



# COMUNE DI NETTUNO

Provincia di ROMA



American Battle Monuments Commission  
Overseas Operations  
Garches, France

TITOLO:

RECUPERO E POTENZIAMENTO  
DELL'ATTRAVERSAMENTO DI VIA SANTA MARIA SUL  
FOSSO DEI TINOZZI

PROGETTO ESECUTIVO

TITOLO:

RELAZIONE DEI CALCOLI STATICI

ELABORATO:

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## **1. PREMESSA**

Nel presente elaborato sono riportati i criteri progettuali seguiti per il dimensionamento e le verifiche di resistenza del tombino scatolare in conglomerato cementizio armato da realizzarsi nell'ambito dei lavori di "Adeguamento e potenziamento dell'attraversamento di via Santa Maria sul fosso dei Tinozzi.

Il tombino scatolare presenta una sezione di forma rettangolare di tipo prefabbricato. Le dimensioni interne dello scatolare rettangolare sono: 400x150 cm e spessore 25 cm. Il tracciato è costituito da due tratti rettilinei raccordati da una curva gettata in opera delle stesse dimensioni interne e di spessore 40 cm. Il tracciato corre parzialmente al di sotto della sede stradale, mentre la parte finale si sviluppa in campagna. Il manufatto è completato da un'opera di sbocco e restituzione.


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## **2. NORMATIVE DI RIFERIMENTO**

Le opere comprese nel presente studio sono conformi alla normativa vigente, e in particolare:

- Norme Tecniche 2008 (D.M. 14/01/2008)
- Legge n. 1086 del 05/11/1971.
- Norme per la disciplina delle opere in conglomerato cementizio, normale e precompresso ed a struttura metallica.
- Legge nr. 64 del 02/02/1974.  
Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche.
- D.M. LL.PP. del 11/03/1988.  
Norme tecniche riguardanti le indagini sui terreni e sulle rocce, la stabilità dei pendii naturali e delle scarpate, i criteri generali e le prescrizioni per la progettazione, l'esecuzione e il collaudo delle opere di sostegno delle terre e delle opere di fondazione.
- D.M. LL.PP. del 14/02/1992.  
Norme tecniche per l'esecuzione delle opere in cemento armato normale e precompresso e per le strutture metalliche.
- D.M. 9 Gennaio 1996  
Norme Tecniche per il calcolo, l'esecuzione ed il collaudo delle strutture in cemento armato normale e precompresso e per le strutture metalliche
- D.M. 16 Gennaio 1996  
Norme Tecniche relative ai 'Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi.
- D.M. 16 Gennaio 1996  
Norme Tecniche per le costruzioni in zone sismiche
- Circolare Ministero LL.PP. 15 Ottobre 1996 N. 252 AA.GG./S.T.C.  
Istruzioni per l'applicazione delle Norme Tecniche di cui al D.M. 9 Gennaio 1996
- Circolare Ministero LL.PP. 10 Aprile 1997 N. 65/AA.GG.
- Istruzioni per l'applicazione delle Norme Tecniche per le costruzioni in zone sismiche di cui al D.M. 16 Gennaio 1996
- UNI EN 1794-1:2004: Dispositivi per la riduzione del rumore da traffico stradale – Prestazioni non acustiche – Parte 1: Prestazioni meccaniche e requisiti di stabilità.



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### 3. CARATTERISTICHE MATERIALI UTILIZZATI

Per la costruzione degli scatolari in calcestruzzo armato si adottano i seguenti materiali:

#### *Calcestruzzo per elementi prefabbricati*


Classe di esposizione	XC2		
Classe	C40/50		
Resistenza caratteristica a compressione,	Rck	50	[MPa]
Resistenza cilindrica caratteristica a compressione,	fck	40	[MPa]
Resistenza cilindrica di progetto a compressione,	fcd	23.5	[MPa]
Modulo elastico	E	35220	[MPa]
Coefficiente dilatazione termica		1,20E-05	

#### *Calcestruzzo per elementi gettati in opera*

Classe di esposizione	XC2		
Classe	C28/35		
Resistenza caratteristica a compressione,	Rck	35	[MPa]
Resistenza cilindrica caratteristica a compressione,	fck	28	[MPa]
Resistenza cilindrica di progetto a compressione,	fcd	15.86	[MPa]
Modulo elastico	E	32300	[MPa]
Coefficiente dilatazione termica		1,20E-05	

#### *Acciaio*

Classe	B450C		
Tensione di snervamento nominale,	f <sub>y,nom</sub>	450	[MPa]
Tensione di rottura nominale,	f <sub>t,nom</sub>	540	[MPa]
Tensione di progetto,	f <sub>yd</sub>	391	[MPa]
Modulo elastico	E	210000	[MPa]
Coefficiente dilatazione termica		1,20E-05	

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#### 4. PARAMETRI GEOTECNICI

Per quanto riguarda la successione degli strati di terreno che interessano l'opera, si riportano di seguito le relative tipologie (le caratteristiche assunte si ritengono rappresentative per l'intera tratta su cui le opere in progetto saranno realizzate):

##### Strato di ricoprimento

Descrizione	Terreno di ricoprimento
Peso di volume	19,00 [kN/mc]
Peso di volume saturo	21,00 [kN/mc]
Angolo di attrito	35,00 [°]
Coesione	0,00 [MPa]

##### Strato di rinfianco

Descrizione	Terreno di rinfianco
Peso di volume	19,00 [kN/mc]
Peso di volume saturo	21,00 [kN/mc]
Angolo di attrito	30,00 [°]
Angolo di attrito terreno struttura	10,00 [°]
Coesione	0,00 [MPa]
Costante di Winkler	0,00 [MPa/mm]


##### Strato di base

Descrizione	Terreno di base
Peso di volume	19,00 [kN/mc]
Peso di volume saturo	21,00 [kN/mc]
Angolo di attrito	30,00 [°]
Angolo di attrito terreno struttura	0,00 [°]
Coesione	0,00 [MPa]
Costante di Winkler	0,030 [MPa/mm]
Tensione ammissibile	0,400 [MPa]

Il livello della falda risulta inferiore al piano di posa dello scatolare.

#### 4.1. DEFINIZIONE DEI PARAMETRI SISMICI

Nel presente progetto è stata verificata la combinazione di carico sismica con riferimento allo stato limite ultimo di salvaguardia della vita (SLV).

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L'azione sismica adottata fa riferimento ai seguenti parametri:

- VN vita nominale dell'opera      50 anni
- Classe d'uso dell'opera            III -  $C_u = 1,5$
- VR periodo di riferimento= $VN * C_U = 75$  anni

#### **4.2. CATEGORIA DI SOTTOSUOLO E CONDIZIONI TOPOGRAFICHE**

Ai fini della definizione dell'azione sismica di progetto, ed in riferimento alle caratteristiche medie dei terreni interessati dall'opera e dalla topografia del territorio, si è assunto:

- Categoria di sottosuolo      C - depositi di terreni a grana grossa mediamente addensati o terreni a grana fina mediamente consistenti
- Categoria topografica      T1 – superficie pianeggiante, pendii e rilievi isolati con inclinazione media  $i \leq 15^\circ$

#### **4.3. COEFFICIENTI SISMICI**

I valori dei parametri  $a_g$ ,  $F_0$  e  $T_C^*$  relativi alla pericolosità sismica su reticolo di riferimento nell'intervallo comprendente il comune di Nettuno sono:



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Tipo costruzione (Art. 2.4.1)  
 Tipo 1 (Vn <=10 anni)  
 Tipo 2 (Vn >=50 anni)  
 Tipo 3 (Vn >=100 anni)

Vita Nominale Vn (anni):

Classe d'uso (Art. 2.4.2)  
 Classe I  
 Classe II  
 Classe III  
 Classe IV

Periodo di riferimento per l'azione sismica (>=35 anni): VR= Vn\*Cu= 50.00\*1.50= 75.00 anni

Pvr % (Art. 3.2.1)

SLD	81.00
SLD	63.00
SLV	10.00
SLC	5.00

Periodo di ritorno Tr (anni)

SLD	45.16
SLD	75.43
SLV	711.84
SLC	1462.18

Posizione del sito  
 Comune:   
 Longitudine   
 Latitudine   
  
 Isola:

Nodi intorno al sito

ID	Longitudine	Latitudine	Dist. sito (Km)
30291	12.6890	41.4820	3.5795
30290	12.6230	41.4820	3.9455
30512	12.6230	41.4320	4.2487
30513	12.6900	41.4320	3.9648

Parametri di pericolosità sismica

	ag (g/10)	F0 (adim)	TC*(sec)
SLD	0.3937	2.5320	0.2587
SLD	0.4815	2.5400	0.2817
SLV	0.9826	2.7050	0.3277
SLC	1.2021	2.7293	0.3384

N.B. Dal valore tabellato, per ottenere ag in (g), dividerlo per 10; per ottenerlo in m/sec<sup>2</sup>, moltiplicarlo per 0.9806

Sulla base dei parametri sopra riportati, sono stati calcolati i coefficienti sismici  $k_h$  e  $k_v$ :

$$K_h = \beta_m \times \frac{a_{max}}{g} \quad \text{dove:}$$

$$a_{max} = S_s \times S_T \times a_g \quad \text{in cui } S_s=1,0 \text{ e } S_T= 1,50$$

Sostituendo i valori dei parametri si ottiene  $K_h= 0,15$

$$K_v = \pm 0,5 \times K_h$$

Da cui  $K_v= \pm 0,075$

$$K_s = \beta_m \times \frac{a_{max}}{g}$$

avendo assunto  $\beta_m$  unitario per opere che non siano in grado di subire spostamenti relativi rispetto al terreno (condizioni  $k_0$  di spinta a riposo).





## 5.2. ANALISI DEI CARICHI

Vengono di seguito riportati i tipi di carico ed azioni esterne agenti sulla struttura:

- Peso proprio struttura;
- carichi permanenti;
- carico mobile;
- carico idrostatico;
- azione sismica.

### 5.2.1. Carichi permanenti

I pesi specifici dei materiali propri e portati dalla struttura sono assunti:

- peso proprio del calcestruzzo armato	25.00 kN/m <sup>3</sup> ;
- peso proprio del terreno di ricoprimento	19.00 kN/m <sup>3</sup> ;
- peso proprio del terreno di ricoprimento in condizioni sature	21.00 kN/m <sup>3</sup>
- peso proprio del terreno di rinfiacco e di fondazione	19.00 kN/m <sup>3</sup> ;
- peso proprio del terreno di ricoprimento in condizioni sature	21.00 kN/m <sup>3</sup>
- peso proprio dell'acqua	10.00 kN/m <sup>3</sup> ;
- peso proprio della pavimentazione stradale	2.00 kN/m <sup>2</sup> ;

### 5.2.2. Frenamento

L'azione del frenamento risulta trascurabile per le strutture in esame in quanto si considera che venga adeguatamente diffusa nel ricoprimento ed inoltre, qualora venisse considerata, dovrebbe essere combinata con i valori frequenti dei carichi variabili verticali (gruppo di azioni 2a) determinando una condizione di carico non dimensionante.

