.43077
168	4.92308	INV_SLU	Max			97.2868	168-1	4.92308
168	5.41538	INV_SLU	Max			48.4811	168-1	5.41538
168	5.90769	INV_SLU	Max			-10.5464	168-1	5.90769
168	6.4	INV_SLU	Max			-63.8223	168-1	6.4
168	0.	INV_SLU	Min			-249.0357	168-1	0.
168	0.49231	INV_SLU	Min			-146.1361	168-1	0.49231
168	0.98462	INV_SLU	Min			-58.4069	168-1	0.98462
168	1.47692	INV_SLU	Min			9.5658	168-1	1.47692
168	1.96923	INV_SLU	Min			47.9355	168-1	1.96923
168	2.46154	INV_SLU	Min			76.0972	168-1	2.46154
168	2.95385	INV_SLU	Min			94.0507	168-1	2.95385
168	3.44615	INV_SLU	Min			101.7962	168-1	3.44615
168	3.93846	INV_SLU	Min			99.3336	168-1	3.93846
168	4.43077	INV_SLU	Min			86.663	168-1	4.43077
168	4.92308	INV_SLU	Min			63.7843	168-1	4.92308
168	5.41538	INV_SLU	Min			30.6974	168-1	5.41538
168	5.90769	INV_SLU	Min			-16.7257	168-1	5.90769

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
168	6.4	INV_SLU	Min			-96.0087	168-1	6.4
168	0.	INV_SLV	Max			-101.6692	168-1	0.
168	0.49231	INV_SLV	Max			-56.8341	168-1	0.49231
168	0.98462	INV_SLV	Max			-18.9498	168-1	0.98462
168	1.47692	INV_SLV	Max			11.9838	168-1	1.47692
168	1.96923	INV_SLV	Max			35.9668	168-1	1.96923
168	2.46154	INV_SLV	Max			53.0004	168-1	2.46154
168	2.95385	INV_SLV	Max			65.0306	168-1	2.95385
168	3.44615	INV_SLV	Max			72.4735	168-1	3.44615
168	3.93846	INV_SLV	Max			72.9672	168-1	3.93846
168	4.43077	INV_SLV	Max			66.5104	168-1	4.43077
168	4.92308	INV_SLV	Max			53.1028	168-1	4.92308
168	5.41538	INV_SLV	Max			32.7446	168-1	5.41538
168	5.90769	INV_SLV	Max			5.4356	168-1	5.90769
168	6.4	INV_SLV	Max			-28.8242	168-1	6.4
168	0.	INV_SLV	Min			-125.6075	168-1	0.
168	0.49231	INV_SLV	Min			-76.4581	168-1	0.49231
168	0.98462	INV_SLV	Min			-34.2596	168-1	0.98462
168	1.47692	INV_SLV	Min			0.9881	168-1	1.47692
168	1.96923	INV_SLV	Min			29.2849	168-1	1.96923
168	2.46154	INV_SLV	Min			50.6296	168-1	2.46154
168	2.95385	INV_SLV	Min			63.0762	168-1	2.95385
168	3.44615	INV_SLV	Min			66.2086	168-1	3.44615
168	3.93846	INV_SLV	Min			62.3886	168-1	3.93846
168	4.43077	INV_SLV	Min			51.6177	168-1	4.43077
168	4.92308	INV_SLV	Min			33.8959	168-1	4.92308
168	5.41538	INV_SLV	Min			9.2234	168-1	5.41538
168	5.90769	INV_SLV	Min			-22.4	168-1	5.90769
168	6.4	INV_SLV	Min			-60.9741	168-1	6.4
169	0.	INV_SLU	Max			-268.6278	169-1	0.
169	0.49231	INV_SLU	Max			-154.4707	169-1	0.49231
169	0.98462	INV_SLU	Max			-59.3122	169-1	0.98462
169	1.47692	INV_SLU	Max			25.4794	169-1	1.47692
169	1.96923	INV_SLU	Max			112.523	169-1	1.96923
169	2.46154	INV_SLU	Max			170.6429	169-1	2.46154
169	2.95385	INV_SLU	Max			199.8392	169-1	2.95385
169	3.44615	INV_SLU	Max			200.1174	169-1	3.44615
169	3.93846	INV_SLU	Max			171.4805	169-1	3.93846

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
169	4.43077	INV_SLU	Max			113.9199	169-1	4.43077
169	4.92308	INV_SLU	Max			27.4357	169-1	4.92308
169	5.41538	INV_SLU	Max			-57.7255	169-1	5.41538
169	5.90769	INV_SLU	Max			-152.5308	169-1	5.90769
169	6.4	INV_SLU	Max			-266.3349	169-1	6.4
169	0.	INV_SLU	Min			-409.286	169-1	0.
169	0.49231	INV_SLU	Min			-235.4575	169-1	0.49231
169	0.98462	INV_SLU	Min			-90.5525	169-1	0.98462
169	1.47692	INV_SLU	Min			16.7631	169-1	1.47692
169	1.96923	INV_SLU	Min			73.9476	169-1	1.96923
169	2.46154	INV_SLU	Min			112.1333	169-1	2.46154
169	2.95385	INV_SLU	Min			131.3203	169-1	2.95385
169	3.44615	INV_SLU	Min			131.4994	169-1	3.44615
169	3.93846	INV_SLU	Min			112.6655	169-1	3.93846
169	4.43077	INV_SLU	Min			74.833	169-1	4.43077
169	4.92308	INV_SLU	Min			18.0017	169-1	4.92308
169	5.41538	INV_SLU	Min			-88.0339	169-1	5.41538
169	5.90769	INV_SLU	Min			-232.3794	169-1	5.90769
169	6.4	INV_SLU	Min			-405.6486	169-1	6.4
169	0.	INV_SLV	Max			-173.441	169-1	0.
169	0.49231	INV_SLV	Max			-97.6184	169-1	0.49231
169	0.98462	INV_SLV	Max			-34.607	169-1	0.98462
169	1.47692	INV_SLV	Max			15.5933	169-1	1.47692
169	1.96923	INV_SLV	Max			52.9825	169-1	1.96923
169	2.46154	INV_SLV	Max			77.5607	169-1	2.46154
169	2.95385	INV_SLV	Max			89.3294	169-1	2.95385
169	3.44615	INV_SLV	Max			89.1828	169-1	3.44615
169	3.93846	INV_SLV	Max			77.6815	169-1	3.93846
169	4.43077	INV_SLV	Max			53.3719	169-1	4.43077
169	4.92308	INV_SLV	Max			16.2515	169-1	4.92308
169	5.41538	INV_SLV	Max			-33.6799	169-1	5.41538
169	5.90769	INV_SLV	Max			-96.4225	169-1	5.90769
169	6.4	INV_SLV	Max			-171.9763	169-1	6.4
169	0.	INV_SLV	Min			-189.1134	169-1	0.
169	0.49231	INV_SLV	Min			-110.9378	169-1	0.49231
169	0.98462	INV_SLV	Min			-45.5734	169-1	0.98462
169	1.47692	INV_SLV	Min			6.9797	169-1	1.47692
169	1.96923	INV_SLV	Min			46.7216	169-1	1.96923

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
169	2.46154	INV_SLV	Min			73.6519	169-1	2.46154
169	2.95385	INV_SLV	Min			87.7695	169-1	2.95385
169	3.44615	INV_SLV	Min			88.18	169-1	3.44615
169	3.93846	INV_SLV	Min			74.3228	169-1	3.93846
169	4.43077	INV_SLV	Min			47.6515	169-1	4.43077
169	4.92308	INV_SLV	Min			8.1686	169-1	4.92308
169	5.41538	INV_SLV	Min			-44.1255	169-1	5.41538
169	5.90769	INV_SLV	Min			-109.231	169-1	5.90769
169	6.4	INV_SLV	Min			-187.1476	169-1	6.4
170	0.	INV_SLU	Max			-267.6967	170-1	0.
170	0.49231	INV_SLU	Max			-153.6476	170-1	0.49231
170	0.98462	INV_SLU	Max			-58.5971	170-1	0.98462
170	1.47692	INV_SLU	Max			26.4746	170-1	1.47692
170	1.96923	INV_SLU	Max			113.362	170-1	1.96923
170	2.46154	INV_SLU	Max			171.3257	170-1	2.46154
170	2.95385	INV_SLU	Max			200.3658	170-1	2.95385
170	3.44615	INV_SLU	Max			200.4946	170-1	3.44615
170	3.93846	INV_SLU	Max			171.7103	170-1	3.93846
170	4.43077	INV_SLU	Max			114.0024	170-1	4.43077
170	4.92308	INV_SLU	Max			27.3708	170-1	4.92308
170	5.41538	INV_SLU	Max			-57.9119	170-1	5.41538
170	5.90769	INV_SLU	Max			-152.8104	170-1	5.90769
170	6.4	INV_SLU	Max			-266.7077	170-1	6.4
170	0.	INV_SLU	Min			-407.8774	170-1	0.
170	0.49231	INV_SLU	Min			-234.1962	170-1	0.49231
170	0.98462	INV_SLU	Min			-89.4386	170-1	0.98462
170	1.47692	INV_SLU	Min			17.3225	170-1	1.47692
170	1.96923	INV_SLU	Min			74.4137	170-1	1.96923
170	2.46154	INV_SLU	Min			112.5062	170-1	2.46154
170	2.95385	INV_SLU	Min			131.6	170-1	2.95385
170	3.44615	INV_SLU	Min			131.6744	170-1	3.44615
170	3.93846	INV_SLU	Min			112.7325	170-1	3.93846
170	4.43077	INV_SLU	Min			74.7919	170-1	4.43077
170	4.92308	INV_SLU	Min			17.8526	170-1	4.92308
170	5.41538	INV_SLU	Min			-88.2885	170-1	5.41538
170	5.90769	INV_SLU	Min			-232.7903	170-1	5.90769
170	6.4	INV_SLU	Min			-406.2157	170-1	6.4
170	0.	INV_SLV	Max			-172.1493	170-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
170	0.49231	INV_SLV	Max			-96.5983	170-1	0.49231
170	0.98462	INV_SLV	Max			-33.8586	170-1	0.98462
170	1.47692	INV_SLV	Max			16.0702	170-1	1.47692
170	1.96923	INV_SLV	Max			53.188	170-1	1.96923
170	2.46154	INV_SLV	Max			77.4956	170-1	2.46154
170	2.95385	INV_SLV	Max			89.008	170-1	2.95385
170	3.44615	INV_SLV	Max			89.9452	170-1	3.44615
170	3.93846	INV_SLV	Max			78.5573	170-1	3.93846
170	4.43077	INV_SLV	Max			54.3599	170-1	4.43077
170	4.92308	INV_SLV	Max			17.3518	170-1	4.92308
170	5.41538	INV_SLV	Max			-32.4674	170-1	5.41538
170	5.90769	INV_SLV	Max			-95.0978	170-1	5.90769
170	6.4	INV_SLV	Max			-170.5392	170-1	6.4
170	0.	INV_SLV	Min			-189.0755	170-1	0.
170	0.49231	INV_SLV	Min			-110.7828	170-1	0.49231
170	0.98462	INV_SLV	Min			-45.3012	170-1	0.98462
170	1.47692	INV_SLV	Min			7.369	170-1	1.47692
170	1.96923	INV_SLV	Min			47.2278	170-1	1.96923
170	2.46154	INV_SLV	Min			74.2743	170-1	2.46154
170	2.95385	INV_SLV	Min			88.4938	170-1	2.95385
170	3.44615	INV_SLV	Min			87.666	170-1	3.44615
170	3.93846	INV_SLV	Min			73.541	170-1	3.93846
170	4.43077	INV_SLV	Min			46.603	170-1	4.43077
170	4.92308	INV_SLV	Min			6.8535	170-1	4.92308
170	5.41538	INV_SLV	Min			-45.7074	170-1	5.41538
170	5.90769	INV_SLV	Min			-111.0796	170-1	5.90769
170	6.4	INV_SLV	Min			-189.263	170-1	6.4
171	0.	INV_SLU	Max			-267.7827	171-1	0.
171	0.49231	INV_SLU	Max			-153.8401	171-1	0.49231
171	0.98462	INV_SLU	Max			-58.8962	171-1	0.98462
171	1.47692	INV_SLU	Max			25.8963	171-1	1.47692
171	1.96923	INV_SLU	Max			112.5751	171-1	1.96923
171	2.46154	INV_SLU	Max			170.3302	171-1	2.46154
171	2.95385	INV_SLU	Max			199.1617	171-1	2.95385
171	3.44615	INV_SLU	Max			199.0696	171-1	3.44615
171	3.93846	INV_SLU	Max			170.0538	171-1	3.93846
171	4.43077	INV_SLU	Max			112.1143	171-1	4.43077
171	4.92308	INV_SLU	Max			25.2512	171-1	4.92308

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
171	5.41538	INV_SLU	Max			-59.3438	171-1	5.41538
171	5.90769	INV_SLU	Max			-154.38	171-1	5.90769
171	6.4	INV_SLU	Max			-268.4093	171-1	6.4
171	0.	INV_SLU	Min			-407.7697	171-1	0.
171	0.49231	INV_SLU	Min			-234.3123	171-1	0.49231
171	0.98462	INV_SLU	Min			-89.7785	171-1	0.98462
171	1.47692	INV_SLU	Min			16.941	171-1	1.47692
171	1.96923	INV_SLU	Min			73.9002	171-1	1.96923
171	2.46154	INV_SLU	Min			111.8607	171-1	2.46154
171	2.95385	INV_SLU	Min			130.8225	171-1	2.95385
171	3.44615	INV_SLU	Min			130.7855	171-1	3.44615
171	3.93846	INV_SLU	Min			111.7498	171-1	3.93846
171	4.43077	INV_SLU	Min			73.7154	171-1	4.43077
171	4.92308	INV_SLU	Min			16.6823	171-1	4.92308
171	5.41538	INV_SLU	Min			-90.5389	171-1	5.41538
171	5.90769	INV_SLU	Min			-235.2458	171-1	5.90769
171	6.4	INV_SLU	Min			-408.8799	171-1	6.4
171	0.	INV_SLV	Max			-175.075	171-1	0.
171	0.49231	INV_SLV	Max			-98.6745	171-1	0.49231
171	0.98462	INV_SLV	Max			-35.0852	171-1	0.98462
171	1.47692	INV_SLV	Max			15.693	171-1	1.47692
171	1.96923	INV_SLV	Max			53.66	171-1	1.96923
171	2.46154	INV_SLV	Max			78.8158	171-1	2.46154
171	2.95385	INV_SLV	Max			91.1606	171-1	2.95385
171	3.44615	INV_SLV	Max			90.6942	171-1	3.44615
171	3.93846	INV_SLV	Max			77.4167	171-1	3.93846
171	4.43077	INV_SLV	Max			51.3284	171-1	4.43077
171	4.92308	INV_SLV	Max			12.4294	171-1	4.92308
171	5.41538	INV_SLV	Max			-39.279	171-1	5.41538
171	5.90769	INV_SLV	Max			-103.7881	171-1	5.90769
171	6.4	INV_SLV	Max			-180.7148	171-1	6.4
171	0.	INV_SLV	Min			-186.255	171-1	0.
171	0.49231	INV_SLV	Min			-108.9651	171-1	0.49231
171	0.98462	INV_SLV	Min			-44.4864	171-1	0.98462
171	1.47692	INV_SLV	Min			7.181	171-1	1.47692
171	1.96923	INV_SLV	Min			46.0373	171-1	1.96923
171	2.46154	INV_SLV	Min			72.0823	171-1	2.46154
171	2.95385	INV_SLV	Min			85.3161	171-1	2.95385

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
171	3.44615	INV_SLV	Min			85.7386	171-1	3.44615
171	3.93846	INV_SLV	Min			73.3497	171-1	3.93846
171	4.43077	INV_SLV	Min			48.1494	171-1	4.43077
171	4.92308	INV_SLV	Min			10.1374	171-1	4.92308
171	5.41538	INV_SLV	Min			-40.6876	171-1	5.41538
171	5.90769	INV_SLV	Min			-104.3343	171-1	5.90769
171	6.4	INV_SLV	Min			-181.1858	171-1	6.4
172	0.	INV_SLU	Max			-269.0516	172-1	0.
172	0.49231	INV_SLU	Max			-152.9763	172-1	0.49231
172	0.98462	INV_SLU	Max			-55.8997	172-1	0.98462
172	1.47692	INV_SLU	Max			33.3894	172-1	1.47692
172	1.96923	INV_SLU	Max			123.4615	172-1	1.96923
172	2.46154	INV_SLU	Max			184.6099	172-1	2.46154
172	2.95385	INV_SLU	Max			216.8931	172-1	2.95385
172	3.44615	INV_SLU	Max			220.2668	172-1	3.44615
172	3.93846	INV_SLU	Max			194.7169	172-1	3.93846
172	4.43077	INV_SLU	Max			140.2433	172-1	4.43077
172	4.92308	INV_SLU	Max			56.846	172-1	4.92308
172	5.41538	INV_SLU	Max			-36.4503	172-1	5.41538
172	5.90769	INV_SLU	Max			-129.2399	172-1	5.90769
172	6.4	INV_SLU	Max			-241.0282	172-1	6.4
172	0.	INV_SLU	Min			-410.7456	172-1	0.
172	0.49231	INV_SLU	Min			-233.83	172-1	0.49231
172	0.98462	INV_SLU	Min			-85.8381	172-1	0.98462
172	1.47692	INV_SLU	Min			21.9128	172-1	1.47692
172	1.96923	INV_SLU	Min			81.113	172-1	1.96923
172	2.46154	INV_SLU	Min			121.3144	172-1	2.46154
172	2.95385	INV_SLU	Min			142.4197	172-1	2.95385
172	3.44615	INV_SLU	Min			144.5027	172-1	3.44615
172	3.93846	INV_SLU	Min			127.587	172-1	3.93846
172	4.43077	INV_SLU	Min			91.6726	172-1	4.43077
172	4.92308	INV_SLU	Min			36.7595	172-1	4.92308
172	5.41538	INV_SLU	Min			-55.8961	172-1	5.41538
172	5.90769	INV_SLU	Min			-197.2132	172-1	5.90769
172	6.4	INV_SLU	Min			-367.4539	172-1	6.4
172	0.	INV_SLV	Max			-159.5722	172-1	0.
172	0.49231	INV_SLV	Max			-85.6145	172-1	0.49231
172	0.98462	INV_SLV	Max			-24.468	172-1	0.98462

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
172	1.47692	INV_SLV	Max			23.8672	172-1	1.47692
172	1.96923	INV_SLV	Max			59.3914	172-1	1.96923
172	2.46154	INV_SLV	Max			82.1056	172-1	2.46154
172	2.95385	INV_SLV	Max			100.1845	172-1	2.95385
172	3.44615	INV_SLV	Max			106.0045	172-1	3.44615
172	3.93846	INV_SLV	Max			99.0134	172-1	3.93846
172	4.43077	INV_SLV	Max			79.211	172-1	4.43077
172	4.92308	INV_SLV	Max			46.5975	172-1	4.92308
172	5.41538	INV_SLV	Max			1.1728	172-1	5.41538
172	5.90769	INV_SLV	Max			-57.0631	172-1	5.90769
172	6.4	INV_SLV	Max			-128.1101	172-1	6.4
172	0.	INV_SLV	Min			-203.771	172-1	0.
172	0.49231	INV_SLV	Min			-121.0838	172-1	0.49231
172	0.98462	INV_SLV	Min			-51.2078	172-1	0.98462
172	1.47692	INV_SLV	Min			5.857	172-1	1.47692
172	1.96923	INV_SLV	Min			50.1106	172-1	1.96923
172	2.46154	INV_SLV	Min			81.5517	172-1	2.46154
172	2.95385	INV_SLV	Min			92.0058	172-1	2.95385
172	3.44615	INV_SLV	Min			89.0963	172-1	3.44615
172	3.93846	INV_SLV	Min			73.3757	172-1	3.93846
172	4.43077	INV_SLV	Min			44.8438	172-1	4.43077
172	4.92308	INV_SLV	Min			3.5008	172-1	4.92308
172	5.41538	INV_SLV	Min			-50.6535	172-1	5.41538
172	5.90769	INV_SLV	Min			-117.6189	172-1	5.90769
172	6.4	INV_SLV	Min			-197.3955	172-1	6.4
173	0.	INV_SLU	Max			-141.0697	173-1	0.
173	0.4	INV_SLU	Max			-84.0414	173-1	0.4
173	0.8	INV_SLU	Max			-33.752	173-1	0.8
173	0.8	INV_SLU	Max			-15.5913	173-2	0.
173	1.2	INV_SLU	Max			-4.114	173-2	0.4
173	1.6	INV_SLU	Max			1.2494	173-2	0.8
173	1.6	INV_SLU	Max			-0.429	173-3	0.
173	2.	INV_SLU	Max			2.9169	173-3	0.4
173	2.4	INV_SLU	Max			-2.4104	173-3	0.8
173	2.4	INV_SLU	Max			-2.8813	173-4	0.
173	2.8	INV_SLU	Max			1.0735	173-4	0.4
173	3.2	INV_SLU	Max			-2.3231	173-4	0.8
173	3.2	INV_SLU	Max			-3.0153	173-5	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
173	3.6	INV_SLU	Max			1.2234	173-5	0.4
173	4.	INV_SLU	Max			-1.9923	173-5	0.8
173	4.	INV_SLU	Max			-2.913	173-6	0.
173	4.4	INV_SLU	Max			1.5137	173-6	0.4
173	4.8	INV_SLU	Max			-1.7509	173-6	0.8
173	4.8	INV_SLU	Max			-2.843	173-7	0.
173	5.2	INV_SLU	Max			2.3973	173-7	0.4
173	5.6	INV_SLU	Max			-0.8304	173-7	0.8
173	5.6	INV_SLU	Max			-0.5676	173-8	0.
173	6.	INV_SLU	Max			10.2791	173-8	0.4
173	6.4	INV_SLU	Max			11.111	173-8	0.8
173	0.	INV_SLU	Min			-215.482	173-1	0.
173	0.4	INV_SLU	Min			-128.1092	173-1	0.4
173	0.8	INV_SLU	Min			-50.7513	173-1	0.8
173	0.8	INV_SLU	Min			-23.4378	173-2	0.
173	1.2	INV_SLU	Min			-6.0867	173-2	0.4
173	1.6	INV_SLU	Min			0.6245	173-2	0.8
173	1.6	INV_SLU	Min			-0.7492	173-3	0.
173	2.	INV_SLU	Min			1.8286	173-3	0.4
173	2.4	INV_SLU	Min			-3.5773	173-3	0.8
173	2.4	INV_SLU	Min			-4.4412	173-4	0.
173	2.8	INV_SLU	Min			0.6695	173-4	0.4
173	3.2	INV_SLU	Min			-3.5441	173-4	0.8
173	3.2	INV_SLU	Min			-4.5666	173-5	0.
173	3.6	INV_SLU	Min			0.7653	173-5	0.4
173	4.	INV_SLU	Min			-3.1219	173-5	0.8
173	4.	INV_SLU	Min			-4.318	173-6	0.
173	4.4	INV_SLU	Min			0.9335	173-6	0.4
173	4.8	INV_SLU	Min			-2.7943	173-6	0.8
173	4.8	INV_SLU	Min			-4.1195	173-7	0.
173	5.2	INV_SLU	Min			1.4742	173-7	0.4
173	5.6	INV_SLU	Min			-1.1711	173-7	0.8
173	5.6	INV_SLU	Min			-0.6329	173-8	0.
173	6.	INV_SLU	Min			6.7563	173-8	0.4
173	6.4	INV_SLU	Min			7.4066	173-8	0.8
173	0.	INV_SLV	Max			-79.2145	173-1	0.
173	0.4	INV_SLV	Max			-47.987	173-1	0.4
173	0.8	INV_SLV	Max			-21.2887	173-1	0.8

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
173	0.8	INV_SLV	Max			-1.4699	173-2	0.
173	1.2	INV_SLV	Max			1.685	173-2	0.4
173	1.6	INV_SLV	Max			0.5042	173-2	0.8
173	1.6	INV_SLV	Max			10.142	173-3	0.
173	2.	INV_SLV	Max			4.3512	173-3	0.4
173	2.4	INV_SLV	Max			2.6705	173-3	0.8
173	2.4	INV_SLV	Max			6.6094	173-4	0.
173	2.8	INV_SLV	Max			1.1927	173-4	0.4
173	3.2	INV_SLV	Max			5.5625	173-4	0.8
173	3.2	INV_SLV	Max			4.2922	173-5	0.
173	3.6	INV_SLV	Max			1.9004	173-5	0.4
173	4.	INV_SLV	Max			7.7589	173-5	0.8
173	4.	INV_SLV	Max			1.3863	173-6	0.
173	4.4	INV_SLV	Max			4.1531	173-6	0.4
173	4.8	INV_SLV	Max			9.1494	173-6	0.8
173	4.8	INV_SLV	Max			-1.7016	173-7	0.
173	5.2	INV_SLV	Max			6.0826	173-7	0.4
173	5.6	INV_SLV	Max			9.2906	173-7	0.8
173	5.6	INV_SLV	Max			2.3679	173-8	0.
173	6.	INV_SLV	Max			7.4897	173-8	0.4
173	6.4	INV_SLV	Max			8.1131	173-8	0.8
173	0.	INV_SLV	Min			-111.0818	173-1	0.
173	0.4	INV_SLV	Min			-65.4728	173-1	0.4
173	0.8	INV_SLV	Min			-24.5118	173-1	0.8
173	0.8	INV_SLV	Min			-19.9113	173-2	0.
173	1.2	INV_SLV	Min			-7.4209	173-2	0.4
173	1.6	INV_SLV	Min			0.228	173-2	0.8
173	1.6	INV_SLV	Min			-11.019	173-3	0.
173	2.	INV_SLV	Min			-1.8802	173-3	0.4
173	2.4	INV_SLV	Min			-6.0286	173-3	0.8
173	2.4	INV_SLV	Min			-10.7393	173-4	0.
173	2.8	INV_SLV	Min			-0.2947	173-4	0.4
173	3.2	INV_SLV	Min			-8.8137	173-4	0.8
173	3.2	INV_SLV	Min			-8.5476	173-5	0.
173	3.6	INV_SLV	Min			-0.8446	173-5	0.4
173	4.	INV_SLV	Min			-10.5689	173-5	0.8
173	4.	INV_SLV	Min			-5.4325	173-6	0.
173	4.4	INV_SLV	Min			-2.8325	173-6	0.4

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
173	4.8	INV_SLV	Min			-11.6391	173-6	0.8
173	4.8	INV_SLV	Min			-2.2093	173-7	0.
173	5.2	INV_SLV	Min			-4.0954	173-7	0.4
173	5.6	INV_SLV	Min			-10.5826	173-7	0.8
173	5.6	INV_SLV	Min			-3.3634	173-8	0.
173	6.	INV_SLV	Min			1.6663	173-8	0.4
173	6.4	INV_SLV	Min			2.0173	173-8	0.8
174	0.	INV_SLU	Max			46.8592	174-1	0.
174	1.75	INV_SLU	Max			8.204	174-1	1.75
174	3.5	INV_SLU	Max			-25.3049	174-1	3.5
174	0.	INV_SLU	Min			42.8181	174-1	0.
174	1.75	INV_SLU	Min			6.1834	174-1	1.75
174	3.5	INV_SLU	Min			-26.8483	174-1	3.5
174	0.	INV_SLV	Max			75.5523	174-1	0.
174	1.75	INV_SLV	Max			14.686	174-1	1.75
174	3.5	INV_SLV	Max			42.0687	174-1	3.5
174	0.	INV_SLV	Min			-15.0386	174-1	0.
174	1.75	INV_SLV	Min			-4.0686	174-1	1.75
174	3.5	INV_SLV	Min			-81.3476	174-1	3.5
175	0.	INV_SLU	Max			21.3595	175-1	0.
175	1.75	INV_SLU	Max			-3.1116	175-1	1.75
175	3.5	INV_SLU	Max			-22.7103	175-1	3.5
175	0.	INV_SLU	Min			17.2233	175-1	0.
175	1.75	INV_SLU	Min			-5.2691	175-1	1.75
175	3.5	INV_SLU	Min			-25.5674	175-1	3.5
175	0.	INV_SLV	Max			51.3439	175-1	0.
175	1.75	INV_SLV	Max			5.3002	175-1	1.75
175	3.5	INV_SLV	Max			33.6764	175-1	3.5
175	0.	INV_SLV	Min			-24.9104	175-1	0.
175	1.75	INV_SLV	Min			-9.8123	175-1	1.75
175	3.5	INV_SLV	Min			-69.1342	175-1	3.5
176	0.	INV_SLU	Max			21.1891	176-1	0.
176	1.75	INV_SLU	Max			-3.3261	176-1	1.75
176	3.5	INV_SLU	Max			-23.2074	176-1	3.5
176	0.	INV_SLU	Min			16.9915	176-1	0.
176	1.75	INV_SLU	Min			-5.6029	176-1	1.75
176	3.5	INV_SLU	Min			-25.6989	176-1	3.5
176	0.	INV_SLV	Max			44.7713	176-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
176	1.75	INV_SLV	Max			3.3854	176-1	1.75
176	3.5	INV_SLV	Max			24.0909	176-1	3.5
176	0.	INV_SLV	Min			-18.6212	176-1	0.
176	1.75	INV_SLV	Min			-8.2202	176-1	1.75
176	3.5	INV_SLV	Min			-59.9106	176-1	3.5
177	0.	INV_SLU	Max			21.6459	177-1	0.
177	1.75	INV_SLU	Max			-3.3849	177-1	1.75
177	3.5	INV_SLU	Max			-24.0136	177-1	3.5
177	0.	INV_SLU	Min			17.3849	177-1	0.
177	1.75	INV_SLU	Min			-5.7776	177-1	1.75
177	3.5	INV_SLU	Min			-26.3673	177-1	3.5
177	0.	INV_SLV	Max			38.9585	177-1	0.
177	1.75	INV_SLV	Max			1.6476	177-1	1.75
177	3.5	INV_SLV	Max			14.7216	177-1	3.5
177	0.	INV_SLV	Min			-12.2457	177-1	0.
177	1.75	INV_SLV	Min			-6.6049	177-1	1.75
177	3.5	INV_SLV	Min			-51.3488	177-1	3.5
178	0.	INV_SLU	Max			24.2462	178-1	0.
178	1.75	INV_SLU	Max			-4.3189	178-1	1.75
178	3.5	INV_SLU	Max			-28.4621	178-1	3.5
178	0.	INV_SLU	Min			19.8531	178-1	0.
178	1.75	INV_SLU	Min			-6.778	178-1	1.75
178	3.5	INV_SLU	Min			-32.0428	178-1	3.5
178	0.	INV_SLV	Max			33.7757	178-1	0.
178	1.75	INV_SLV	Max			-0.8425	178-1	1.75
178	3.5	INV_SLV	Max			1.2806	178-1	3.5
178	0.	INV_SLV	Min			-3.5556	178-1	0.
178	1.75	INV_SLV	Min			-5.467	178-1	1.75
178	3.5	INV_SLV	Min			-44.1195	178-1	3.5
179	0.	INV_SLU	Max			24.5192	179-1	0.
179	1.75	INV_SLU	Max			-4.2635	179-1	1.75
179	3.5	INV_SLU	Max			-28.6106	179-1	3.5
179	0.	INV_SLU	Min			20.0836	179-1	0.
179	1.75	INV_SLU	Min			-6.8355	179-1	1.75
179	3.5	INV_SLU	Min			-32.2788	179-1	3.5
179	0.	INV_SLV	Max			32.7615	179-1	0.
179	1.75	INV_SLV	Max			-1.062	179-1	1.75
179	3.5	INV_SLV	Max			-0.4417	179-1	3.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
179	0.	INV_SLV	Min			-2.2049	179-1	0.
179	1.75	INV_SLV	Min			-5.2103	179-1	1.75
179	3.5	INV_SLV	Min			-42.6596	179-1	3.5
180	0.	INV_SLU	Max			-29.7515	180-1	0.
180	0.4875	INV_SLU	Max			-19.1139	180-1	0.4875
180	0.975	INV_SLU	Max			-9.8662	180-1	0.975
180	1.4625	INV_SLU	Max			-2.0085	180-1	1.4625
180	1.95	INV_SLU	Max			4.4595	180-1	1.95
180	2.4375	INV_SLU	Max			9.5803	180-1	2.4375
180	2.925	INV_SLU	Max			13.3239	180-1	2.925
180	3.4125	INV_SLU	Max			15.6776	180-1	3.4125
180	3.9	INV_SLU	Max			16.6414	180-1	3.9
180	4.3875	INV_SLU	Max			16.2702	180-1	4.3875
180	4.875	INV_SLU	Max			14.5634	180-1	4.875
180	5.3625	INV_SLU	Max			11.4666	180-1	5.3625
180	5.85	INV_SLU	Max			6.98	180-1	5.85
180	6.3375	INV_SLU	Max			1.1035	180-1	6.3375
180	6.825	INV_SLU	Max			-6.1628	180-1	6.825
180	7.3125	INV_SLU	Max			-14.8191	180-1	7.3125
180	7.8	INV_SLU	Max			-24.8652	180-1	7.8
180	0.	INV_SLU	Min			-30.9126	180-1	0.
180	0.4875	INV_SLU	Min			-20.1106	180-1	0.4875
180	0.975	INV_SLU	Min			-10.6984	180-1	0.975
180	1.4625	INV_SLU	Min			-2.6761	180-1	1.4625
180	1.95	INV_SLU	Min			3.9563	180-1	1.95
180	2.4375	INV_SLU	Min			9.1275	180-1	2.4375
180	2.925	INV_SLU	Min			12.8878	180-1	2.925
180	3.4125	INV_SLU	Min			15.2582	180-1	3.4125
180	3.9	INV_SLU	Min			16.2387	180-1	3.9
180	4.3875	INV_SLU	Min			15.8293	180-1	4.3875
180	4.875	INV_SLU	Min			14.0301	180-1	4.875
180	5.3625	INV_SLU	Min			10.8182	180-1	5.3625
180	5.85	INV_SLU	Min			6.1671	180-1	5.85
180	6.3375	INV_SLU	Min			0.1261	180-1	6.3375
180	6.825	INV_SLU	Min			-7.3048	180-1	6.825
180	7.3125	INV_SLU	Min			-16.1255	180-1	7.3125
180	7.8	INV_SLU	Min			-26.3361	180-1	7.8
180	0.	INV_SLV	Max			29.4219	180-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
180	0.4875	INV_SLV	Max			30.5768	180-1	0.4875
180	0.975	INV_SLV	Max			30.6626	180-1	0.975
180	1.4625	INV_SLV	Max			29.6793	180-1	1.4625
180	1.95	INV_SLV	Max			27.6269	180-1	1.95
180	2.4375	INV_SLV	Max			24.5054	180-1	2.4375
180	2.925	INV_SLV	Max			20.3151	180-1	2.925
180	3.4125	INV_SLV	Max			15.0576	180-1	3.4125
180	3.9	INV_SLV	Max			16.4305	180-1	3.9
180	4.3875	INV_SLV	Max			23.3323	180-1	4.3875
180	4.875	INV_SLV	Max			29.1664	180-1	4.875
180	5.3625	INV_SLV	Max			33.9315	180-1	5.3625
180	5.85	INV_SLV	Max			37.6276	180-1	5.85
180	6.3375	INV_SLV	Max			40.2546	180-1	6.3375
180	6.825	INV_SLV	Max			41.8125	180-1	6.825
180	7.3125	INV_SLV	Max			42.3012	180-1	7.3125
180	7.8	INV_SLV	Max			41.7208	180-1	7.8
180	0.	INV_SLV	Min			-77.2903	180-1	0.
180	0.4875	INV_SLV	Min			-61.8336	180-1	0.4875
180	0.975	INV_SLV	Min			-47.4461	180-1	0.975
180	1.4625	INV_SLV	Min			-34.1277	180-1	1.4625
180	1.95	INV_SLV	Min			-21.8785	180-1	1.95
180	2.4375	INV_SLV	Min			-10.6986	180-1	2.4375
180	2.925	INV_SLV	Min			-0.588	180-1	2.925
180	3.4125	INV_SLV	Min			8.4515	180-1	3.4125
180	3.9	INV_SLV	Min			8.7223	180-1	3.9
180	4.3875	INV_SLV	Min			1.3259	180-1	4.3875
180	4.875	INV_SLV	Min			-7.1411	180-1	4.875
180	5.3625	INV_SLV	Min			-16.6774	180-1	5.3625
180	5.85	INV_SLV	Min			-27.2829	180-1	5.85
180	6.3375	INV_SLV	Min			-38.9575	180-1	6.3375
180	6.825	INV_SLV	Min			-51.7014	180-1	6.825
180	7.3125	INV_SLV	Min			-65.5144	180-1	7.3125
180	7.8	INV_SLV	Min			-80.3965	180-1	7.8
181	0.	INV_SLU	Max			-26.9659	181-1	0.
181	0.4875	INV_SLU	Max			-16.46	181-1	0.4875
181	0.975	INV_SLU	Max			-7.344	181-1	0.975
181	1.4625	INV_SLU	Max			0.3821	181-1	1.4625
181	1.95	INV_SLU	Max			6.7183	181-1	1.95

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
181	2.4375	INV_SLU	Max			11.6647	181-1	2.4375
181	2.925	INV_SLU	Max			15.2212	181-1	2.925
181	3.4125	INV_SLU	Max			17.3878	181-1	3.4125
181	3.9	INV_SLU	Max			18.1645	181-1	3.9
181	4.3875	INV_SLU	Max			17.6755	181-1	4.3875
181	4.875	INV_SLU	Max			16.0089	181-1	4.875
181	5.3625	INV_SLU	Max			12.9524	181-1	5.3625
181	5.85	INV_SLU	Max			8.5061	181-1	5.85
181	6.3375	INV_SLU	Max			2.6698	181-1	6.3375
181	6.825	INV_SLU	Max			-4.5563	181-1	6.825
181	7.3125	INV_SLU	Max			-13.1723	181-1	7.3125
181	7.8	INV_SLU	Max			-23.1782	181-1	7.8
181	0.	INV_SLU	Min			-29.8773	181-1	0.
181	0.4875	INV_SLU	Min			-19.0804	181-1	0.4875
181	0.975	INV_SLU	Min			-9.6733	181-1	0.975
181	1.4625	INV_SLU	Min			-1.6561	181-1	1.4625
181	1.95	INV_SLU	Min			4.9712	181-1	1.95
181	2.4375	INV_SLU	Min			10.2086	181-1	2.4375
181	2.925	INV_SLU	Min			14.0562	181-1	2.925
181	3.4125	INV_SLU	Min			16.5138	181-1	3.4125
181	3.9	INV_SLU	Min			17.5816	181-1	3.9
181	4.3875	INV_SLU	Min			17.2595	181-1	4.3875
181	4.875	INV_SLU	Min			15.2715	181-1	4.875
181	5.3625	INV_SLU	Min			11.8514	181-1	5.3625
181	5.85	INV_SLU	Min			7.0414	181-1	5.85
181	6.3375	INV_SLU	Min			0.8415	181-1	6.3375
181	6.825	INV_SLU	Min			-6.7482	181-1	6.825
181	7.3125	INV_SLU	Min			-15.7279	181-1	7.3125
181	7.8	INV_SLU	Min			-26.0974	181-1	7.8
181	0.	INV_SLV	Max			21.417	181-1	0.
181	0.4875	INV_SLV	Max			23.7577	181-1	0.4875
181	0.975	INV_SLV	Max			25.0292	181-1	0.975
181	1.4625	INV_SLV	Max			25.2316	181-1	1.4625
181	1.95	INV_SLV	Max			24.3648	181-1	1.95
181	2.4375	INV_SLV	Max			22.429	181-1	2.4375
181	2.925	INV_SLV	Max			19.4243	181-1	2.925
181	3.4125	INV_SLV	Max			15.3518	181-1	3.4125
181	3.9	INV_SLV	Max			16.7356	181-1	3.9

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
181	4.3875	INV_SLV	Max			22.5534	181-1	4.3875
181	4.875	INV_SLV	Max			27.3031	181-1	4.875
181	5.3625	INV_SLV	Max			30.9839	181-1	5.3625
181	5.85	INV_SLV	Max			33.5955	181-1	5.85
181	6.3375	INV_SLV	Max			35.1381	181-1	6.3375
181	6.825	INV_SLV	Max			35.6115	181-1	6.825
181	7.3125	INV_SLV	Max			35.0158	181-1	7.3125
181	7.8	INV_SLV	Max			33.351	181-1	7.8
181	0.	INV_SLV	Min			-68.3089	181-1	0.
181	0.4875	INV_SLV	Min			-53.9366	181-1	0.4875
181	0.975	INV_SLV	Min			-40.6335	181-1	0.975
181	1.4625	INV_SLV	Min			-28.3996	181-1	1.4625
181	1.95	INV_SLV	Min			-17.2349	181-1	1.95
181	2.4375	INV_SLV	Min			-7.1393	181-1	2.4375
181	2.925	INV_SLV	Min			1.887	181-1	2.925
181	3.4125	INV_SLV	Min			9.8426	181-1	3.4125
181	3.9	INV_SLV	Min			10.2038	181-1	3.9
181	4.3875	INV_SLV	Min			3.9927	181-1	4.3875
181	4.875	INV_SLV	Min			-3.2887	181-1	4.875
181	5.3625	INV_SLV	Min			-11.6393	181-1	5.3625
181	5.85	INV_SLV	Min			-21.0592	181-1	5.85
181	6.3375	INV_SLV	Min			-31.5481	181-1	6.3375
181	6.825	INV_SLV	Min			-43.1063	181-1	6.825
181	7.3125	INV_SLV	Min			-55.7336	181-1	7.3125
181	7.8	INV_SLV	Min			-69.43	181-1	7.8
182	0.	INV_SLU	Max			-27.2264	182-1	0.
182	0.4875	INV_SLU	Max			-16.6898	182-1	0.4875
182	0.975	INV_SLU	Max			-7.5432	182-1	0.975
182	1.4625	INV_SLU	Max			0.2136	182-1	1.4625
182	1.95	INV_SLU	Max			6.5804	182-1	1.95
182	2.4375	INV_SLU	Max			11.5574	182-1	2.4375
182	2.925	INV_SLU	Max			15.1446	182-1	2.925
182	3.4125	INV_SLU	Max			17.3418	182-1	3.4125
182	3.9	INV_SLU	Max			18.1492	182-1	3.9
182	4.3875	INV_SLU	Max			17.669	182-1	4.3875
182	4.875	INV_SLU	Max			15.9993	182-1	4.875
182	5.3625	INV_SLU	Max			12.9397	182-1	5.3625
182	5.85	INV_SLU	Max			8.4902	182-1	5.85

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
182	6.3375	INV_SLU	Max			2.6508	182-1	6.3375
182	6.825	INV_SLU	Max			-4.5785	182-1	6.825
182	7.3125	INV_SLU	Max			-13.1976	182-1	7.3125
182	7.8	INV_SLU	Max			-23.2066	182-1	7.8
182	0.	INV_SLU	Min			-30.1222	182-1	0.
182	0.4875	INV_SLU	Min			-19.2931	182-1	0.4875
182	0.975	INV_SLU	Min			-9.8539	182-1	0.975
182	1.4625	INV_SLU	Min			-1.8046	182-1	1.4625
182	1.95	INV_SLU	Min			4.8548	182-1	1.95
182	2.4375	INV_SLU	Min			10.1243	182-1	2.4375
182	2.925	INV_SLU	Min			14.004	182-1	2.925
182	3.4125	INV_SLU	Min			16.4938	182-1	3.4125
182	3.9	INV_SLU	Min			17.5937	182-1	3.9
182	4.3875	INV_SLU	Min			17.3037	182-1	4.3875
182	4.875	INV_SLU	Min			15.369	182-1	4.875
182	5.3625	INV_SLU	Min			12.0007	182-1	5.3625
182	5.85	INV_SLU	Min			7.2425	182-1	5.85
182	6.3375	INV_SLU	Min			1.0944	182-1	6.3375
182	6.825	INV_SLU	Min			-6.4436	182-1	6.825
182	7.3125	INV_SLU	Min			-15.3714	182-1	7.3125
182	7.8	INV_SLU	Min			-25.6892	182-1	7.8
182	0.	INV_SLV	Max			13.0699	182-1	0.
182	0.4875	INV_SLV	Max			16.527	182-1	0.4875
182	0.975	INV_SLV	Max			18.915	182-1	0.975
182	1.4625	INV_SLV	Max			20.2338	182-1	1.4625
182	1.95	INV_SLV	Max			20.4836	182-1	1.95
182	2.4375	INV_SLV	Max			19.6642	182-1	2.4375
182	2.925	INV_SLV	Max			17.7758	182-1	2.925
182	3.4125	INV_SLV	Max			14.8193	182-1	3.4125
182	3.9	INV_SLV	Max			16.1594	182-1	3.9
182	4.3875	INV_SLV	Max			20.8928	182-1	4.3875
182	4.875	INV_SLV	Max			24.5577	182-1	4.875
182	5.3625	INV_SLV	Max			27.1535	182-1	5.3625
182	5.85	INV_SLV	Max			28.6803	182-1	5.85
182	6.3375	INV_SLV	Max			29.138	182-1	6.3375
182	6.825	INV_SLV	Max			28.5265	182-1	6.825
182	7.3125	INV_SLV	Max			26.8459	182-1	7.3125
182	7.8	INV_SLV	Max			24.0961	182-1	7.8

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
182	0.	INV_SLV	Min			-60.2049	182-1	0.
182	0.4875	INV_SLV	Min			-46.9176	182-1	0.4875
182	0.975	INV_SLV	Min			-34.6994	182-1	0.975
182	1.4625	INV_SLV	Min			-23.5504	182-1	1.4625
182	1.95	INV_SLV	Min			-13.4705	182-1	1.95
182	2.4375	INV_SLV	Min			-4.4598	182-1	2.4375
182	2.925	INV_SLV	Min			3.4816	182-1	2.925
182	3.4125	INV_SLV	Min			10.3529	182-1	3.4125
182	3.9	INV_SLV	Min			10.7893	182-1	3.9
182	4.3875	INV_SLV	Min			5.6942	182-1	4.3875
182	4.875	INV_SLV	Min			-0.4708	182-1	4.875
182	5.3625	INV_SLV	Min			-7.705	182-1	5.3625
182	5.85	INV_SLV	Min			-16.0083	182-1	5.85
182	6.3375	INV_SLV	Min			-25.3808	182-1	6.3375
182	6.825	INV_SLV	Min			-35.8225	182-1	6.825
182	7.3125	INV_SLV	Min			-47.3333	182-1	7.3125
182	7.8	INV_SLV	Min			-59.9133	182-1	7.8
183	0.	INV_SLU	Max			-26.3376	183-1	0.
183	0.4875	INV_SLU	Max			-15.8979	183-1	0.4875
183	0.975	INV_SLU	Max			-6.848	183-1	0.975
183	1.4625	INV_SLU	Max			0.812	183-1	1.4625
183	1.95	INV_SLU	Max			7.0821	183-1	1.95
183	2.4375	INV_SLU	Max			11.9623	183-1	2.4375
183	2.925	INV_SLU	Max			15.4527	183-1	2.925
183	3.4125	INV_SLU	Max			17.5532	183-1	3.4125
183	3.9	INV_SLU	Max			18.2638	183-1	3.9
183	4.3875	INV_SLU	Max			17.6512	183-1	4.3875
183	4.875	INV_SLU	Max			15.8893	183-1	4.875
183	5.3625	INV_SLU	Max			12.7375	183-1	5.3625
183	5.85	INV_SLU	Max			8.1959	183-1	5.85
183	6.3375	INV_SLU	Max			2.2644	183-1	6.3375
183	6.825	INV_SLU	Max			-5.057	183-1	6.825
183	7.3125	INV_SLU	Max			-13.7682	183-1	7.3125
183	7.8	INV_SLU	Max			-23.8694	183-1	7.8
183	0.	INV_SLU	Min			-29.5662	183-1	0.
183	0.4875	INV_SLU	Min			-18.7944	183-1	0.4875
183	0.975	INV_SLU	Min			-9.4125	183-1	0.975
183	1.4625	INV_SLU	Min			-1.4204	183-1	1.4625

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
183	1.95	INV_SLU	Min			5.1817	183-1	1.95
183	2.4375	INV_SLU	Min			10.394	183-1	2.4375
183	2.925	INV_SLU	Min			14.2164	183-1	2.925
183	3.4125	INV_SLU	Min			16.6489	183-1	3.4125
183	3.9	INV_SLU	Min			17.6916	183-1	3.9
183	4.3875	INV_SLU	Min			17.3444	183-1	4.3875
183	4.875	INV_SLU	Min			15.3461	183-1	4.875
183	5.3625	INV_SLU	Min			11.9019	183-1	5.3625
183	5.85	INV_SLU	Min			7.0679	183-1	5.85
183	6.3375	INV_SLU	Min			0.8439	183-1	6.3375
183	6.825	INV_SLU	Min			-6.7699	183-1	6.825
183	7.3125	INV_SLU	Min			-15.7736	183-1	7.3125
183	7.8	INV_SLU	Min			-26.1672	183-1	7.8
183	0.	INV_SLV	Max			5.597	183-1	0.
183	0.4875	INV_SLV	Max			10.0583	183-1	0.4875
183	0.975	INV_SLV	Max			13.4505	183-1	0.975
183	1.4625	INV_SLV	Max			15.7736	183-1	1.4625
183	1.95	INV_SLV	Max			17.0275	183-1	1.95
183	2.4375	INV_SLV	Max			17.2123	183-1	2.4375
183	2.925	INV_SLV	Max			16.3282	183-1	2.925
183	3.4125	INV_SLV	Max			14.3758	183-1	3.4125
183	3.9	INV_SLV	Max			15.7325	183-1	3.9
183	4.3875	INV_SLV	Max			19.3705	183-1	4.3875
183	4.875	INV_SLV	Max			21.94	183-1	4.875
183	5.3625	INV_SLV	Max			23.4404	183-1	5.3625
183	5.85	INV_SLV	Max			23.8718	183-1	5.85
183	6.3375	INV_SLV	Max			23.234	183-1	6.3375
183	6.825	INV_SLV	Max			21.5271	183-1	6.825
183	7.3125	INV_SLV	Max			18.751	183-1	7.3125
183	7.8	INV_SLV	Max			14.9059	183-1	7.8
183	0.	INV_SLV	Min			-51.8681	183-1	0.
183	0.4875	INV_SLV	Min			-39.6762	183-1	0.4875
183	0.975	INV_SLV	Min			-28.5535	183-1	0.975
183	1.4625	INV_SLV	Min			-18.4999	183-1	1.4625
183	1.95	INV_SLV	Min			-9.5154	183-1	1.95
183	2.4375	INV_SLV	Min			-1.6002	183-1	2.4375
183	2.925	INV_SLV	Min			5.2458	183-1	2.925
183	3.4125	INV_SLV	Min			11.0217	183-1	3.4125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
183	3.9	INV_SLV	Min			11.3503	183-1	3.9
183	4.3875	INV_SLV	Min			7.2593	183-1	4.3875
183	4.875	INV_SLV	Min			2.0985	183-1	4.875
183	5.3625	INV_SLV	Min			-4.1315	183-1	5.3625
183	5.85	INV_SLV	Min			-11.4307	183-1	5.85
183	6.3375	INV_SLV	Min			-19.799	183-1	6.3375
183	6.825	INV_SLV	Min			-29.2364	183-1	6.825
183	7.3125	INV_SLV	Min			-39.743	183-1	7.3125
183	7.8	INV_SLV	Min			-51.3188	183-1	7.8
184	0.	INV_SLU	Max			-9.3685	184-1	0.
184	0.4875	INV_SLU	Max			-0.3743	184-1	0.4875
184	0.975	INV_SLU	Max			7.23	184-1	0.975
184	1.4625	INV_SLU	Max			13.4445	184-1	1.4625
184	1.95	INV_SLU	Max			18.2691	184-1	1.95
184	2.4375	INV_SLU	Max			21.7038	184-1	2.4375
184	2.925	INV_SLU	Max			23.7486	184-1	2.925
184	3.4125	INV_SLU	Max			24.4036	184-1	3.4125
184	3.9	INV_SLU	Max			23.6687	184-1	3.9
184	4.3875	INV_SLU	Max			21.5438	184-1	4.3875
184	4.875	INV_SLU	Max			18.0292	184-1	4.875
184	5.3625	INV_SLU	Max			13.4476	184-1	5.3625
184	5.85	INV_SLU	Max			7.813	184-1	5.85
184	6.3375	INV_SLU	Max			0.7885	184-1	6.3375
184	6.825	INV_SLU	Max			-7.6259	184-1	6.825
184	7.3125	INV_SLU	Max			-17.4302	184-1	7.3125
184	7.8	INV_SLU	Max			-28.6243	184-1	7.8
184	0.	INV_SLU	Min			-16.4868	184-1	0.
184	0.4875	INV_SLU	Min			-6.8236	184-1	0.4875
184	0.975	INV_SLU	Min			1.4499	184-1	0.975
184	1.4625	INV_SLU	Min			8.3334	184-1	1.4625
184	1.95	INV_SLU	Min			13.827	184-1	1.95
184	2.4375	INV_SLU	Min			17.9308	184-1	2.4375
184	2.925	INV_SLU	Min			20.6447	184-1	2.925
184	3.4125	INV_SLU	Min			21.9687	184-1	3.4125
184	3.9	INV_SLU	Min			21.9029	184-1	3.9
184	4.3875	INV_SLU	Min			20.4471	184-1	4.3875
184	4.875	INV_SLU	Min			17.6015	184-1	4.875
184	5.3625	INV_SLU	Min			13.0756	184-1	5.3625

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
184	5.85	INV_SLU	Min			6.7868	184-1	5.85
184	6.3375	INV_SLU	Min			-0.892	184-1	6.3375
184	6.825	INV_SLU	Min			-9.9607	184-1	6.825
184	7.3125	INV_SLU	Min			-20.4192	184-1	7.3125
184	7.8	INV_SLU	Min			-32.2676	184-1	7.8
184	0.	INV_SLV	Max			0.5544	184-1	0.
184	0.4875	INV_SLV	Max			5.7875	184-1	0.4875
184	0.975	INV_SLV	Max			9.9541	184-1	0.975
184	1.4625	INV_SLV	Max			13.0566	184-1	1.4625
184	1.95	INV_SLV	Max			15.1017	184-1	1.95
184	2.4375	INV_SLV	Max			16.1143	184-1	2.4375
184	2.925	INV_SLV	Max			16.3727	184-1	2.925
184	3.4125	INV_SLV	Max			18.4026	184-1	3.4125
184	3.9	INV_SLV	Max			20.6909	184-1	3.9
184	4.3875	INV_SLV	Max			21.961	184-1	4.3875
184	4.875	INV_SLV	Max			22.1752	184-1	4.875
184	5.3625	INV_SLV	Max			21.3258	184-1	5.3625
184	5.85	INV_SLV	Max			19.41	184-1	5.85
184	6.3375	INV_SLV	Max			16.4266	184-1	6.3375
184	6.825	INV_SLV	Max			12.3751	184-1	6.825
184	7.3125	INV_SLV	Max			7.2551	184-1	7.3125
184	7.8	INV_SLV	Max			1.0665	184-1	7.8
184	0.	INV_SLV	Min			-28.2859	184-1	0.
184	0.4875	INV_SLV	Min			-18.441	184-1	0.4875
184	0.975	INV_SLV	Min			-9.6678	184-1	0.975
184	1.4625	INV_SLV	Min			-1.9689	184-1	1.4625
184	1.95	INV_SLV	Min			4.6492	184-1	1.95
184	2.4375	INV_SLV	Min			10.1614	184-1	2.4375
184	2.925	INV_SLV	Min			14.2897	184-1	2.925
184	3.4125	INV_SLV	Min			14.5082	184-1	3.4125
184	3.9	INV_SLV	Min			12.3299	184-1	3.9
184	4.3875	INV_SLV	Min			9.0316	184-1	4.3875
184	4.875	INV_SLV	Min			4.6509	184-1	4.875
184	5.3625	INV_SLV	Min			-0.8044	184-1	5.3625
184	5.85	INV_SLV	Min			-7.3317	184-1	5.85
184	6.3375	INV_SLV	Min			-14.9296	184-1	6.3375
184	6.825	INV_SLV	Min			-23.5977	184-1	6.825
184	7.3125	INV_SLV	Min			-33.3356	184-1	7.3125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
184	7.8	INV_SLV	Min			-44.143	184-1	7.8
185	0.	INV_SLU	Max			-9.8284	185-1	0.
185	0.4875	INV_SLU	Max			-0.8192	185-1	0.4875
185	0.975	INV_SLU	Max			6.8	185-1	0.975
185	1.4625	INV_SLU	Max			13.0293	185-1	1.4625
185	1.95	INV_SLU	Max			17.8688	185-1	1.95
185	2.4375	INV_SLU	Max			21.3184	185-1	2.4375
185	2.925	INV_SLU	Max			23.3782	185-1	2.925
185	3.4125	INV_SLU	Max			24.048	185-1	3.4125
185	3.9	INV_SLU	Max			23.328	185-1	3.9
185	4.3875	INV_SLU	Max			21.218	185-1	4.3875
185	4.875	INV_SLU	Max			17.7316	185-1	4.875
185	5.3625	INV_SLU	Max			13.2104	185-1	5.3625
185	5.85	INV_SLU	Max			7.5956	185-1	5.85
185	6.3375	INV_SLU	Max			0.5908	185-1	6.3375
185	6.825	INV_SLU	Max			-7.8038	185-1	6.825
185	7.3125	INV_SLU	Max			-17.5883	185-1	7.3125
185	7.8	INV_SLU	Max			-28.7627	185-1	7.8
185	0.	INV_SLU	Min			-16.758	185-1	0.
185	0.4875	INV_SLU	Min			-7.0842	185-1	0.4875
185	0.975	INV_SLU	Min			1.1997	185-1	0.975
185	1.4625	INV_SLU	Min			8.0938	185-1	1.4625
185	1.95	INV_SLU	Min			13.5979	185-1	1.95
185	2.4375	INV_SLU	Min			17.7122	185-1	2.4375
185	2.925	INV_SLU	Min			20.4366	185-1	2.925
185	3.4125	INV_SLU	Min			21.7711	185-1	3.4125
185	3.9	INV_SLU	Min			21.7158	185-1	3.9
185	4.3875	INV_SLU	Min			20.2705	185-1	4.3875
185	4.875	INV_SLU	Min			17.4132	185-1	4.875
185	5.3625	INV_SLU	Min			12.8286	185-1	5.3625
185	5.85	INV_SLU	Min			6.549	185-1	5.85
185	6.3375	INV_SLU	Min			-1.1204	185-1	6.3375
185	6.825	INV_SLU	Min			-10.1797	185-1	6.825
185	7.3125	INV_SLU	Min			-20.6289	185-1	7.3125
185	7.8	INV_SLU	Min			-32.4679	185-1	7.8
185	0.	INV_SLV	Max			-1.6802	185-1	0.
185	0.4875	INV_SLV	Max			3.7788	185-1	0.4875
185	0.975	INV_SLV	Max			8.1687	185-1	0.975

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
185	1.4625	INV_SLV	Max			11.4895	185-1	1.4625
185	1.95	INV_SLV	Max			13.7414	185-1	1.95
185	2.4375	INV_SLV	Max			14.9251	185-1	2.4375
185	2.925	INV_SLV	Max			15.3846	185-1	2.925
185	3.4125	INV_SLV	Max			18.5679	185-1	3.4125
185	3.9	INV_SLV	Max			20.7048	185-1	3.9
185	4.3875	INV_SLV	Max			21.7733	185-1	4.3875
185	4.875	INV_SLV	Max			21.7728	185-1	4.875
185	5.3625	INV_SLV	Max			20.7032	185-1	5.3625
185	5.85	INV_SLV	Max			18.5645	185-1	5.85
185	6.3375	INV_SLV	Max			15.3568	185-1	6.3375
185	6.825	INV_SLV	Max			11.0799	185-1	6.825
185	7.3125	INV_SLV	Max			5.7338	185-1	7.3125
185	7.8	INV_SLV	Max			-0.6813	185-1	7.8
185	0.	INV_SLV	Min			-26.3363	185-1	0.
185	0.4875	INV_SLV	Min			-16.7144	185-1	0.4875
185	0.975	INV_SLV	Min			-8.1618	185-1	0.975
185	1.4625	INV_SLV	Min			-0.6783	185-1	1.4625
185	1.95	INV_SLV	Min			5.7358	185-1	1.95
185	2.4375	INV_SLV	Min			11.0798	185-1	2.4375
185	2.925	INV_SLV	Min			15.0098	185-1	2.925
185	3.4125	INV_SLV	Min			14.0777	185-1	3.4125
185	3.9	INV_SLV	Min			12.0537	185-1	3.9
185	4.3875	INV_SLV	Min			8.9598	185-1	4.3875
185	4.875	INV_SLV	Min			4.7967	185-1	4.875
185	5.3625	INV_SLV	Min			-0.4357	185-1	5.3625
185	5.85	INV_SLV	Min			-6.7372	185-1	5.85
185	6.3375	INV_SLV	Min			-14.1079	185-1	6.3375
185	6.825	INV_SLV	Min			-22.5477	185-1	6.825
185	7.3125	INV_SLV	Min			-32.0567	185-1	7.3125
185	7.8	INV_SLV	Min			-42.6348	185-1	7.8
186	0.	INV_SLU	Max			-63.3515	186-1	0.
186	0.49231	INV_SLU	Max			-10.0389	186-1	0.49231
186	0.98462	INV_SLU	Max			51.0845	186-1	0.98462
186	1.47692	INV_SLU	Max			99.732	186-1	1.47692
186	1.96923	INV_SLU	Max			133.2089	186-1	1.96923
186	2.46154	INV_SLU	Max			151.5153	186-1	2.46154
186	2.95385	INV_SLU	Max			154.6511	186-1	2.95385

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
186	3.44615	INV_SLU	Max			142.6164	186-1	3.44615
186	3.93846	INV_SLU	Max			115.4112	186-1	3.93846
186	4.43077	INV_SLU	Max			73.0354	186-1	4.43077
186	4.92308	INV_SLU	Max			15.4891	186-1	4.92308
186	5.41538	INV_SLU	Max			-38.3574	186-1	5.41538
186	5.90769	INV_SLU	Max			-97.1618	186-1	5.90769
186	6.4	INV_SLU	Max			-166.161	186-1	6.4
186	0.	INV_SLU	Min			-92.9519	186-1	0.
186	0.49231	INV_SLU	Min			-13.8523	186-1	0.49231
186	0.98462	INV_SLU	Min			31.386	186-1	0.98462
186	1.47692	INV_SLU	Min			64.4675	186-1	1.47692
186	1.96923	INV_SLU	Min			87.341	186-1	1.96923
186	2.46154	INV_SLU	Min			100.0064	186-1	2.46154
186	2.95385	INV_SLU	Min			102.4637	186-1	2.95385
186	3.44615	INV_SLU	Min			94.713	186-1	3.44615
186	3.93846	INV_SLU	Min			76.7542	186-1	3.93846
186	4.43077	INV_SLU	Min			48.5873	186-1	4.43077
186	4.92308	INV_SLU	Min			10.2124	186-1	4.92308
186	5.41538	INV_SLU	Min			-57.2356	186-1	5.41538
186	5.90769	INV_SLU	Min			-145.1151	186-1	5.90769
186	6.4	INV_SLU	Min			-248.173	186-1	6.4
186	0.	INV_SLV	Max			-28.1025	186-1	0.
186	0.49231	INV_SLV	Max			6.1577	186-1	0.49231
186	0.98462	INV_SLV	Max			33.4672	186-1	0.98462
186	1.47692	INV_SLV	Max			53.8259	186-1	1.47692
186	1.96923	INV_SLV	Max			67.2339	186-1	1.96923
186	2.46154	INV_SLV	Max			73.6911	186-1	2.46154
186	2.95385	INV_SLV	Max			73.1976	186-1	2.95385
186	3.44615	INV_SLV	Max			65.7538	186-1	3.44615
186	3.93846	INV_SLV	Max			53.9182	186-1	3.93846
186	4.43077	INV_SLV	Max			36.6037	186-1	4.43077
186	4.92308	INV_SLV	Max			12.3386	186-1	4.92308
186	5.41538	INV_SLV	Max			-18.8772	186-1	5.41538
186	5.90769	INV_SLV	Max			-57.0438	186-1	5.90769
186	6.4	INV_SLV	Max			-102.1611	186-1	6.4
186	0.	INV_SLV	Min			-57.7952	186-1	0.
186	0.49231	INV_SLV	Min			-19.5035	186-1	0.49231
186	0.98462	INV_SLV	Min			11.8376	186-1	0.98462

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
186	1.47692	INV_SLV	Min			36.2278	186-1	1.47692
186	1.96923	INV_SLV	Min			53.6673	186-1	1.96923
186	2.46154	INV_SLV	Min			64.1561	186-1	2.46154
186	2.95385	INV_SLV	Min			67.694	186-1	2.95385
186	3.44615	INV_SLV	Min			64.2807	186-1	3.44615
186	3.93846	INV_SLV	Min			51.3577	186-1	3.93846
186	4.43077	INV_SLV	Min			30.0121	186-1	4.43077
186	4.92308	INV_SLV	Min			1.7155	186-1	4.92308
186	5.41538	INV_SLV	Min			-33.5318	186-1	5.41538
186	5.90769	INV_SLV	Min			-75.7299	186-1	5.90769
186	6.4	INV_SLV	Min			-124.8788	186-1	6.4
187	0.	INV_SLU	Max			-157.645	187-1	0.
187	0.49231	INV_SLU	Max			-94.9841	187-1	0.49231
187	0.98462	INV_SLU	Max			-42.5314	187-1	0.98462
187	1.47692	INV_SLU	Max			-0.2868	187-1	1.47692
187	1.96923	INV_SLU	Max			46.4483	187-1	1.96923
187	2.46154	INV_SLU	Max			79.0195	187-1	2.46154
187	2.95385	INV_SLU	Max			96.4202	187-1	2.95385
187	3.44615	INV_SLU	Max			98.6504	187-1	3.44615
187	3.93846	INV_SLU	Max			85.71	187-1	3.93846
187	4.43077	INV_SLU	Max			57.6496	187-1	4.43077
187	4.92308	INV_SLU	Max			14.4323	187-1	4.92308
187	5.41538	INV_SLU	Max			-29.522	187-1	5.41538
187	5.90769	INV_SLU	Max			-79.0429	187-1	5.90769
187	6.4	INV_SLU	Max			-138.772	187-1	6.4
187	0.	INV_SLU	Min			-236.0697	187-1	0.
187	0.49231	INV_SLU	Min			-142.7521	187-1	0.49231
187	0.98462	INV_SLU	Min			-64.605	187-1	0.98462
187	1.47692	INV_SLU	Min			-1.6285	187-1	1.47692
187	1.96923	INV_SLU	Min			31.2986	187-1	1.96923
187	2.46154	INV_SLU	Min			53.2342	187-1	2.46154
187	2.95385	INV_SLU	Min			64.9617	187-1	2.95385
187	3.44615	INV_SLU	Min			66.4811	187-1	3.44615
187	3.93846	INV_SLU	Min			57.7924	187-1	3.93846
187	4.43077	INV_SLU	Min			38.8117	187-1	4.43077
187	4.92308	INV_SLU	Min			9.5998	187-1	4.92308
187	5.41538	INV_SLU	Min			-44.1343	187-1	5.41538
187	5.90769	INV_SLU	Min			-117.7568	187-1	5.90769