### 5.2.3. Carico termico

Dato che le opere in progetto sono completamente interrato e all'interno vi scorre l'acqua si ipotizza che il gradiente termico tra la faccia contro terra e la faccia bagnata sia trascurabile.

## 5.3. CALCOLO DEL CARICO SUL TRAVERSO SUPERIORE

### 5.3.1. Pressione geostatica

In questo caso la pressione sul traverso viene calcolata come prodotto tra il peso di volume del



terreno per l'altezza del ricoprimento (Spessore dello strato di terreno superiore). Quindi la pressione sul traverso è fornita dalla seguente relazione generale:

$$P_v = \gamma \times H$$

Nella fattispecie in esame il ricoprimento è costituito da una soletta di ripartizione in c.a. dello spessore di 20 cm e la soprastante struttura stradale, per i quali si adotteranno i seguenti carichi uniformemente distribuiti:

- soletta di ripartizione  $P_{v1} = 5,0 \text{ kN/m}^2$  [SC2]
- sovrastruttura stradale  $P_{v2} = 2,0 \text{ kN/m}^2$  [SC3]

Complessivamente il carico uniformemente distribuito sul traverso è pari a  $7,0 \text{ kN/m}^2$

Se sul profilo del piano campagna sono presenti dei sovraccarichi, concentrati e/o distribuiti, la diffusione di questi nel terreno avviene secondo un angolo, rispetto alla verticale, pari a  $45,00^\circ$ .

Nel tratto di tracciato in campagna il ricoprimento risulta costituito da uno spessore di terreno di 0,5 m, a cui corrisponde un carico uniformemente ripartito pari a:

$$P_v = 9,5 \text{ kN/m}^2$$

### 5.3.2. Carico mobile da traffico [CDC3 e CDC4]

Le azioni variabili del traffico definite nello Schema di Carico 1 sono costituite da carichi concentrati e da carichi uniformemente distribuiti.

Il carico mobile è stato assunto pari a coppia di assi in tandem da 300 kN ciascuno con carico distribuito di  $9 \text{ KN/m}^2$ :

- carico asse  $Q_{1k} = 300 \text{ kN}$ ;

- carico distribuito  $q_{1k} = 9 \text{ kN/m}^2$ ; [SC9]

La viabilità che insiste sulla copertura dell'attraversamento scatolare è costituita da una strada ad una corsia per ogni senso di marcia. Occorre precisare che il manufatto prefabbricato presenta elementi di lunghezza massima di 2,0 m circa per esigenze di trasporto. Nella disposizione del carico tandem si è tenuto conto della diffusione di questo secondo un angolo pari all'angolo di  $45^\circ$ .

Risulta quindi, per un'altezza di ricoprimento prudenziale di 0,30 m, una ripartizione di:

$$B_T = 2,00 + 0,20 \times 2 + 2 \times 0,30 \times \tan g(45^\circ) = 3,00m$$

$$B_L = 1,20 + 0,20 \times 2 + 2 \times 0,30 \times \tan g(45^\circ) = 2,20m$$

Ne risulta che il carico uniformemente distribuito è:





$$Q = \frac{2 \times Q_{1k}}{B_T \times B_L} = \frac{2 \times 300}{3,00 \times 2,20} = 90,91 \text{ kN/m}^2 \quad [\text{SC8}]$$

Per i manufatti di raccordo (curve) in c.a. previsti nel tratto in campagna e quindi non carrabili si ipotizza cautelativamente il passaggio di un carico di 200 kN su un'impronta 60x35 cm, corrispondente ad una sola ruota di uno schema di carico 2. Per esso risulta quindi, in corrispondenza di un'altezza di ricoprimento prudenziale di 0,50 m, una ripartizione di:

$$B_T = 0,60 + 2 \times 0,50 \times \tan(45^\circ) = 1,60 \text{ m}$$

$$B_L = 0,35 + 2 \times 0,50 \times \tan(45^\circ) = 1,35 \text{ m}$$

Ne risulta un carico uniformemente distribuito di 92,6 kN/m<sup>2</sup> [SC8]

## 5.4. SPINTA LATERALE SUI PIEDRITTI

### 5.4.1. Spinta in presenza di falda

Nel caso in cui a monte della parete sia presente la falda il diagramma delle pressioni sulla parete risulta modificato a causa della sottospinta che l'acqua esercita sul terreno. Il peso di volume del terreno al di sopra della linea di falda non subisce variazioni. Viceversa al di sotto del livello di falda va considerato il peso di volume di galleggiamento

$$\gamma_a = \gamma_{sat} - \gamma_w$$

dove  $\gamma_{sat}$  è il peso di volume saturo del terreno (dipendente dall'indice dei pori) e  $\gamma_w$  è il peso di volume dell'acqua. Quindi il diagramma delle pressioni al di sotto della linea di falda ha una pendenza minore. Al diagramma così ottenuto va sommato il diagramma triangolare legato alla pressione idrostatica esercitata dall'acqua.

Nel caso in esame la falda risulta inferiore alla quota di scorrimento.

### 5.4.2. Spinta della terra a riposo [SC4]

Prudenzialmente si assume che sui piedritti agisca la spinta del terreno calcolata in condizioni di riposo. Il coefficiente di spinta a riposo è espresso dalla relazione:

$$K_0 = 1 - \sin \phi$$

dove  $\phi$  rappresenta l'angolo d'attrito interno del terreno di rinfianco (30°) da cui  $K_0=0,5$ .

Quindi la pressione laterale, ad una generica profondità  $z$  e la spinta totale sulla parete di altezza  $H$  valgono:

$$\sigma = \gamma \times z \times K_0 + p_v \times K_0$$
$$S = 1/2 \times \gamma \times H^2 \times K_0 + p_v \times K_0 \times H$$

dove  $p_v$  è la pressione verticale agente in corrispondenza della soletta superiore.

Considerando rispettivamente profondità medie di 0,5 e 2,25 m in corrispondenza degli assi dei traversi superiore ed inferiore si ottengono valori di pressione laterale di:





$$\sigma(0,5) = 4,75 \text{ kN/m}^2$$

$$\sigma(2,25) = 21,38 \text{ kN/m}^2$$

Per le strutture in c.a. di raccordo e restituzione, considerando rispettivamente profondità medie di 0,5 e 2,25 m in corrispondenza degli assi dei traversi superiore ed inferiore si ottengono valori di pressione laterale di:

$$\sigma(0,7) = 6,65 \text{ kN/m}^2$$

$$\sigma(2,60) = 24,70 \text{ kN/m}^2$$

#### 5.4.3. Incremento della spinta sulle pareti per effetto del carico stradale esterno [SC5]

Si considera, in una opportuna condizione di carico, l'incremento di spinta su una delle pareti dello scatolare dovuta alla presenza di sovraccarico stradale in posizione esterna alla soletta. La norma consente di considerare, a questo scopo, un carico uniformemente distribuito equivalente allo schema di carico 1. In particolare i carichi relativi al tandem possono essere considerati uniformemente ripartiti in un'area di lunghezza 2,2 m e larghezza 3 m.

Si considerano, ai fini della suddetta condizione di carico, i soli carichi agenti al di sopra di un ideale cuneo di rottura. Tale cuneo viene definito da un angolo con l'orizzontale pari a  $45^\circ - \varphi/2$ .

La larghezza massima del cuneo  $B_c = 2,2 \times \cot(\varphi) = 3,80 \text{ m}$

Carico uniforme equivalente al tandem  $q = 600 \text{ kN}/(2,2 \times 3,0) = 90,91 \text{ kN/m}^2$

Carico uniforme equivalente sulla sommità del cuneo per larghezza unitaria

$$Q = q \times 2,2 / B_c = 9 \text{ kN/m}^2 = 61,63 \text{ KN/m}^2$$

Pertanto la pressione uniformemente ripartita sulla parete dello scatolare è determinata in:

$$q_{tl} = Q \times K_0 = 61,63 \times 0,5 = 30,82 \text{ kN/m}^2 \text{ [SC5]}$$

In corrispondenza delle strutture di raccordo e restituzione l'incremento di spinta delle terre al passaggio del carico mobile vale:

$$Q = q \times 1,60 / B_c \text{ kN/m}^2 = 92,6 \times 1,60 / (1,35 \times \cot \varphi) = 63,36 \text{ KN/m}^2$$

$$q_{tl} = Q \times K_0 = 63,36 \times 0,5 = 31,7 \text{ kN/m} \text{ [SC5]}$$

Vale la pena sottolineare che in questa condizione di carico non sarà presente carico da traffico al di sopra della soletta.

#### 5.4.4. Spinta sismica sulla struttura ed incremento sismico di spinta sul rinterro - Formula di Wood

La forza sismica agente sulla struttura è pari a:

$$F_{sisma} = F_h \times W = 0,15 \times 75 = 11,25 \text{ kN}$$

Dove W è il peso della struttura pari a 75 kN

Per i tratti di struttura gettata in opera:



$$F_{sisma} = F_h \times W = 0,15 \times 126 = 18,90 \text{ kN}$$

Tale forza verrà applicata cautelativamente in quota parte sugli elementi strutturali.

Spinta del terreno nel caso di strutture rigide.

Nel caso di strutture rigide completamente vincolate, in modo tale che non può svilupparsi nel terreno uno stato di spinta attiva, l'incremento dinamico di spinta del terreno può essere calcolato come:

$$\Delta P_d = \gamma \times H^2 \times K_h$$
$$K_h = \beta_m \times S_s \times S_T \times \frac{a_g}{g}$$

Dove  $H$  è l'altezza sulla quale agisce la spinta. Il punto di applicazione viene stabilito a metà altezza del ritto.

$\Delta P_d = 8,73 \text{ KN}$  con una pressione uniformemente distribuita pari a  $4,99 \text{ kN/m}^2$  [SC13]

Identici calcoli sviluppati per le strutture di raccordo e restituzione determinano i seguenti valori:

$\Delta P_d = 10,29 \text{ KN}$  con una pressione uniformemente distribuita pari a  $5,42 \text{ kN/m}^2$  [SC13]

#### 5.4.5. 5.1.5. Carico idrostatico [SC6 e SC7]

Il carico idrostatico è stato applicato ai piedritti e alla soletta inferiore nell'ipotesi di massimo riempimento di 1,5 m.

$$P_{w\max} = \gamma_a \times h_a = 10 \times 1,50 = 15 \text{ kN/m}$$

### 5.5. MODELLO DI CALCOLO

Per il calcolo delle strutture in esame è stato ipotizzato uno stato piano di deformazione, per cui è stata considerata una "striscia" di attraversamento larga 1,0 m, sulla quale sono stati applicati i carichi previsti dalle norme. Lo scatolare è stato dunque schematizzato da un insieme di elementi monodimensionali. Lo schema statico considerato è dunque di portale chiuso alla base dalla trave di fondazione. L'azione del terreno di rinfianco è stata considerata come un carico permanente e la spinta esercitata sulle pareti dello scatolare è stata calcolata facendo riferimento ad uno stato di equilibrio a riposo. E' stata considerata l'assenza della falda. Inoltre è stata presa in considerazione la presenza di un battente d'acqua all'interno dello scatolare con un livello pari a 1,5 m.

Al terreno di rinfianco non sono invece assegnate, a favore di sicurezza, proprietà elastiche. Per la risoluzione del modello di calcolo e l'ottenimento degli involuppi delle caratteristiche di sollecitazione si è fatto uso del software Sap2000.

A partire dal tipo di terreno, dalla geometria e dai sovraccarichi agenti il programma è in grado di conoscere tutti i carichi agenti sulla struttura per ogni combinazione di carico.

La struttura scatolare viene schematizzata come un telaio piano e viene risolta mediante il metodo degli elementi finiti (FEM). Più dettagliatamente il telaio viene discretizzato in una serie di elementi connessi fra di loro nei nodi.



Il terreno di fondazione viene invece schematizzato con una serie di elementi molle non reagenti a trazione (modello di Winkler). L'area della singola molla è direttamente proporzionale alla costante di Winkler del terreno e all'area di influenza della molla stessa. La soluzione del sistema viene fatta per ogni combinazione di carico agente sullo scatolare. Il successivo calcolo delle armature nei vari elementi viene condotto tenendo conto delle condizioni più gravose, che si verificano per ciascun elemento.

## 5.6. SCHEMI E COMBINAZIONI DI CARICO

### 5.6.1. Condizioni di carico

#### *Convenzioni adottate*

Origine in corrispondenza dello spigolo inferiore sinistro della struttura

Carichi verticali positivi se diretti verso il basso

Carichi orizzontali positivi se diretti verso destra

Coppie concentrate positive se antiorarie

Ascisse X (espresse in m) positive verso destra

Ordinate Y (espresse in m) positive verso l'alto

Carichi concentrati espressi in kN

Coppie concentrate espressi in kNm

Carichi distribuiti espressi in kN/m

#### *Simbologia adottata e unità di misura*

#### *Forze concentrate*

X ascissa del punto di applicazione dei carichi verticali concentrati

Y ordinata del punto di applicazione dei carichi orizzontali concentrati

F<sub>y</sub> componente Y del carico concentrato

F<sub>x</sub> componente X del carico concentrato

M momento

#### *Forze distribuite*

X<sub>i</sub>, X<sub>f</sub> ascisse del punto iniziale e finale per carichi distribuiti verticali

Y<sub>i</sub>, Y<sub>f</sub> ordinate del punto iniziale e finale per carichi distribuiti orizzontali

V<sub>ni</sub> componente normale del carico distribuito nel punto iniziale

V<sub>nf</sub> componente normale del carico distribuito nel punto finale

V<sub>ti</sub> componente tangenziale del carico distribuito nel punto iniziale

V<sub>tf</sub> componente tangenziale del carico distribuito nel punto finale.

### 5.6.2. Schemi di carico adottati

- Schema di carico n°1 (Peso Proprio struttura)
- Schema di carico n°2 (soletta ripartizione in c.a.)
- Schema di carico n°3 (pavimentazione stradale)



- Schema di carico n°4 (Spinta terreno cond. riposo)
- Schema di carico n°5 (incremento Spinta terre per carico mobile esterno)
- Schema di carico n°6 (Spinta idrostatica interna pareti)
- Schema di carico n°7 (Spinta idrostatica interna soletta)
- Schema di carico n°8 (Carico mobile tandem Q1k unif. Distrib.)
- Schema di carico n°9 (Carico mobile q1k unif. Distrib.)
- Schema di carico n°10 (spinta sismica struttura in dir. +z)
- Schema di carico n°11 (spinta sismica struttura in dir. -z)
- Schema di carico n°12 (spinta sismica struttura in dir. x)
- Schema di carico n°13 (incremento sismico Spinta terre)

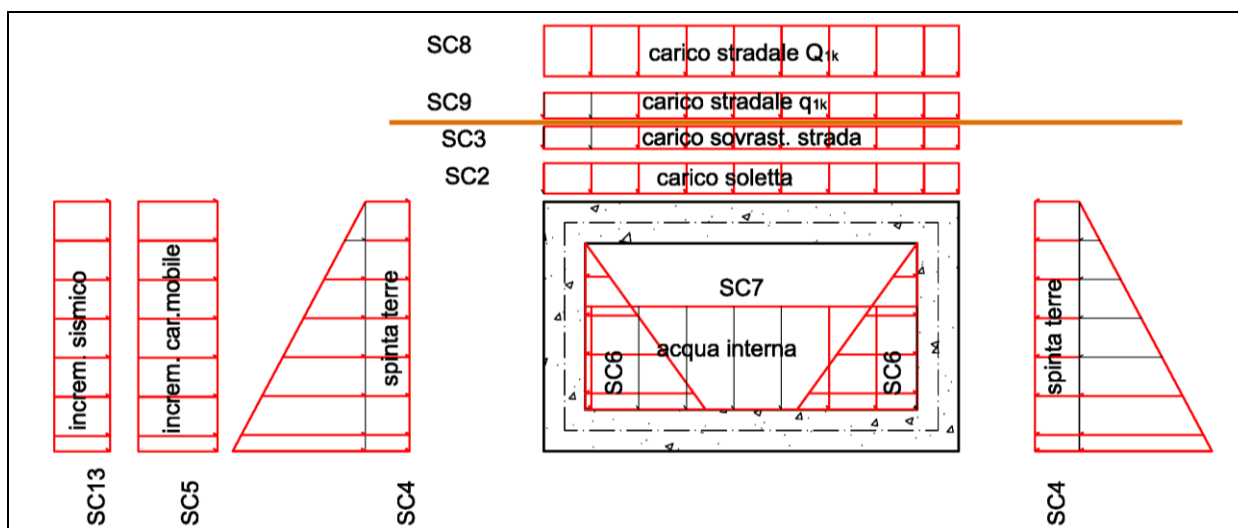


Figura 1 – Condizioni di carico.

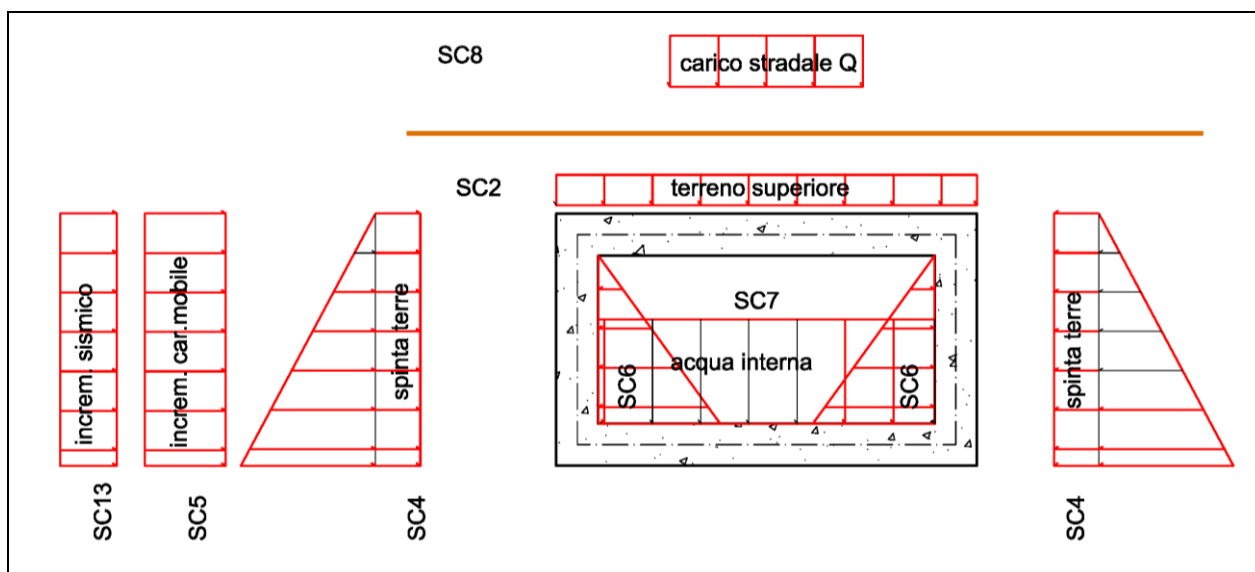


Figura 2 – Struttura per manufatti raccordo e restituzione fuori sede stradale: Condizioni di carico.



### 5.6.3. Combinazioni di carico adottate

#### Simbologia adottata

- $\gamma$  Coefficiente di partecipazione della condizione  
 $\Psi$  Coefficiente di combinazione della condizione  
C Coefficiente totale di partecipazione della condizione

#### Norme Tecniche 2008

#### Simbologia adottata

- $\gamma_{G1sfav}$  Coefficiente parziale sfavorevole sulle azioni permanenti  
 $\gamma_{G1fav}$  Coefficiente parziale favorevole sulle azioni permanenti  
 $\gamma_{G2sfav}$  Coefficiente parziale sfavorevole sulle azioni permanenti non strutturali  
 $\gamma_{G2fav}$  Coefficiente parziale favorevole sulle azioni permanenti non strutturali  
 $\gamma_Q$  Coefficiente parziale sulle azioni variabili

#### Coefficienti di partecipazione combinazioni statiche

Coefficienti parziali per le azioni o per l'effetto delle azioni:

Carichi	Effetto		A1	A2
Permanenti	Favorevole	$\gamma_{G1fav}$	1,00	1,00
Permanenti	Sfavorevole	$\gamma_{G1sfav}$	1,35	1,00
Permanenti	Favorevole	$\gamma_{G2fav}$	0,00	0,00
Permanenti	Sfavorevole	$\gamma_{G2sfav}$	1,50	1,30
Variabili	Favorevole	$\gamma_{Qfav}$	0,00	0,00
Variabili	Sfavorevole	$\gamma_{Qsfav}$	1,35	1,15

Coefficienti parziali per i parametri geotecnici del terreno

Parametri		M1	M2
Tangente dell'angolo di attrito	$\gamma_{\tan\phi'}$	1,00	1,25
Coesione efficace	$\gamma_{c'}$	1,00	1,25
Resistenza non drenata	$\gamma_{cu}$	1,00	1,40
Resistenza a compressione uniassiale	$\gamma_{qu}$	1,00	1,60
Peso dell'unità di volume	$\gamma_{\gamma}$	1,00	1,00

#### Coefficienti di partecipazione combinazioni sismiche

Coefficienti parziali per le azioni o per l'effetto delle azioni:

Carichi	Effetto		A1	A2
Permanenti	Favorevole	$\gamma_{G1fav}$	1,00	1,00
Permanenti	Sfavorevole	$\gamma_{G1sfav}$	1,00	1,00
Permanenti	Favorevole	$\gamma_{G2fav}$	0,00	0,00