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
187	6.4	INV_SLU	Min			-206.5498	187-1	6.4
187	0.	INV_SLV	Max			-98.8984	187-1	0.
187	0.49231	INV_SLV	Max			-57.5959	187-1	0.49231
187	0.98462	INV_SLV	Max			-23.2441	187-1	0.98462
187	1.47692	INV_SLV	Max			4.157	187-1	1.47692
187	1.96923	INV_SLV	Max			24.6073	187-1	1.96923
187	2.46154	INV_SLV	Max			38.1068	187-1	2.46154
187	2.95385	INV_SLV	Max			44.6557	187-1	2.95385
187	3.44615	INV_SLV	Max			46.2553	187-1	3.44615
187	3.93846	INV_SLV	Max			41.7436	187-1	3.93846
187	4.43077	INV_SLV	Max			30.2812	187-1	4.43077
187	4.92308	INV_SLV	Max			11.868	187-1	4.92308
187	5.41538	INV_SLV	Max			-13.4959	187-1	5.41538
187	5.90769	INV_SLV	Max			-45.8106	187-1	5.90769
187	6.4	INV_SLV	Max			-85.0761	187-1	6.4
187	0.	INV_SLV	Min			-116.7844	187-1	0.
187	0.49231	INV_SLV	Min			-72.6408	187-1	0.49231
187	0.98462	INV_SLV	Min			-35.4479	187-1	0.98462
187	1.47692	INV_SLV	Min			-5.2057	187-1	1.47692
187	1.96923	INV_SLV	Min			18.0856	187-1	1.96923
187	2.46154	INV_SLV	Min			34.4262	187-1	2.46154
187	2.95385	INV_SLV	Min			43.8159	187-1	2.95385
187	3.44615	INV_SLV	Min			44.2534	187-1	3.44615
187	3.93846	INV_SLV	Min			36.9007	187-1	3.93846
187	4.43077	INV_SLV	Min			22.5972	187-1	4.43077
187	4.92308	INV_SLV	Min			1.3429	187-1	4.92308
187	5.41538	INV_SLV	Min			-26.8621	187-1	5.41538
187	5.90769	INV_SLV	Min			-62.0179	187-1	5.90769
187	6.4	INV_SLV	Min			-104.1245	187-1	6.4
188	0.	INV_SLU	Max			-141.9529	188-1	0.
188	0.49231	INV_SLU	Max			-80.8562	188-1	0.49231
188	0.98462	INV_SLU	Max			-29.9675	188-1	0.98462
188	1.47692	INV_SLU	Max			16.0536	188-1	1.47692
188	1.96923	INV_SLU	Max			61.3308	188-1	1.96923
188	2.46154	INV_SLU	Max			91.4374	188-1	2.46154
188	2.95385	INV_SLU	Max			106.383	188-1	2.95385
188	3.44615	INV_SLU	Max			106.1757	188-1	3.44615
188	3.93846	INV_SLU	Max			90.7978	188-1	3.93846

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
188	4.43077	INV_SLU	Max			60.2494	188-1	4.43077
188	4.92308	INV_SLU	Max			14.5304	188-1	4.92308
188	5.41538	INV_SLU	Max			-31.0909	188-1	5.41538
188	5.90769	INV_SLU	Max			-82.2378	188-1	5.90769
188	6.4	INV_SLU	Max			-143.5928	188-1	6.4
188	0.	INV_SLU	Min			-210.9541	188-1	0.
188	0.49231	INV_SLU	Min			-120.1382	188-1	0.49231
188	0.98462	INV_SLU	Min			-44.4929	188-1	0.98462
188	1.47692	INV_SLU	Min			10.5937	188-1	1.47692
188	1.96923	INV_SLU	Min			41.1114	188-1	1.96923
188	2.46154	INV_SLU	Min			61.421	188-1	2.46154
188	2.95385	INV_SLU	Min			71.5066	188-1	2.95385
188	3.44615	INV_SLU	Min			71.3549	188-1	3.44615
188	3.93846	INV_SLU	Min			60.9952	188-1	3.93846
188	4.43077	INV_SLU	Min			40.4273	188-1	4.43077
188	4.92308	INV_SLU	Min			9.6514	188-1	4.92308
188	5.41538	INV_SLU	Min			-46.504	188-1	5.41538
188	5.90769	INV_SLU	Min			-122.5912	188-1	5.90769
188	6.4	INV_SLU	Min			-213.8488	188-1	6.4
188	0.	INV_SLV	Max			-86.8139	188-1	0.
188	0.49231	INV_SLV	Max			-46.7153	188-1	0.49231
188	0.98462	INV_SLV	Max			-13.5675	188-1	0.98462
188	1.47692	INV_SLV	Max			12.6295	188-1	1.47692
188	1.96923	INV_SLV	Max			31.8758	188-1	1.96923
188	2.46154	INV_SLV	Max			44.1713	188-1	2.46154
188	2.95385	INV_SLV	Max			49.516	188-1	2.95385
188	3.44615	INV_SLV	Max			49.3291	188-1	3.44615
188	3.93846	INV_SLV	Max			43.8032	188-1	3.93846
188	4.43077	INV_SLV	Max			31.3266	188-1	4.43077
188	4.92308	INV_SLV	Max			11.8992	188-1	4.92308
188	5.41538	INV_SLV	Max			-14.479	188-1	5.41538
188	5.90769	INV_SLV	Max			-47.8079	188-1	5.90769
188	6.4	INV_SLV	Max			-88.0876	188-1	6.4
188	0.	INV_SLV	Min			-106.611	188-1	0.
188	0.49231	INV_SLV	Min			-63.4816	188-1	0.49231
188	0.98462	INV_SLV	Min			-27.3029	188-1	0.98462
188	1.47692	INV_SLV	Min			1.925	188-1	1.47692
188	1.96923	INV_SLV	Min			24.2022	188-1	1.96923

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
188	2.46154	INV_SLV	Min			39.5286	188-1	2.46154
188	2.95385	INV_SLV	Min			47.9042	188-1	2.95385
188	3.44615	INV_SLV	Min			47.91	188-1	3.44615
188	3.93846	INV_SLV	Min			39.3532	188-1	3.93846
188	4.43077	INV_SLV	Min			23.8457	188-1	4.43077
188	4.92308	INV_SLV	Min			1.3874	188-1	4.92308
188	5.41538	INV_SLV	Min			-28.0216	188-1	5.41538
188	5.90769	INV_SLV	Min			-64.3814	188-1	5.90769
188	6.4	INV_SLV	Min			-107.692	188-1	6.4
189	0.	INV_SLU	Max			-144.7879	189-1	0.
189	0.49231	INV_SLU	Max			-83.4053	189-1	0.49231
189	0.98462	INV_SLU	Max			-32.2307	189-1	0.98462
189	1.47692	INV_SLU	Max			12.878	189-1	1.47692
189	1.96923	INV_SLU	Max			58.612	189-1	1.96923
189	2.46154	INV_SLU	Max			89.1755	189-1	2.46154
189	2.95385	INV_SLU	Max			104.5684	189-1	2.95385
189	3.44615	INV_SLU	Max			104.8036	189-1	3.44615
189	3.93846	INV_SLU	Max			89.8901	189-1	3.93846
189	4.43077	INV_SLU	Max			59.8061	189-1	4.43077
189	4.92308	INV_SLU	Max			14.5515	189-1	4.92308
189	5.41538	INV_SLU	Max			-30.7705	189-1	5.41538
189	5.90769	INV_SLU	Max			-81.6189	189-1	5.90769
189	6.4	INV_SLU	Max			-142.6754	189-1	6.4
189	0.	INV_SLU	Min			-215.5771	189-1	0.
189	0.49231	INV_SLU	Min			-124.2968	189-1	0.49231
189	0.98462	INV_SLU	Min			-48.1871	189-1	0.98462
189	1.47692	INV_SLU	Min			8.5259	189-1	1.47692
189	1.96923	INV_SLU	Min			39.3421	189-1	1.96923
189	2.46154	INV_SLU	Min			59.9503	189-1	2.46154
189	2.95385	INV_SLU	Min			70.3503	189-1	2.95385
189	3.44615	INV_SLU	Min			70.5211	189-1	3.44615
189	3.93846	INV_SLU	Min			60.4472	189-1	3.93846
189	4.43077	INV_SLU	Min			40.1653	189-1	4.43077
189	4.92308	INV_SLU	Min			9.6753	189-1	4.92308
189	5.41538	INV_SLU	Min			-46.0249	189-1	5.41538
189	5.90769	INV_SLU	Min			-121.6552	189-1	5.90769
189	6.4	INV_SLU	Min			-212.456	189-1	6.4
189	0.	INV_SLV	Max			-88.9997	189-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
189	0.49231	INV_SLV	Max			-48.682	189-1	0.49231
189	0.98462	INV_SLV	Max			-15.315	189-1	0.98462
189	1.47692	INV_SLV	Max			11.1011	189-1	1.47692
189	1.96923	INV_SLV	Max			30.5666	189-1	1.96923
189	2.46154	INV_SLV	Max			43.0812	189-1	2.46154
189	2.95385	INV_SLV	Max			48.6451	189-1	2.95385
189	3.44615	INV_SLV	Max			48.7898	189-1	3.44615
189	3.93846	INV_SLV	Max			43.4532	189-1	3.93846
189	4.43077	INV_SLV	Max			31.1659	189-1	4.43077
189	4.92308	INV_SLV	Max			11.9278	189-1	4.92308
189	5.41538	INV_SLV	Max			-14.2611	189-1	5.41538
189	5.90769	INV_SLV	Max			-47.4007	189-1	5.90769
189	6.4	INV_SLV	Max			-87.4911	189-1	6.4
189	0.	INV_SLV	Min			-108.4754	189-1	0.
189	0.49231	INV_SLV	Min			-65.1567	189-1	0.49231
189	0.98462	INV_SLV	Min			-28.7887	189-1	0.98462
189	1.47692	INV_SLV	Min			0.6285	189-1	1.47692
189	1.96923	INV_SLV	Min			23.095	189-1	1.96923
189	2.46154	INV_SLV	Min			38.6107	189-1	2.46154
189	2.95385	INV_SLV	Min			47.1756	189-1	2.95385
189	3.44615	INV_SLV	Min			47.2583	189-1	3.44615
189	3.93846	INV_SLV	Min			38.9206	189-1	3.93846
189	4.43077	INV_SLV	Min			23.6323	189-1	4.43077
189	4.92308	INV_SLV	Min			1.3931	189-1	4.92308
189	5.41538	INV_SLV	Min			-27.7968	189-1	5.41538
189	5.90769	INV_SLV	Min			-63.9374	189-1	5.90769
189	6.4	INV_SLV	Min			-107.0288	189-1	6.4
190	0.	INV_SLU	Max			-144.2324	190-1	0.
190	0.49231	INV_SLU	Max			-82.9042	190-1	0.49231
190	0.98462	INV_SLU	Max			-31.784	190-1	0.98462
190	1.47692	INV_SLU	Max			13.5105	190-1	1.47692
190	1.96923	INV_SLU	Max			59.1587	190-1	1.96923
190	2.46154	INV_SLU	Max			89.6363	190-1	2.46154
190	2.95385	INV_SLU	Max			104.9434	190-1	2.95385
190	3.44615	INV_SLU	Max			105.0966	190-1	3.44615
190	3.93846	INV_SLU	Max			90.0956	190-1	3.93846
190	4.43077	INV_SLU	Max			59.9241	190-1	4.43077
190	4.92308	INV_SLU	Max			14.582	190-1	4.92308

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
190	5.41538	INV_SLU	Max			-30.8183	190-1	5.41538
190	5.90769	INV_SLU	Max			-81.7239	190-1	5.90769
190	6.4	INV_SLU	Max			-142.8376	190-1	6.4
190	0.	INV_SLU	Min			-214.6714	190-1	0.
190	0.49231	INV_SLU	Min			-123.4787	190-1	0.49231
190	0.98462	INV_SLU	Min			-47.4565	190-1	0.98462
190	1.47692	INV_SLU	Min			8.936	190-1	1.47692
190	1.96923	INV_SLU	Min			39.695	190-1	1.96923
190	2.46154	INV_SLU	Min			60.2459	190-1	2.46154
190	2.95385	INV_SLU	Min			70.5887	190-1	2.95385
190	3.44615	INV_SLU	Min			70.6958	190-1	3.44615
190	3.93846	INV_SLU	Min			60.5675	190-1	3.93846
190	4.43077	INV_SLU	Min			40.2312	190-1	4.43077
190	4.92308	INV_SLU	Min			9.6868	190-1	4.92308
190	5.41538	INV_SLU	Min			-46.079	190-1	5.41538
190	5.90769	INV_SLU	Min			-121.7951	190-1	5.90769
190	6.4	INV_SLU	Min			-212.6817	190-1	6.4
190	0.	INV_SLV	Max			-88.5376	190-1	0.
190	0.49231	INV_SLV	Max			-48.2654	190-1	0.49231
190	0.98462	INV_SLV	Max			-14.9438	190-1	0.98462
190	1.47692	INV_SLV	Max			11.4269	190-1	1.47692
190	1.96923	INV_SLV	Max			30.8469	190-1	1.96923
190	2.46154	INV_SLV	Max			43.3161	190-1	2.46154
190	2.95385	INV_SLV	Max			48.8346	190-1	2.95385
190	3.44615	INV_SLV	Max			48.8938	190-1	3.44615
190	3.93846	INV_SLV	Max			43.5238	190-1	3.93846
190	4.43077	INV_SLV	Max			31.2031	190-1	4.43077
190	4.92308	INV_SLV	Max			11.9316	190-1	4.92308
190	5.41538	INV_SLV	Max			-14.2907	190-1	5.41538
190	5.90769	INV_SLV	Max			-47.4637	190-1	5.90769
190	6.4	INV_SLV	Max			-87.5874	190-1	6.4
190	0.	INV_SLV	Min			-108.1378	190-1	0.
190	0.49231	INV_SLV	Min			-64.8525	190-1	0.49231
190	0.98462	INV_SLV	Min			-28.5179	190-1	0.98462
190	1.47692	INV_SLV	Min			0.866	190-1	1.47692
190	1.96923	INV_SLV	Min			23.2991	190-1	1.96923
190	2.46154	INV_SLV	Min			38.7814	190-1	2.46154
190	2.95385	INV_SLV	Min			47.3129	190-1	2.95385

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
190	3.44615	INV_SLV	Min			47.4023	190-1	3.44615
190	3.93846	INV_SLV	Min			39.0192	190-1	3.93846
190	4.43077	INV_SLV	Min			23.6854	190-1	4.43077
190	4.92308	INV_SLV	Min			1.4009	190-1	4.92308
190	5.41538	INV_SLV	Min			-27.8345	190-1	5.41538
190	5.90769	INV_SLV	Min			-64.0205	190-1	5.90769
190	6.4	INV_SLV	Min			-107.1574	190-1	6.4
191	0.	INV_SLU	Max			22.7466	191-1	0.
191	1.75	INV_SLU	Max			-3.3174	191-1	1.75
191	3.5	INV_SLU	Max			-24.925	191-1	3.5
191	0.	INV_SLU	Min			18.2901	191-1	0.
191	1.75	INV_SLU	Min			-6.0693	191-1	1.75
191	3.5	INV_SLU	Min			-27.8083	191-1	3.5
191	0.	INV_SLV	Max			37.4414	191-1	0.
191	1.75	INV_SLV	Max			1.3331	191-1	1.75
191	3.5	INV_SLV	Max			11.4091	191-1	3.5
191	0.	INV_SLV	Min			-9.4289	191-1	0.
191	1.75	INV_SLV	Min			-6.3161	191-1	1.75
191	3.5	INV_SLV	Min			-49.3876	191-1	3.5
192	0.	INV_SLU	Max			23.0765	192-1	0.
192	1.75	INV_SLU	Max			-3.2396	192-1	1.75
192	3.5	INV_SLU	Max			-25.0306	192-1	3.5
192	0.	INV_SLU	Min			18.5514	192-1	0.
192	1.75	INV_SLU	Min			-6.1154	192-1	1.75
192	3.5	INV_SLU	Min			-28.1392	192-1	3.5
192	0.	INV_SLV	Max			42.8076	192-1	0.
192	1.75	INV_SLV	Max			2.9657	192-1	1.75
192	3.5	INV_SLV	Max			19.2001	192-1	3.5
192	0.	INV_SLV	Min			-14.4231	192-1	0.
192	1.75	INV_SLV	Min			-7.8778	192-1	1.75
192	3.5	INV_SLV	Min			-57.4088	192-1	3.5
193	0.	INV_SLU	Max			23.2544	193-1	0.
193	1.75	INV_SLU	Max			-3.1581	193-1	1.75
193	3.5	INV_SLU	Max			-24.9529	193-1	3.5
193	0.	INV_SLU	Min			18.6367	193-1	0.
193	1.75	INV_SLU	Min			-6.1401	193-1	1.75
193	3.5	INV_SLU	Min			-28.3317	193-1	3.5
193	0.	INV_SLV	Max			48.9708	193-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
193	1.75	INV_SLV	Max			4.7021	193-1	1.75
193	3.5	INV_SLV	Max			28.2036	193-1	3.5
193	0.	INV_SLV	Min			-20.4753	193-1	0.
193	1.75	INV_SLV	Min			-9.5296	193-1	1.75
193	3.5	INV_SLV	Min			-66.3541	193-1	3.5
194	0.	INV_SLU	Max			23.4393	194-1	0.
194	1.75	INV_SLU	Max			-2.8332	194-1	1.75
194	3.5	INV_SLU	Max			-20.538	194-1	3.5
194	0.	INV_SLU	Min			14.8715	194-1	0.
194	1.75	INV_SLU	Min			-5.3662	194-1	1.75
194	3.5	INV_SLU	Min			-28.6592	194-1	3.5
194	0.	INV_SLV	Max			76.2961	194-1	0.
194	1.75	INV_SLV	Max			4.4394	194-1	1.75
194	3.5	INV_SLV	Max			62.5415	194-1	3.5
194	0.	INV_SLV	Min			-55.0213	194-1	0.
194	1.75	INV_SLV	Min			-8.5302	194-1	1.75
194	3.5	INV_SLV	Min			-91.998	194-1	3.5
195	0.	INV_SLU	Max			-25.0307	195-1	0.
195	0.4875	INV_SLU	Max			-14.7683	195-1	0.4875
195	0.975	INV_SLU	Max			-5.8957	195-1	0.975
195	1.4625	INV_SLU	Max			1.587	195-1	1.4625
195	1.95	INV_SLU	Max			7.6798	195-1	1.95
195	2.4375	INV_SLU	Max			12.3827	195-1	2.4375
195	2.925	INV_SLU	Max			15.6958	195-1	2.925
195	3.4125	INV_SLU	Max			17.619	195-1	3.4125
195	3.9	INV_SLU	Max			18.1523	195-1	3.9
195	4.3875	INV_SLU	Max			17.3408	195-1	4.3875
195	4.875	INV_SLU	Max			15.3823	195-1	4.875
195	5.3625	INV_SLU	Max			12.1514	195-1	5.3625
195	5.85	INV_SLU	Max			7.546	195-1	5.85
195	6.3375	INV_SLU	Max			1.5507	195-1	6.3375
195	6.825	INV_SLU	Max			-5.8344	195-1	6.825
195	7.3125	INV_SLU	Max			-14.6095	195-1	7.3125
195	7.8	INV_SLU	Max			-24.7744	195-1	7.8
195	0.	INV_SLU	Min			-28.9212	195-1	0.
195	0.4875	INV_SLU	Min			-18.2379	195-1	0.4875
195	0.975	INV_SLU	Min			-8.9445	195-1	0.975
195	1.4625	INV_SLU	Min			-1.041	195-1	1.4625

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
195	1.95	INV_SLU	Min			5.4726	195-1	1.95
195	2.4375	INV_SLU	Min			10.5964	195-1	2.4375
195	2.925	INV_SLU	Min			14.3302	195-1	2.925
195	3.4125	INV_SLU	Min			16.6742	195-1	3.4125
195	3.9	INV_SLU	Min			17.6283	195-1	3.9
195	4.3875	INV_SLU	Min			17.1926	195-1	4.3875
195	4.875	INV_SLU	Min			15.04	195-1	4.875
195	5.3625	INV_SLU	Min			11.4129	195-1	5.3625
195	5.85	INV_SLU	Min			6.3867	195-1	5.85
195	6.3375	INV_SLU	Min			-0.0294	195-1	6.3375
195	6.825	INV_SLU	Min			-7.8353	195-1	6.825
195	7.3125	INV_SLU	Min			-17.0312	195-1	7.3125
195	7.8	INV_SLU	Min			-27.6169	195-1	7.8
195	0.	INV_SLV	Max			3.8717	195-1	0.
195	0.4875	INV_SLV	Max			8.5629	195-1	0.4875
195	0.975	INV_SLV	Max			12.1849	195-1	0.975
195	1.4625	INV_SLV	Max			14.7378	195-1	1.4625
195	1.95	INV_SLV	Max			16.2216	195-1	1.95
195	2.4375	INV_SLV	Max			16.6362	195-1	2.4375
195	2.925	INV_SLV	Max			15.9818	195-1	2.925
195	3.4125	INV_SLV	Max			14.259	195-1	3.4125
195	3.9	INV_SLV	Max			15.5163	195-1	3.9
195	4.3875	INV_SLV	Max			18.7683	195-1	4.3875
195	4.875	INV_SLV	Max			20.9516	195-1	4.875
195	5.3625	INV_SLV	Max			22.0659	195-1	5.3625
195	5.85	INV_SLV	Max			22.111	195-1	5.85
195	6.3375	INV_SLV	Max			21.087	195-1	6.3375
195	6.825	INV_SLV	Max			18.9939	195-1	6.825
195	7.3125	INV_SLV	Max			15.8316	195-1	7.3125
195	7.8	INV_SLV	Max			11.6002	195-1	7.8
195	0.	INV_SLV	Min			-48.9941	195-1	0.
195	0.4875	INV_SLV	Min			-37.1885	195-1	0.4875
195	0.975	INV_SLV	Min			-26.452	195-1	0.975
195	1.4625	INV_SLV	Min			-16.7846	195-1	1.4625
195	1.95	INV_SLV	Min			-8.1864	195-1	1.95
195	2.4375	INV_SLV	Min			-0.6573	195-1	2.4375
195	2.925	INV_SLV	Min			5.8025	195-1	2.925
195	3.4125	INV_SLV	Min			11.1925	195-1	3.4125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
195	3.9	INV_SLV	Min			11.4641	195-1	3.9
195	4.3875	INV_SLV	Min			7.6027	195-1	4.3875
195	4.875	INV_SLV	Min			2.6718	195-1	4.875
195	5.3625	INV_SLV	Min			-3.3284	195-1	5.3625
195	5.85	INV_SLV	Min			-10.3977	195-1	5.85
195	6.3375	INV_SLV	Min			-18.5362	195-1	6.3375
195	6.825	INV_SLV	Min			-27.7438	195-1	6.825
195	7.3125	INV_SLV	Min			-38.0206	195-1	7.3125
195	7.8	INV_SLV	Min			-49.3665	195-1	7.8
196	0.	INV_SLU	Max			-24.8153	196-1	0.
196	0.4875	INV_SLU	Max			-14.5992	196-1	0.4875
196	0.975	INV_SLU	Max			-5.7729	196-1	0.975
196	1.4625	INV_SLU	Max			1.6634	196-1	1.4625
196	1.95	INV_SLU	Max			7.7099	196-1	1.95
196	2.4375	INV_SLU	Max			12.3665	196-1	2.4375
196	2.925	INV_SLU	Max			15.6333	196-1	2.925
196	3.4125	INV_SLU	Max			17.5101	196-1	3.4125
196	3.9	INV_SLU	Max			17.9971	196-1	3.9
196	4.3875	INV_SLU	Max			17.1584	196-1	4.3875
196	4.875	INV_SLU	Max			15.2124	196-1	4.875
196	5.3625	INV_SLU	Max			11.979	196-1	5.3625
196	5.85	INV_SLU	Max			7.3558	196-1	5.85
196	6.3375	INV_SLU	Max			1.3427	196-1	6.3375
196	6.825	INV_SLU	Max			-6.0603	196-1	6.825
196	7.3125	INV_SLU	Max			-14.8532	196-1	7.3125
196	7.8	INV_SLU	Max			-25.0359	196-1	7.8
196	0.	INV_SLU	Min			-28.8975	196-1	0.
196	0.4875	INV_SLU	Min			-18.232	196-1	0.4875
196	0.975	INV_SLU	Min			-8.9565	196-1	0.975
196	1.4625	INV_SLU	Min			-1.0708	196-1	1.4625
196	1.95	INV_SLU	Min			5.425	196-1	1.95
196	2.4375	INV_SLU	Min			10.5309	196-1	2.4375
196	2.925	INV_SLU	Min			14.247	196-1	2.925
196	3.4125	INV_SLU	Min			16.5731	196-1	3.4125
196	3.9	INV_SLU	Min			17.5094	196-1	3.9
196	4.3875	INV_SLU	Min			17.0327	196-1	4.3875
196	4.875	INV_SLU	Min			14.8014	196-1	4.875
196	5.3625	INV_SLU	Min			11.1187	196-1	5.3625

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
196	5.85	INV_SLU	Min			6.0462	196-1	5.85
196	6.3375	INV_SLU	Min			-0.4162	196-1	6.3375
196	6.825	INV_SLU	Min			-8.2685	196-1	6.825
196	7.3125	INV_SLU	Min			-17.5107	196-1	7.3125
196	7.8	INV_SLU	Min			-28.1427	196-1	7.8
196	0.	INV_SLV	Max			10.9088	196-1	0.
196	0.4875	INV_SLV	Max			14.6576	196-1	0.4875
196	0.975	INV_SLV	Max			17.3373	196-1	0.975
196	1.4625	INV_SLV	Max			18.9478	196-1	1.4625
196	1.95	INV_SLV	Max			19.4892	196-1	1.95
196	2.4375	INV_SLV	Max			18.9615	196-1	2.4375
196	2.925	INV_SLV	Max			17.3648	196-1	2.925
196	3.4125	INV_SLV	Max			14.6999	196-1	3.4125
196	3.9	INV_SLV	Max			15.8443	196-1	3.9
196	4.3875	INV_SLV	Max			20.0039	196-1	4.3875
196	4.875	INV_SLV	Max			23.0948	196-1	4.875
196	5.3625	INV_SLV	Max			25.1168	196-1	5.3625
196	5.85	INV_SLV	Max			26.0696	196-1	5.85
196	6.3375	INV_SLV	Max			25.9534	196-1	6.3375
196	6.825	INV_SLV	Max			24.7679	196-1	6.825
196	7.3125	INV_SLV	Max			22.5134	196-1	7.3125
196	7.8	INV_SLV	Max			19.1897	196-1	7.8
196	0.	INV_SLV	Min			-55.9283	196-1	0.
196	0.4875	INV_SLV	Min			-43.2149	196-1	0.4875
196	0.975	INV_SLV	Min			-31.5707	196-1	0.975
196	1.4625	INV_SLV	Min			-20.9956	196-1	1.4625
196	1.95	INV_SLV	Min			-11.4896	196-1	1.95
196	2.4375	INV_SLV	Min			-3.0529	196-1	2.4375
196	2.925	INV_SLV	Min			4.3146	196-1	2.925
196	3.4125	INV_SLV	Min			10.6121	196-1	3.4125
196	3.9	INV_SLV	Min			10.9619	196-1	3.9
196	4.3875	INV_SLV	Min			6.1584	196-1	4.3875
196	4.875	INV_SLV	Min			0.2851	196-1	4.875
196	5.3625	INV_SLV	Min			-6.6574	196-1	5.3625
196	5.85	INV_SLV	Min			-14.6691	196-1	5.85
196	6.3375	INV_SLV	Min			-23.7499	196-1	6.3375
196	6.825	INV_SLV	Min			-33.8999	196-1	6.825
196	7.3125	INV_SLV	Min			-45.119	196-1	7.3125

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
196	7.8	INV_SLV	Min			-57.4072	196-1	7.8
197	0.	INV_SLU	Max			-24.7852	197-1	0.
197	0.4875	INV_SLU	Max			-14.583	197-1	0.4875
197	0.975	INV_SLU	Max			-5.7706	197-1	0.975
197	1.4625	INV_SLU	Max			1.6519	197-1	1.4625
197	1.95	INV_SLU	Max			7.6845	197-1	1.95
197	2.4375	INV_SLU	Max			12.3273	197-1	2.4375
197	2.925	INV_SLU	Max			15.5801	197-1	2.925
197	3.4125	INV_SLU	Max			17.4431	197-1	3.4125
197	3.9	INV_SLU	Max			17.9162	197-1	3.9
197	4.3875	INV_SLU	Max			17.0348	197-1	4.3875
197	4.875	INV_SLU	Max			15.1491	197-1	4.875
197	5.3625	INV_SLU	Max			11.9177	197-1	5.3625
197	5.85	INV_SLU	Max			7.2963	197-1	5.85
197	6.3375	INV_SLU	Max			1.2851	197-1	6.3375
197	6.825	INV_SLU	Max			-6.116	197-1	6.825
197	7.3125	INV_SLU	Max			-14.9069	197-1	7.3125
197	7.8	INV_SLU	Max			-25.0878	197-1	7.8
197	0.	INV_SLU	Min			-28.9797	197-1	0.
197	0.4875	INV_SLU	Min			-18.3124	197-1	0.4875
197	0.975	INV_SLU	Min			-9.0349	197-1	0.975
197	1.4625	INV_SLU	Min			-1.1473	197-1	1.4625
197	1.95	INV_SLU	Min			5.3504	197-1	1.95
197	2.4375	INV_SLU	Min			10.4582	197-1	2.4375
197	2.925	INV_SLU	Min			14.1761	197-1	2.925
197	3.4125	INV_SLU	Min			16.5042	197-1	3.4125
197	3.9	INV_SLU	Min			17.4424	197-1	3.9
197	4.3875	INV_SLU	Min			16.973	197-1	4.3875
197	4.875	INV_SLU	Min			14.6928	197-1	4.875
197	5.3625	INV_SLU	Min			10.9963	197-1	5.3625
197	5.85	INV_SLU	Min			5.9098	197-1	5.85
197	6.3375	INV_SLU	Min			-0.5664	197-1	6.3375
197	6.825	INV_SLU	Min			-8.4326	197-1	6.825
197	7.3125	INV_SLU	Min			-17.6887	197-1	7.3125
197	7.8	INV_SLU	Min			-28.3346	197-1	7.8
197	0.	INV_SLV	Max			18.5079	197-1	0.
197	0.4875	INV_SLV	Max			21.2429	197-1	0.4875
197	0.975	INV_SLV	Max			22.9089	197-1	0.975

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
197	1.4625	INV_SLV	Max			23.5057	197-1	1.4625
197	1.95	INV_SLV	Max			23.0334	197-1	1.95
197	2.4375	INV_SLV	Max			21.4921	197-1	2.4375
197	2.925	INV_SLV	Max			18.8818	197-1	2.925
197	3.4125	INV_SLV	Max			15.2039	197-1	3.4125
197	3.9	INV_SLV	Max			16.2512	197-1	3.9
197	4.3875	INV_SLV	Max			21.4106	197-1	4.3875
197	4.875	INV_SLV	Max			25.5021	197-1	4.875
197	5.3625	INV_SLV	Max			28.5247	197-1	5.3625
197	5.85	INV_SLV	Max			30.4782	197-1	5.85
197	6.3375	INV_SLV	Max			31.3625	197-1	6.3375
197	6.825	INV_SLV	Max			31.1778	197-1	6.825
197	7.3125	INV_SLV	Max			29.9239	197-1	7.3125
197	7.8	INV_SLV	Max			27.6009	197-1	7.8
197	0.	INV_SLV	Min			-63.5282	197-1	0.
197	0.4875	INV_SLV	Min			-49.8141	197-1	0.4875
197	0.975	INV_SLV	Min			-37.1692	197-1	0.975
197	1.4625	INV_SLV	Min			-25.5935	197-1	1.4625
197	1.95	INV_SLV	Min			-15.0869	197-1	1.95
197	2.4375	INV_SLV	Min			-5.6495	197-1	2.4375
197	2.925	INV_SLV	Min			2.7185	197-1	2.925
197	3.4125	INV_SLV	Min			10.0158	197-1	3.4125
197	3.9	INV_SLV	Min			10.4497	197-1	3.9
197	4.3875	INV_SLV	Min			4.6333	197-1	4.3875
197	4.875	INV_SLV	Min			-2.2536	197-1	4.875
197	5.3625	INV_SLV	Min			-10.2098	197-1	5.3625
197	5.85	INV_SLV	Min			-19.2352	197-1	5.85
197	6.3375	INV_SLV	Min			-29.3297	197-1	6.3375
197	6.825	INV_SLV	Min			-40.4934	197-1	6.825
197	7.3125	INV_SLV	Min			-52.7263	197-1	7.3125
197	7.8	INV_SLV	Min			-66.0283	197-1	7.8
198	0.	INV_SLU	Max			-144.202	198-1	0.
198	0.49231	INV_SLU	Max			-82.8993	198-1	0.49231
198	0.98462	INV_SLU	Max			-31.8047	198-1	0.98462
198	1.47692	INV_SLU	Max			13.42	198-1	1.47692
198	1.96923	INV_SLU	Max			59.0311	198-1	1.96923
198	2.46154	INV_SLU	Max			89.4716	198-1	2.46154
198	2.95385	INV_SLU	Max			104.7417	198-1	2.95385