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*Struttura in c.a. fuori sede stradale*

Combinaz.		1	2	3	4	5	6	7	8	9	10
SLU/SLE	Gruppo azioni	Peso proprio [SC1]	Permanenti sol. Terreno ricop. Super. [SC2]	SpintaTerre [SC4]	Increment. Spinta terre carico strada sx [SC5]	Spinta idro. Int. [SC6-7]	Carico mobile Q1k [SC8]	Azione sismica Dir. X	Azione sismica strut. V +Z	Azione sismica strut. V - Z	Increment.sismico terreno Dir. X [SC13]
COMB.1	A1-M1	1.35	1.35	1.35	0	0	1.35	0	0	0	0
COMB.2	A1-M1	1.35	1.35	1.35	0	1.0	1.35	0	0	0	0
COMB.3	A1-M1	1.35	1.35	1.35	0	1.5	1.01	0	0	0	0
COMB.4	A1-M1	1.35	1.35	1.35	1.35	0	0	0	0	0	0
COMB.5	A1-M1	1.35	1.35	1.0	1.35	0	0	0	0	0	0
COMB. 6	Sisma-A1-M1	1.0	1.0	1.0	0	0	0	1	0.5	0	1
COMB. 7	Sisma-A1-M1	1.0	1.0	1.0	0	0	0	1	0	0.5	1
COMB. 8	Sisma-A1-M1	1.0	1.0	1.0	1.0	0	0	1	0	0.5	1
COMB. 9	A2-M2	1.0	1.0	1.3	0	0	1.15	0	0	0	0
COMB. 10	A2-M2	1.0	1.0	1.3	0	0	0.86	0	0	0	0
COMB. 11	RARA	1.0	1.0	1.0	0	1	1	0	0	0	0
COMB. 12	FREQ	1.0	1.0	1.0	1.0	0	0.75	0	0	0	0
COMB. 13	Q.PERM	1.0	1.0	1.0	0	0	0	0	0	0	0



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## 5.7. RISULTATI

Di seguito si riportano in forma sintetica i risultati delle verifiche eseguite.

*Scatolare in elementi prefabbricati in sede stradale: sintesi delle sollecitazioni risultanti*

COMBIN.	SOLETTA SUPERIORE			RITTO			SOLETTA FONDAZIONE					
	SX	MEZ	DX	INF	MEZ	SUP	SX	MEZ	DX			
1	M	-112.13	147.11	-140.71	M	102.23	91.50	112.13	M	102.23	-88.49	67.10
	T	185.60	0.00	199.05	T	-30.75	0.00	-42.07	T	-199.83	0.00	190.68
	N	-42.06	-42.06	-42.06	N	-200.37	-192.99	-185.60	N	-127.15	-127.15	-127.15
2	M	-125.64	147.89	-125.64	M	83.45	102.10	125.64	M	83.45	-88.19	83.45
	T	192.33	0.00	192.33	T	18.53	0.00	-29.71	T	199.13	0.00	199.13
	N	-29.70	-29.70	-29.70	N	-207.09	-199.71	-192.33	N	-20.50		-20.50
3	M	-104.64	122.27	-104.62	M	73.09	86.41	104.62	M	73.09	-76.25	73.09
	T	164.83	0.00	164.83	T	12.43	0.00	-23.61	T	173.46	0.00	173.46
	N	-23.61	-23.61	-23.61	N	-179.60	-172.22	-164.83	N	-13.76	-13.76	-13.76
4	M	-16.70	30.33	-45.29	M	52.26	11.80	16.70	M	52.26	-29.43	17.13
	T	50.60	0.00	64.05	T	-75.43	0.00	-28.25	T	73.88	0.00	64.73
	N	-28.25	-28.25	-28.25	N	-65.37	-57.99	-50.60	N	-77.69	-77.69	-77.69
5	M	-19.71	33.96	-48.29	M	54.48	16.16	19.71	M	54.48	-32.38	19.35
	T	57.10	0.00	70.55	T	-70.13	0.00	-25.45	T	79.94	0.00	70.78
	N	-25.54	-25.54	-25.54	N	-71.87	-64.49	-57.10	N	-83.56	-83.56	-83.56
6	M	-10.30	14.37	-18.65	M	22.65	8.85	10.30	M	22.65	-15.33	13.53
	T	25.70	0.00	29.62	T	-26.10	0.00	-7.14	T	38.34	0.00	35.78
	N	-7.14	-9.13	-11.12	N	-36.22	-30.96	-25.70	N	-11.13	-11.13	-11.13
7	M	-10.56	16.24	-18.91	M	28.30	11.80	10.56	M	28.30	-22.60	19.18
	T	26.69	0.00	30.62	T	-29.19	0.00	-4.05	T	81.60	0.00	78.84
	N	-4.05	-6.04	-8.03	N	-38.04	-32.37	-26.69	N	-7.71	-7.71	-7.71

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COMBIN.	SOLETTA SUPERIORE			RITTO			SOLETTA FONDAZIONE					
	SX	MEZ	DX	INF	MEZ	SUP	SX	MEZ	DX			
8	M	-20.34	26.78	-28.69	M	36.11	20.59	20.34	M	36.11	-30.58	26.99
	T	45.81	0.00	49.74	T	-28.06	0.00	-5.18	T	99.49	0.00	96.73
	N	-5.18	-7.17	-9.15	N	-57.16	-51.49	-45.81	N	-8.95	-8.95	-8.95
9	M	-96.13	121.80	-117.30	M	84.03	71.53	96.13	M	84.03	-72.02	58.01
	T	154.72	0.00	164.58	T	-38.77	0.00	-46.05	T	164.15	0.00	157.37
	N	-46.03	-46.03	-46.03	N	-165.56	-160.09	-154.62	N	-76.49	-76.49	-76.49
10	M	-78.20	99.95	-99.37	M	75.20	58.15	78.20	M	75.20	-61.83	49.18
	T	131.17	0.00	141.13	T	-43.96	0.00	-40.84	T	142.26	0.00	135.48
	N	-40.84	-40.84	-40.84	N	-142.11	-136.64	-131.17	N	-70.73	-70.73	-70.73
11	M	-95.59	112.14	-95.59	M	63.83	77.57	95.59	M	63.83	-67.25	63.82
	T	147.28	0.00	147.28	T	13.04	0.00	-22.78	T	151.72	0.00	151.72
	N	-22.78	-22.78	-22.78	N	-158.22	-152.75	-147.28	N	-14.44	-14.44	-14.44
12	M	-12.39	22.17	-33.56	M	38.73	8.76	12.39	M	38.73	-21.82	12.70
	T	37.52	0.00	47.48	T	-55.87	0.00	-20.93	T	54.76	0.00	47.98
	N	-20.93	-20.93	-20.93	N	-48.45	-42.99	-37.52	N	-57.55	-57.55	-57.55
13	M	-14.76	15.15	-14.76	M	18.14	11.95	14.76	M	18.14	-15.41	18.14
	T	28.15	0.00	28.15	T	-15.79	0.00	-7.07	T	37.83	0.00	37.83
	N	-7.07	-7.07	-7.07	N	-39.09	-33.63	-28.16	N	-17.48	-17.48	-17.48



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COMBIN.	SOLETTA SUPERIORE			RITTO			SOLETTA FONDAZIONE					
	SX	MEZ	DX	INF	MEZ	SUP	SX	MEZ	DX			
1	M	-95.49	125.62	-95.49	M	85.68	81.1	95.49	M	85.68	-94.09	85.68
	T	-143.38	0	141.2	T	18.8	0	-21.42	T	-159.02	0	157.21
	N	-21.41	-21.41	-21.41	N	-169.03	-156.05	-143.38	N	-18.48	-18.48	-18.48
2	M	-94.81	126.3	-94.22	M	85.27	83.87	94.81	M	85.27	-95.23	84.68
	T	-143.3	0	141.19	T	9.44	-5.84	-16.52	T	-161.83	0	160.02
	N	-16.52	-16.52	-16.52	N	-169.03	-156.1	-143.38	N	-9.28	-9.28	-9.28
3	M	-78.02	103.45	-77.58	M	74.95	72.04	78.02	M	74.95	83.31	74.51
	T	-121.8	0	120.22	T	8.1	-1.84	-10.73	T	-143.34	0	-141.98
	N	-10.73	-10.73	-10.73	N	-147.51	-134.6	-121.52	N	-7.96	-7.96	-7.96
4	M	-14.77	32.52	-49.45	M	68.87	13.27	14.76	M	68.87	-47.29	26.3
	T	-50	0	65.8	T	93.09	26.3	-28.47	T	-75.82	-20.16	84.38
	N	-28.43	-28.43	-28.03	N	-91.45	-78.58	-28.42	N	-51.56	-51.56	-51.56
5	M	-14.28	33	-48.96	M	-48.96	-30.31	-25.74	M	68.33	-45.45	25.74
	T	-50	0	65.8	T	-24.24	26.93	86.85	T	-75.8	-20.16	84.67
	N	-24.24	-24.24	-24.24	N	-66.6	-78.6	-91.45	N	-45.42	-45.42	-45.42
6	M	-15.29	23	-28.66	M	-26.03	-21.68	-28.66	M	40	32.66	26.06
	T	-39.04	0	-45.11	T	-12	10.32	37.54	T	-56.08	6.44	59.57
	N	-5	-12	-12	N	-45.63	-54.01	-63.4	N	-23.36	-25.98	-28.98
7	M	-16.53	25.79	-29.9	M	-41.96	-23.03	-29.9	M	41.96	-34.37	27.59
	T	-40.69	0	46.76	T	-11.83	13.37	37.7	T	-59.02	-6.4	62.52
	N	-5.22	-11.83	-11.83	N	-47.24	-57	-66.48	N	-23.15	-26.15	-29.15