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
198	3.44615	INV_SLU	Max			104.8612	198-1	3.44615
198	3.93846	INV_SLU	Max			89.8249	198-1	3.93846
198	4.43077	INV_SLU	Max			59.618	198-1	4.43077
198	4.92308	INV_SLU	Max			14.2406	198-1	4.92308
198	5.41538	INV_SLU	Max			-31.0518	198-1	5.41538
198	5.90769	INV_SLU	Max			-81.9801	198-1	5.90769
198	6.4	INV_SLU	Max			-143.1165	198-1	6.4
198	0.	INV_SLU	Min			-214.6593	198-1	0.
198	0.49231	INV_SLU	Min			-123.5019	198-1	0.49231
198	0.98462	INV_SLU	Min			-47.5151	198-1	0.98462
198	1.47692	INV_SLU	Min			8.884	198-1	1.47692
198	1.96923	INV_SLU	Min			39.6203	198-1	1.96923
198	2.46154	INV_SLU	Min			60.1485	198-1	2.46154
198	2.95385	INV_SLU	Min			70.4686	198-1	2.95385
198	3.44615	INV_SLU	Min			70.5473	198-1	3.44615
198	3.93846	INV_SLU	Min			60.3935	198-1	3.93846
198	4.43077	INV_SLU	Min			40.0316	198-1	4.43077
198	4.92308	INV_SLU	Min			9.4616	198-1	4.92308
198	5.41538	INV_SLU	Min			-46.4662	198-1	5.41538
198	5.90769	INV_SLU	Min			-122.2193	198-1	5.90769
198	6.4	INV_SLU	Min			-213.1431	198-1	6.4
198	0.	INV_SLV	Max			-88.5622	198-1	0.
198	0.49231	INV_SLV	Max			-48.2992	198-1	0.49231
198	0.98462	INV_SLV	Max			-14.9869	198-1	0.98462
198	1.47692	INV_SLV	Max			11.3746	198-1	1.47692
198	1.96923	INV_SLV	Max			30.7853	198-1	1.96923
198	2.46154	INV_SLV	Max			43.2453	198-1	2.46154
198	2.95385	INV_SLV	Max			48.7545	198-1	2.95385
198	3.44615	INV_SLV	Max			48.7872	198-1	3.44615
198	3.93846	INV_SLV	Max			43.3944	198-1	3.93846
198	4.43077	INV_SLV	Max			31.0508	198-1	4.43077
198	4.92308	INV_SLV	Max			11.7564	198-1	4.92308
198	5.41538	INV_SLV	Max			-14.4887	198-1	5.41538
198	5.90769	INV_SLV	Max			-47.6846	198-1	5.90769
198	6.4	INV_SLV	Max			-87.8312	198-1	6.4
198	0.	INV_SLV	Min			-108.0843	198-1	0.
198	0.49231	INV_SLV	Min			-64.8218	198-1	0.49231
198	0.98462	INV_SLV	Min			-28.5101	198-1	0.98462

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
198	1.47692	INV_SLV	Min			0.8509	198-1	1.47692
198	1.96923	INV_SLV	Min			23.2611	198-1	1.96923
198	2.46154	INV_SLV	Min			38.7206	198-1	2.46154
198	2.95385	INV_SLV	Min			47.2292	198-1	2.95385
198	3.44615	INV_SLV	Min			47.3129	198-1	3.44615
198	3.93846	INV_SLV	Min			38.9206	198-1	3.93846
198	4.43077	INV_SLV	Min			23.5776	198-1	4.43077
198	4.92308	INV_SLV	Min			1.2837	198-1	4.92308
198	5.41538	INV_SLV	Min			-27.9609	198-1	5.41538
198	5.90769	INV_SLV	Min			-64.1562	198-1	5.90769
198	6.4	INV_SLV	Min			-107.3023	198-1	6.4
199	0.	INV_SLU	Max			-144.7297	199-1	0.
199	0.49231	INV_SLU	Max			-83.2604	199-1	0.49231
199	0.98462	INV_SLU	Max			-31.9991	199-1	0.98462
199	1.47692	INV_SLU	Max			13.3963	199-1	1.47692
199	1.96923	INV_SLU	Max			59.2613	199-1	1.96923
199	2.46154	INV_SLU	Max			89.9556	199-1	2.46154
199	2.95385	INV_SLU	Max			105.4795	199-1	2.95385
199	3.44615	INV_SLU	Max			105.8329	199-1	3.44615
199	3.93846	INV_SLU	Max			91.0448	199-1	3.93846
199	4.43077	INV_SLU	Max			61.0863	199-1	4.43077
199	4.92308	INV_SLU	Max			15.9572	199-1	4.92308
199	5.41538	INV_SLU	Max			-29.8159	199-1	5.41538
199	5.90769	INV_SLU	Max			-80.5867	199-1	5.90769
199	6.4	INV_SLU	Max			-141.5655	199-1	6.4
199	0.	INV_SLU	Min			-215.426	199-1	0.
199	0.49231	INV_SLU	Min			-124.0203	199-1	0.49231
199	0.98462	INV_SLU	Min			-47.7851	199-1	0.98462
199	1.47692	INV_SLU	Min			8.8596	199-1	1.47692
199	1.96923	INV_SLU	Min			39.7534	199-1	1.96923
199	2.46154	INV_SLU	Min			60.4391	199-1	2.46154
199	2.95385	INV_SLU	Min			70.9168	199-1	2.95385
199	3.44615	INV_SLU	Min			71.1863	199-1	3.44615
199	3.93846	INV_SLU	Min			61.1991	199-1	3.93846
199	4.43077	INV_SLU	Min			41.0039	199-1	4.43077
199	4.92308	INV_SLU	Min			10.6006	199-1	4.92308
199	5.41538	INV_SLU	Min			-44.4593	199-1	5.41538
199	5.90769	INV_SLU	Min			-119.9587	199-1	5.90769

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
199	6.4	INV_SLU	Min			-210.6286	199-1	6.4
199	0.	INV_SLV	Max			-88.8401	199-1	0.
199	0.49231	INV_SLV	Max			-48.493	199-1	0.49231
199	0.98462	INV_SLV	Max			-15.0967	199-1	0.98462
199	1.47692	INV_SLV	Max			11.3489	199-1	1.47692
199	1.96923	INV_SLV	Max			30.8436	199-1	1.96923
199	2.46154	INV_SLV	Max			43.3877	199-1	2.46154
199	2.95385	INV_SLV	Max			48.981	199-1	2.95385
199	3.44615	INV_SLV	Max			49.2988	199-1	3.44615
199	3.93846	INV_SLV	Max			44.037	199-1	3.93846
199	4.43077	INV_SLV	Max			31.8245	199-1	4.43077
199	4.92308	INV_SLV	Max			12.6612	199-1	4.92308
199	5.41538	INV_SLV	Max			-13.4528	199-1	5.41538
199	5.90769	INV_SLV	Max			-46.5175	199-1	5.90769
199	6.4	INV_SLV	Max			-86.5331	199-1	6.4
199	0.	INV_SLV	Min			-108.4905	199-1	0.
199	0.49231	INV_SLV	Min			-65.0969	199-1	0.49231
199	0.98462	INV_SLV	Min			-28.6541	199-1	0.98462
199	1.47692	INV_SLV	Min			0.838	199-1	1.47692
199	1.96923	INV_SLV	Min			23.3793	199-1	1.96923
199	2.46154	INV_SLV	Min			38.9698	199-1	2.46154
199	2.95385	INV_SLV	Min			47.6096	199-1	2.95385
199	3.44615	INV_SLV	Min			47.6233	199-1	3.44615
199	3.93846	INV_SLV	Min			39.3151	199-1	3.93846
199	4.43077	INV_SLV	Min			24.0561	199-1	4.43077
199	4.92308	INV_SLV	Min			1.8464	199-1	4.92308
199	5.41538	INV_SLV	Min			-27.3142	199-1	5.41538
199	5.90769	INV_SLV	Min			-63.4254	199-1	5.90769
199	6.4	INV_SLV	Min			-106.4875	199-1	6.4
200	0.	INV_SLU	Max			-141.841	200-1	0.
200	0.49231	INV_SLU	Max			-81.3291	200-1	0.49231
200	0.98462	INV_SLU	Max			-31.0253	200-1	0.98462
200	1.47692	INV_SLU	Max			13.4109	200-1	1.47692
200	1.96923	INV_SLU	Max			57.8264	200-1	1.96923
200	2.46154	INV_SLU	Max			87.0713	200-1	2.46154
200	2.95385	INV_SLU	Max			101.1928	200-1	2.95385
200	3.44615	INV_SLU	Max			100.1514	200-1	3.44615
200	3.93846	INV_SLU	Max			83.9395	200-1	3.93846

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
200	4.43077	INV_SLU	Max			52.557	200-1	4.43077
200	4.92308	INV_SLU	Max			6.004	200-1	4.92308
200	5.41538	INV_SLU	Max			-37.12	200-1	5.41538
200	5.90769	INV_SLU	Max			-88.8057	200-1	5.90769
200	6.4	INV_SLU	Max			-150.6995	200-1	6.4
200	0.	INV_SLU	Min			-211.1401	200-1	0.
200	0.49231	INV_SLU	Min			-121.1583	200-1	0.49231
200	0.98462	INV_SLU	Min			-46.347	200-1	0.98462
200	1.47692	INV_SLU	Min			8.8752	200-1	1.47692
200	1.96923	INV_SLU	Min			38.8541	200-1	1.96923
200	2.46154	INV_SLU	Min			58.6249	200-1	2.46154
200	2.95385	INV_SLU	Min			68.1091	200-1	2.95385
200	3.44615	INV_SLU	Min			67.3726	200-1	3.44615
200	3.93846	INV_SLU	Min			56.4279	200-1	3.93846
200	4.43077	INV_SLU	Min			35.2752	200-1	4.43077
200	4.92308	INV_SLU	Min			3.9144	200-1	4.92308
200	5.41538	INV_SLU	Min			-56.0402	200-1	5.41538
200	5.90769	INV_SLU	Min			-132.989	200-1	5.90769
200	6.4	INV_SLU	Min			-225.1084	200-1	6.4
200	0.	INV_SLV	Max			-87.3182	200-1	0.
200	0.49231	INV_SLV	Max			-47.4663	200-1	0.49231
200	0.98462	INV_SLV	Max			-14.5652	200-1	0.98462
200	1.47692	INV_SLV	Max			11.3851	200-1	1.47692
200	1.96923	INV_SLV	Max			30.3848	200-1	1.96923
200	2.46154	INV_SLV	Max			42.4338	200-1	2.46154
200	2.95385	INV_SLV	Max			47.5327	200-1	2.95385
200	3.44615	INV_SLV	Max			46.3074	200-1	3.44615
200	3.93846	INV_SLV	Max			40.2964	200-1	3.93846
200	4.43077	INV_SLV	Max			27.3379	200-1	4.43077
200	4.92308	INV_SLV	Max			7.4289	200-1	4.92308
200	5.41538	INV_SLV	Max			-19.4307	200-1	5.41538
200	5.90769	INV_SLV	Max			-53.2411	200-1	5.90769
200	6.4	INV_SLV	Max			-94.0023	200-1	6.4
200	0.	INV_SLV	Min			-106.2675	200-1	0.
200	0.49231	INV_SLV	Min			-63.6195	200-1	0.49231
200	0.98462	INV_SLV	Min			-27.9223	200-1	0.98462
200	1.47692	INV_SLV	Min			0.8241	200-1	1.47692
200	1.96923	INV_SLV	Min			22.6197	200-1	1.96923

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
200	2.46154	INV_SLV	Min			37.4645	200-1	2.46154
200	2.95385	INV_SLV	Min			45.3579	200-1	2.95385
200	3.44615	INV_SLV	Min			45.6739	200-1	3.44615
200	3.93846	INV_SLV	Min			36.8741	200-1	3.93846
200	4.43077	INV_SLV	Min			21.1203	200-1	4.43077
200	4.92308	INV_SLV	Min			-1.5846	200-1	4.92308
200	5.41538	INV_SLV	Min			-31.2403	200-1	5.41538
200	5.90769	INV_SLV	Min			-67.8467	200-1	5.90769
200	6.4	INV_SLV	Min			-111.404	200-1	6.4
201	0.	INV_SLU	Max			-159.4015	201-1	0.
201	0.49231	INV_SLU	Max			-92.844	201-1	0.49231
201	0.98462	INV_SLU	Max			-36.4242	201-1	0.98462
201	1.47692	INV_SLU	Max			14.4734	201-1	1.47692
201	1.96923	INV_SLU	Max			68.038	201-1	1.96923
201	2.46154	INV_SLU	Max			106.432	201-1	2.46154
201	2.95385	INV_SLU	Max			129.6555	201-1	2.95385
201	3.44615	INV_SLU	Max			137.7084	201-1	3.44615
201	3.93846	INV_SLU	Max			130.5908	201-1	3.93846
201	4.43077	INV_SLU	Max			108.3027	201-1	4.43077
201	4.92308	INV_SLU	Max			70.844	201-1	4.92308
201	5.41538	INV_SLU	Max			18.2148	201-1	5.41538
201	5.90769	INV_SLU	Max			-33.1154	201-1	5.90769
201	6.4	INV_SLU	Max			-88.9289	201-1	6.4
201	0.	INV_SLU	Min			-237.2434	201-1	0.
201	0.49231	INV_SLU	Min			-138.1673	201-1	0.49231
201	0.98462	INV_SLU	Min			-54.3039	201-1	0.98462
201	1.47692	INV_SLU	Min			9.6467	201-1	1.47692
201	1.96923	INV_SLU	Min			45.58	201-1	1.96923
201	2.46154	INV_SLU	Min			71.3052	201-1	2.46154
201	2.95385	INV_SLU	Min			86.8223	201-1	2.95385
201	3.44615	INV_SLU	Min			92.1313	201-1	3.44615
201	3.93846	INV_SLU	Min			87.2323	201-1	3.93846
201	4.43077	INV_SLU	Min			72.1252	201-1	4.43077
201	4.92308	INV_SLU	Min			46.81	201-1	4.92308
201	5.41538	INV_SLU	Min			11.2867	201-1	5.41538
201	5.90769	INV_SLU	Min			-50.3824	201-1	5.90769
201	6.4	INV_SLU	Min			-133.4282	201-1	6.4
201	0.	INV_SLV	Max			-97.0729	201-1	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
201	0.49231	INV_SLV	Max			-53.7628	201-1	0.49231
201	0.98462	INV_SLV	Max			-17.4032	201-1	0.98462
201	1.47692	INV_SLV	Max			12.0057	201-1	1.47692
201	1.96923	INV_SLV	Max			34.4645	201-1	1.96923
201	2.46154	INV_SLV	Max			49.9754	201-1	2.46154
201	2.95385	INV_SLV	Max			59.7476	201-1	2.95385
201	3.44615	INV_SLV	Max			65.3111	201-1	3.44615
201	3.93846	INV_SLV	Max			63.9321	201-1	3.93846
201	4.43077	INV_SLV	Max			55.603	201-1	4.43077
201	4.92308	INV_SLV	Max			40.3235	201-1	4.92308
201	5.41538	INV_SLV	Max			18.0934	201-1	5.41538
201	5.90769	INV_SLV	Max			-11.0875	201-1	5.90769
201	6.4	INV_SLV	Max			-47.219	201-1	6.4
201	0.	INV_SLV	Min			-119.6704	201-1	0.
201	0.49231	INV_SLV	Min			-72.393	201-1	0.49231
201	0.98462	INV_SLV	Min			-32.0664	201-1	0.98462
201	1.47692	INV_SLV	Min			1.3093	201-1	1.47692
201	1.96923	INV_SLV	Min			27.7337	201-1	1.96923
201	2.46154	INV_SLV	Min			47.2044	201-1	2.46154
201	2.95385	INV_SLV	Min			58.5122	201-1	2.95385
201	3.44615	INV_SLV	Min			60.1272	201-1	3.44615
201	3.93846	INV_SLV	Min			54.7833	201-1	3.93846
201	4.43077	INV_SLV	Min			42.4878	201-1	4.43077
201	4.92308	INV_SLV	Min			23.2413	201-1	4.92308
201	5.41538	INV_SLV	Min			-2.9561	201-1	5.41538
201	5.90769	INV_SLV	Min			-36.1043	201-1	5.90769
201	6.4	INV_SLV	Min			-76.2033	201-1	6.4
202	0.	INV_SLU	Max			5.5087	202-1	0.
202	1.75	INV_SLU	Max			-0.1072	202-1	1.75
202	3.5	INV_SLU	Max			-4.0806	202-1	3.5
202	0.	INV_SLU	Min			3.8162	202-1	0.
202	1.75	INV_SLU	Min			-0.1944	202-1	1.75
202	3.5	INV_SLU	Min			-5.8675	202-1	3.5
202	0.	INV_SLV	Max			30.383	202-1	0.
202	1.75	INV_SLV	Max			0.1555	202-1	1.75
202	3.5	INV_SLV	Max			23.8831	202-1	3.5
202	0.	INV_SLV	Min			-24.5206	202-1	0.
202	1.75	INV_SLV	Min			-0.3426	202-1	1.75

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
202	3.5	INV_SLV	Min			-30.1199	202-1	3.5
203	0.	INV_SLU	Max			14.1912	203-1	0.
203	1.75	INV_SLU	Max			2.3935	203-1	1.75
203	3.5	INV_SLU	Max			-3.1688	203-1	3.5
203	0.	INV_SLU	Min			8.7672	203-1	0.
203	1.75	INV_SLU	Min			0.6319	203-1	1.75
203	3.5	INV_SLU	Min			-5.0922	203-1	3.5
203	0.	INV_SLV	Max			35.1911	203-1	0.
203	1.75	INV_SLV	Max			2.0284	203-1	1.75
203	3.5	INV_SLV	Max			25.2139	203-1	3.5
203	0.	INV_SLV	Min			-21.2028	203-1	0.
203	1.75	INV_SLV	Min			1.0022	203-1	1.75
203	3.5	INV_SLV	Min			-33.1411	203-1	3.5
204	0.	INV_SLU	Max			-100.4946	204-1	0.
204	0.49231	INV_SLU	Max			-36.0579	204-1	0.49231
204	0.98462	INV_SLU	Max			28.0844	204-1	0.98462
204	1.47692	INV_SLU	Max			93.6394	204-1	1.47692
204	1.96923	INV_SLU	Max			144.0526	204-1	1.96923
204	2.46154	INV_SLU	Max			179.2953	204-1	2.46154
204	2.95385	INV_SLU	Max			199.3674	204-1	2.95385
204	3.44615	INV_SLU	Max			204.269	204-1	3.44615
204	3.93846	INV_SLU	Max			194.0001	204-1	3.93846
204	4.43077	INV_SLU	Max			168.5607	204-1	4.43077
204	4.92308	INV_SLU	Max			127.9507	204-1	4.92308
204	5.41538	INV_SLU	Max			72.1702	204-1	5.41538
204	5.90769	INV_SLU	Max			1.2191	204-1	5.90769
204	6.4	INV_SLU	Max			-56.6569	204-1	6.4
204	0.	INV_SLU	Min			-148.6235	204-1	0.
204	0.49231	INV_SLU	Min			-52.6987	204-1	0.49231
204	0.98462	INV_SLU	Min			18.1228	204-1	0.98462
204	1.47692	INV_SLU	Min			62.1913	204-1	1.47692
204	1.96923	INV_SLU	Min			96.0038	204-1	1.96923
204	2.46154	INV_SLU	Min			119.6083	204-1	2.46154
204	2.95385	INV_SLU	Min			133.0046	204-1	2.95385
204	3.44615	INV_SLU	Min			136.1929	204-1	3.44615
204	3.93846	INV_SLU	Min			129.1731	204-1	3.93846
204	4.43077	INV_SLU	Min			111.9453	204-1	4.43077
204	4.92308	INV_SLU	Min			84.5093	204-1	4.92308

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
204	5.41538	INV_SLU	Min			46.8653	204-1	5.41538
204	5.90769	INV_SLU	Min			-0.9867	204-1	5.90769
204	6.4	INV_SLU	Min			-86.3365	204-1	6.4
204	0.	INV_SLV	Max			-57.1536	204-1	0.
204	0.49231	INV_SLV	Max			-14.9838	204-1	0.49231
204	0.98462	INV_SLV	Max			20.2352	204-1	0.98462
204	1.47692	INV_SLV	Max			48.5036	204-1	1.47692
204	1.96923	INV_SLV	Max			69.8213	204-1	1.96923
204	2.46154	INV_SLV	Max			84.1886	204-1	2.46154
204	2.95385	INV_SLV	Max			91.6075	204-1	2.95385
204	3.44615	INV_SLV	Max			93.4738	204-1	3.44615
204	3.93846	INV_SLV	Max			90.3563	204-1	3.93846
204	4.43077	INV_SLV	Max			80.2913	204-1	4.43077
204	4.92308	INV_SLV	Max			63.2759	204-1	4.92308
204	5.41538	INV_SLV	Max			39.31	204-1	5.41538
204	5.90769	INV_SLV	Max			8.3933	204-1	5.90769
204	6.4	INV_SLV	Max			-29.474	204-1	6.4
204	0.	INV_SLV	Min			-79.3592	204-1	0.
204	0.49231	INV_SLV	Min			-33.8175	204-1	0.49231
204	0.98462	INV_SLV	Min			4.7735	204-1	0.98462
204	1.47692	INV_SLV	Min			36.4136	204-1	1.47692
204	1.96923	INV_SLV	Min			61.1029	204-1	1.96923
204	2.46154	INV_SLV	Min			78.841	204-1	2.46154
204	2.95385	INV_SLV	Min			89.626	204-1	2.95385
204	3.44615	INV_SLV	Min			92.0621	204-1	3.44615
204	3.93846	INV_SLV	Min			85.5806	204-1	3.93846
204	4.43077	INV_SLV	Min			72.1449	204-1	4.43077
204	4.92308	INV_SLV	Min			51.7581	204-1	4.92308
204	5.41538	INV_SLV	Min			24.4204	204-1	5.41538
204	5.90769	INV_SLV	Min			-9.8681	204-1	5.90769
204	6.4	INV_SLV	Min			-51.1075	204-1	6.4
205	0.	INV_SLU	Max			-32.3337	205-1	0.
205	0.5	INV_SLU	Max			-21.1389	205-1	0.5
205	1.	INV_SLU	Max			-11.4061	205-1	1.
205	1.5	INV_SLU	Max			-3.1354	205-1	1.5
205	2.	INV_SLU	Max			3.6733	205-1	2.
205	2.5	INV_SLU	Max			9.0198	205-1	2.5
205	3.	INV_SLU	Max			13.808	205-1	3.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
205	3.5	INV_SLU	Max			17.2238	205-1	3.5
205	4.	INV_SLU	Max			19.3136	205-1	4.
205	4.5	INV_SLU	Max			20.0419	205-1	4.5
205	5.	INV_SLU	Max			19.3082	205-1	5.
205	5.5	INV_SLU	Max			17.1124	205-1	5.5
205	6.	INV_SLU	Max			13.4545	205-1	6.
205	0.	INV_SLU	Min			-39.1476	205-1	0.
205	0.5	INV_SLU	Min			-26.7227	205-1	0.5
205	1.	INV_SLU	Min			-15.7599	205-1	1.
205	1.5	INV_SLU	Min			-6.2591	205-1	1.5
205	2.	INV_SLU	Min			1.7795	205-1	2.
205	2.5	INV_SLU	Min			8.0633	205-1	2.5
205	3.	INV_SLU	Min			12.3422	205-1	3.
205	3.5	INV_SLU	Min			15.1591	205-1	3.5
205	4.	INV_SLU	Min			16.2872	205-1	4.
205	4.5	INV_SLU	Min			15.7855	205-1	4.5
205	5.	INV_SLU	Min			13.8217	205-1	5.
205	5.5	INV_SLU	Min			10.3959	205-1	5.5
205	6.	INV_SLU	Min			5.508	205-1	6.
205	0.	INV_SLV	Max			27.6761	205-1	0.
205	0.5	INV_SLV	Max			29.3421	205-1	0.5
205	1.	INV_SLV	Max			29.885	205-1	1.
205	1.5	INV_SLV	Max			29.3061	205-1	1.5
205	2.	INV_SLV	Max			27.608	205-1	2.
205	2.5	INV_SLV	Max			24.7975	205-1	2.5
205	3.	INV_SLV	Max			20.9011	205-1	3.
205	3.5	INV_SLV	Max			16.1355	205-1	3.5
205	4.	INV_SLV	Max			15.3679	205-1	4.
205	4.5	INV_SLV	Max			21.4168	205-1	4.5
205	5.	INV_SLV	Max			26.8983	205-1	5.
205	5.5	INV_SLV	Max			31.2839	205-1	5.5
205	6.	INV_SLV	Max			34.5546	205-1	6.
205	0.	INV_SLV	Min			-79.1507	205-1	0.
205	0.5	INV_SLV	Min			-63.5004	205-1	0.5
205	1.	INV_SLV	Min			-48.9764	205-1	1.
205	1.5	INV_SLV	Min			-35.58	205-1	1.5
205	2.	INV_SLV	Min			-23.3136	205-1	2.
205	2.5	INV_SLV	Min			-12.1841	205-1	2.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
205	3.	INV_SLV	Min			-2.2182	205-1	3.
205	3.5	INV_SLV	Min			6.3677	205-1	3.5
205	4.	INV_SLV	Min			8.7062	205-1	4.
205	4.5	INV_SLV	Min			1.9789	205-1	4.5
205	5.	INV_SLV	Min			-6.4304	205-1	5.
205	5.5	INV_SLV	Min			-15.993	205-1	5.5
205	6.	INV_SLV	Min			-26.6902	205-1	6.
206	0.	INV_SLU	Max			19.816	206-1	0.
206	0.45	INV_SLU	Max			9.7626	206-1	0.45
206	0.9	INV_SLU	Max			-1.4751	206-1	0.9
206	1.35	INV_SLU	Max			-10.4514	206-1	1.35
206	1.8	INV_SLU	Max			-20.3726	206-1	1.8
206	0.	INV_SLU	Min			11.685	206-1	0.
206	0.45	INV_SLU	Min			4.9862	206-1	0.45
206	0.9	INV_SLU	Min			-2.8969	206-1	0.9
206	1.35	INV_SLU	Min			-14.8047	206-1	1.35
206	1.8	INV_SLU	Min			-28.6092	206-1	1.8
206	0.	INV_SLV	Max			14.9724	206-1	0.
206	0.45	INV_SLV	Max			24.6284	206-1	0.45
206	0.9	INV_SLV	Max			37.8548	206-1	0.9
206	1.35	INV_SLV	Max			50.5898	206-1	1.35
206	1.8	INV_SLV	Max			62.5522	206-1	1.8
206	0.	INV_SLV	Min			0.1414	206-1	0.
206	0.45	INV_SLV	Min			-17.8425	206-1	0.45
206	0.9	INV_SLV	Min			-41.2187	206-1	0.9
206	1.35	INV_SLV	Min			-65.9254	206-1	1.35
206	1.8	INV_SLV	Min			-91.6815	206-1	1.8
207	0.	INV_SLU	Max			-22.8425	207-1	0.
207	0.5	INV_SLU	Max			-13.15	207-1	0.5
207	1.	INV_SLU	Max			-4.9195	207-1	1.
207	1.5	INV_SLU	Max			1.8489	207-1	1.5
207	2.	INV_SLU	Max			7.1552	207-1	2.
207	2.5	INV_SLU	Max			10.9995	207-1	2.5
207	3.	INV_SLU	Max			13.3817	207-1	3.
207	3.5	INV_SLU	Max			14.3018	207-1	3.5
207	4.	INV_SLU	Max			13.7599	207-1	4.
207	4.5	INV_SLU	Max			11.9226	207-1	4.5
207	5.	INV_SLU	Max			8.7754	207-1	5.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
207	5.5	INV_SLU	Max			4.166	207-1	5.5
207	6.	INV_SLU	Max			-1.9054	207-1	6.
207	0.	INV_SLU	Min			-25.7388	207-1	0.
207	0.5	INV_SLU	Min			-15.7738	207-1	0.5
207	1.	INV_SLU	Min			-7.2709	207-1	1.
207	1.5	INV_SLU	Min			-0.23	207-1	1.5
207	2.	INV_SLU	Min			5.3488	207-1	2.
207	2.5	INV_SLU	Min			9.4655	207-1	2.5
207	3.	INV_SLU	Min			12.1202	207-1	3.
207	3.5	INV_SLU	Min			13.3128	207-1	3.5
207	4.	INV_SLU	Min			12.819	207-1	4.
207	4.5	INV_SLU	Min			10.7378	207-1	4.5
207	5.	INV_SLU	Min			7.1945	207-1	5.
207	5.5	INV_SLU	Min			2.1891	207-1	5.5
207	6.	INV_SLU	Min			-4.2784	207-1	6.
207	0.	INV_SLV	Max			35.4533	207-1	0.
207	0.5	INV_SLV	Max			35.9709	207-1	0.5
207	1.	INV_SLV	Max			35.364	207-1	1.
207	1.5	INV_SLV	Max			33.6326	207-1	1.5
207	2.	INV_SLV	Max			30.7768	207-1	2.
207	2.5	INV_SLV	Max			26.797	207-1	2.5
207	3.	INV_SLV	Max			21.6943	207-1	3.
207	3.5	INV_SLV	Max			15.4761	207-1	3.5
207	4.	INV_SLV	Max			12.0587	207-1	4.
207	4.5	INV_SLV	Max			17.1216	207-1	4.5
207	5.	INV_SLV	Max			21.0892	207-1	5.
207	5.5	INV_SLV	Max			23.9349	207-1	5.5
207	6.	INV_SLV	Max			25.6569	207-1	6.
207	0.	INV_SLV	Min			-69.2524	207-1	0.
207	0.5	INV_SLV	Min			-55.1583	207-1	0.5
207	1.	INV_SLV	Min			-42.189	207-1	1.
207	1.5	INV_SLV	Min			-30.3446	207-1	1.5
207	2.	INV_SLV	Min			-19.6251	207-1	2.
207	2.5	INV_SLV	Min			-10.0309	207-1	2.5
207	3.	INV_SLV	Min			-1.5631	207-1	3.
207	3.5	INV_SLV	Min			5.7707	207-1	3.5
207	4.	INV_SLV	Min			8.0546	207-1	4.
207	4.5	INV_SLV	Min			-0.3913	207-1	4.5

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
207	5.	INV_SLV	Min			-9.9912	207-1	5.
207	5.5	INV_SLV	Min			-20.7186	207-1	5.5
207	6.	INV_SLV	Min			-32.5715	207-1	6.
210	0.	INV_SLU	Max			0.6921	210-1	0.
210	0.33333	INV_SLU	Max			0.0622	210-1	0.33333
210	0.66667	INV_SLU	Max			-2.1918	210-1	0.66667
210	0.66667	INV_SLU	Max			-2.4873	210-2	0.
210	1.	INV_SLU	Max			-1.3539	210-2	0.33333
210	1.33333	INV_SLU	Max			-0.8429	210-2	0.66667
210	1.33333	INV_SLU	Max			-1.0619	210-3	0.
210	1.66667	INV_SLU	Max			-1.4054	210-3	0.33333
210	2.	INV_SLU	Max			-2.3987	210-3	0.66667
210	2.	INV_SLU	Max			-3.646	210-4	0.
210	2.4	INV_SLU	Max			-2.2985	210-4	0.4
210	2.8	INV_SLU	Max			-1.8867	210-4	0.8
210	3.2	INV_SLU	Max			-1.842	210-4	1.2
210	3.6	INV_SLU	Max			-2.0038	210-4	1.6
210	3.6	INV_SLU	Max			-5.0367	210-5	0.
210	4.06667	INV_SLU	Max			-0.5135	210-5	0.46667
210	4.53333	INV_SLU	Max			10.2675	210-5	0.93333
210	5.	INV_SLU	Max			15.3158	210-5	1.4
210	5.46667	INV_SLU	Max			14.6315	210-5	1.86667
210	5.93333	INV_SLU	Max			8.2146	210-5	2.33333
210	6.4	INV_SLU	Max			0.6609	210-5	2.8
210	0.	INV_SLU	Min			0.5276	210-1	0.
210	0.33333	INV_SLU	Min			-0.4436	210-1	0.33333
210	0.66667	INV_SLU	Min			-3.3503	210-1	0.66667
210	0.66667	INV_SLU	Min			-3.9028	210-2	0.
210	1.	INV_SLU	Min			-1.8278	210-2	0.33333
210	1.33333	INV_SLU	Min			-2.694	210-2	0.66667
210	1.33333	INV_SLU	Min			-3.7612	210-3	0.
210	1.66667	INV_SLU	Min			-4.6084	210-3	0.33333
210	2.	INV_SLU	Min			-8.3805	210-3	0.66667
210	2.	INV_SLU	Min			-13.0186	210-4	0.
210	2.4	INV_SLU	Min			-6.2935	210-4	0.4
210	2.8	INV_SLU	Min			-3.7802	210-4	0.8
210	3.2	INV_SLU	Min			-5.8197	210-4	1.2
210	3.6	INV_SLU	Min			-12.5085	210-4	1.6

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
210	3.6	INV_SLU	Min			-17.567	210-5	0.
210	4.06667	INV_SLU	Min			-1.7031	210-5	0.46667
210	4.53333	INV_SLU	Min			1.2567	210-5	0.93333
210	5.	INV_SLU	Min			2.9428	210-5	1.4
210	5.46667	INV_SLU	Min			3.3552	210-5	1.86667
210	5.93333	INV_SLU	Min			2.4941	210-5	2.33333
210	6.4	INV_SLU	Min			-4.1158	210-5	2.8
210	0.	INV_SLV	Max			5.7324	210-1	0.
210	0.33333	INV_SLV	Max			1.3096	210-1	0.33333
210	0.66667	INV_SLV	Max			1.1412	210-1	0.66667
210	0.66667	INV_SLV	Max			0.0394	210-2	0.
210	1.	INV_SLV	Max			4.9404	210-2	0.33333
210	1.33333	INV_SLV	Max			11.4387	210-2	0.66667
210	1.33333	INV_SLV	Max			22.047	210-3	0.
210	1.66667	INV_SLV	Max			41.4533	210-3	0.33333
210	2.	INV_SLV	Max			60.4625	210-3	0.66667
210	2.	INV_SLV	Max			99.6961	210-4	0.
210	2.4	INV_SLV	Max			63.0425	210-4	0.4
210	2.8	INV_SLV	Max			25.777	210-4	0.8
210	3.2	INV_SLV	Max			9.7682	210-4	1.2
210	3.6	INV_SLV	Max			46.8074	210-4	1.6
210	3.6	INV_SLV	Max			15.5017	210-5	0.
210	4.06667	INV_SLV	Max			17.5161	210-5	0.46667
210	4.53333	INV_SLV	Max			18.6405	210-5	0.93333
210	5.	INV_SLV	Max			18.9019	210-5	1.4
210	5.46667	INV_SLV	Max			18.343	210-5	1.86667
210	5.93333	INV_SLV	Max			17.0202	210-5	2.33333
210	6.4	INV_SLV	Max			14.9754	210-5	2.8
210	0.	INV_SLV	Min			-4.8151	210-1	0.
210	0.33333	INV_SLV	Min			-1.8699	210-1	0.33333
210	0.66667	INV_SLV	Min			-4.1788	210-1	0.66667
210	0.66667	INV_SLV	Min			-3.5206	210-2	0.
210	1.	INV_SLV	Min			-6.9096	210-2	0.33333
210	1.33333	INV_SLV	Min			-12.8954	210-2	0.66667
210	1.33333	INV_SLV	Min			-24.0708	210-3	0.
210	1.66667	INV_SLV	Min			-44.3696	210-3	0.33333
210	2.	INV_SLV	Min			-65.2708	210-3	0.66667
210	2.	INV_SLV	Min			-107.2005	210-4	0.