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COMBIN.	SOLETTA SUPERIORE			RITTO			SOLETTA FONDAZIONE					
	SX	MEZ	DX	INF	MEZ	SUP	SX	MEZ	DX			
8	M	-5.11	26.01	-44.17	M	-47.17	-22.99	59.24	M	59.24	-39.26	-13.14
	T	-34.67	9.91	52.6	T	-20.24	29	82.92	T	-55.89	-21.38	65.7
	N	-20.24	-26.84	-26.84	N	-53.12	-62.04	-72.32	N	-38	-41.38	-44
9	M	-78.4	102.87	-77.9	M	68.39	64.25	78.4	M	68.39	-74.8	67.89
	T	-115.7	0	113.84	T	-20.92	-7.18	17.8	T	-126.59	0	125.04
	N	-20.92	-20.92	-20.92	N	-114.39	-123.42	-132.84	N	-17.5	-17.5	-17.5
10	M	-64.37	83.09	-64	M	64.37	52.96	59.76	M	59.76	-64.14	59.39
	T	-97.34	0	95.95	T	-18.07	-4.18	20.25	T	-109.62	0	-108.46
	N	-18.07	-18.07	-18.07	N	-97.34	-106.9	-116.34	N	-20.3	-20.3	-20.3
11	M	-70.05	93.73	-69.61	M	70.05	62.88	63.05	M	63.05	-70.84	62.62
	T	-106.21	0	104.59	T	-10.97	-3.94	4.67	T	-120.6	0	119.26
	N	-10.97	-10.97	-10.97	N	-106.2	-115.64	-121.21	N	-4.49	-4.49	-4.49
12	M	-47.22	74.57	-72.58	M	-72.58	-50	73.31	M	73.31	-60.83	41.46
	T	-84.34	0	95.01	T	-28.42	13.14	61.6	T	-100.04	-14.71	105.38
	N	-28.42	-28.42	-28.42	N	-84.54	-94.09	-103.54	N	-30.95	-30.95	-30.95
13	M	-22.35	24.84	-22.35	M	-22.35	-21.3	-33.73	M	33.73	-32.94	33.73
	T	-42.9	0	42.9	T	-6.04	4.88	23.24	T	-59.29	0	59.29
	N	-6.04	-6.04	-6.04	N	-42.9	-52.48	-61.9	N	-23.04	-23.04	-23.04

Di seguito si riportano le max sollecitazioni agenti su ciascun elemento e le relative verifiche:

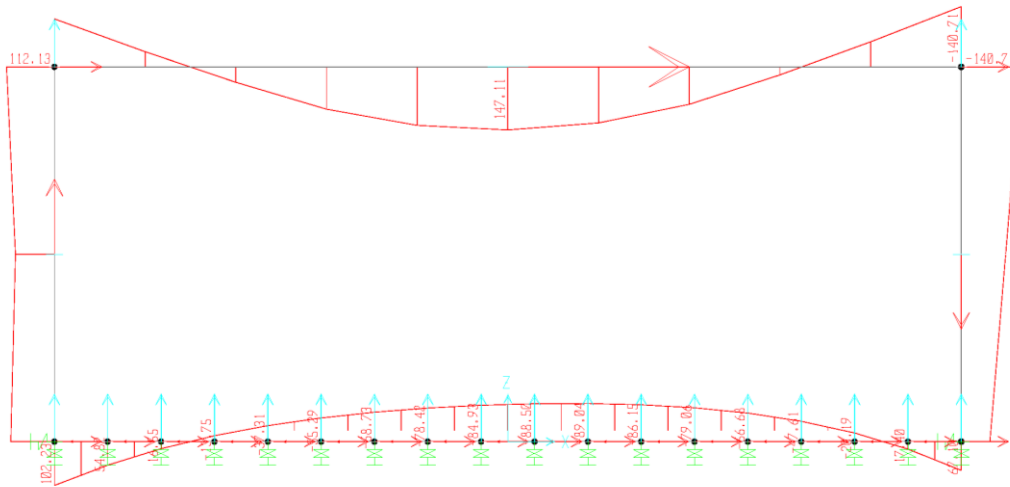
*Scatolare in elementi prefabbricati in sede stradale: sintesi delle sollecitazioni risultanti*

	SOLETTA SUPERIORE			PIEDRITTO			SOLETTA INFERIORE		
	Inc. Sx	Mezz.	Inc.Dx	Inc. Sx	Mezz.	Inc.Dx	Inc. Sx	Mezz.	Inc.Dx
M(kNm)	-112.13	147.89	-140.71	102.23	102.1	125.64	102.23	-88.19	83.45
T (kN)	185.60	0	199.05	-30.75	0	-29.71	-199.83	0	199.13
N (kN)	-42.06	-29.70	-42.06	-200.37	-192.33	-192.33	-127.15	-20.50	-20.50

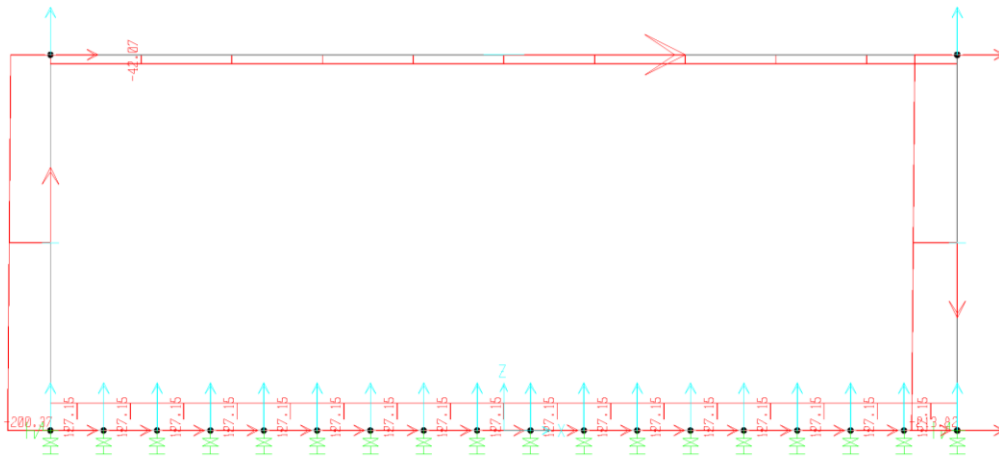
*Scatolare in c.a. fuori sede stradale: sintesi delle sollecitazioni risultanti*

	SOLETTA SUPERIORE			PIEDRITTO			SOLETTA INFERIORE		
	Inc. Sx	Mezz.	Inc.Dx	Inc. Sx	Mezz.	Inc.Dx	Inc. Sx	Mezz.	Inc.Dx
M(kNm)	-95.49	126.3	-95.49	85.68	83.87	95.49	85.68	-95.23	85.68
T (kN)	-143.38	0	141.20	18.8	-5.84	-21.42	-159.02	0	157.21
N (kN)	-21.41	-16.52	-21.41	-169.03	-156.10	-143.38	-18.48	-9.28	-18.48

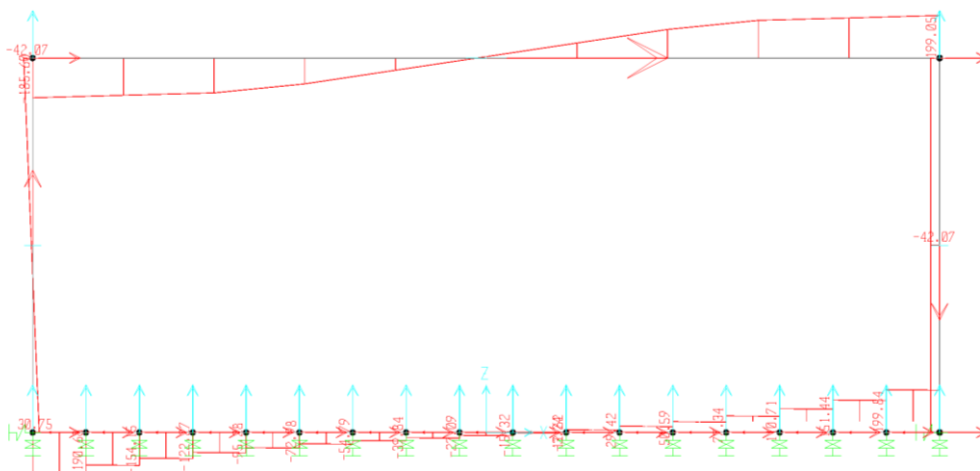
A titolo esemplificativo si riportano di seguito i diagrammi M, N, T di alcune combinazioni di carico.



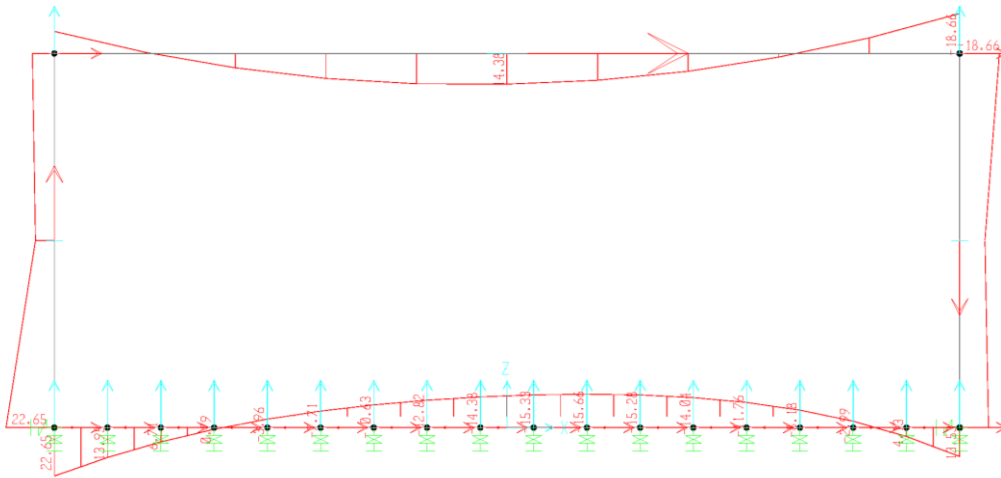
Scatolare 400x150 s=25 cm: comb.1 diagramma Momenti



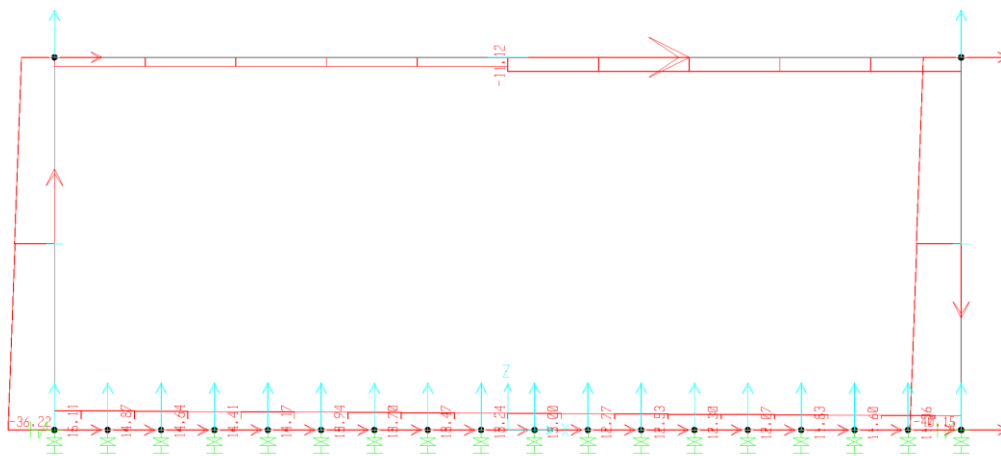
Scatolare 400x150 s=25 cm: comb.1 diagramma N