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	StepType	StepNum	StepLabel	M3 KN-m	FrameElem	ElemStation m
210	2.4	INV_SLV	Min			-67.6996	210-4	0.4
210	2.8	INV_SLV	Min			-29.0264	210-4	0.8
210	3.2	INV_SLV	Min			-13.0495	210-4	1.2
210	3.6	INV_SLV	Min			-51.5602	210-4	1.6
210	3.6	INV_SLV	Min			-23.9169	210-5	0.
210	4.06667	INV_SLV	Min			-19.5253	210-5	0.46667
210	4.53333	INV_SLV	Min			-16.2031	210-5	0.93333
210	5.	INV_SLV	Min			-13.9774	210-5	1.4
210	5.46667	INV_SLV	Min			-12.8907	210-5	1.86667
210	5.93333	INV_SLV	Min			-12.9996	210-5	2.33333
210	6.4	INV_SLV	Min			-14.346	210-5	2.8

Table: Frame Loads - Distributed, Part 1 of 2

Table: Frame Loads - Distributed, Part 1 of 2

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA	RelDistB	AbsDistA m	AbsDistB m	FOverLA KN/m
1	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
1	VENTO_Y	GLOBAL	Force	Y	RelDist	0.	1.	0.	3.5	2.42
2	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	4.
3	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	4.
4	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	4.
5	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	4.
6	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	4.
7	VENTO_Y	GLOBAL	Force	Y	RelDist	0.	1.	0.	3.5	4.84
13	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	7.8	10.
19	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
19	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
19	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	10.
19	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
20	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
20	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
20	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	10.
20	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
21	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
21	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
21	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	10.

Table: Frame Loads - Distributed, Part 1 of 2

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA	RelDistB	AbsDistA m	AbsDistB m	FOverLA KN/m
21	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
22	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
22	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
22	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	10.
22	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
23	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
23	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
23	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	10.
23	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
24	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	32.76
24	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	15.6
24	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	27.3
25	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	32.76
25	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	15.6
25	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	27.3
26	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	32.76
26	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	15.6
26	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	27.3
27	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	32.76
27	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	15.6
27	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	27.3
28	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	32.76
28	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	15.6
28	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	27.3
29	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	4.
30	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	4.
31	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	4.
32	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
32	VENTO_Y	GLOBAL	Force	Y	RelDist	0.	1.	0.	3.5	2.42
38	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
38	VENTO_Y	GLOBAL	Force	Y	RelDist	0.	1.	0.	3.5	2.42
44	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
44	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
44	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	10.
44	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
45	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
45	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
45	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	10.

Table: Frame Loads - Distributed, Part 1 of 2

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA	RelDistB	AbsDistA m	AbsDistB m	FOverLA KN/m
45	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
46	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
46	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
46	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	10.
46	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
47	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
47	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
47	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	10.
47	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
49	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	32.76
49	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	15.6
49	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	27.3
50	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	32.76
50	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	15.6
50	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	27.3
51	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	32.76
51	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	15.6
51	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	27.3
52	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	32.76
52	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	15.6
52	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	27.3
53	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
53	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
53	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	10.
53	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
60	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
60	VENTO_Y	GLOBAL	Force	Y	RelDist	0.	1.	0.	3.5	2.42
61	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
62	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
63	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
64	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
65	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
66	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	7.8	10.
77	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
77	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
77	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	10.
77	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
78	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38

Table: Frame Loads - Distributed, Part 1 of 2

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA	RelDistB	AbsDistA m	AbsDistB m	FOverLA KN/m
78	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
78	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	10.
78	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
79	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
79	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
79	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	10.
79	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
80	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
80	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
80	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	10.
80	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
81	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
81	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
81	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	10.
81	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
87	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
88	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
89	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
90	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
90	VENTO_Y	GLOBAL	Force	Y	RelDist	0.	1.	0.	3.5	2.42
102	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
102	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
102	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	10.
102	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
103	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
103	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
103	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	10.
103	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
104	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
104	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
104	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	10.
104	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
105	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
105	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
105	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	10.
105	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
108	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
108	VENTO_Y	GLOBAL	Force	Y	RelDist	0.	1.	0.	3.5	2.42

Table: Frame Loads - Distributed, Part 1 of 2

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA	RelDistB	AbsDistA m	AbsDistB m	FOverLA KN/m
109	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
109	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
109	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	10.
109	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
112	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.	10.
124	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
124	VENTO_Y	GLOBAL	Force	Y	RelDist	0.	1.	0.	3.5	2.42
125	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	4.
126	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	4.
127	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	4.
128	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	4.
129	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	4.
130	VENTO_Y	GLOBAL	Force	Y	RelDist	0.	1.	0.	3.5	4.84
142	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
142	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
142	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
143	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
143	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
143	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
144	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
144	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
144	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
145	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
145	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
145	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
146	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
146	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
146	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
147	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	32.76
147	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	15.6
147	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	27.3
148	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	32.76
148	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	15.6
148	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	27.3
149	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	32.76
149	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	15.6
149	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	27.3
150	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	32.76

Table: Frame Loads - Distributed, Part 1 of 2

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA	RelDistB	AbsDistA m	AbsDistB m	FOverLA KN/m
150	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	15.6
150	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	27.3
151	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	32.76
151	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	15.6
151	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	27.3
152	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	4.
153	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	4.
154	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	4.
155	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
155	VENTO_Y	GLOBAL	Force	Y	RelDist	0.	1.	0.	3.5	2.42
160	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
160	VENTO_Y	GLOBAL	Force	Y	RelDist	0.	1.	0.	3.5	2.42
165	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
165	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
165	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
166	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
166	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
166	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
167	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
167	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
167	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
168	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
168	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
168	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
169	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	32.76
169	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	15.6
169	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	27.3
170	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	32.76
170	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	15.6
170	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	27.3
171	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	32.76
171	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	15.6
171	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	27.3
172	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	32.76
172	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	15.6
172	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	27.3
173	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
173	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8

Table: Frame Loads - Distributed, Part 1 of 2

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA	RelDistB	AbsDistA m	AbsDistB m	FOverLA KN/m
173	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
174	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
174	VENTO_Y	GLOBAL	Force	Y	RelDist	0.	1.	0.	3.5	2.42
175	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
176	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
177	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
178	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
179	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
186	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
186	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
186	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
187	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
187	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
187	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
188	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
188	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
188	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
189	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
189	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
189	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
190	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
190	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
190	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
191	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
192	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
193	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
194	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
194	VENTO_Y	GLOBAL	Force	Y	RelDist	0.	1.	0.	3.5	2.42
198	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
198	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
198	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
199	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
199	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
199	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
200	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
200	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
200	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
201	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38

Table: Frame Loads - Distributed, Part 1 of 2

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA	RelDistB	AbsDistA m	AbsDistB m	FOverLA KN/m
201	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
201	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
203	VENTO_X	GLOBAL	Force	X	RelDist	0.	1.	0.	3.5	2.
203	VENTO_Y	GLOBAL	Force	Y	RelDist	0.	1.	0.	3.5	2.42
204	PERM_G1	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	16.38
204	PERM_G2	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	7.8
204	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65
210	VAR	GLOBAL	Force	Gravity	RelDist	0.	1.	0.	6.4	13.65

Table: Frame Loads - Distributed, Part 2 of 2

Table: Frame Loads - Distributed, Part 2 of 2

Frame	LoadPat	FOverLB KN/m	MOverLA KN-m/m	MOverLB KN-m/m	GUID
1	VENTO_X	2.			8f9ba510-2a20-4430-9f52-a95e8ea2924f
1	VENTO_Y	2.42			f3aca53a-17bb-4e2d-b081-8a9617adcf27
2	VENTO_X	4.			ff6f3cc5-56a0-4a64-9dde-c9eefd129db7
3	VENTO_X	4.			7c2c6996-27a5-494e-96a8-7f4652f5b84c
4	VENTO_X	4.			c5f91551-4c8b-462f-b1a-c-b593af4bb80c
5	VENTO_X	4.			bd084fba-f2ae-4244-94a-c-2a3b86faf311
6	VENTO_X	4.			e14e790e-d924-4b6c-8733-c4a5efdd26c8
7	VENTO_Y	4.84			3b7f3881-fed0-497b-8bf3-392442a2eaf9
13	PERM_G2	10.			90b32b3e-a1d0-46c9-b459-d28d7e3c3a69
19	PERM_G1	16.38			a7445f0e-4540-495f-b63c-fd280302d2fa
19	PERM_G2	7.8			617e76f9-ff72-4557-a7c9-68bec8b3339f
19	PERM_G2	10.			0714b643-7dae-4032-9a86-7cfba9a92c64
19	VAR	13.65			e56fc716-d81e-49f8-9058-b27c64c3f22b

Table: Frame Loads - Distributed, Part 2 of 2

Frame	LoadPat	FOverLB KN/m	MOverLA KN-m/m	MOverLB KN-m/m	GUID
20	PERM_G1	16.38			ed3ef422-2c0a-42aa-b22 c-fab00023b613
20	PERM_G2	7.8			5f80c153-d5c3-49be-baa b-0fe27e406277
20	PERM_G2	10.			d55ba8aa-d840-4631-8d e4-31ce392b7620
20	VAR	13.65			af572e19-4463-42d1-bea 3-dd1aea0628c4
21	PERM_G1	16.38			e3e609fc-fbd6-472a-a9f3 -e1ffa9a0ed12
21	PERM_G2	7.8			db364dc0-0ff4-4c5a-833 1-e81bb391781b
21	PERM_G2	10.			6307cf4b-cd49-49f1-9cc4 -ba9e26c9c714
21	VAR	13.65			63546734-6118-4091-85 95-95ef27c11ead
22	PERM_G1	16.38			d235ad71-5a8b-4dde-94 a5-71f1374662c6
22	PERM_G2	7.8			54545260-a578-48be-af4 2-2245b3434886
22	PERM_G2	10.			e4c3553d-ebe3-4af5-9bd 0-de65a2e5ac86
22	VAR	13.65			6009133b-95b4-4dcd-91 cd-151ee815f862
23	PERM_G1	16.38			dc9770cd-9f45-43f4-8f18 -9182766b3d46
23	PERM_G2	7.8			5f4fb62d-ddb5-48c7-9c8 8-821b2bc5f2e2
23	PERM_G2	10.			917f5650-d620-4b81-a87 d-fc4fc767ba7f
23	VAR	13.65			55a35916-2e30-4018-93 c4-d7d51eaf715c
24	PERM_G1	32.76			1948ab39-c70a-4a16-b2 c8-5732eac8924a
24	PERM_G2	15.6			2cf3844a-bf01-4281-b3f2 -5d3ffd4d0e96
24	VAR	27.3			671ecaf3-efa3-44b7-baa 0-060b14443fb3
25	PERM_G1	32.76			1bdf3dcc-3896-470b-9e3 3-00beec260f97
25	PERM_G2	15.6			ada2c005-00c0-4dbb-ae 87-f6d5aad2adff

Table: Frame Loads - Distributed, Part 2 of 2

Frame	LoadPat	FOverLB KN/m	MOverLA KN-m/m	MOverLB KN-m/m	GUID
25	VAR	27.3			68dcd0ca-a3fa-45bd-9bc 4-b4d4a09f67e2
26	PERM_G1	32.76			d0324b9b-578f-485f-863 e-e3da5e72d4c1
26	PERM_G2	15.6			bf703009-162c-40e7-a07 3-6982a3dbc34c
26	VAR	27.3			449cebf1-1960-4cc6-84c e-59d26c86170f
27	PERM_G1	32.76			7ec0f553-d084-43de-bbc 7-5e893dbe5b5a
27	PERM_G2	15.6			5b5751a9-b8fe-4012-9cb a-1d6e301ad9e4
27	VAR	27.3			052a2429-8060-43ea-ad 80-8bb3e0269d00
28	PERM_G1	32.76			4e904d9b-94a1-4d48-a4 19-3f4fb5d16f2f
28	PERM_G2	15.6			6ae86f19-9cb2-4475-b6a 3-000afeb27f17
28	VAR	27.3			1a946eeb-34a8-4069-a8 72-e8b415c3ee4e
29	VENTO_X	4.			8100a658-515c-47f0-a34 5-5c314356f348
30	VENTO_X	4.			924db8bb-ffba-4f39-9192 -5d1230ebd013
31	VENTO_X	4.			5db18ab0-4b30-4ead-82 07-823153a4d0e5
32	VENTO_X	2.			ea93d708-d937-4d29-9b 4c-5cf8e6a53971
32	VENTO_Y	2.42			09cac6c0-74ef-4858-a24 9-377df93c1727
38	VENTO_X	2.			fe23159a-bc6a-44e7-95d 1-d8784e526031
38	VENTO_Y	2.42			59283009-240c-4495-a9 e8-57de38fa7719
44	PERM_G1	16.38			e08ee19a-3347-4c21-b5 60-d544d99b4946
44	PERM_G2	7.8			55610cdc-183f-4183-bc6 8-386be6221a0c
44	PERM_G2	10.			dc96b925-065b-4acf-b5e c-16b7ff7c0746
44	VAR	13.65			02824ff7-6b1e-4ea6-b26 5-a1db5ccdfa29

Table: Frame Loads - Distributed, Part 2 of 2

Frame	LoadPat	FOverLB KN/m	MOverLA KN-m/m	MOverLB KN-m/m	GUID
45	PERM_G1	16.38			96d0de9c-09c6-4623-bff 2-0a17ed29fd4a
45	PERM_G2	7.8			470c4f9a-d127-4f02-8b7 a-84ab1526b7cf
45	PERM_G2	10.			15ef0ca4-dfc9-4301-ab5 9-110a2366a414
45	VAR	13.65			4d9a19d4-c879-42bb-a3 94-dcbfdc2e422d
46	PERM_G1	16.38			a69a8efa-3656-4537-803 8-70b75a838fb8
46	PERM_G2	7.8			bedcbad0-267d-4ece-90 84-7456dfd90190
46	PERM_G2	10.			847c7feb-4252-4699-a79 5-fcd8be1d36d0
46	VAR	13.65			9f366b66-6748-4760-aaf 1-f086febf30c0
47	PERM_G1	16.38			45f5a7d3-c6ad-4f40-b18 8-eacaf7c4e55d
47	PERM_G2	7.8			09d090ac-befd-4555-902 e-871a8658e867
47	PERM_G2	10.			0faa283a-438f-427e-9dcf -1af736376b1d
47	VAR	13.65			20572bc2-0654-4672-af9 7-1616409db0ae
49	PERM_G1	32.76			404ee24b-71e9-4a2d-a3 20-969de5b764c1
49	PERM_G2	15.6			0aa49cfb-fe36-4d6a-916 0-b4bd592e8cf9
49	VAR	27.3			bb360031-fe83-4b20-ae d-3d802230ec2a
50	PERM_G1	32.76			7aedd5bc-1ef7-4e95-936 d-a8eaa9561407
50	PERM_G2	15.6			82f0bc7e-ceb6-4205-9b7 2-85762b6db8e1
50	VAR	27.3			e405c347-c214-41bd-ad b1-a85229342a6f
51	PERM_G1	32.76			3a2c47d3-1415-4b43-8d af-05facf8f2769
51	PERM_G2	15.6			24e75862-9aac-4459-9c 4e-511535345485
51	VAR	27.3			1074785d-9950-4aba-90 ad-573168d06414

Table: Frame Loads - Distributed, Part 2 of 2

Frame	LoadPat	FOverLB KN/m	MOverLA KN-m/m	MOverLB KN-m/m	GUID
52	PERM_G1	32.76			e47ffd10-b760-46cb-817 c-97ddf2974ce4
52	PERM_G2	15.6			4bc20fae-370c-4389-89b 9-0cbb19269134
52	VAR	27.3			f50f6414-fab0-41da-a512 -b407a4b11e73
53	PERM_G1	16.38			5e161ec2-70b4-4fea-917 b-75064ce947e3
53	PERM_G2	7.8			51c50a7a-2c14-486d-b5 ae-40bd2eb46e7d
53	PERM_G2	10.			b928c17d-0d52-486d-bfe c-cb799390c34d
53	VAR	13.65			43346650-6f10-44f7-8b3 8-124e84b512a3
60	VENTO_X	2.			914d942d-38e1-4e21-97 5f-b0f60627bb9a
60	VENTO_Y	2.42			71c2eea8-2046-4385-ab 39-b84c814d6943
61	VENTO_X	2.			f235f07c-7ab1-4fe6-b8a1 -c4d5e7c5f4c8
62	VENTO_X	2.			783fe1cc-c568-4805-a5a 7-1ddc4523592b
63	VENTO_X	2.			54de8c60-04e3-4495-97 59-63810d16205b
64	VENTO_X	2.			cf464c26-7a0e-4bdd-bc2 a-8daaa6780e92
65	VENTO_X	2.			e41b94af-1e18-45e1-a54 b-18ef34e28b01
66	PERM_G2	10.			220aaafd-7d61-4398-a75 5-17262a096b04
77	PERM_G1	16.38			6fd2fd70-c62e-4cfb-b34b -74f0581630ce
77	PERM_G2	7.8			7867e102-5cf7-44d2-a6e 6-697e62faec3c
77	PERM_G2	10.			5f03f5ee-2768-424a-b14 0-16edc2867614
77	VAR	13.65			26c9f2af-cef5-4615-ba19 -d29fea490a42
78	PERM_G1	16.38			c01d93bb-7427-42e8-ba d5-149d09fd87d9
78	PERM_G2	7.8			780ba50b-a5a8-4dec-9c 95-a2f1361e7ecd

Table: Frame Loads - Distributed, Part 2 of 2

Frame	LoadPat	FOverLB KN/m	MOverLA KN-m/m	MOverLB KN-m/m	GUID
78	PERM_G2	10.			c46b3d38-b2b9-45b7-848c-88d43bf4b23d
78	VAR	13.65			577f6d1f-56ca-4b93-9157-50700ae87274
79	PERM_G1	16.38			a57ab0f2-b851-4986-b011-e265a5b8c83e
79	PERM_G2	7.8			07bf8ffa-4659-4240-9c93-3df1183878f1
79	PERM_G2	10.			382ca01c-4b61-4f46-adaa-83f264d66614
79	VAR	13.65			e461cd80-5d84-4109-90a4-cd0a633e02b8
80	PERM_G1	16.38			0da9a90f-6280-485a-abca-ad7cefebcccd0
80	PERM_G2	7.8			0af05941-3d5c-4df2-aa22-85b98c6224b1
80	PERM_G2	10.			a988c02d-a9cb-46af-b2ca-240c2887827b
80	VAR	13.65			ef608978-d1b1-4035-878d-6a7c9aa79325
81	PERM_G1	16.38			639131ed-e8ff-4e03-b64e-d88610f7c4d9
81	PERM_G2	7.8			1d69fa50-a634-4556-9b19-54fecfd8eb70
81	PERM_G2	10.			e949b3fc-78b9-48b6-a281-23f0d475c38f
81	VAR	13.65			89ce07df-dc56-4e01-9083-1d92281b6348
87	VENTO_X	2.			2d51aadf-6094-4151-a8a0-2f72e5aae9cc
88	VENTO_X	2.			4736bf32-cb3a-4657-9dd6-bd811d025d34
89	VENTO_X	2.			086a708c-d3fc-4bd3-ba14-ce76ef5140f9
90	VENTO_X	2.			cf886a70-967b-4959-836f-9337428f497c
90	VENTO_Y	2.42			b0b34b43-073a-460a-afe8-b61d4f32dac1
102	PERM_G1	16.38			4065935d-9ade-46f1-ba03-0ca2c8e167b2
102	PERM_G2	7.8			309c9fc6-cfb0-4373-b2ec-38a12b33ab2b

Table: Frame Loads - Distributed, Part 2 of 2

Frame	LoadPat	FOverLB KN/m	MOverLA KN-m/m	MOverLB KN-m/m	GUID
102	PERM_G2	10.			52415fa4-6959-4075-b483-bc840ea68af4
102	VAR	13.65			f449c32a-95ca-407c-aa00-b104e94a9f38
103	PERM_G1	16.38			60ca991b-31f6-4c05-8306-eb9e620378d9
103	PERM_G2	7.8			514e37cb-20e2-43a9-847e-7186599a9704
103	PERM_G2	10.			948e2d7b-99d4-4ff6-bbbf-2514ed7d3645
103	VAR	13.65			6507f713-4b88-4832-b148-8b74f9f1e3e7
104	PERM_G1	16.38			74730bdb-0b1b-4dde-ae9f-05c968f73a9f
104	PERM_G2	7.8			da2dc89e-2150-4c9e-ad da-347c87f12764
104	PERM_G2	10.			b0d46f05-2d77-45de-94f5-9923b2a4e33c
104	VAR	13.65			4a284952-7ebb-4cfe-82f9-3aa6ee97e946
105	PERM_G1	16.38			cedb9a88-b66d-433a-bfc6-45082cd7fbbc
105	PERM_G2	7.8			a169184e-278d-4264-98bc-8ac8bf3dd06a
105	PERM_G2	10.			4eb52ea2-50d4-45b7-a454-dd4a51b4f1cf
105	VAR	13.65			d54941b3-84b9-4e99-8909-d91d47b70c3c
108	VENTO_X	2.			aac83cbd-19e2-49f8-a272-ea3403294d23
108	VENTO_Y	2.42			07b6ac2e-1bc7-4e41-82c8-54652505e41a
109	PERM_G1	16.38			4380f0d1-b1c9-4bf0-8743-a1f455fe7510
109	PERM_G2	7.8			0f9fb970-83b1-4f4d-a1bb-87a187050708
109	PERM_G2	10.			f2198555-1c04-49b0-a1e e-63f816e60333
109	VAR	13.65			f75bc62d-b3be-430f-814f-b3eadf88e6e9
112	PERM_G2	10.			f2a73056-49c9-467a-b9f d-63204ee003a6

Table: Frame Loads - Distributed, Part 2 of 2

Frame	LoadPat	FOverLB KN/m	MOverLA KN-m/m	MOverLB KN-m/m	GUID
124	VENTO_X	2.			c8d7f37a-7e8f-4e51-8f97-023c39e82f3b
124	VENTO_Y	2.42			443d2589-f500-4199-8254-d1fabe45757a
125	VENTO_X	4.			74b475af-9705-46cc-9e22-7474bbac1098
126	VENTO_X	4.			13f256f3-bc8b-4214-a4a6-3f62a8585082
127	VENTO_X	4.			47b3f872-d0d2-44a0-ab67-f93fa0db71e7
128	VENTO_X	4.			49f6c926-7e1d-4e4d-85a9-d2eb666a3ba0
129	VENTO_X	4.			6b563854-b2da-4aea-b697-6cc0d5b108d2
130	VENTO_Y	4.84			8ba9c8dc-9a17-4b95-82a1-2604bb9e0055
142	PERM_G1	16.38			e0134b12-6064-438c-8a4e-57297a16416e
142	PERM_G2	7.8			90ae15a8-05ec-4de4-9748-499e9081983d
142	VAR	13.65			597c0c88-d8cd-4118-b194-51716d9f1d68
143	PERM_G1	16.38			a54e740c-c6e9-4723-b757-d70284b8c1c8
143	PERM_G2	7.8			68011ba9-c0ac-4479-ab6b-6f23a7bae349
143	VAR	13.65			df82e8d8-4ad8-4e8e-8e67-21073a64b65a
144	PERM_G1	16.38			9e43d974-530a-4d80-9916-c2b34b4b8e29
144	PERM_G2	7.8			491c1e5a-44fa-4532-b2d7-8b892d6533db
144	VAR	13.65			f104980a-6080-4a6f-9c08-ebe0cc745f07
145	PERM_G1	16.38			c0894d45-efc2-4fb6-95b5-d0ddda1694b8
145	PERM_G2	7.8			faa28f64-732c-4eda-a357-aa7385e105a6
145	VAR	13.65			25d213f7-8d11-4234-96f1-feb8cbb63e28
146	PERM_G1	16.38			f0b7f71b-10f8-4f79-aaa2-24276786aa0e

Table: Frame Loads - Distributed, Part 2 of 2

Frame	LoadPat	FOverLB KN/m	MOverLA KN-m/m	MOverLB KN-m/m	GUID
146	PERM_G2	7.8			0332c73a-192a-4f9a-b13 9-f19019e92531
146	VAR	13.65			78e127b4-5b86-4da0-bcf 7-549f905a2423
147	PERM_G1	32.76			2d67f70e-2957-4f54-b3a 7-3e2c4b592d60
147	PERM_G2	15.6			33962074-4dfe-4453-a3a a-cfe6352a1de4
147	VAR	27.3			eafe556d-6aae-423c-80a 7-877400ed4a7a
148	PERM_G1	32.76			9e48d4f1-df6d-4189-a54 d-bae8a0f4468d
148	PERM_G2	15.6			80f6c21d-51ff-407b-acf6- 7dea683eb4be
148	VAR	27.3			95eb5e2d-3cf9-4396-8a8 3-1134d2d97152
149	PERM_G1	32.76			25898172-af5c-4a11-8ea a-7eefdac0ddc7
149	PERM_G2	15.6			e15c1bd8-7d72-497a-baf d-9fc060e61b59
149	VAR	27.3			3bd95391-76af-48b8-84c b-452d5c1e0ceb
150	PERM_G1	32.76			e8364507-6bfe-4d01-a97 f-383ef02bd8d9
150	PERM_G2	15.6			22ca02a1-e5f1-46ce-b5a 9-5ec7127b6fa8
150	VAR	27.3			8ba3b320-1e1f-408c-a7a 1-d92b041f3b37
151	PERM_G1	32.76			4baebfc2-d470-4115-85e 2-487516280779
151	PERM_G2	15.6			1f915d93-6171-49cc-a91 e-872029e29024
151	VAR	27.3			a85dc767-2e43-472d-a6 84-7aa4814778a2
152	VENTO_X	4.			b7df46b7-9cb2-4298-b6d 0-ca779017fc70
153	VENTO_X	4.			096091cb-4d0a-40f5-8e1 d-66573ef436b4
154	VENTO_X	4.			dbbdd278-de00-4c0c-a9 18-5be5dfdac57
155	VENTO_X	2.			de68d71e-902a-4067-aff 8-b8a115ce018b

Table: Frame Loads - Distributed, Part 2 of 2

Frame	LoadPat	FOverLB KN/m	MOverLA KN-m/m	MOverLB KN-m/m	GUID
155	VENTO_Y	2.42			e6ac78fb-0cf3-49f1-96ff-981b9e35f558
160	VENTO_X	2.			c8fcc5d4-c859-4261-bdc2-a7808def1d00
160	VENTO_Y	2.42			2afd2081-8f05-483f-ad2a-00207c045de4
165	PERM_G1	16.38			1a597d74-08e4-43e2-b8b0-fbfc748eea8
165	PERM_G2	7.8			3bc34a11-73c5-4a52-b659-433b5fe702fe
165	VAR	13.65			f0b2b51e-1866-4dd2-9608-9545143c338f
166	PERM_G1	16.38			c9817175-f6dd-42ef-b309-2e9c531ce4f0
166	PERM_G2	7.8			da143178-53b5-4242-a606-6c7d65f9eb45
166	VAR	13.65			a9d17a12-7410-4b36-9969-222cd6359ac3
167	PERM_G1	16.38			f8b130c5-ec29-448e-acd2-4e558c220153
167	PERM_G2	7.8			63887614-0658-488b-a33c-2c4663b4cf2e
167	VAR	13.65			269b37f0-8fbf-4165-8dd1-8ea361c27f77
168	PERM_G1	16.38			3f4778c2-ce95-4792-a4e7-53205be17bd6
168	PERM_G2	7.8			da6a736a-3b5b-4b84-b857-e766d7cb82a4
168	VAR	13.65			9d32bb7c-7feb-44d9-9e4d-716d5926cbaf
169	PERM_G1	32.76			1941000e-86e7-415b-a3ce-7d0e0fb91194
169	PERM_G2	15.6			1b0afad6-4b4c-4517-a173-1341ffd78eeb
169	VAR	27.3			ec7fb497-8863-433a-bfc9-7f5b45e3fa61
170	PERM_G1	32.76			e267be50-1e9d-4a64-b5c6-0e4cd8a6bb7a
170	PERM_G2	15.6			f2613610-ab5d-42e4-b439-cd47c60c615b
170	VAR	27.3			115f45ed-3d04-4c67-bac b-a676f40418bc

Table: Frame Loads - Distributed, Part 2 of 2

Frame	LoadPat	FOverLB KN/m	MOverLA KN-m/m	MOverLB KN-m/m	GUID
171	PERM_G1	32.76			b336f9a1-14ca-49fc-863d-72a741b69292
171	PERM_G2	15.6			e74bc343-ddd9-4775-bc85-a2fc853f8c28
171	VAR	27.3			81618712-4e17-4a8b-84c2-5b00bb5f2747
172	PERM_G1	32.76			628d9606-6670-420a-ab e7-80fa3ea65e85
172	PERM_G2	15.6			4149a2c4-15bf-4bb5-b5a e-4d62ea7dedcf
172	VAR	27.3			3da6ca5c-03d3-4a46-bc bf-ecedc456e64f
173	PERM_G1	16.38			5bbc0146-a4ef-4b7c-ace d-43345c06bc26
173	PERM_G2	7.8			2095798e-369c-4d58-9f8 5-16b0d1020218
173	VAR	13.65			8fa5136c-dcec-4085-882 2-b94ef626c9ae
174	VENTO_X	2.			8fe72d9f-b31e-4951-836 b-a92de342b2b1
174	VENTO_Y	2.42			b8bdb279-d606-47c8-97 01-6a986fe64ea8
175	VENTO_X	2.			871f87e8-305c-4e45-85b 5-7c14f243db79
176	VENTO_X	2.			d4c8948e-f6a5-409b-aa3 2-fe7b9e7f1b72
177	VENTO_X	2.			185180e1-17f6-41c7-8a2 6-42f145f237b7
178	VENTO_X	2.			8b25de4c-529f-45f1-b1d d-a8e396cff0ab
179	VENTO_X	2.			bbd69924-2c6b-4780-92 27-3b3ee63db30c
186	PERM_G1	16.38			155d9adb-db92-4499-ae 02-e3aa11d9fa6f
186	PERM_G2	7.8			71f60571-9423-4960-85d 6-63fa2bdc2752
186	VAR	13.65			a0a6406a-bccf-4b41-8e3 e-b7a992585fbb
187	PERM_G1	16.38			bf461c6a-b1ca-4e2e-b41 5-c9420685e787
187	PERM_G2	7.8			28b187d1-d294-4072-9b 2e-8ec8afbc2a0

Table: Frame Loads - Distributed, Part 2 of 2

Frame	LoadPat	FOverLB KN/m	MOverLA KN-m/m	MOverLB KN-m/m	GUID
187	VAR	13.65			f23c04e1-06b0-4b00-acf e-2cf4e520f936
188	PERM_G1	16.38			0a12b2a7-3482-4938-a8 d8-0837b7e4118e
188	PERM_G2	7.8			14b0ad7b-1896-4650-8c eb-66d89e0091ac
188	VAR	13.65			2bdeb8ed-481c-4c7a-ae 00-363e7cb67579
189	PERM_G1	16.38			ef61abd5-19e5-4381-867 4-40a33b8ce19b
189	PERM_G2	7.8			6253f424-94b3-44cc-95c 9-42f32ff79e8d
189	VAR	13.65			2772392e-05ee-4431-9a 0a-eb0f158536d7
190	PERM_G1	16.38			89c7d3cd-d105-42a3-b2f 9-cee7759acbd2
190	PERM_G2	7.8			abaf4816-c3e5-47a1-bb5 f-b6ee963038e6
190	VAR	13.65			ef6636bc-8f3a-41e0-99ff- ab045f33ccef
191	VENTO_X	2.			19d8eda0-2873-4bb9-bfc 1-2b509599c9e8
192	VENTO_X	2.			fb982273-e2dc-47e7-9e1 f-c3edc84c0c78
193	VENTO_X	2.			8205feff-d11f-4b91-b479- 6efa69095f2b
194	VENTO_X	2.			863ac1ba-ee46-4902-a9 67-1d8d5d759b30
194	VENTO_Y	2.42			9d564876-116d-4628-95 25-37aa187848c5
198	PERM_G1	16.38			33c4bc18-ec2a-49ef-b6e 4-b37c74728245
198	PERM_G2	7.8			7f02fca6-f428-4b79-b36b -589f4eb066bd
198	VAR	13.65			6a856d01-fc19-4d84-806 c-f0606d1cdc15
199	PERM_G1	16.38			6df62e9d-648f-4cbe-9da 3-a557710609ce
199	PERM_G2	7.8			885c45f2-618e-4e97-a99 f-a3186345a819
199	VAR	13.65			644969fe-da1c-4cb2-9fc 3-833034238aa0

Table: Frame Loads - Distributed, Part 2 of 2

Frame	LoadPat	FOverLB KN/m	MOverLA KN-m/m	MOverLB KN-m/m	GUID
200	PERM_G1	16.38			ed971f8d-5bc6-4657-8df 4-322598a79000
200	PERM_G2	7.8			7f226e98-b12d-4ec1-913 d-0671a0ed5fed
200	VAR	13.65			48c57be8-bb38-4062-81 84-b1dbb6a40299
201	PERM_G1	16.38			036ad062-199d-45c1-b8 16-729d583feeb3
201	PERM_G2	7.8			cbfb65d9-1d05-4044-894 5-81d4a8844ada
201	VAR	13.65			ea29bfa6-9b79-4dc3-8ef a-6252600ef535
203	VENTO_X	2.			dca59e67-86bf-4416-b73 9-2bfd6673f097
203	VENTO_Y	2.42			295c1be6-a809-4558-98 aa-5036ed828aa1
204	PERM_G1	16.38			43e1c2f5-5933-4b77-a7f 2-28b68b191447
204	PERM_G2	7.8			a8ce98dd-67a7-4e0d-94f 0-c08845b0a945
204	VAR	13.65			8b9b7c34-eb19-475d-93 7f-183a758991c8
210	VAR	13.65			6b518e1b-d046-42eb-87 4a-77c12eb3e6ce

Table: Load Case Definitions, Part 1 of 2

Table: Load Case Definitions, Part 1 of 2

Case	Type	InitialCond	ModalCase	BaseCase	MassSource	IncludeSSI	DesTypeOpt	DesignType	DesActOpt	DesignAct	AutoType
DEAD	LinStatic	Zero					Prog Det	Dead	Prog Det	Non-Compos ite	None
MODAL	LinModal	Zero					Prog Det	Other	Prog Det	Other	None
PERM_G1	LinStatic	Zero					Prog Det	Dead	Prog Det	Non-Compos ite	None
PERM_G2	LinStatic	Zero					Prog Det	Dead	Prog Det	Non-Compos ite	None
VAR	LinStatic	Zero					Prog Det	Live	Prog Det	Short-Term Composite	None

Table: Load Case Definitions, Part 1 of 2

Case	Type	InitialCond	ModalCase	BaseCase	MassSource	IncludeSSI	DesTypeOpt	DesignType	DesActOpt	DesignAct	AutoType
NEVE	LinStatic	Zero					Prog Det	Snow	Prog Det	Short-Term Composite	None
VENTO_X	LinStatic	Zero					Prog Det	Wind	Prog Det	Short-Term Composite	None
VENTO_Y	LinStatic	Zero					Prog Det	Wind	Prog Det	Short-Term Composite	None
SLV_X	LinRespSpec		MODAL				Prog Det	Quake	Prog Det	Short-Term Composite	None
SLV_Y	LinRespSpec		MODAL				Prog Det	Quake	Prog Det	Short-Term Composite	None
SLO_X	LinRespSpec		MODAL				Prog Det	Quake	Prog Det	Short-Term Composite	None
SLO_Y	LinRespSpec		MODAL				Prog Det	Quake	Prog Det	Short-Term Composite	None

Table: Load Case Definitions, Part 2 of 2

Table: Load Case Definitions, Part 2 of 2

Case	RunCase	CaseStatus	GUID	Notes
DEAD	Yes	Finished	bdd2f3a6-cff9-4e7c-9f3e-bed47ad5c3c6	
MODAL	Yes	Finished	5aac158e-fa90-4500-b93b-f133dcd835bf	
PERM_G1	Yes	Finished	b7f328b1-6830-42b5-b717-023962154b46	
PERM_G2	Yes	Finished	565d230f-fed1-4e00-9fef-c0041df8923f	
VAR	Yes	Finished	daea84fb-b6e3-4236-921e-d277eb3695c3	
NEVE	Yes	Finished	9abc293e-424f-4fa8-9913-55ce5190975f	
VENTO_X	Yes	Finished	ebea3996-3c66-4684-ad85-2350e10de473	
VENTO_Y	Yes	Finished	941d0425-db93-4466-9e00-6c482fb6bc3c	
SLV_X	Yes	Finished	761c4e6d-7f55-416c-bd72-1abeae1e4a9b	
SLV_Y	Yes	Finished	761c4e6d-7f55-416c-bd72-1abeae1e4a9b	

Table: Load Case Definitions, Part 2 of 2				
Case	RunCase	CaseStatus	GUID	Notes
SLO_X	Yes	Finished	761c4e6d-7f55-416c-bd72-1abeae1e4a9b	
SLO_Y	Yes	Finished	761c4e6d-7f55-416c-bd72-1abeae1e4a9b	

Table: Load Pattern Definitions

Table: Load Pattern Definitions								
LoadPat	DesignType	SelfWtMult	AutoLoad	NotBasePat	NotRatio	NotDir	GUID	Notes
DEAD	Dead	1.					4f7347ec-9777-48b7-be10-a643d6c5384b	
PERM_G1	Dead	0.					b3a1d630-de44-4409-ae72-1c642ca37a88	Added 15/01/2024 12:47:09
PERM_G2	Dead	0.					c1de9a67-6161-40a8-99d2-628feef4b471	Added 15/01/2024 12:47:16
VAR	Live	0.					e55f1f15-2555-425a-9a03-c868fec779a1	Added 15/01/2024 12:47:26
NEVE	Snow	0.					76872c2a-e2c3-4906-b1ef-494975debc49	Added 15/01/2024 12:47:35
VENTO_X	Wind	0.	None				24d5e3e6-4f7b-4a62-9b6a-4ae8ee37fa5a	Added 15/01/2024 12:47:43
VENTO_Y	Wind	0.	None				14fa0d54-e023-4307-b6d3-5e728ece4f1f	Added 15/01/2024 12:47:56

Table: Mass Source

Table: Mass Source						
MassSource	Elements	Masses	Loads	IsDefault	LoadPat	Multiplier
MSSSRC1	No	No	Yes	Yes	DEAD	1.
MSSSRC1					PERM_G1	1.
MSSSRC1					PERM_G2	1.
MSSSRC1					VAR	0.33

Table: Modal Load Participation Ratios

Table: Modal Load Participation Ratios				
OutputCase	ItemType	Item	Static Percent	Dynamic Percent
MODAL	Acceleration	UX	99.9942	98.8205
MODAL	Acceleration	UY	99.9954	98.92
MODAL	Acceleration	UZ	92.5314	72.3933

Table: Modal Participating Mass Ratios, Part 1 of 2

Table: Modal Participating Mass Ratios, Part 1 of 2											
OutputCase	StepType	StepNum	Period Sec	UX	UY	UZ	SumUX	SumUY	SumUZ	RX	RY
MODAL	Mode	1.	0.506186	0.00912	0.00303	2.788E-08	0.00912	0.00303	2.788E-08	4.469E-06	0.00014
MODAL	Mode	2.	0.214438	0.22293	0.60219	3.223E-06	0.23204	0.60522	3.251E-06	0.00069	0.00724
MODAL	Mode	3.	0.196021	0.58784	0.2383	0.00029	0.81989	0.84352	0.0003	0.00032	0.01983
MODAL	Mode	4.	0.155738	0.00196	1.441E-07	1.347E-06	0.82184	0.84352	0.0003	4.902E-05	0.00065
MODAL	Mode	5.	0.077106	2.095E-07	5.164E-10	0.12111	0.82184	0.84352	0.1214	0.12546	3.577E-05
MODAL	Mode	6.	0.07709	5.526E-07	2.245E-06	0.1311	0.82184	0.84352	0.2525	0.06291	3.965E-05
MODAL	Mode	7.	0.076709	1.690E-06	2.626E-06	0.00046	0.82184	0.84352	0.25297	0.01049	9.151E-07
MODAL	Mode	8.	0.076649	2.629E-06	1.278E-05	3.901E-05	0.82185	0.84353	0.25301	0.01167	4.962E-07
MODAL	Mode	9.	0.075938	4.673E-06	1.487E-07	0.00923	0.82185	0.84353	0.26223	0.00686	6.914E-06
MODAL	Mode	10.	0.075877	9.431E-06	2.137E-05	0.01395	0.82186	0.84356	0.27618	0.00429	1.075E-05
MODAL	Mode	11.	0.074654	0.00037	1.962E-05	0.05799	0.82223	0.84358	0.33417	0.00074	0.00016
MODAL	Mode	12.	0.073768	5.735E-07	3.049E-05	0.00033	0.82224	0.84361	0.3345	0.00097	1.529E-06
MODAL	Mode	13.	0.066139	0.00309	0.14344	0.00012	0.82533	0.98704	0.33462	0.00466	0.00109
MODAL	Mode	14.	0.061977	7.719E-05	2.413E-05	0.015	0.8254	0.98707	0.34963	0.04917	0.0174
MODAL	Mode	15.	0.059747	1.878E-06	2.797E-06	0.02554	0.8254	0.98707	0.37517	0.07401	4.644E-07
MODAL	Mode	16.	0.059276	0.00251	4.526E-05	0.06654	0.82791	0.98712	0.44171	0.00107	0.55406
MODAL	Mode	17.	0.059226	8.046E-06	6.705E-07	0.00052	0.82792	0.98712	0.44223	0.01733	0.00029
MODAL	Mode	18.	0.059194	0.00071	1.276E-05	0.19384	0.82863	0.98713	0.63607	0.00383	0.08744
MODAL	Mode	19.	0.059173	5.839E-07	1.590E-07	1.604E-05	0.82863	0.98713	0.63609	0.19259	8.057E-05
MODAL	Mode	20.	0.059131	1.230E-05	3.568E-07	0.07111	0.82864	0.98713	0.70719	0.00077	0.00058
MODAL	Mode	21.	0.059003	9.079E-07	5.553E-08	7.103E-06	0.82864	0.98713	0.7072	0.02431	9.058E-06
MODAL	Mode	22.	0.058854	5.288E-05	3.926E-07	0.00197	0.82869	0.98713	0.70917	3.774E-05	0.00026
MODAL	Mode	23.	0.058846	1.295E-06	1.694E-06	2.167E-05	0.82869	0.98713	0.70919	0.0116	1.150E-06
MODAL	Mode	24.	0.058788	8.927E-05	1.166E-06	0.00382	0.82878	0.98713	0.71302	1.243E-05	0.01035
MODAL	Mode	25.	0.058519	8.926E-06	1.470E-08	7.917E-06	0.82879	0.98713	0.71302	0.00653	4.544E-06
MODAL	Mode	26.	0.058255	0.00168	2.247E-05	0.00357	0.83047	0.98716	0.71659	0.00018	0.01654
MODAL	Mode	27.	0.058237	5.158E-06	4.291E-11	4.794E-06	0.83048	0.98716	0.7166	0.00478	5.433E-05

Table: Modal Participating Mass Ratios, Part 1 of 2

OutputCase	StepType	StepNum	Period Sec	UX	UY	UZ	SumUX	SumUY	SumUZ	RX	RY
MODAL	Mode	28.	0.058204	0.00017	1.890E-06	0.00577	0.83064	0.98716	0.72237	2.058E-05	0.00042
MODAL	Mode	29.	0.057965	9.225E-10	4.213E-09	1.583E-06	0.83064	0.98716	0.72237	0.00095	1.658E-06
MODAL	Mode	30.	0.057682	0.15756	0.00204	0.00156	0.98821	0.9892	0.72393	2.232E-08	0.02798

Table: Modal Participating Mass Ratios, Part 2 of 2

Table: Modal Participating Mass Ratios, Part 2 of 2

OutputCase	StepType	StepNum	RZ	SumRX	SumRY	SumRZ
MODAL	Mode	1.	0.84711	4.469E-06	0.00014	0.84711
MODAL	Mode	2.	0.00741	0.00069	0.00738	0.85452
MODAL	Mode	3.	0.00419	0.00101	0.02721	0.85871
MODAL	Mode	4.	0.12993	0.00106	0.02786	0.98864
MODAL	Mode	5.	3.160E-09	0.12651	0.0279	0.98864
MODAL	Mode	6.	3.707E-08	0.18942	0.02794	0.98864
MODAL	Mode	7.	8.968E-08	0.19991	0.02794	0.98864
MODAL	Mode	8.	2.289E-08	0.21158	0.02794	0.98864
MODAL	Mode	9.	8.481E-08	0.21844	0.02794	0.98864
MODAL	Mode	10.	4.658E-07	0.22273	0.02796	0.98864
MODAL	Mode	11.	5.765E-06	0.22347	0.02812	0.98864
MODAL	Mode	12.	6.535E-07	0.22444	0.02812	0.98864
MODAL	Mode	13.	0.00157	0.2291	0.02921	0.99021
MODAL	Mode	14.	8.876E-07	0.27827	0.0466	0.99022
MODAL	Mode	15.	9.715E-08	0.35227	0.0466	0.99022
MODAL	Mode	16.	2.064E-05	0.35334	0.60066	0.99024
MODAL	Mode	17.	4.675E-07	0.37068	0.60095	0.99024
MODAL	Mode	18.	5.723E-06	0.37451	0.68839	0.99024
MODAL	Mode	19.	5.153E-08	0.56709	0.68847	0.99024
MODAL	Mode	20.	9.341E-08	0.56786	0.68905	0.99024
MODAL	Mode	21.	6.417E-08	0.59217	0.68906	0.99024
MODAL	Mode	22.	4.574E-07	0.5922	0.68932	0.99024
MODAL	Mode	23.	2.372E-08	0.6038	0.68932	0.99024
MODAL	Mode	24.	7.559E-07	0.60382	0.69967	0.99024
MODAL	Mode	25.	1.672E-07	0.61035	0.69967	0.99024
MODAL	Mode	26.	1.416E-05	0.61053	0.71621	0.99026
MODAL	Mode	27.	1.077E-07	0.6153	0.71626	0.99026
MODAL	Mode	28.	1.409E-06	0.61532	0.71668	0.99026

Table: Modal Participating Mass Ratios, Part 2 of 2

OutputCase	StepType	StepNum	RZ	SumRX	SumRY	SumRZ
MODAL	Mode	29.	1.262E-09	0.61627	0.71668	0.99026
MODAL	Mode	30.	0.00132	0.61627	0.74466	0.99158

Table: Modal Participation Factors

Table: Modal Participation Factors

OutputCase	StepType	StepNum	Period Sec	UX KN-m	UY KN-m	UZ KN-m	RX KN-m	RY KN-m	RZ KN-m	ModalMass KN-m-s2	ModalStiff KN-m
MODAL	Mode	1.	0.506186	4.384135	-2.52587	-0.007668	1.768658	3.198833	-802.636605	1.	154.07768
MODAL	Mode	2.	0.214438	21.680733	-35.633792	-0.082442	21.923808	23.1616	75.052418	1.	858.53438
MODAL	Mode	3.	0.196021	35.206734	22.41585	0.786008	-14.851909	38.330293	56.432965	1.	1027.43105
MODAL	Mode	4.	0.155738	-2.030472	0.01743	-0.053296	5.85752	6.925304	314.343483	1.	1627.68553
MODAL	Mode	5.	0.077106	-0.021019	-0.001043	-15.979977	296.338202	1.627723	-0.049025	1.	6640.19093
MODAL	Mode	6.	0.07709	0.034135	-0.068798	16.626418	209.84351	-1.713831	0.167899	1.	6642.9828
MODAL	Mode	7.	0.076709	-0.059691	0.074409	-0.987834	-85.669773	0.260362	-0.261152	1.	6709.23021
MODAL	Mode	8.	0.076649	-0.074452	-0.164185	-0.286805	90.374012	0.191721	0.131933	1.	6719.57865
MODAL	Mode	9.	0.075938	0.099262	-0.017707	4.410785	-69.307262	-0.715677	0.253958	1.	6846.13774
MODAL	Mode	10.	0.075877	0.14102	-0.212275	5.423704	54.827536	-0.892192	0.595201	1.	6857.13583
MODAL	Mode	11.	0.074654	-0.888988	0.20339	-11.057741	22.699832	3.476068	-2.093878	1.	7083.57868
MODAL	Mode	12.	0.073768	0.034775	-0.253551	0.835176	-26.043974	-0.336502	0.704959	1.	7254.69253
MODAL	Mode	13.	0.066139	2.552505	-17.39106	0.503998	-57.110269	-8.972976	34.570255	1.	9024.99014
MODAL	Mode	14.	0.061977	0.403427	-0.225577	5.624222	185.518917	-35.897214	0.821584	1.	10277.77474
MODAL	Mode	15.	0.059747	0.062927	-0.076794	-7.338384	227.601407	0.185487	0.271815	1.	11059.20054
MODAL	Mode	16.	0.059276	2.298647	0.308919	11.845171	-27.373801	-202.593097	3.961778	1.	11235.80208
MODAL	Mode	17.	0.059226	0.13025	0.037602	-1.050026	-110.151354	4.597985	0.596252	1.	11254.62377
MODAL	Mode	18.	0.059194	1.221959	0.164024	-20.217141	51.768029	-80.481902	2.0863	1.	11267.08387
MODAL	Mode	19.	0.059173	0.03509	0.018311	0.183893	367.157726	2.443059	0.197965	1.	11274.91475
MODAL	Mode	20.	0.059131	-0.16102	-0.027429	-12.244657	23.165467	6.554056	-0.266527	1.	11291.0457
MODAL	Mode	21.	0.059003	-0.043753	-0.01082	0.122381	130.433528	-0.819156	-0.220918	1.	11340.0956
MODAL	Mode	22.	0.058854	-0.333921	-0.028772	2.03783	5.139698	-4.396721	-0.589807	1.	11397.36214
MODAL	Mode	23.	0.058846	-0.05225	0.059766	-0.213782	90.115785	0.29184	-0.134313	1.	11400.47311
MODAL	Mode	24.	0.058788	-0.433852	-0.049587	-2.83947	2.94967	27.686061	-0.758213	1.	11423.11283
MODAL	Mode	25.	0.058519	-0.137191	0.005568	0.129206	67.612544	-0.580196	-0.356609	1.	11528.13475
MODAL	Mode	26.	0.058255	1.881575	0.217655	-2.74299	11.179928	-35.000158	3.282084	1.	11633.02365
MODAL	Mode	27.	0.058237	-0.104293	-0.000301	-0.100538	-57.813162	-2.006135	-0.286159	1.	11640.26346
MODAL	Mode	28.	0.058204	0.591882	0.063122	-3.488134	3.795494	-5.577219	1.035116	1.	11653.26324
MODAL	Mode	29.	0.057965	-0.001395	-0.002981	-0.057769	-25.798174	0.350458	0.030978	1.	11749.54945

Table: Modal Participation Factors

OutputCase	StepType	StepNum	Period Sec	UX KN-m	UY KN-m	UZ KN-m	RX KN-m	RY KN-m	RZ KN-m	ModalMass KN-m-s2	ModalStiff KN-m
MODAL	Mode	30.	0.057682	18.22725	2.075206	-1.815667	0.125003	-45.52765	31.724464	1.	11865.46742

Table: Modal Periods And Frequencies

Table: Modal Periods And Frequencies

OutputCase	StepType	StepNum	Period Sec	Frequency Cyc/sec	CircFreq rad/sec	Eigenvalue rad2/sec2
MODAL	Mode	1.	0.506186	1.9756E+00	1.2413E+01	1.5408E+02
MODAL	Mode	2.	0.214438	4.6634E+00	2.9301E+01	8.5853E+02
MODAL	Mode	3.	0.196021	5.1015E+00	3.2054E+01	1.0274E+03
MODAL	Mode	4.	0.155738	6.4210E+00	4.0345E+01	1.6277E+03
MODAL	Mode	5.	0.077106	1.2969E+01	8.1487E+01	6.6402E+03
MODAL	Mode	6.	0.07709	1.2972E+01	8.1504E+01	6.6430E+03
MODAL	Mode	7.	0.076709	1.3036E+01	8.1910E+01	6.7092E+03
MODAL	Mode	8.	0.076649	1.3046E+01	8.1973E+01	6.7196E+03
MODAL	Mode	9.	0.075938	1.3169E+01	8.2741E+01	6.8461E+03
MODAL	Mode	10.	0.075877	1.3179E+01	8.2808E+01	6.8571E+03
MODAL	Mode	11.	0.074654	1.3395E+01	8.4164E+01	7.0836E+03
MODAL	Mode	12.	0.073768	1.3556E+01	8.5174E+01	7.2547E+03
MODAL	Mode	13.	0.066139	1.5120E+01	9.5000E+01	9.0250E+03
MODAL	Mode	14.	0.061977	1.6135E+01	1.0138E+02	1.0278E+04
MODAL	Mode	15.	0.059747	1.6737E+01	1.0516E+02	1.1059E+04
MODAL	Mode	16.	0.059276	1.6870E+01	1.0600E+02	1.1236E+04
MODAL	Mode	17.	0.059226	1.6884E+01	1.0609E+02	1.1255E+04
MODAL	Mode	18.	0.059194	1.6894E+01	1.0615E+02	1.1267E+04
MODAL	Mode	19.	0.059173	1.6900E+01	1.0618E+02	1.1275E+04
MODAL	Mode	20.	0.059131	1.6912E+01	1.0626E+02	1.1291E+04
MODAL	Mode	21.	0.059003	1.6948E+01	1.0649E+02	1.1340E+04
MODAL	Mode	22.	0.058854	1.6991E+01	1.0676E+02	1.1397E+04
MODAL	Mode	23.	0.058846	1.6993E+01	1.0677E+02	1.1400E+04
MODAL	Mode	24.	0.058788	1.7010E+01	1.0688E+02	1.1423E+04
MODAL	Mode	25.	0.058519	1.7088E+01	1.0737E+02	1.1528E+04
MODAL	Mode	26.	0.058255	1.7166E+01	1.0786E+02	1.1633E+04
MODAL	Mode	27.	0.058237	1.7171E+01	1.0789E+02	1.1640E+04
MODAL	Mode	28.	0.058204	1.7181E+01	1.0795E+02	1.1653E+04
MODAL	Mode	29.	0.057965	1.7252E+01	1.0840E+02	1.1750E+04
MODAL	Mode	30.	0.057682	1.7337E+01	1.0893E+02	1.1865E+04

COMUNE DI MONZA (MB)

Istituto comprensivo "Koinè":

Appalto integrato delle Scuole Primaria Omero e Secondaria Sandro Pertini del Comune di Monza.

SETTANTA7 SRL



7.2. Listato di verifica delle sezioni



Rinforzo a pressoflessione di una PILASTRO con FRP**Normativa di riferimento:**

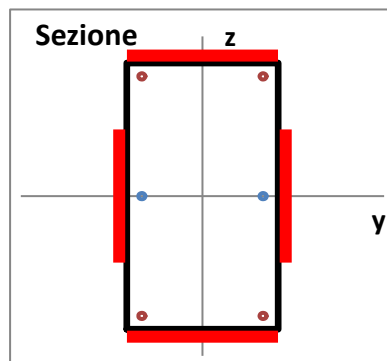
NTC2018 - D.M. 17/01/2018 - Norme Tecniche per le Costruzioni

Circolare n.7 del 21/1/2019 - Istruzioni per l'applicazione delle NTC

CNR-DT200 R1/2013 - Consolidamento statico mediante compositi fibrorinforzati

Dati geometrici della sezione

b =	30.00	cm	Base della sezione
h =	60.00	cm	Altezza sezione
d' =	3.00	cm	Copriferro
A _{spig} =	1	φ 14	Ferro di spigolo
A _{s,sup} =	0	φ 14	Ferri superiori (oltre i ferri di spig.)
A _{s,inf} =	0	φ 14	Ferri inferiori (oltre i ferri di spig.)
A _{s,lat} =	1	φ 14	Armatura lat. (oltre i ferri di spig.)

**Materiali****Calcestruzzo**

Tipo: C20/25

Acciaio

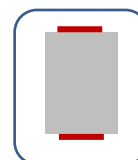
Classe: FeB44k

E_s = 210'000 N/mm² modulo elastico dell'acciaio

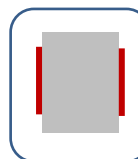
Livello di conoscenza LC1 - Conosc. Limitata FC=1.35

Tessuto in FRPf_{fk} = 2'700 N/mm² Resis. Caratt. del tessuto in FRP nella direz. delle fibreE_f = 240'000 N/mm² modulo elastico dell'FRP**RINFORZO IN FRP****Dati geometrici del rinforzo per momento My**

b _{f,y} =	300	mm	larghezza dello strato di FRP
t _{f,y} =	0.170	mm	spessore equivalente dello strato di FRP
n _f =	2		numero di strati di FRP

**Dati geometrici del rinforzo per momento Mz**

b _{f,z} =	300	mm	larghezza dello strato di FRP
t _{f,z} =	0.170	mm	spessore equivalente dello strato di FRP
n _{f,z} =	2		numero di strati di FRP

**Applicazione, esposizione, tipo di composito**

Applicaz. Tipo A: certificati sia i materiali che il sistema completo

γ_f = 1.10 coefficiente parziale per rottura per strappoγ_{fd} = 1.20 coefficiente parziale per rottura per delaminazione

Esposiz.: Interna

fibra/res.: Carbonio/Epossidica

η_a = 0.95 fattore di conversione ambientale

Tipo: Compositi impregnati in situ

Carico: Altri casi

Altri parametri

Coefficienti parziali di sicurezza

$\alpha_{cc} =$	0.85	Coefficiente riduttivo del cls per resistenze di lunga durata
$\gamma_c =$	1.00	Coefficiente di sicurezza del cls
$\gamma_s =$	1.00	Coefficiente di sicurezza dell'acciaio

Confinamento in FRP

$p_f =$	50.00	cm	Passo delle fasce di tessuto
$b_f =$	30.00	cm	Altezza della striscia
$t_f =$	0.170	mm	Spessore del tessuto in FRP
$n_f =$	1		Numero di strati del confinamento
$\alpha_f =$	0.00	°	Inclinazione delle fibre rispetto all'asse verticale
$r =$	4.00	cm	Raggio di curvatura spigolo della sezione (min. 2 cm)

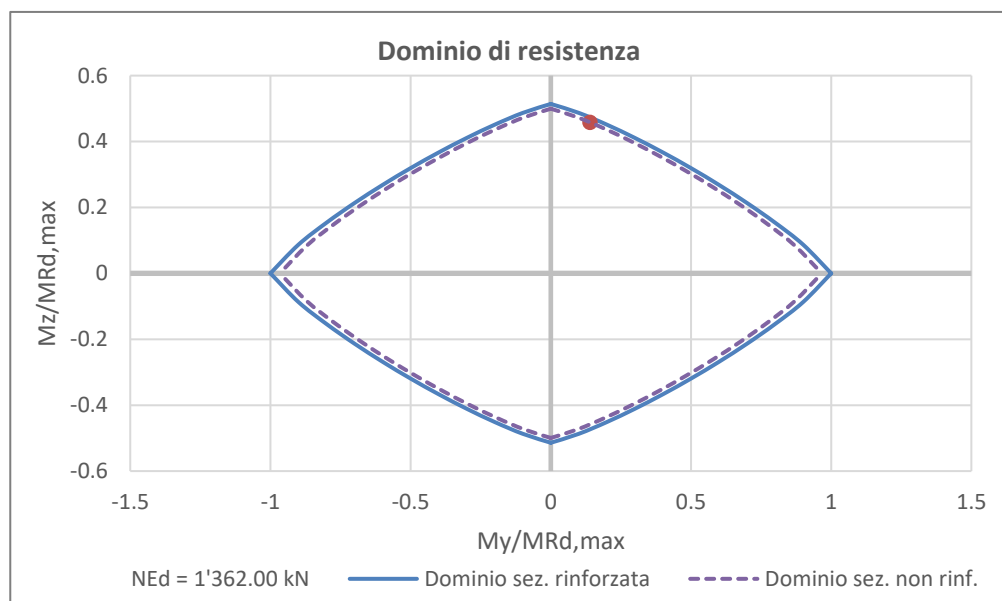
Sollecitazioni allo SLU

$N_{Ed} =$	1'362.00	kN	Sforzo normale sollecitante
$M_{Ed,y} =$	31.00	kNm	Momento sollecitante intorno all'asse y
$M_{Ed,z} =$	102.00	kNm	Momento sollecitante intorno all'asse z

Momenti resistenti

$M_{Rd,y}^{FRP} =$	222.55	kNm	Momento resist. Y sezione rinforzata
$M_{Rd,y} =$	215.05	kNm	Momento resist. Y sezione non rinforzata
$M_{Rd,z}^{FRP} =$	114.39	kNm	Momento resist. Z sezione rinforzata
$M_{Rd,z} =$	111.14	kNm	Momento resist. Z sezione non rinforzata

Verifica a pressoflessione deviata allo SLU					Esito
Pressoflessione senza rinforzo	SF =	✓ 1.00	≤	1.00	Positivo
Pressoflessione con rinforzo	$SF^{FRP} =$	✓ 0.97	≤	1.00	Positivo



Altre verifiche						SF	Esito
Incremento di $M_{Rd,y}$	$\Delta M_{Rd,y} =$	3.5	\leq	50.0	%	✓ 0.07	Positivo
Incremento di $M_{Rd,z}$	$\Delta M_{Rd,z} =$	2.9	\leq	50.0	%	✓ 0.06	Positivo
FRP dopo snerv.	$\varepsilon_{fd} =$	0.0	\geq	$\varepsilon_{sy} =$	0.0015	✓ 0.16	Positivo

Controllo sull'eccentricità					SF	Esito
$e_y =$	2.28E+00	<	$d_{n,y}$ [cm]=	10.00	⚠ 4.39	Piccola eccentricità
$e_z =$	7.49E+00	>	$d_{n,z}$ [cm]=	5.00	✓ 0.67	Grande eccentricità

Efficacia del confinamento					SF	Esito
$f_{l,eff}/f_{cd} =$	0.005	<		0.050	⚠ 0.10	Confinamento inefficace
$b/h =$	2.000	<		2.000	✓ 1.00	Confinamento efficace
$\max(b,h)=$	60.000	<	d_{max} [cm]=	90.000	✓ 1.50	Confinamento efficace

Sviluppo dei calcoli

Dati geometrici del rinforzo

Rinforzo per M_y

$b_{f,y} =$	300	mm	Larghezza dello strato di FRP
$t_{f,y} =$	0.170	mm	Spessore equivalente dello strato di FRP
$n_{f,y} =$	2		numero di strati di FRP

Rinforzo per M_z

$b_{f,z} =$	300	mm	Larghezza dello strato di FRP
$t_{f,z} =$	0.170	mm	Spessore equivalente dello strato di FRP
$n_{f,z} =$	2		numero di strati di FRP

Aree di armatura e area del rinforzo

$A_{s,sup} =$	0.00	mm ²	Armatura superiore
$A_{s,inf} =$	0.00	mm ²	Armatura inferiore
$A_{spig.} =$	153.94	mm ²	Armatura di spigolo
$A_{s,lat} =$	153.94	mm ²	Armatura laterale
$A_{f,y} =$	102.00	mm ²	Area del rinforzo in FRP per momento M_y
$A_{f,z} =$	102.00	mm ³	Area del rinforzo in FRP per momento M_z

Proprietà dei materiali

$\alpha_{cc} =$	0.85		Coefficiente riduttivo per resistenze di lunga durata
$\gamma_c =$	1.00		Coefficiente di sicurezza del cls
$\gamma_s =$	1.00		Coefficiente di sicurezza dell'acciaio
$f_{ck} =$	20.00	N/mm ²	resistenza caratteristica cilindrica del cls

Resistenza e deformazione ultima del calcestruzzo confinato con FRP

Nota: il confinamento è sempre necessario nel rinforzo a presso-flessione dei pilastri al fine di evitare il distacco

$p_f =$	50.00	cm	Passo delle fasce di tessuto
$p'_f =$	20.00	cm	Distanza netta fra le strisce di tessuto
$b_f =$	30.00	cm	Altezza della striscia
$t_{f,c} =$	0.170	mm	Spessore complessivo del confinamento in FRP
$d_{min} =$	30.00	cm	Dimensione minima della sezione
$k_v =$	0.44		Coeff. di efficacia verticale
$\alpha_f =$	0.00	°	Inclinazione delle fibre rispetto all'asse verticale
$k_\alpha =$	1.00		Coefficiente di efficienza per inclinazione delle fibre
$b =$	30.00	cm	Base della sezione
$h =$	60.00	cm	Altezza della sezione
$b' =$	22.00	cm	Dimensione depurata del raggio di curvatura
$h' =$	52.00	cm	Dimensione depurata del raggio di curvatura
$k_H =$	0.410		Coefficiente di efficacia orizzontale
$\rho_f =$	0.0010		Percentuale geometrica di rinforzo
$E_f =$	240'000	Mpa	Modulo elastico del tessuto in direzione delle fibre
$\varepsilon_{fd,rid} =$	0.0040		Deform. ridotta di calcolo a rottura dell'FRP per elem. p.infl.
$f_l =$	0.49	MPa	Pressione di confinamento
$k_{eff} =$	0.182		Coefficiente di efficienza

Rinforzo a pressoflessione

$f_{l,eff} =$	0.09	MPa	Pressione efficace di confinamento
$f_{l,eff} =$	8.91	N/cm ²	Pressione efficace di confinamento
$f_{cd} =$	17.00	MPa	Resistenza di progetto del calcestruzzo
$f_{l,eff}/f_{cd} =$	0.01		
$f_{ccd}/f_{cd} =$	1.08		Incremento di resistenza del cls confinato

Efficacia del confinamento (test per il calcolo)

$f_{ccd} =$	17.00	MPa	Resistenza di progetto del calcestruzzo confinato
$\epsilon_{cu} =$	0.0035		Deformazione ultima del calcestruzzo
$\epsilon_{ccu} =$	0.0035		Deformazione ultima del calcestruzzo confinato

Resistenze di progetto dei materiali

$f_{cd} =$	17.00	N/mm ²	resistenza di progetto cilindrica del cls
$f_{ctm} =$	2.21	N/mm ²	resistenza media a trazione semplice del cls
$f_{yk} =$	430.00	N/mm ²	tensione caratteristica di snervamento dell'acciaio
$f_{yd} =$	430.00	N/mm ²	tensione di snervamento di progetto dell'acciaio
$f_{fk} =$	2'700.00	N/mm ²	Resistenza caratteristica del tessuto in FRP nella direz. delle fibre

Moduli elastici

$E_s =$	210'000	N/mm ²	modulo elastico dell'acciaio
$E_f =$	240'000	N/mm ²	modulo elastico dell'FRP

Resistenze ridotte (solo per strutture esistenti)

LC =	LC1 - Conosc. Limitata	FC=1.35	
FC =	1.35		Fattore di confidenza
$f_{cd}/FC =$	12.59	N/mm ²	Resistenza del calcestruzzo ridotta
$f_{ccd}/FC =$	12.59	N/mm ²	Resistenza del calcestruzzo confinato ridotta
$f_{yd}/FC =$	318.52	N/mm ²	Resistenza dell'acciaio ridotta