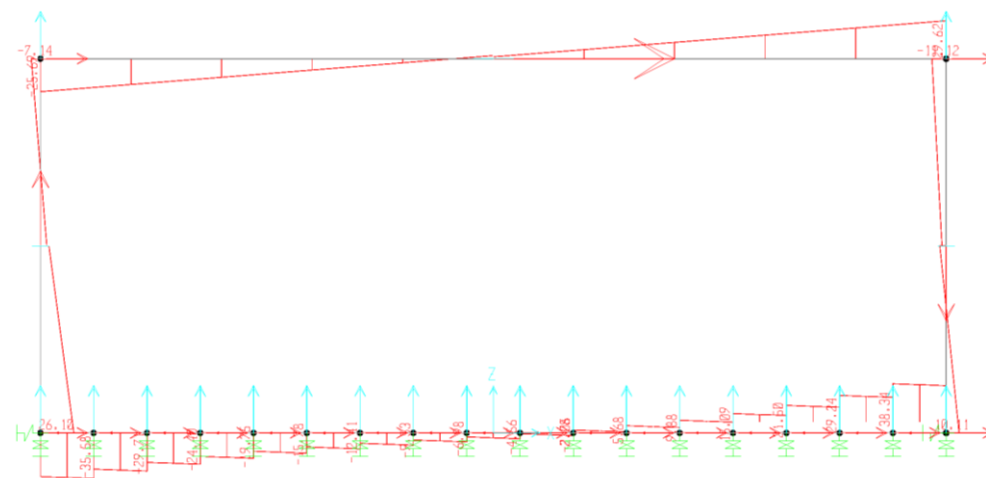
Scatolare 400x150 s=25 cm: comb.1 diagramma T



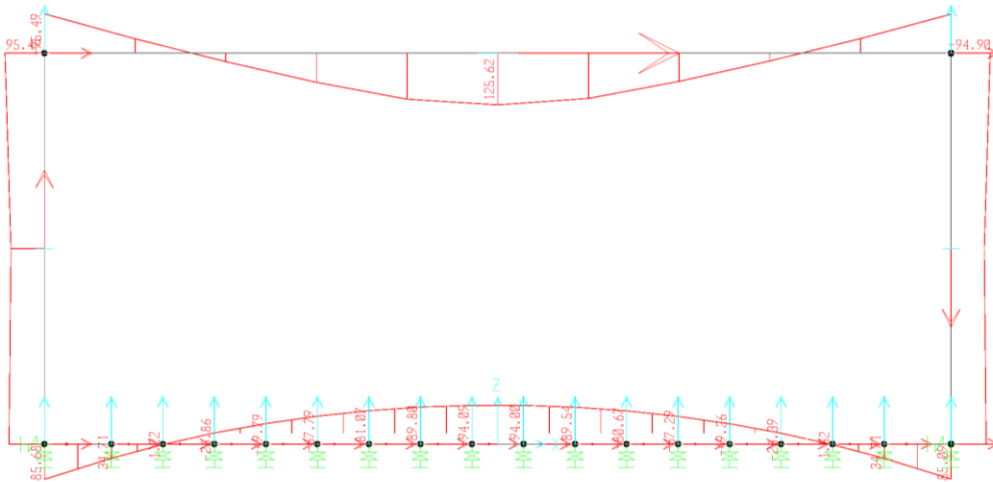
Scatolare 400x150 s=25 cm: comb.6 diagramma M



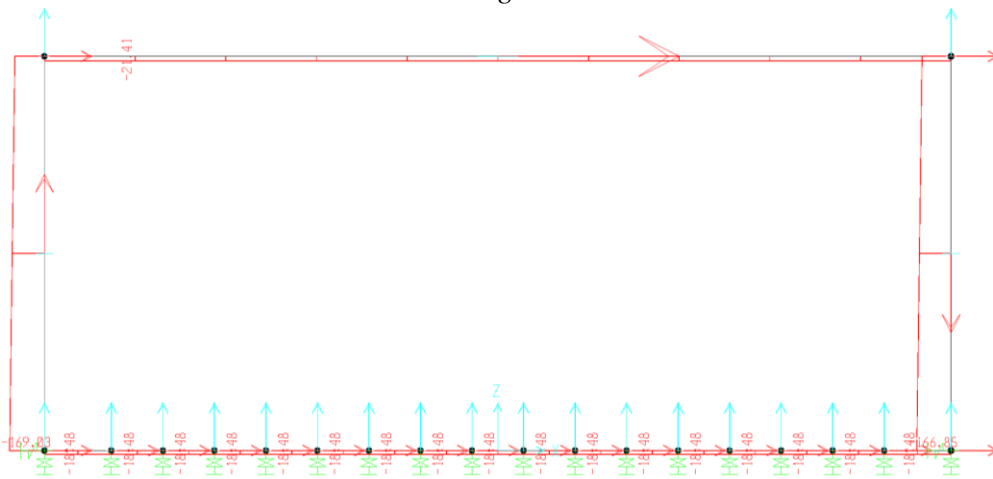
Scatolare 400x150 s=25 cm: comb.6 diagramma N



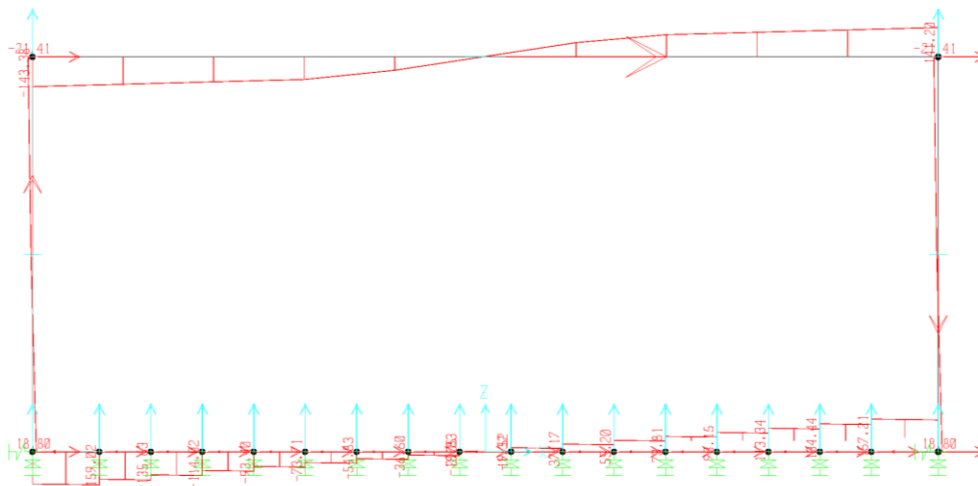
Scatolare 400x150 s=25 cm: comb.6 diagramma T



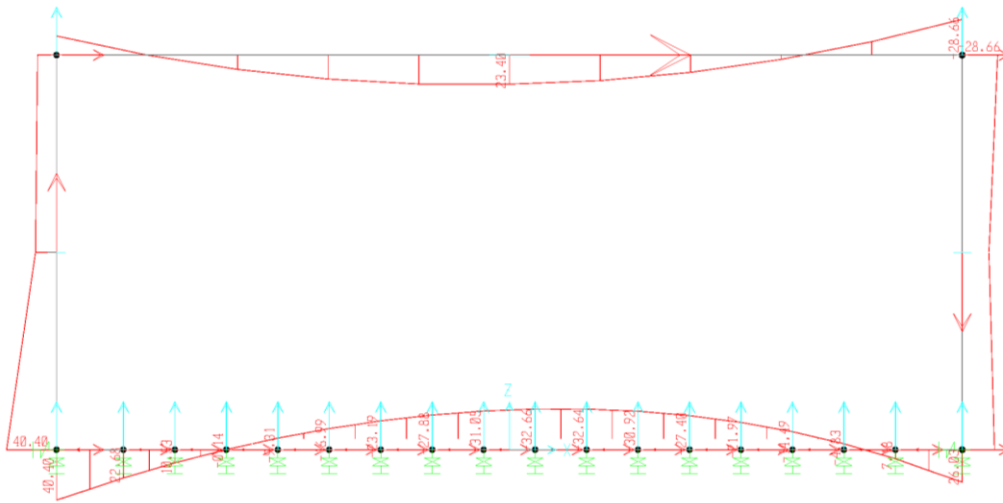
Scatolare 400x150 s=40 cm: comb.1 diagramma Momenti



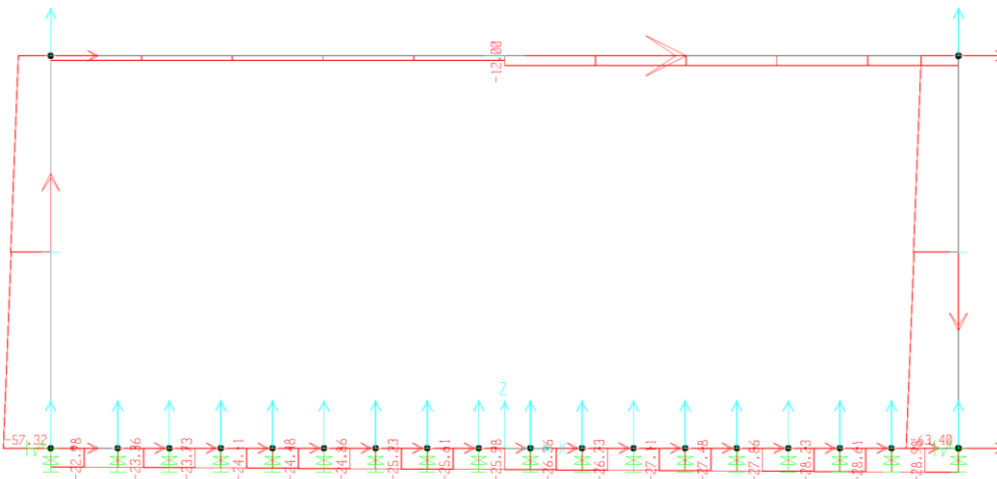
Scatolare 400x150 s=40 cm: comb.1 diagramma N



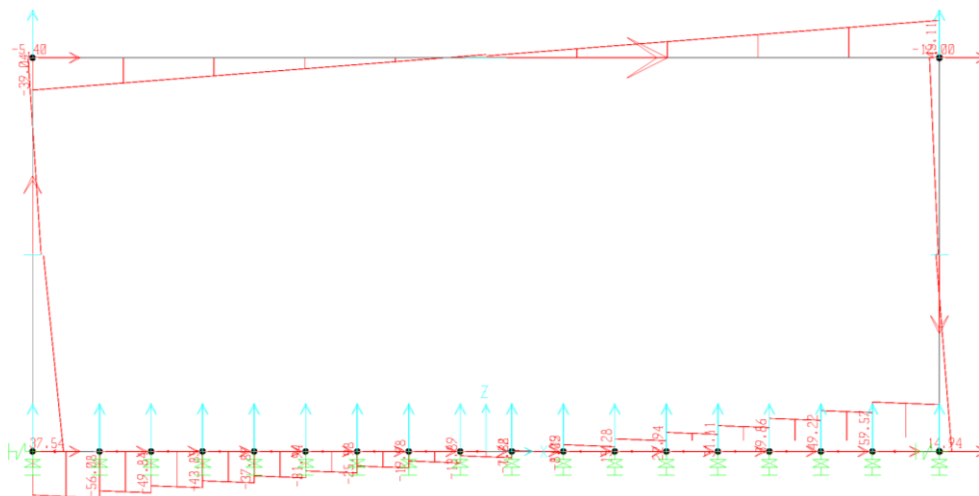
Scatolare 400x150 s=40 cm: comb.1 diagramma T



Scatolare 400x150 s=40 cm: comb.6 diagramma Momenti



Scatolare 400x150 s=40 cm: comb.6 diagramma N



Scatolare 400x150 s=40 cm: comb.6 diagramma T



## VERIFICHE SLU A FLESSIONE

Scatolare 400x150x25 cm sezione soletta superiore

**Titolo :** Soletta Superiore, dominio M-N

**N° strati barre** 2 **Zoom**

N°	b [cm]	h [cm]
1	100	25

N°	As [cm²]	d [cm]
1	25.45	4
2	25.45	21

**Tipo Sezione**  
 Rettan.re  Trapezi  
 a T  Circolare  
 Rettangoli  Coord.

**Sollecitazioni**  
S.L.U. **Metodo n**

**N<sub>Sd</sub>** 29.7 **0** kN  
**M<sub>xSd</sub>** 147.89 **0** kNm  
**M<sub>ySd</sub>** 0 **0**

**P.to applicazione N**  
 Centro  Baricentro cls  
 Coord.[cm] xN 0 yN 0

**Tipo rottura**  
Lato acciaio - Acciaio snervato

**Metodo di calcolo**  
 S.L.U.+  S.L.U.-  
 Metodo n

**Tipo flessione**  
 Retta  Deviata

**N° rett.** 100

**Calcola MRd** **Dominio M-N**

**L<sub>0</sub>** 0 **Col. modello**

Precompresso

**Materiali**

FeB44k	C30/37
$\epsilon_{su}$ 10 ‰	$\epsilon_{cu}$ 3.5 ‰
$f_{yd}$ 373.9 N/mm²	$f_{cd}$ 18.75
$E_s$ 200 000 N/mm²	$\alpha$ 0.85
$E_s/E_c$ 15	$f_{cc}/f_{cd}$ 0.8
$\epsilon_{syd}$ 1.870 ‰	$\sigma_{c,adm}$ 11.5
$\sigma_{s,adm}$ 255 N/mm²	$\tau_{cc}$ 0.6933
	$\tau_{c1}$ 2.029

**M<sub>xRd</sub>** 176.6 kN m

$\sigma_c$  -15.94 N/mm²  
 $\sigma_s$  373.9 N/mm²  
 $\epsilon_c$  3.183 ‰  
 $\epsilon_s$  10.00 ‰  
d 21.00 cm  
x 5.071 x/d 0.2415  
 $\delta$  0.7418

**Soletta Superiore, dominio M-N**

**N<sub>Sd</sub>** 29.7 kN **M<sub>Sd</sub>** 147.89 kNm

**Valori** **Infittisci punti**





*Scolare 400x150x25 cm sezione soletta inferiore*

**Titolo:** Soletta Inferiore, dominio M-N

N° strati barre:  Zoom

N°	b [cm]	h [cm]
1	100	25

N°	As [cm²]	d [cm]
1	20.11	4
2	20.11	21

**Tipo Sezione**  
 Rettan.re  Trapezi  
 a T  Circolare  
 Rettangoli  Coord.

**Sollecitazioni**  
 S.L.U.  Metodo n   
 N<sub>Sd</sub>  kN  
 M<sub>xSd</sub>  kNm  
 M<sub>ySd</sub>  kNm

**P.to applicazione N**  
 Centro  Baricentro cls  
 Coord.[cm] xN  yN

**Tipo rottura**  
 Lato acciaio - Acciaio snervato

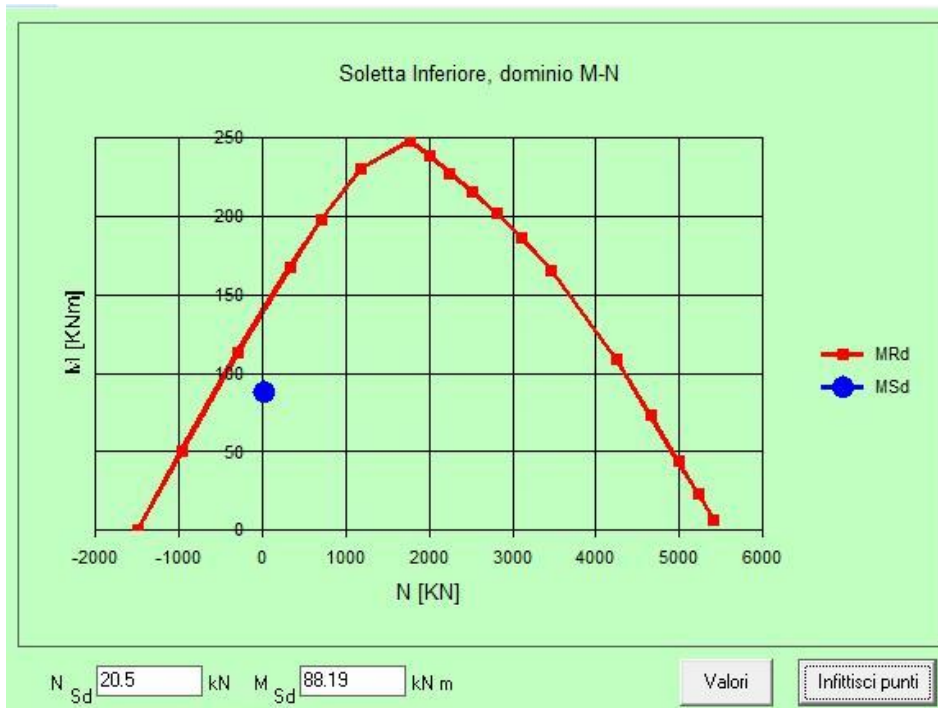
**Metodo di calcolo**  
 S.L.U. +  S.L.U. -  
 Metodo n

**Tipo flessione**  
 Retta  Deviata

**Materiali**  
**FeB44k** **C30/37**  
 E<sub>su</sub>  ‰ E<sub>cu</sub>   
 f<sub>yd</sub>  N/mm² f<sub>cd</sub>   
 E<sub>s</sub>  N/mm² α<sub>s</sub>  ?  
 E<sub>s</sub>/E<sub>c</sub>  f<sub>cc</sub>/f<sub>cd</sub>  ?  
 E<sub>syd</sub>  ‰ σ<sub>c,adm</sub>   
 σ<sub>s,adm</sub>  N/mm² τ<sub>co</sub>   
 τ<sub>c1</sub>

M<sub>xRd</sub>  kN m  
 σ<sub>c</sub>  N/mm²  
 σ<sub>s</sub>  N/mm²  
 ε<sub>c</sub>  ‰  
 ε<sub>s</sub>  ‰  
 d  cm  
 x  x/d   
 δ

N° rett.   
 Calcola MRd  Dominio M-N   
 L<sub>0</sub>  cm Col. modello   
 Precompresso





*Scolare 400x150x25 cm sezione piedritto*

**Titolo:** Piedritto, dominio M-N

**N° strati barre:**  **Zoom**

N°	b [cm]	h [cm]
1	100	25

N°	As [cm²]	d [cm]
1	20.11	4
2	20.11	21

**Tipo Sezione**  
 Rettan.re  Trapezi  
 a T  Circolare  
 Rettangoli  Coord.

**Sollecitazioni**  
 S.L.U.  Metodo n

**N**   kN  
**M<sub>xSd</sub>**   kNm  
**M<sub>ySd</sub>**

**P.to applicazione N**  
 Centro  Baricentro cls  
 Coord.[cm] xN  yN

**Tipo rottura**  
 Lato acciaio - Acciaio snervato

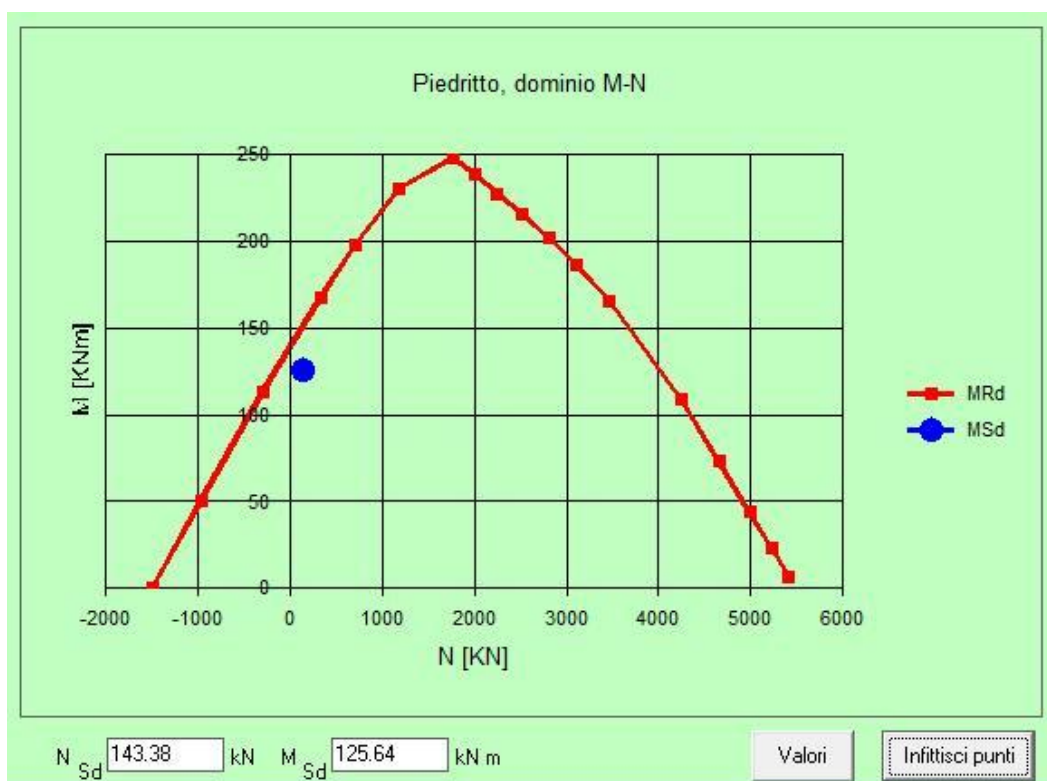
**Metodo di calcolo**  
 S.L.U.+  S.L.U.-  
 Metodo n