Resistenza del composito in FRP

$b_f/b =$	1.000		Rapporto fra larghezza del rinforzo e larghezza della trave
$k_b =$	1.000		fattore geometrico
$k_G =$	0.037	mm	
$\gamma_{fd} =$	1.20		coefficiente parziale per rottura per delaminazione
$k_{cr} =$	3.00		coefficiente
$\Gamma_{Fd} =$	0.182	N/mm ²	Energia specifica di frattura
$k_q =$	1.000		Coefficiente per la condizione di carico
$k_{G,2} =$	0.100		Coefficiente sperimentale
$f_{fdd,1} =$	422.68	N/mm ²	Resistenza per distacco di estremità (modo 1)
$f_{fdd,2} =$	694.88	N/mm ²	Resistenza per distacco intermedio (modo 2)

Controllo sull'eccentricità*Flessione intorno all'asse Y*

$e_y =$	2.28E+00	cm	eccentricità per momento My (My/N)
$d_{n,y} =$	1.00E+01	cm	Lunghezza del nocciolo centrale d'inerzia

Flessione intorno all'asse Z

$e_z =$	7.49E+00	cm	eccentricità per momento Mz (My/N)
$d_{n,z} =$	5.00E+00	cm	Lunghezza del nocciolo centrale d'inerzia

Deformazioni limite dei materiali

Rinforzo a pressoflessione

$\epsilon_{cu} =$	0.0035	deformazione ultima nel cls
$\epsilon_{ccu} =$	0.0035	Deformazione ultima del calcestruzzo confinato
$\epsilon_{sy} =$	0.0015	deformaz. al limite elastico dell'acciaio
$\eta_a =$	0.95	fattore di conversione ambientale
$\gamma_f =$	1.10	Coefficiente parziale per collasso per strappo
$\epsilon_{fk} =$	0.0113	deformazione caratteristica a rottura del rinforzo
$\epsilon_0 =$	0.0000	deformazione iniziale al lembo teso del cls per carichi agenti
$\eta_a \cdot \epsilon_{fk} / \gamma_f =$	0.0097	Deformazione a rottura del rinforzo
$\epsilon_{fd} =$	0.0097	deformazione massima di progetto nel rinforzo di FRP

Coefficienti di riduzione del cls (stress block)

$\psi =$	0.80	coeff. di riduz. di γ_c (stress block)
$\lambda =$	0.40	coeff. di riduz. di γ_c per il calcolo del braccio

Sezione rinforzata: Calcolo del momento resistente $M_{Rd,y}$ intorno ad y

$\gamma_{c,lim} =$	158.90	mm	Valore limite dell'asse neutro per rottura lato cls o lato FRP
$b =$	300.00	mm	Base della sezione
$h =$	600.00	mm	Altezza sezione
$d' =$	30.00	mm	Copriferro
$\gamma_c =$	430.81	mm	Asse neutro

Deformazioni nei materiali

Rottura:	lato cls - zona 2		Tipo di rottura
$\epsilon_f =$	-0.0014		deformazione nell'FRP
$\epsilon'_s =$	0.0033		deformazione dell'armatura compressa
$\epsilon_s =$	-0.0011		deformazione dell'armatura tesa
$\sigma'_s =$	318.52	N/mm ²	tensione nell'armatura compressa
$\sigma_s =$	-237.48	N/mm ²	tensione nell'armatura tesa
$\sigma_f =$	-329.90	N/mm ²	Tensione nel rinforzo in FRP
$\gamma'_c =$	430.81	mm	Asse neutro per l'equilibrio alla traslazione (compreso fra 0 e h)
$A'_s =$	307.88	mm ²	Armatura compressa
$A_s =$	307.88	mm ²	Armatura tesa
$A_f =$	102.00	mm ²	Area del rinforzo in FRP
$N'_s =$	9.81E+04	N	Sforzo nell'armatura compressa
$N_s =$	-7.31E+04	N	Sforzo nell'armatura tesa
$N_f =$	-3.36E+04	N	Sforzo nell'FRP
$N_c =$	1.30E+06	N	Sforzo nel calcestruzzo compresso
$N_{Ed} =$	1.36E+06	N	Sforzo normale sollecitante
$\gamma_{Rd} =$	1.00		Coefficiente parziale per il modello di resistenza a flessione
$\Delta N(\gamma_c)$	3.63E-06	N	equilibrio alla traslazione
$M_{Rd,y}^{FRP} =$	222.55	kNm	momento resistente allo SLU

Sezione senza rinforzo: Calcolo del momento resistente $M_{Rd,y}$ intorno ad y

$b =$	300.00	mm	Base della sezione
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Rinforzo a pressoflessione

$h =$	600.00	mm	Altezza sezione
$d' =$	30.00	mm	Copriferro
$y_c =$	422.61	mm	Asse neutro

Deformazioni nei materiali

$\epsilon'_s =$	0.0033		deformazione dell'armatura compressa
$\epsilon_s =$	-0.0012		deformazione dell'armatura tesa

$\sigma'_s =$	318.52	N/mm ²	tensione nell'armatura compressa
$\sigma_s =$	-256.35	N/mm ²	tensione nell'armatura tesa
$y'_c =$	422.61	mm	Asse neutro per l'equilibrio alla traslazione (compreso fra 0 e h)

$A'_s =$	307.88	mm ²	Armatura compressa
$A_s =$	307.88	mm ²	Armatura tesa
$N'_s =$	9.81E+04	N	Sforzo nell'armatura compressa
$N_s =$	-7.89E+04	N	Sforzo nell'armatura tesa
$N_c =$	1.28E+06	N	Sforzo nel calcestruzzo compresso
$N_{Ed} =$	1.36E+06	N	Sforzo normale sollecitante

$\Delta N(y_c)$	9.63E-06	N	equilibrio alla traslazione
$M_{Rd,y} =$	215.05	kNm	momento resistente allo SLU

Incremento del momento resistente

$\Delta M_{Rd,y} =$	3.49	%	Incremento del momento resistente intorno ad Y
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Sezione rinforzata: Calcolo del momento resistente $M_{Rd,z}$ intorno a z

$y_{c,lim} =$	79.45	mm	Valore limite dell'asse neutro per rottura lato cls o lato FRP
$b =$	300.00	mm	Base della sezione
$h =$	600.00	mm	Altezza sezione
$d' =$	30.00	mm	Copriferro
$y_c =$	219.22	mm	Asse neutro

Deformazioni nei materiali

Rottura:	lato cls - zona 2		Tipo di rottura
$\epsilon_f =$	-0.0013		deformazione nell'FRP
$\epsilon'_s =$	0.0030		deformazione dell'armatura compressa
$\epsilon_s =$	-0.0008		deformazione dell'armatura tesa
$\sigma'_s =$	318.52	N/mm ²	tensione nell'armatura compressa
$\sigma_s =$	-170.24	N/mm ²	tensione nell'armatura tesa
$\sigma_f =$	-309.51	N/mm ²	Tensione nel rinforzo in FRP
$y'_c =$	219.22	mm	Asse neutro per l'equilibrio alla traslazione (compreso fra 0 e b)
$A'_s =$	461.81	mm ²	Armatura compressa
$A_s =$	461.81	mm ²	Armatura tesa
$A_f =$	102.00	mm ²	Area del rinforzo in FRP
$N'_s =$	1.47E+05	N	Sforzo nell'armatura compressa
$N_s =$	-7.86E+04	N	Sforzo nell'armatura tesa
$N_f =$	-3.16E+04	N	Sforzo nell'FRP
$N_c =$	1.33E+06	N	Sforzo nel calcestruzzo compresso

Rinforzo a pressoflessione

$N_{Ed} = 1.36E+06$ N Sforzo normale sollecitante

$\gamma_{Rd} = 1.00$ Coeff. parziale per il modello di resistenza a fless./pressofless.

$\Delta N(\gamma_c) = 0.00$ N equilibrio alla traslazione

$M_{Rd,z}^{FRP} = 114.39$ kNm momento resistente allo SLU

Sezione senza rinforzo: Calcolo del momento resistente $M_{Rd,z}$ intorno a z

$b = 300.00$ mm Base della sezione

$h = 600.00$ mm Altezza sezione

$d' = 30.00$ mm Copriferro

$y_c = 215.27$ mm Asse neutro

Deformazioni nei materiali

$\epsilon'_s = 0.0030$ deformazione dell'armatura compressa

$\epsilon_s = -0.0009$ deformazione dell'armatura tesa

$\sigma'_s = 318.52$ N/mm² tensione nell'armatura compressa

$\sigma_s = -186.86$ N/mm² tensione nell'armatura tesa

$y'_c = 215.27$ mm Asse neutro per l'equilibrio alla traslazione (compreso fra 0 e h)

$A'_s = 461.81$ mm² Armatura compressa

$A_s = 461.81$ mm² Armatura tesa

$N'_s = 1.47E+05$ N Sforzo nell'armatura compressa

$N_s = -8.63E+04$ N Sforzo nell'armatura tesa

$N_c = 1.30E+06$ N Sforzo nel calcestruzzo compresso

$N_{Ed} = 1.36E+06$ N Sforzo normale sollecitante

$\Delta N(\gamma_c) = -5.91E-07$ N equilibrio alla traslazione

$M_{Rd,z} = 111.14$ kNm momento resistente allo SLU

Incremento del momento resistente

$\Delta M_{Rd,z} = 2.92$ % Incremento del momento resistente intorno a Z

Verifica a pressoflessione deviata senza rinforzo

$$\left(\frac{M_{E_{yd}}}{M_{R_{yd}}} \right)^{\alpha} + \left(\frac{M_{E_{zd}}}{M_{R_{zd}}} \right)^{\alpha} \leq 1$$

$\alpha = 1.20$

$M_{ed,y}/M_{Rd,y} = 0.14$

$M_{ed,z}/M_{Rd,z} = 0.92$

SF = 1.000 Fattore di sicurezza per verifica a p.fless.

Verifica				Esito
SF =	1.000	≤	1.00	Positivo

Verifica a pressoflessione deviata con rinforzo in FRP

$$\left(\frac{M_{E_{yd}}}{M_{R_{yd}}}\right)^{\alpha} + \left(\frac{M_{E_{zd}}}{M_{R_{zd}}}\right)^{\alpha} \leq 1$$

$\alpha =$

1.20

$M_{ed,y}/M_{Rd,y}^{FRP} =$

0.14

$M_{ed,z}/M_{Rd,z}^{FRP} =$

0.89

SF =

0.965

Fattore di sicurezza per verifica a p.fless.

Verifica				Esito
SF =	0.965	≤	1.00	Positivo

Verifica dei PILASTRI - pressoflessione retta o deviata allo SLU**Normativa di riferimento:**

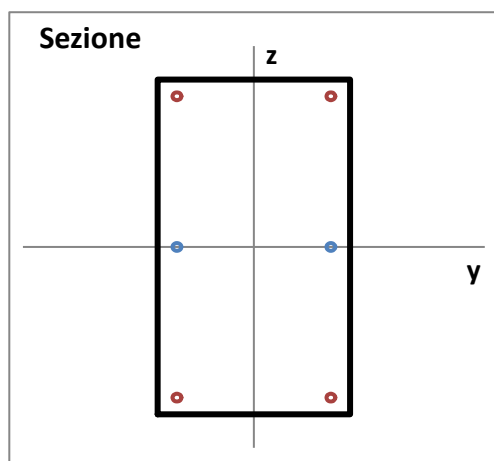
NTC2018 - D.M. 17/01/2018 - Norme Tecniche per le Costruzioni

Circolare n.7 del 21/1/2019 - Istruzioni per l'applicazione delle NTC

Dati geometrici

b =	30.00	cm	Base della sezione
h =	60.00	cm	Altezza sezione
d' =	3.00	cm	Copriferro
$A_{s,spig} =$	1	ϕ 14	Armatura di spigolo
$A_{s,sup} =$	0	ϕ 14	Armatura superiore
$A_{s,inf} =$	0	ϕ 14	Armatura inferiore
$A_{s,lat} =$	1	ϕ 14	Armatura laterale

Considera contributo dell'armatura laterale: si - (consigliato)

**Comportamento strutturale**

comportamento strutturale: dissipativo - calcolo plastico

Materiali**Calcestruzzo non confinato**

Tipo: C20/25

Legame: Parabola-rettangolo

Legame costitutivo del calcestruzzo compresso

 $\epsilon_{c2} = 0.0020$

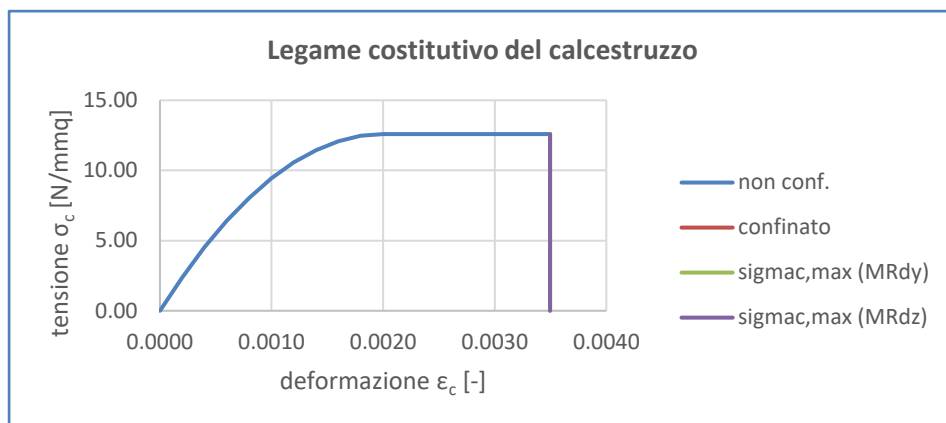
deformazione associata alla tensione massima

 $\epsilon_{cu} = 0.0035$

deformazione ultima

 $f_{cd} = 12.59$ N/mm²

Tensione cilindrica di compressione del calcestruzzo

**Acciaio**

Classe: FeB44k

 $E_s = 210'000$ N/mm²

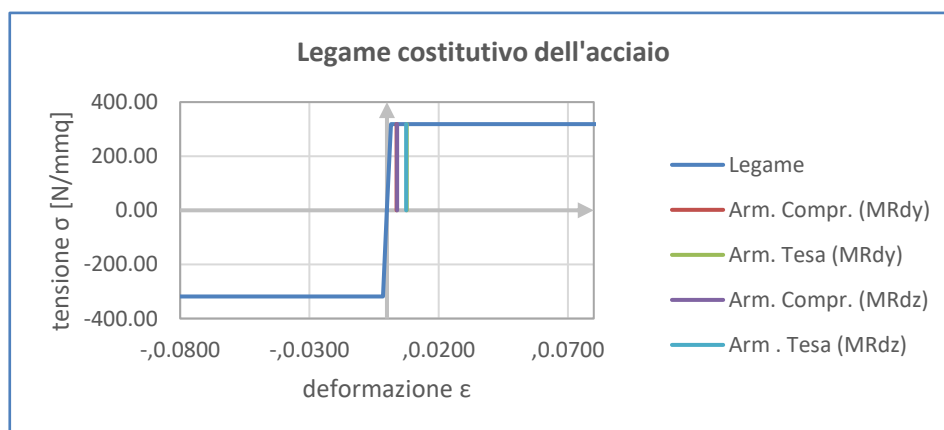
modulo elastico dell'acciaio

Legame: elastico-perfettam. plastico indefinito

Modello σ - ϵ per l'acciaio $(A_{gt})_k = -$

%

Allungamento al massimo sforzo

 $k = -$ Rapporto di sovraresistenza $k = (f_t/f_y)_k$ - fra 1.15 e 1.35**Strutture nuove o esistenti:** LC1 - Conosc. Limitata FC=1.35**Coefficienti parziali di sicurezza** $\alpha_{cc} = 0.85$

Coefficiente riduttivo del cls per resistenze di lunga durata

 $\gamma_c = 1.50$

Coefficiente di sicurezza del cls

 $\gamma_s = 1.15$

Coefficiente di sicurezza dell'acciaio

Effetto del confinamento generato da staffe chiuse e legature interne

Considera effetto del confinamento: no

$\phi_{st} =$	-	mm	diametro delle staffe
$n_{b,x} =$	-		numero di bracci delle staffe in direzione x
$n_{b,y} =$	-		numero di bracci delle staffe in direzione y
$s =$	-	cm	passo delle staffe
$b_x =$	-	cm	dimensioni del nucleo confinato
$b_y =$	-	cm	dimensioni del nucleo confinato
$f_{yk,st} =$	-	N/mm ²	Tensione di snervamento caratteristica dell'acciaio delle staffe

Distanza fra barre consecutive contenute da staffe o legature

barra	b_i	barra	b_i
	[cm]		[cm]
1	-	11	-
2	-	12	-
3	-	13	-
4	-	14	-
5	-	15	-
6	-	16	-
7	-	17	-
8	-	18	-
9	-	19	-
10	-	20	-

Parametri del calcestruzzo confinato

$\epsilon_{c2,c} =$	-	Deformazione di picco del cls confinato
$\epsilon_{cu2,c} =$	-	Deformazione ultima del cls confinato
$f_{cd,c} =$	-	N/mm ² Resistenza di progetto cilindrica del cls confinato

Incrementi percentuali rispetto al calcestruzzo non confinato

$\epsilon_{c2,c} =$	-	Deformazione di picco del cls confinato
$\epsilon_{cu2,c} =$	-	Deformazione ultima del cls confinato
$f_{cd,c} =$	-	Resistenza di progetto cilindrica del cls confinato

Forma del dominio di resistenza

Scelta: Manuale

Sollecitazioni

$N_{Ed} =$	-1'029.00	kN	Sforzo normale agente
$M_{ed,y} =$	28.30	KNm	Momento sollecitante
$M_{ed,z} =$	102.00	KNm	Momento sollecitante

Momento resistente intorno ad y

$M_{Rd,y+} =$	-682.64	kNm	Momento resistente positivo intorno a y
$M_{Rd,y-} =$	-682.64	kNm	Momento resistente negativo intorno a y
$y_c =$	-480.13	mm	Profondità dell'asse neutro dal lembo compresso della sezione
$\sigma_{c,max} =$	12.59	N/mm ²	Tensione di compressione massima nel calcestruzzo
$\epsilon_{c,max} =$	0.0035		Deformazione massima nel calcestruzzo compresso
$\sigma_{s,sup} =$	318.52	N/mm ²	Tensione nell'armatura superiore
$\sigma_{s,inf} =$	318.52	N/mm ²	Tensione nell'armatura inferiore

$\epsilon_{s,\text{sup}}$	=	0.0037	Deformazione nell'armatura inferiore
$\epsilon_{s,\text{inf}}$	=	0.0076	Deformazione nell'armatura superiore

Momenti resistente intorno a z

$M_{Rd,z+}$	=	-341.32	kNm	Momento resistente positivo intorno a z
$M_{Rd,z-}$	=	-341.32	kNm	Momento resistente negativo intorno a z
y_c	=	-240.07	mm	Profondità dell'asse neutro dal lembo compresso della sezione
$\sigma_{c,\text{max}}$	=	12.59	N/mm ²	Tensione di compressione massima nel calcestruzzo
$\epsilon_{c,\text{max}}$	=	0.0035		Deformazione massima nel calcestruzzo compresso
$\sigma_{s,\text{sup}}$	=	318.52	N/mm ²	Tensione nell'armatura superiore
$\sigma_{s,\text{inf}}$	=	318.52	N/mm ²	Tensione nell'armatura inferiore
$\epsilon_{s,\text{sup}}$	=	0.0039		Deformazione nell'armatura inferiore
$\epsilon_{s,\text{inf}}$	=	0.0074		Deformazione nell'armatura superiore

Esito delle verifiche

Verifica a pressofless. deviata					SF	Esito
Verifica a pressofless. deviata						
	SF =	0.172	≤	1.00	✓ 0.17	Positivo

Verifica dello sforzo normale - cap. 7 NTC						SF	Esito	
Sforzo normale - CD"A"								
	N _{Ed} =	-1'029	≤	N _{max,CDA} =	1'247	kN	✔ -0.83	Positivo
Sforzo normale - CD"B"								
	N _{Ed} =	-1'029	≤	N _{max,CDB} =	1'473	kN	✔ -0.70	Positivo

Verifica dei dettagli costruttivi - cap. 4 NTC							SF	Esito
Armatura minima								
	A _s =	924	≥	A _{smin,1} =	-323	mm ²	✔ -0.35	Positivo
Armatura minima								
	A _s =	924	≥	A _{smin,2} =	540	mm ²	✔ 0.58	Positivo
Armatura massima								
	A _s =	924	≤	A _{smax} =	7'200	mm ²	✔ 0.13	Positivo
Interferro netto sup.								
	i _{f,sup} =	226	≥	i _{f,min} =	25	mm	✔ 0.11	Positivo
Interferro netto inf.								
	i _{f,inf} =	226	≥	i _{f,min} =	25	mm	✔ 0.11	Positivo
Interferro netto laterale								
	i _{f,lat} =	256	≥	i _{f,min} =	25	mm	✔ 0.10	Positivo

Verifica dei dettagli costruttivi - cap. 7 NTC					SF	Esito
Armatura minima						
	ρ =	0.005	<	ρ _{min} = 0.010	✗ 1.95	Negativo
Armatura massima						
	ρ =	0.005	≤	ρ _{max} = 0.040	✓ 0.13	Positivo

Sviluppo dei calcoli

Proprietà dei materiali - calcestruzzo

$\alpha_{cc} =$	0.85		Coefficiente riduttivo del cls per resistenze di lunga durata
$\gamma_c =$	1.00		Coefficiente di sicurezza del cls (= 1 per costruzioni esistenti)
$f_{ck} =$	20.00	N/mm ²	resistenza caratteristica cilindrica del cls
$f_{cd} =$	17.00	N/mm ²	resistenza di progetto cilindrica del cls
$\epsilon_{c2} =$	0.0020		deformazione associata alla tensione massima
$\epsilon_{cu} =$	0.0035		deformazione ultima nel cls

Proprietà dei materiali - acciaio di armatura

$\gamma_s =$	1.00		Coefficiente di sicurezza dell'acciaio (= 1 per costruzioni esistenti)
$f_{yk} =$	430.00	N/mm ²	tensione caratteristica di snervamento dell'acciaio
$f_{yd} =$	430.00	N/mm ²	tensione di snervamento di progetto dell'acciaio
$\epsilon_{0s} =$	0.0015		deformaz. al limite elastico dell'acciaio

Legame: elastico-perfettam. plastico indefinito

$(A_{gt})_k =$	-	%	Allungamento al massimo sforzo
$k =$	-		Rapporto di sovrarresistenza $k = (f_t/f_y)_k$
$\epsilon_{uk} =$	-		Deformazione ultima caratteristica
$\epsilon_{ud} =$	-		Deformazione ultima di progetto
$f_{td}/FC =$	-	N/mm ²	Tensione di rottura di progetto

Resistenze ridotte (solo per strutture esistenti)

LC =	LC1 - Conosc. Limitata	FC=1.35	
FC =	1.35		Fattore di confidenza
$f_{cd}/FC =$	12.59		Resistenza del calcestruzzo ridotta
$f_{yd}/FC =$	318.52		Resistenza dell'acciaio ridotta

Aree di armatura

$A_{s,sup} =$	0.00	mm ²	Armatura superiore
$A_{s,inf} =$	0.00	mm ²	Armatura inferiore
$A_{s,spig} =$	153.94	mm ²	Armatura di spigolo
$A_{s,lat} =$	153.94	mm ²	Armatura laterale

Calcolo del momento resistente $M_{Rd,y}$ intorno ad y

$b =$	300	mm	Base della sezione
$h =$	600	mm	Altezza sezione
$d' =$	30	mm	Copriferro
$y_c =$	-480.13	mm	Asse neutro

Deformazioni nell'acciaio d'armatura

$\epsilon'_s =$	0.0037		deformazione dell'armatura compressa
$\epsilon_s =$	0.0076		deformazione dell'armatura tesa

Calcolo del momento resistente

Pressoflessione retta o deviata

$\sigma'_s =$	318.52	N/mm ²	tensione nell'armatura compressa
$\sigma_s =$	318.52	N/mm ²	tensione nell'armatura tesa
$y'_c =$	0.00	mm	Asse neutro per l'equilibrio alla traslazione (compreso fra 0 e h)
$A'_s =$	307.88	mm ²	Armatura compressa
$A_s =$	307.88	mm ²	Armatura tesa
$N'_s =$	9.81E+04	N	Sforzo nell'armatura compressa
$N_s =$	9.81E+04	N	Sforzo nell'armatura tesa
$N_{s,lat} =$	9.81E+04	N	Sforzo risultante nell'armatura laterale
$\sigma_c(y_c) =$	-4410.64	N/mm	Area sottesa dal diagramma delle tensioni nel cls
$N_c =$	-1.32E+06	N	Sforzo nel calcestruzzo compresso
$\Delta N(y_c) =$	0.00E+00	N	equilibrio alla traslazione
$y'_G =$	-215.91	mm	Distanza del punto di applicazione della risultante dal lembo compres
$M_{Rd,y+} =$	-682.64	kNm	momento resistente positivo allo SLU
$M_{Rd,y-} =$	-682.64	kNm	momento resistente negativo allo SLU

Calcolo del momento resistente $M_{Rd,z}$ intorno a z

$y_c =$	-240.07	mm	Asse neutro
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Deformazioni nell'acciaio d'armatura

$\varepsilon'_s =$	0.0039		deformazione dell'armatura compressa
$\varepsilon_s =$	0.0074		deformazione dell'armatura tesa

Calcolo del momento resistente

$\sigma'_s =$	318.52	N/mm ²	tensione nell'armatura compressa
$\sigma_s =$	318.52	N/mm ²	tensione nell'armatura tesa
$y'_c =$	0.00	mm	Asse neutro per l'equilibrio alla traslazione (compreso fra 0 e h)
$A'_s =$	461.81	mm ²	Armatura compressa
$A_s =$	461.81	mm ²	Armatura tesa
$N'_s =$	1.47E+05	N	Sforzo nell'armatura compressa
$N_s =$	1.47E+05	N	Sforzo nell'armatura tesa
$N_{s,lat} =$	0.00E+00	N	Sforzo nell'armatura laterale
$\sigma_c(y_c) =$	-2205.32	N/mm	Area sottesa dal diagramma delle tensioni nel cls
$N_c =$	-1.32E+06	N	Sforzo nel calcestruzzo compresso
$\Delta N(y_c) =$	0.00E+00	N	equilibrio alla traslazione
$y'_G =$	-107.95	mm	Distanza del punto di applicazione della risultante dal lembo compres
$M_{Rd,z} =$	-341.32	kNm	momento resistente positivo allo SLU

Forma del dominio di resistenza

$N_{Rcd} =$	2'267	kN	Resistenza a compressione del solo calcestruzzo
$N_{Ed}/N_{Rcd} =$	-0.45		Rapporto fra sforzo normale e resistenza calcestruzzo
$\alpha_{man} =$	1.50		Coefficiente di forma del dominio di resistenza (scelta manuale)
$\alpha_{aut} =$	1.00		Coefficiente di forma del dominio di resistenza (calcolo autom.)
Scelta:	Manuale		Opzione scelta
$\alpha =$	1.50		Coefficiente di forma del dominio di resistenza

Verifica a pressoflessione deviata

$$\left(\frac{M_{E_{yd}}}{M_{R_{yd}}} \right)^{\alpha} + \left(\frac{M_{E_{zd}}}{M_{R_{zd}}} \right)^{\alpha} \leq 1$$

$$\alpha = 1.50$$

$$M_{ed,y}/M_{Rd,y} = 0.04$$

$$M_{ed,z}/M_{Rd,z} = 0.30$$

$$SF = 0.172$$

Dettagli costruttivi - cap. 4 NTC

$A_s =$	924	mm ²	Armatura longitudinale totale
$A_c =$	180'000	mm ²	Area di solo calcestruzzo
$A_{smin,1} =$	-323	mm ²	Limite minimo = 0.10*NEd/fyd
$A_{smin,2} =$	540	mm ²	Limite minimo = 0.003*Ac
$A_{smax} =$	7'200	mm ²	Limite massimo = 0.04*Ac

Spaziatura netta fra le barre longitudinali EC2 2004 - par.8.2

$\phi_{max} =$	14	mm	Diametro massimo delle barre longitudinali
$k_1 =$	1		Coefficiente di amplificazione EC2 2004 - par.8.2
$k_2 =$	5	mm	Fattore EC2 2004 - par.8.2
$d_g =$	20	mm	Dimensione massima dell'aggregato del cls
$i_{f,1} =$	20	mm	Interferro netto minimo (valore da normativa EC2)
$i_{f,2} =$	14	mm	Interferro netto minimo ($k_1 * \phi_{max}$)
$i_{f,3} =$	25	mm	Interferro netto minimo ($d_g + k_2$)
$i_{f,min} =$	25	mm	Interferro minimo da Normativa
$i_{f,sup} =$	226	mm	Interferro netto superiore
$i_{f,inf} =$	226	mm	Interferro netto inferiore
$i_{f,lat} =$	256	mm	Interferro netto laterale

Dettagli costruttivi - cap. 7 NTC

$\rho =$	0.005	Percentuale geometrica di armatura $\rho = A_s/(b \cdot x_h)$
$\rho_{min} =$	0.010	Limite minimo
$\rho_{max} =$	0.040	Limite massimo

Verifica a TAGLIO - travi e pilastri allo SLU**Normativa di riferimento:**

NTC2018 - D.M. 17/01/2018 - Norme Tecniche per le Costruzioni

Circolare n.7 del 21/1/2019 - Istruzioni per l'applicazione delle NTC

Dati geometrici

$h =$	60.00	cm	Altezza della sezione
$b =$	30.00	cm	Base della sezione (larghezza minima della sezione)
$d' =$	3.00	cm	Copriferro
$\alpha =$	90.00	°	Angolo di inclinazione delle staffe rispetto all'asse della trave

Inclinazione bielle compresse di clsMetodo: Automatico $\cotg(\theta_z) = 1.00$ $\cotg(\theta_y) = 1.15$

Cls: ante 02 - Rck_23

Acciaio: FeB44k

Strutture nuove o esistenti:

LC1 - Conosc. Limitata FC=1.35

Armatura a taglio

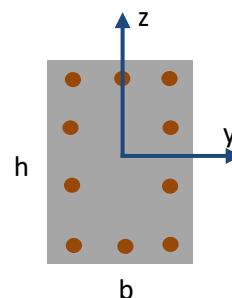
$\Phi_{st} =$	8	mm	Diametro delle staffe o dei ferri piegati
$n_b =$	2		Numero di bracci delle staffe
$A_{sw} =$	1.01	cm ²	Area di armatura trasversale (staffe o ferri piegati)
$p_{st} =$	15.00	cm	Passo delle staffe

Dati per la verifica sui dettagli costruttivi:

$\phi_{l,min} =$	14.00	mm	Diametro minimo delle barre longitudinali
$\phi_{l,max} =$	14.00	mm	Diametro massimo delle barre longitudinali

Sollecitazioni

$V_{Ed,z} =$	83.30	kN	Taglio sollecitante direz. Z
$V_{Ed,y} =$	91.00	kN	Taglio sollecitante direz. Y
$N_{Ed} =$	1279.00	kN	Sforzo normale (solo per i pilastri)

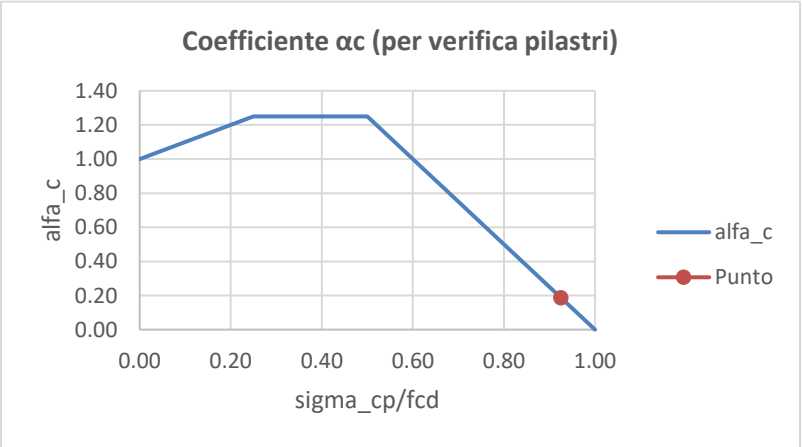
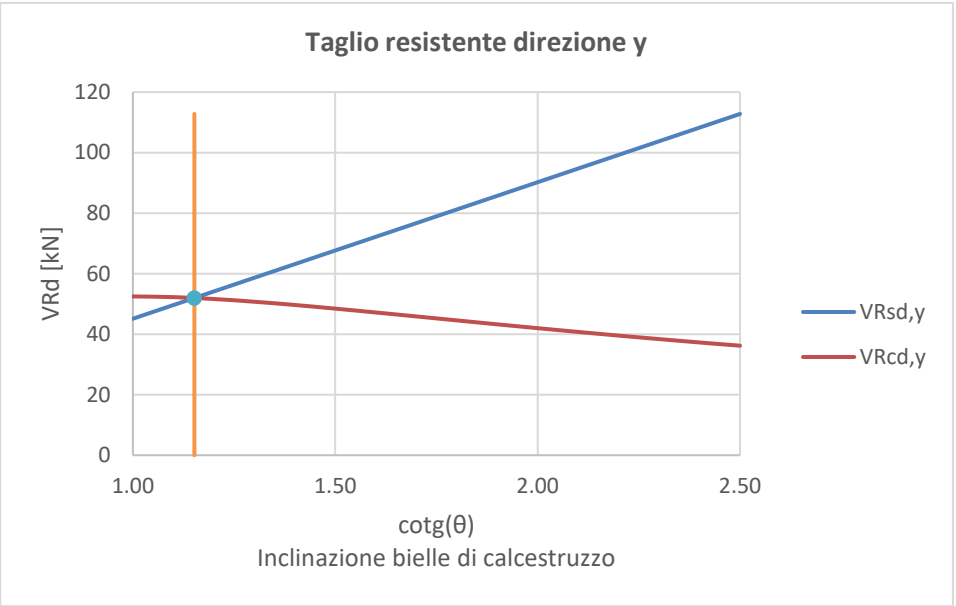
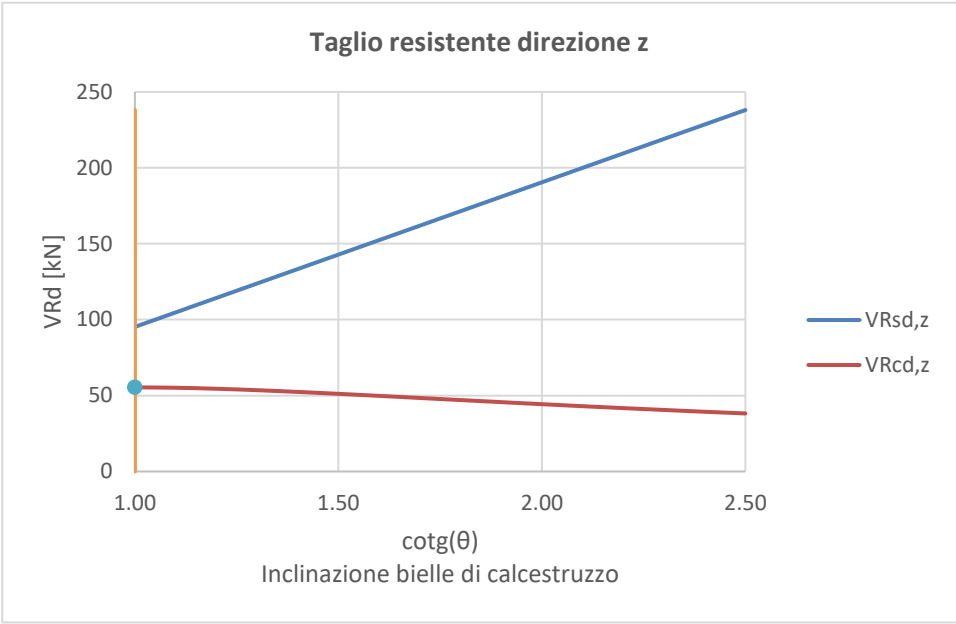
**Tagli resistenti in direzione Z**

$V_{Rcd,z} =$	55.40	kN	Resistenza lato calcestruzzo ("Taglio compressione")
$V_{Rsd,z} =$	95.23	kN	Resistenza dell'armatura trasversale ("Taglio trazione")
$V_{Rd,z} =$	55.40	kN	$\min(V_{Rsd}; V_{Rcd})$

Tagli resistenti in direzione Y

$V_{Rcd,y} =$	51.96	kN	Resistenza lato calcestruzzo ("Taglio compressione")
$V_{Rsd,y} =$	51.96	kN	Resistenza dell'armatura trasversale ("Taglio trazione")
$V_{Rd,y} =$	51.96	kN	$\min(V_{Rsd}; V_{Rcd})$

Verifica di resistenza a taglio					Ed/Rd	Esito
Verifica a taglio direz. Z	$V_{Ed,z} =$	83.3 >	$V_{Rd,z} =$	55.4 kN	❌ 1.50	Negativo
Verifica a taglio direz. Y	$V_{Ed,y} =$	91 >	$V_{Rd,y} =$	51.96 kN	❌ 1.75	Negativo



Sviluppo dei calcoli

$h =$	600.00	mm	Altezza della sezione
$h' =$	570.00	mm	Altezza utile della sezione
$b_w =$	300.00	mm	Base della sezione (larghezza minima della sezione)
$b'_w =$	270.00	mm	Base utile della sezione
$A_{sw} =$	100.53	mm ²	Area di armatura trasversale
$p_{st} =$	150.00	mm	Passo delle staffe
$\alpha_{cc} =$	0.85		Coefficiente riduttivo del cls per resistenze di lunga durata
$\gamma_c =$	1.50		Coefficiente di sicurezza del cls
$\gamma_s =$	1.15		Coefficiente di sicurezza dell'acciaio
$f_{ck} =$	18.30	N/mm ²	Resistenza cilindrica caratteristica del calcestruzzo
$f_{cd} =$	10.37	N/mm ²	Resistenza di calcolo a compressione del calcestruzzo

Solo per strutture esistenti

LC =	LC1 - Conosc. Limitata	FC=1.35	
FC =	1.35		Fattore di confidenza
$f_{cd}/FC =$	7.68	N/mm ²	Resistenza ridotta del calcestruzzo

$f'_{cd} =$	3.84	N/mm ²	Resistenza a compressione ridotta del calcestruzzo d'anima
$\sigma_{cp} =$	7.11	N/mm ²	Tensione di compressione nella sezione
$\sigma_{cp}/f_{cd} =$	0.93		Rapporto fra tensione agente e tensione resistente

$\alpha_c =$	0.19		coefficiente correttivo in funzione dello sforzo normale
$f_{yk} =$	430.00	N/mm ²	Resistenza caratteristica di snervamento dell'acciaio
$f_{yd} =$	373.91	N/mm ²	Resistenza di calcolo allo snervamento dell'acciaio

Solo per strutture esistenti

LC =	LC1 - Conosc. Limitata	FC=1.35	
FC =	1.35		Fattore di confidenza
$f_{yd}/FC =$	276.97	N/mm ²	Resistenza ridotta del calcestruzzo

$\cotg(\alpha) =$	0.00
$\sin(\alpha) =$	1.00

$\cotg(\theta)'_z =$	1.00	Calcolo automatico della $\cotg(\theta)$
$\cotg(\theta)''_z =$	1.00	Calcolo manuale della $\cotg(\theta)$
$\cotg(\theta)'_y =$	1.15	Calcolo automatico della $\cotg(\theta)$
$\cotg(\theta)''_y =$	1.00	Calcolo manuale della $\cotg(\theta)$
Valore:	Automatico	Tipo di calcolo $\cotg(\theta)$
$\cotg(\theta)_z =$	1.00	Compresa fra 1 e 2.5
$\cotg(\theta)_y =$	1.15	Compresa fra 1 e 2.5

$V_{Rsd,z} =$	95.23	kN	Resistenza dell'armatura trasversale dir. z ("Taglio trazione")
$V_{Rcd,z} =$	55.40	kN	Resistenza lato calcestruzzo dir. z ("Taglio compressione")
$V_{Rsd,y} =$	51.96	kN	Resistenza dell'armatura trasversale dir. y ("Taglio trazione")
$V_{Rcd,y} =$	51.96	kN	Resistenza lato calcestruzzo dir. y ("Taglio compressione")

$V_{Rd,z} =$	55.40	kN	Resistenza a taglio della trave dir. Z
$V_{Rd,y} =$	51.96	kN	Resistenza a taglio della trave dir. Y

TRAVI - Verifica dei dettagli costruttivi - cap. 4 NTC

$A_{st,min} =$	450.00	mm ² /m	Area minima delle staffe
$A_{sw} =$	100.53	mm ²	Area di armatura trasversale di una staffa
$n_{st} =$	4.48	1/m	Numero di staffe per metro lineare
$p_{st,max,1} =$	22.34	cm	Passo delle staffe massimo
$p_{st,max,2} =$	33.00	cm	Passo delle staffe massimo
$p_{st,max,3} =$	45.60	cm	Passo delle staffe massimo
$p_{st,max} =$	22.34	cm	Passo delle staffe massimo (minimo fra i limiti 1,2,3)

TRAVI - Verifica dei dettagli costruttivi - cap. 7 NTC - Zona critica delle Travi

$\phi_{l,min} =$	14.00	mm	Diametro minimo delle barre longitudinali
$p_{st,max,1} =$	14.25	cm	Passo delle staffe massimo
$p_{st,max,2} =$	19.20	cm	Passo delle staffe massimo
$p_{st,max} =$	14.25	cm	Passo delle staffe massimo

Limiti per Classe di duttilità Alta

$p_{st,max,3} =$	17.50	cm	Passo delle staffe massimo
$p_{st,max,4} =$	8.40	cm	Passo delle staffe massimo
$p_{st,max} =$	8.40	cm	Passo delle staffe massimo

Limiti per Classe di duttilità Bassa

$p_{st,max,3} =$	22.50	cm	Passo delle staffe massimo
$p_{st,max,4} =$	11.20	cm	Passo delle staffe massimo
$p_{st,max} =$	11.20	cm	Passo delle staffe massimo

TRAVI - Verifica dei dettagli costruttivi					SF	Esito
cap. 4 NTC	$p_{st} =$	$15 \leq$	$p_{st,max} =$	22.34 cm	✓ 0.67	Positivo
cap. 7 NTC	$p_{st} =$	$15 >$	$p_{st,max} =$	14.25 cm	✗ 1.05	Negativo
CD"A" e zona critica trave	$p_{st} =$	$15 >$	$p_{st,max} =$	8.4 cm	✗ 1.79	Negativo
CD"B" e zona critica trave	$p_{st} =$	$15 >$	$p_{st,max} =$	11.2 cm	✗ 1.34	Negativo

PILASTRI - Verifica dei dettagli costruttivi - cap. 4 NTC

$\phi_{l,min} =$	14.00	mm	Diametro minimo delle barre longitudinali
$\phi_{l,max} =$	14.00	mm	Diametro massimo delle barre longitudinali
$p_{st,max,1} =$	16.80	cm	Passo delle staffe massimo
$p_{st,max,2} =$	25.00	cm	Passo delle staffe massimo
$p_{st,max} =$	16.80	cm	Passo delle staffe massimo (minimo fra i limiti 1,2)
$\phi_{st,min,1} =$	6.00	mm	Diametro minimo delle staffe
$\phi_{st,min,2} =$	3.50	mm	Diametro minimo delle staffe

$\phi_{st,min} = 6.00$ mm Diametro minimo delle staffe (max fra i limiti 1 e 2)

PILASTRI - Verifica dei dettagli costruttivi - cap. 7 NTC

$L_{min} = 30.00$ cm Lato minimo della sezione

Limiti per Classe di duttilità Alta

$\rho_{st,max,1} = 10.00$ cm Passo delle staffe massimo

$\rho_{st,max,2} = 12.50$ cm Passo delle staffe massimo

$\rho_{st,max,3} = 8.40$ cm Passo delle staffe massimo

$\rho_{st,max,4} = 8.39$ cm Passo delle staffe massimo

$\rho_{st,max} = 8.39$ cm Passo delle staffe massimo

in zona critica e CD"A":

$\rho_{st,max} = 5.59$ cm Passo delle staffe massimo in zona critica per CD"A"

Limiti per Classe di duttilità Bassa

$\rho_{st,max,1} = 15.00$ cm Passo delle staffe massimo

$\rho_{st,max,2} = 17.50$ cm Passo delle staffe massimo

$\rho_{st,max,3} = 11.20$ cm Passo delle staffe massimo

$\rho_{st,max,4} = 27.27$ cm Passo delle staffe massimo

$\rho_{st,max} = 11.20$ cm Passo delle staffe massimo

PILASTRI - Verifica dei dettagli costruttivi					SF	Esito
cap. 4 NTC	$\rho_{st} =$	$15 \leq$	$\rho_{st,max} =$	16.8 cm	✓ 0.89	Positivo
cap. 4 NTC	$\phi_{st} =$	$8 >$	$\phi_{st,min} =$	6 mm	✓ 0.75	Positivo
cap. 7 NTC, CD"A"	$\rho_{st} =$	$15 >$	$\rho_{st,max} =$	8.39 cm	✗ 1.79	Negativo
cap. 7 NTC, CD"A" e zona crit.	$\rho_{st} =$	$15 >$	$\rho_{st,max} =$	5.59 cm	✗ 2.68	Negativo
cap. 7 NTC e CD"B"	$\rho_{st} =$	$15 >$	$\rho_{st,max} =$	11.2 cm	✗ 1.34	Negativo

Rinforzo a pressoflessione di una PILASTRO con FRP**Normativa di riferimento:**

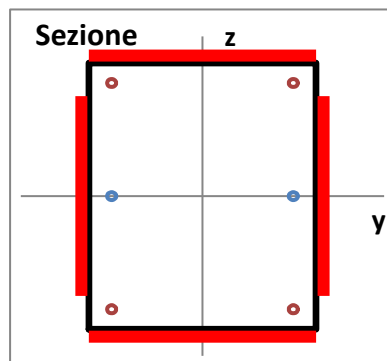
NTC2018 - D.M. 17/01/2018 - Norme Tecniche per le Costruzioni

Circolare n.7 del 21/1/2019 - Istruzioni per l'applicazione delle NTC

CNR-DT200 R1/2013 - Consolidamento statico mediante compositi fibrorinforzati

Dati geometrici della sezione

b =	30.00	cm	Base della sezione
h =	40.00	cm	Altezza sezione
d' =	3.00	cm	Copriferro
A _{spig} =	1	φ 12	Ferro di spigolo
A _{s,sup} =	0	φ 12	Ferri superiori (oltre i ferri di spig.)
A _{s,inf} =	0	φ 12	Ferri inferiori (oltre i ferri di spig.)
A _{s,lat} =	1	φ 12	Armatura lat. (oltre i ferri di spig.)

**Materiali****Calcestruzzo**

Tipo: C20/25

Acciaio

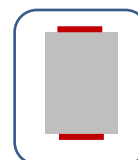
Classe: FeB44k

E_s = 210'000 N/mm² modulo elastico dell'acciaio

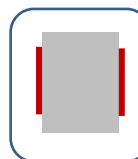
Livello di conoscenza LC1 - Conosc. Limitata FC=1.35

Tessuto in FRPf_{fk} = 2'700 N/mm² Resis. Caratt. del tessuto in FRP nella direz. delle fibreE_f = 240'000 N/mm² modulo elastico dell'FRP**RINFORZO IN FRP****Dati geometrici del rinforzo per momento My**

b _{f,y} =	300	mm	larghezza dello strato di FRP
t _{f,y} =	0.170	mm	spessore equivalente dello strato di FRP
n _f =	2		numero di strati di FRP

**Dati geometrici del rinforzo per momento Mz**

b _{f,z} =	300	mm	larghezza dello strato di FRP
t _{f,z} =	0.170	mm	spessore equivalente dello strato di FRP
n _{f,z} =	2		numero di strati di FRP

**Applicazione, esposizione, tipo di composito**

Applicaz. Tipo A: certificati sia i materiali che il sistema completo

γ_f = 1.10 coefficiente parziale per rottura per strappoγ_{fd} = 1.20 coefficiente parziale per rottura per delaminazione

Esposiz.: Interna

fibra/res.: Carbonio/Epossidica

η_a = 0.95 fattore di conversione ambientale

Tipo: Compositi impregnati in situ

Carico: Altri casi

Altri parametri

Coefficienti parziali di sicurezza

$\alpha_{cc} =$	0.85	Coefficiente riduttivo del cls per resistenze di lunga durata
$\gamma_c =$	1.00	Coefficiente di sicurezza del cls
$\gamma_s =$	1.00	Coefficiente di sicurezza dell'acciaio

Confinamento in FRP

$p_f =$	50.00	cm	Passo delle fasce di tessuto
$b_f =$	30.00	cm	Altezza della striscia
$t_f =$	0.170	mm	Spessore del tessuto in FRP
$n_f =$	1		Numero di strati del confinamento
$\alpha_f =$	0.00	°	Inclinazione delle fibre rispetto all'asse verticale
$r =$	4.00	cm	Raggio di curvatura spigolo della sezione (min. 2 cm)

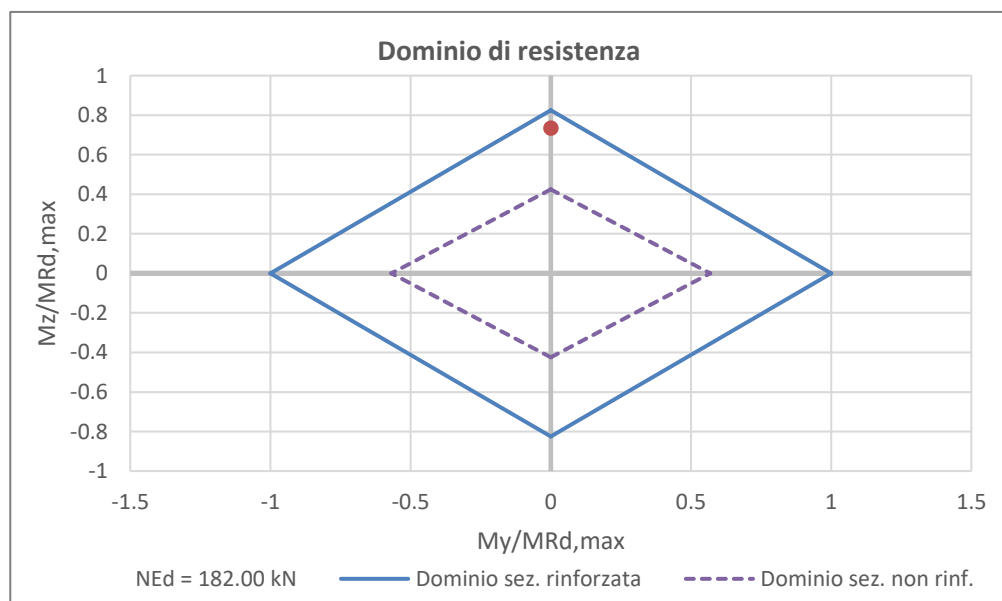
Sollecitazioni allo SLU

$N_{Ed} =$	182.00	kN	Sforzo normale sollecitante
$M_{Ed,y} =$	0.00	kNm	Momento sollecitante intorno all'asse y
$M_{Ed,z} =$	86.30	kNm	Momento sollecitante intorno all'asse z

Momenti resistenti

$M_{Rd,y}^{FRP} =$	117.43	kNm	Momento resist. Y sezione rinforzata
$M_{Rd,y} =$	66.76	kNm	Momento resist. Y sezione non rinforzata
$M_{Rd,z}^{FRP} =$	96.86	kNm	Momento resist. Z sezione rinforzata
$M_{Rd,z} =$	49.85	kNm	Momento resist. Z sezione non rinforzata

Verifica a pressoflessione deviata allo SLU					Esito
Pressoflessione senza rinforzo	SF =	✗ 1.73	≤	1.00	Negativo
Pressoflessione con rinforzo	$SF^{FRP} =$	✓ 0.89	≤	1.00	Positivo



Altre verifiche						SF	Esito
Incremento di $M_{Rd,y}$	$\Delta M_{Rd,y} =$	75.9	>	50.0	%	❌ 1.52	Negativo
Incremento di $M_{Rd,z}$	$\Delta M_{Rd,z} =$	94.3	>	50.0	%	❌ 1.89	Negativo
FRP dopo snerv.	$\varepsilon_{fd} =$	0.0	\geq	$\varepsilon_{sy} =$	0.0015	✅ 0.16	Positivo

Controllo sull'eccentricità					SF	Esito
$e_y =$	0.00E+00	<	$d_{n,y} [cm] =$	6.67	#DIV/0!	Piccola eccentricità
$e_z =$	4.74E+01	>	$d_{n,z} [cm] =$	5.00	✅ 0.11	Grande eccentricità

Efficacia del confinamento					SF	Esito
$f_{l,eff}/f_{cd} =$	0.009	<		0.050	⚠️ 0.17	Confinamento inefficace
$b/h =$	1.333	<		2.000	✅ 1.50	Confinamento efficace
$\max(b,h) =$	40.000	<	$d_{max} [cm] =$	90.000	✅ 2.25	Confinamento efficace

Sviluppo dei calcoli

Dati geometrici del rinforzo

Rinforzo per M_y

$b_{f,y} =$	300	mm	Larghezza dello strato di FRP
$t_{f,y} =$	0.170	mm	Spessore equivalente dello strato di FRP
$n_{f,y} =$	2		numero di strati di FRP

Rinforzo per M_z

$b_{f,z} =$	300	mm	Larghezza dello strato di FRP
$t_{f,z} =$	0.170	mm	Spessore equivalente dello strato di FRP
$n_{f,z} =$	2		numero di strati di FRP

Aree di armatura e area del rinforzo

$A_{s,sup} =$	0.00	mm ²	Armatura superiore
$A_{s,inf} =$	0.00	mm ²	Armatura inferiore
$A_{spig.} =$	113.10	mm ²	Armatura di spigolo
$A_{s,lat} =$	113.10	mm ²	Armatura laterale
$A_{f,y} =$	102.00	mm ²	Area del rinforzo in FRP per momento M_y
$A_{f,z} =$	102.00	mm ³	Area del rinforzo in FRP per momento M_z

Proprietà dei materiali

$\alpha_{cc} =$	0.85		Coefficiente riduttivo per resistenze di lunga durata
$\gamma_c =$	1.00		Coefficiente di sicurezza del cls
$\gamma_s =$	1.00		Coefficiente di sicurezza dell'acciaio
$f_{ck} =$	20.00	N/mm ²	resistenza caratteristica cilindrica del cls

Resistenza e deformazione ultima del calcestruzzo confinato con FRP

Nota: il confinamento è sempre necessario nel rinforzo a presso-flessione dei pilastri al fine di evitare il distacco

$p_f =$	50.00	cm	Passo delle fasce di tessuto
$p'_f =$	20.00	cm	Distanza netta fra le strisce di tessuto
$b_f =$	30.00	cm	Altezza della striscia
$t_{f,c} =$	0.170	mm	Spessore complessivo del confinamento in FRP
$d_{min} =$	30.00	cm	Dimensione minima della sezione
$k_v =$	0.44		Coeff. di efficacia verticale
$\alpha_f =$	0.00	°	Inclinazione delle fibre rispetto all'asse verticale
$k_\alpha =$	1.00		Coefficiente di efficienza per inclinazione delle fibre
$b =$	30.00	cm	Base della sezione
$h =$	40.00	cm	Altezza della sezione
$b' =$	22.00	cm	Dimensione depurata del raggio di curvatura
$h' =$	32.00	cm	Dimensione depurata del raggio di curvatura
$k_H =$	0.581		Coefficiente di efficacia orizzontale
$\rho_f =$	0.0012		Percentuale geometrica di rinforzo
$E_f =$	240'000	Mpa	Modulo elastico del tessuto in direzione delle fibre
$\varepsilon_{fd,rid} =$	0.0040		Deform. ridotta di calcolo a rottura dell'FRP per elem. p.infl.
$f_l =$	0.57	MPa	Pressione di confinamento
$k_{eff} =$	0.258		Coefficiente di efficienza

Rinforzo a pressoflessione

$f_{l,eff} =$	0.15	MPa	Pressione efficace di confinamento
$f_{l,eff} =$	14.75	N/cm ²	Pressione efficace di confinamento
$f_{cd} =$	17.00	MPa	Resistenza di progetto del calcestruzzo
$f_{l,eff}/f_{cd} =$	0.01		
$f_{ccd}/f_{cd} =$	1.11		Incremento di resistenza del cls confinato

Efficacia del confinamento (test per il calcolo)

$f_{ccd} =$	17.00	MPa	Resistenza di progetto del calcestruzzo confinato
$\epsilon_{cu} =$	0.0035		Deformazione ultima del calcestruzzo
$\epsilon_{ccu} =$	0.0035		Deformazione ultima del calcestruzzo confinato

Resistenze di progetto dei materiali

$f_{cd} =$	17.00	N/mm ²	resistenza di progetto cilindrica del cls
$f_{ctm} =$	2.21	N/mm ²	resistenza media a trazione semplice del cls
$f_{yk} =$	430.00	N/mm ²	tensione caratteristica di snervamento dell'acciaio
$f_{yd} =$	430.00	N/mm ²	tensione di snervamento di progetto dell'acciaio
$f_{fk} =$	2'700.00	N/mm ²	Resistenza caratteristica del tessuto in FRP nella direz. delle fibre

Moduli elastici

$E_s =$	210'000	N/mm ²	modulo elastico dell'acciaio
$E_f =$	240'000	N/mm ²	modulo elastico dell'FRP

Resistenze ridotte (solo per strutture esistenti)

LC =	LC1 - Conosc. Limitata	FC=1.35	
FC =	1.35		Fattore di confidenza
$f_{cd}/FC =$	12.59	N/mm ²	Resistenza del calcestruzzo ridotta
$f_{ccd}/FC =$	12.59	N/mm ²	Resistenza del calcestruzzo confinato ridotta
$f_{yd}/FC =$	318.52	N/mm ²	Resistenza dell'acciaio ridotta

Resistenza del composito in FRP

$b_f/b =$	1.000		Rapporto fra larghezza del rinforzo e larghezza della trave
$k_b =$	1.000		fattore geometrico
$k_G =$	0.037	mm	
$\gamma_{fd} =$	1.20		coefficiente parziale per rottura per delaminazione
$k_{cr} =$	3.00		coefficiente
$\Gamma_{Fd} =$	0.182	N/mm ²	Energia specifica di frattura
$k_q =$	1.000		Coefficiente per la condizione di carico
$k_{G,2} =$	0.100		Coefficiente sperimentale
$f_{fdd,1} =$	422.68	N/mm ²	Resistenza per distacco di estremità (modo 1)
$f_{fdd,2} =$	694.88	N/mm ²	Resistenza per distacco intermedio (modo 2)

Controllo sull'eccentricità

Flessione intorno all'asse Y

$e_y =$	0.00E+00	cm	eccentricità per momento My (My/N)
$d_{n,y} =$	6.67E+00	cm	Lunghezza del nocciolo centrale d'inerzia

Flessione intorno all'asse Z

$e_z =$	4.74E+01	cm	eccentricità per momento Mz (My/N)
$d_{n,z} =$	5.00E+00	cm	Lunghezza del nocciolo centrale d'inerzia

Deformazioni limite dei materiali

Rinforzo a pressoflessione

$\epsilon_{cu} =$	0.0035	deformazione ultima nel cls
$\epsilon_{ccu} =$	0.0035	Deformazione ultima del calcestruzzo confinato
$\epsilon_{sy} =$	0.0015	deformaz. al limite elastico dell'acciaio
$\eta_a =$	0.95	fattore di conversione ambientale
$\gamma_f =$	1.10	Coefficiente parziale per collasso per strappo
$\epsilon_{fk} =$	0.0113	deformazione caratteristica a rottura del rinforzo
$\epsilon_0 =$	0.0000	deformazione iniziale al lembo teso del cls per carichi agenti
$\eta_a \cdot \epsilon_{fk} / \gamma_f =$	0.0097	Deformazione a rottura del rinforzo
$\epsilon_{fd} =$	0.0097	deformazione massima di progetto nel rinforzo di FRP

Coefficienti di riduzione del cls (stress block)

$\psi =$	0.80	coeff. di riduz. di γ_c (stress block)
$\lambda =$	0.40	coeff. di riduz. di γ_c per il calcolo del braccio

Sezione rinforzata: Calcolo del momento resistente $M_{Rd,y}$ intorno ad y

$\gamma_{c,lim} =$	105.93	mm	Valore limite dell'asse neutro per rottura lato cls o lato FRP
$b =$	300.00	mm	Base della sezione
$h =$	400.00	mm	Altezza sezione
$d' =$	30.00	mm	Copriferro
$\gamma_c =$	137.93	mm	Asse neutro

Deformazioni nei materiali

Rottura:	lato cls - zona 2		Tipo di rottura
$\epsilon_f =$	-0.0067		deformazione nell'FRP
$\epsilon'_s =$	0.0027		deformazione dell'armatura compressa
$\epsilon_s =$	-0.0059		deformazione dell'armatura tesa
$\sigma'_s =$	318.52	N/mm ²	tensione nell'armatura compressa
$\sigma_s =$	-318.52	N/mm ²	tensione nell'armatura tesa
$\sigma_f =$	-1'596.07	N/mm ²	Tensione nel rinforzo in FRP
$\gamma'_c =$	137.93	mm	Asse neutro per l'equilibrio alla traslazione (compreso fra 0 e h)
$A'_s =$	226.19	mm ²	Armatura compressa
$A_s =$	226.19	mm ²	Armatura tesa
$A_f =$	102.00	mm ²	Area del rinforzo in FRP
$N'_s =$	7.20E+04	N	Sforzo nell'armatura compressa
$N_s =$	-7.20E+04	N	Sforzo nell'armatura tesa
$N_f =$	-1.63E+05	N	Sforzo nell'FRP
$N_c =$	4.17E+05	N	Sforzo nel calcestruzzo compresso
$N_{Ed} =$	1.82E+05	N	Sforzo normale sollecitante
$\gamma_{Rd} =$	1.00		Coefficiente parziale per il modello di resistenza a flessione
$\Delta N(\gamma_c)$	-2.74E-09	N	equilibrio alla traslazione
$M_{Rd,y}^{FRP} =$	117.43	kNm	momento resistente allo SLU

Sezione senza rinforzo: Calcolo del momento resistente $M_{Rd,y}$ intorno ad y

$b =$	300.00	mm	Base della sezione
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Rinforzo a pressoflessione

$h =$	400.00	mm	Altezza sezione
$d' =$	30.00	mm	Copriferro
$y_c =$	84.06	mm	Asse neutro

Deformazioni nei materiali

$\epsilon'_s =$	0.0023		deformazione dell'armatura compressa
$\epsilon_s =$	-0.0119		deformazione dell'armatura tesa
$\sigma'_s =$	318.52	N/mm ²	tensione nell'armatura compressa
$\sigma_s =$	-318.52	N/mm ²	tensione nell'armatura tesa
$y'_c =$	84.06	mm	Asse neutro per l'equilibrio alla traslazione (compreso fra 0 e h)
$A'_s =$	226.19	mm ²	Armatura compressa
$A_s =$	226.19	mm ²	Armatura tesa
$N'_s =$	7.20E+04	N	Sforzo nell'armatura compressa
$N_s =$	-7.20E+04	N	Sforzo nell'armatura tesa
$N_c =$	2.54E+05	N	Sforzo nel calcestruzzo compresso
$N_{Ed} =$	1.82E+05	N	Sforzo normale sollecitante
$\Delta N(y_c) =$	0.00E+00	N	equilibrio alla traslazione
$M_{Rd,y} =$	66.76	kNm	momento resistente allo SLU

Incremento del momento resistente

$\Delta M_{Rd,y} =$	75.89	%	Incremento del momento resistente intorno ad Y
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Sezione rinforzata: Calcolo del momento resistente $M_{Rd,z}$ intorno a z

$y_{c,lim} =$	79.45	mm	Valore limite dell'asse neutro per rottura lato cls o lato FRP
$b =$	300.00	mm	Base della sezione
$h =$	400.00	mm	Altezza sezione
$d' =$	30.00	mm	Copriferro
$y_c =$	92.71	mm	Asse neutro

Deformazioni nei materiali

Rottura:	lato cls - zona 2		Tipo di rottura
$\epsilon_f =$	-0.0078		deformazione nell'FRP
$\epsilon'_s =$	0.0024		deformazione dell'armatura compressa
$\epsilon_s =$	-0.0067		deformazione dell'armatura tesa
$\sigma'_s =$	318.52	N/mm ²	tensione nell'armatura compressa
$\sigma_s =$	-318.52	N/mm ²	tensione nell'armatura tesa
$\sigma_f =$	-1'878.22	N/mm ²	Tensione nel rinforzo in FRP
$y'_c =$	92.71	mm	Asse neutro per l'equilibrio alla traslazione (compreso fra 0 e b)
$A'_s =$	339.29	mm ²	Armatura compressa
$A_s =$	339.29	mm ²	Armatura tesa
$A_f =$	102.00	mm ²	Area del rinforzo in FRP
$N'_s =$	1.08E+05	N	Sforzo nell'armatura compressa
$N_s =$	-1.08E+05	N	Sforzo nell'armatura tesa
$N_f =$	-1.92E+05	N	Sforzo nell'FRP
$N_c =$	3.74E+05	N	Sforzo nel calcestruzzo compresso

Rinforzo a pressoflessione

$N_{Ed} = 1.82E+05$ N Sforzo normale sollecitante

$\gamma_{Rd} = 1.00$ Coeff. parziale per il modello di resistenza a fless./pressofless.

$\Delta N(\gamma_c) = 0.00$ N equilibrio alla traslazione

$M_{Rd,z}^{FRP} = 96.86$ kNm momento resistente allo SLU

Sezione senza rinforzo: Calcolo del momento resistente $M_{Rd,z}$ intorno a z

$b = 300.00$ mm Base della sezione

$h = 400.00$ mm Altezza sezione

$d' = 30.00$ mm Copriferro

$y_c = 48.43$ mm Asse neutro

Deformazioni nei materiali

$\epsilon'_s = 0.0013$ deformazione dell'armatura compressa

$\epsilon_s = -0.0160$ deformazione dell'armatura tesa

$\sigma'_s = 279.72$ N/mm² tensione nell'armatura compressa

$\sigma_s = -318.52$ N/mm² tensione nell'armatura tesa

$y'_c = 48.43$ mm Asse neutro per l'equilibrio alla traslazione (compreso fra 0 e h)

$A'_s = 339.29$ mm² Armatura compressa

$A_s = 339.29$ mm² Armatura tesa

$N'_s = 9.49E+04$ N Sforzo nell'armatura compressa

$N_s = -1.08E+05$ N Sforzo nell'armatura tesa

$N_c = 1.95E+05$ N Sforzo nel calcestruzzo compresso

$N_{Ed} = 1.82E+05$ N Sforzo normale sollecitante

$\Delta N(\gamma_c) = -3.09E-07$ N equilibrio alla traslazione

$M_{Rd,z} = 49.85$ kNm momento resistente allo SLU

Incremento del momento resistente

$\Delta M_{Rd,z} = 94.29$ % Incremento del momento resistente intorno a Z

Verifica a pressoflessione deviata senza rinforzo

$$\left(\frac{M_{E_{yd}}}{M_{R_{yd}}} \right)^{\alpha} + \left(\frac{M_{E_{zd}}}{M_{R_{zd}}} \right)^{\alpha} \leq 1$$

$\alpha = 1.00$

$M_{ed,y}/M_{Rd,y} = 0.00$

$M_{ed,z}/M_{Rd,z} = 1.73$

SF = 1.731 Fattore di sicurezza per verifica a p.fless.

Verifica				Esito
SF =	1.731	≤	1.00	Negativo

Verifica a pressoflessione deviata con rinforzo in FRP

$$\left(\frac{M_{E_{yd}}}{M_{R_{yd}}}\right)^{\alpha} + \left(\frac{M_{E_{zd}}}{M_{R_{zd}}}\right)^{\alpha} \leq 1$$

$\alpha =$

1.00

$M_{ed,y}/M_{Rd,y}^{FRP} =$

0.00

$M_{ed,z}/M_{Rd,z}^{FRP} =$

0.89

SF =

0.891

Fattore di sicurezza per verifica a p.fless.

Verifica				Esito
SF =	0.891	≤	1.00	Positivo