**Tipo flessione**  
 Retta  Deviata

**Materiali**  
**FeB44k** **C30/37**  
 $\epsilon_{su}$   ‰  $\epsilon_{cu}$   ‰  
 $f_{yd}$   N/mm²  $f_{cd}$   ‰  
 $E_s$   N/mm²  $\alpha$   ?  
 $E_s/E_c$    $f_{cc}/f_{cd}$   ?  
 $\epsilon_{syd}$   ‰  $\sigma_{c,adm}$    
 $\sigma_{s,adm}$   N/mm²  $\tau_{co}$    
 $\tau_{cl}$

**M<sub>xRd</sub>**  kN m  
 $\sigma_c$   N/mm²  
 $\sigma_s$   N/mm²  
 $\epsilon_c$   ‰  
 $\epsilon_s$   ‰  
 d  cm  
 x  x/d   
 $\delta$

**N° rett.**   
**Calcola MRd** **Dominio M-N**  
 L<sub>0</sub>  cm **Col. modello**  
 Precompresso







Scalolare 400x150x40 cm sezione piedritto

**Titolo :** Piedritto, dominio M-N

**N° strati barre** 2 **Zoom**

N°	b [cm]	h [cm]
1	100	40

N°	As [cm²]	d [cm]
1	11.31	4
2	11.31	36

**Tipo Sezione**  
 Rettan.re  Trapezi  
 a T  Circolare  
 Rettangoli  Coord.

**Sollecitazioni**  
S.L.U. **Metodo n**

**N**  **0** kN  
**M**  **0** kNm  
**M**  **0**

**P.to applicazione N**  
 Centro  Baricentro cls  
 Coord.[cm] xN   
yN

**Tipo rottura**  
Lato acciaio - Acciaio snervato

**Metodo di calcolo**  
 S.L.U. +  S.L.U. -  
 Metodo n

**Tipo flessione**  
 Retta  Deviata

**Materiali**  
**FeB44k** **C30/37**  
 $\epsilon_{su}$   %  $\epsilon_{cu}$   %  
 $f_{yd}$   N/mm<sup>2</sup>  $f_{cd}$   N/mm<sup>2</sup>  
 $E_s$   N/mm<sup>2</sup>  $\alpha$   ?  
 $E_s/E_c$    $f_{cc}/f_{cd}$   ?  
 $\epsilon_{syd}$   %  $\sigma_{c,adm}$   N/mm<sup>2</sup>  
 $\sigma_{s,adm}$   N/mm<sup>2</sup>  $\tau_{co}$    $\tau_{cl}$

**M**  kN m  
 $\sigma_c$   N/mm<sup>2</sup>  
 $\sigma_s$   N/mm<sup>2</sup>  
 $\epsilon_c$   %  
 $\epsilon_s$   %  
d  cm  
x  x/d   
 $\delta$

**N° rett.**   
**Calcola MRd** **Dominio M-N**  
**L<sub>0</sub>**  cm **Col. modello**  
 Precompresso

**Piedritto, dominio M-N**

**N**  kN **M**  kN m **Valori** **Infittisci punti**





Scalare 400x150x40 cm sezione soletta inferiore

**Titolo:** Soletta inf. Dominio M-N

N° strati barre:  Zoom

N°	b [cm]	h [cm]	N°	As [cm²]	d [cm]
1	100	40	1	15.39	4
			2	15.39	36

**Tipologia Sezione:**  
 Rettan.re  Trapezi  
 a T  Circolare  
 Rettangoli  Coord.

**Diagramma:**

**Sollecitazioni:**  
 S.L.U.  Metodo n

**P.to applicazione N:**  
 Centro  Baricentro cls  
 Coord.[cm] xN  yN

**Tipologia rottura:**  
 Lato acciaio - Acciaio snervato

**Metodo di calcolo:**  
 S.L.U.+  S.L.U.-  
 Metodo n

**Tipologia flessione:**  
 Retta  Deviata

**Materiali:**

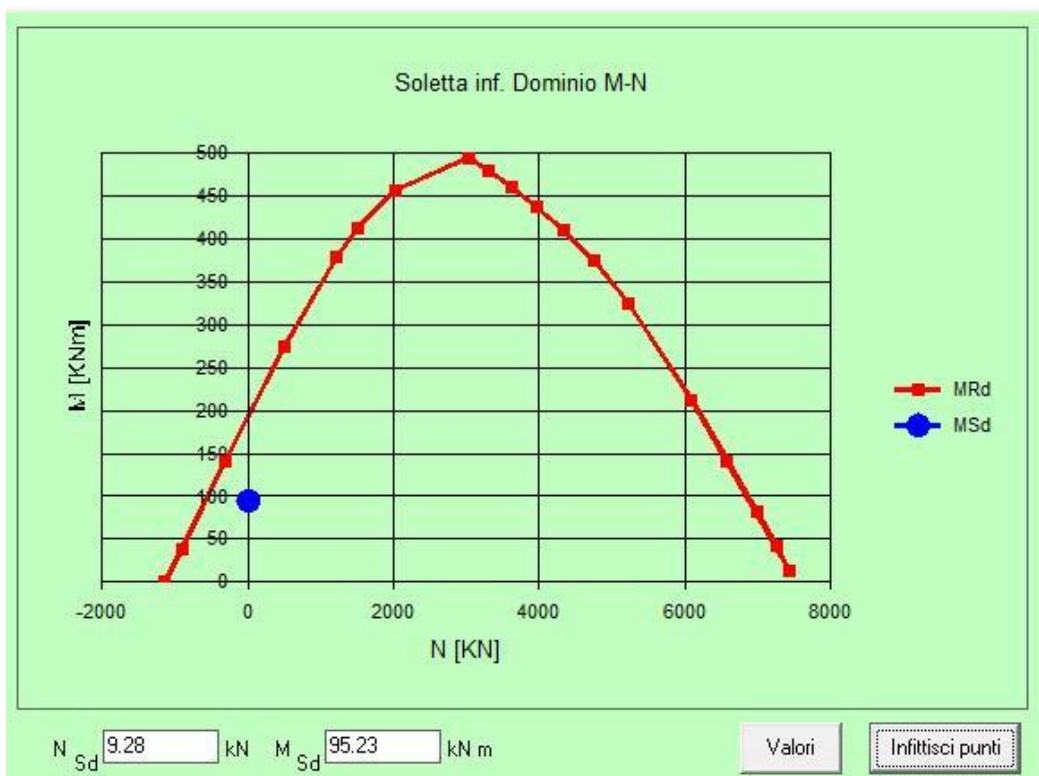
FeB44k		C30/37	
$\epsilon_{su}$	10 %	$\epsilon_{cu}$	3.5
$f_{yd}$	373.9 N/mm²	$f_{cd}$	18.75
$E_s$	200 000 N/mm²	$\alpha$	0.85
$E_s/E_c$	15	$f_{cc}/f_{cd}$	0.8
$\epsilon_{syd}$	1.870 %	$\sigma_{c,adm}$	11.5
$\sigma_{s,adm}$	255 N/mm²	$\tau_{co}$	0.6933
		$\tau_{c1}$	2.029

**M<sub>xRd</sub>**  kN m

$\sigma_c$   N/mm²  
 $\sigma_s$   N/mm²  
 $\epsilon_c$   %  
 $\epsilon_s$   %  
 d  cm  
 x  x/d   
 $\delta$

**Calcoli:**  
 N° rett.   
 Calcola MRd  Dominio M-N   
 L<sub>o</sub>  cm Col. modello

Precompresso





## APPENDICE TABULATI DI CALCOLO

### SCATOLARE 400X150 S=25 cm ESTRATTO TABULATI DI CALCOLO

Table: Base Reactions, Part 1 of 3

Table: Base Reactions, Part 1 of 3

OutputCase	CaseType	GlobalFX KN	GlobalFY KN	GlobalFZ KN	GlobalMX KN-m	GlobalMY KN-m	GlobalMZ KN-m	GlobalX m
COMB1	Combination	-72.812	0.000	450.048	0.0000	-63.7107	0.0000	0.00000
COMB2	Combination	-4.731E-13	0.000	545.673	0.0000	-2.003E-11	0.0000	0.00000
COMB3	Combination	-3.245E-13	0.000	490.677	0.0000	-1.776E-11	0.0000	0.00000
COMB4	Combination	-72.812	0.000	180.045	0.0000	-63.7107	0.0000	0.00000
COMB5	Combination	-72.812	0.000	193.050	0.0000	-63.7107	0.0000	0.00000
COMB6	Combination	-19.971	0.000	101.940	0.0000	-17.4759	0.0000	0.00000
COMB7	Combination	-19.971	0.000	1101.065	0.0000	-17.4759	0.0000	0.00000
COMB8	Combination	-19.971	0.000	1139.315	0.0000	-17.4759	0.0000	0.00000
COMB9	Combination	-53.935	0.000	367.647	0.0000	-47.1931	0.0000	0.00000
COMB10	Combination	-53.935	0.000	320.739	0.0000	-47.1931	0.0000	0.00000
COMB11	Combination	-3.352E-13	0.000	406.752	0.0000	-1.506E-11	0.0000	0.00000
COMB12	Combination	-53.935	0.000	133.437	0.0000	-47.1931	0.0000	0.00000
COMB13	Combination	3.694E-13	0.000	104.750	0.0000	-3.662E-12	0.0000	0.00000

Table: Base Reactions, Part 2 of 3

Table: Base Reactions, Part 2 of 3

OutputCase	GlobalY m	GlobalZ m	XCentroidFX m	YCentroidFX m	ZCentroidFX m	XCentroidFY m	YCentroidFY m	ZCentroidFY m
COMB1	0.00000	0.00000	-9.161E+13	0.00000	0.00000	0.00000	0.00000	0.00000
COMB2	0.00000	0.00000	-1.459E+14	0.00000	0.00000	0.00000	0.00000	0.00000
COMB3	0.00000	0.00000	-1.453E+14	0.00000	0.00000	0.00000	0.00000	0.00000
COMB4	0.00000	0.00000	-9.235E+13	0.00000	0.00000	0.00000	0.00000	0.00000
COMB5	0.00000	0.00000	-9.137E+13	0.00000	0.00000	0.00000	0.00000	0.00000
COMB6	0.00000	0.00000	-7.929E+13	0.00000	0.00000	0.00000	0.00000	0.00000
COMB7	0.00000	0.00000	-6.602E+13	0.00000	0.00000	0.00000	0.00000	0.00000
COMB8	0.00000	0.00000	-8.274E+13	0.00000	0.00000	0.00000	0.00000	0.00000
COMB9	0.00000	0.00000	-9.822E+13	0.00000	0.00000	0.00000	0.00000	0.00000
COMB10	0.00000	0.00000	-9.770E+13	0.00000	0.00000	0.00000	0.00000	0.00000
COMB11	0.00000	0.00000	-1.102E+14	0.00000	0.00000	0.00000	0.00000	0.00000
COMB12	0.00000	0.00000	-6.844E+13	0.00000	0.00000	0.00000	0.00000	0.00000
COMB13	0.00000	0.00000	-5.590E+13	0.00000	0.00000	0.00000	0.00000	0.00000

Table: Base Reactions, Part 3 of 3

Table: Base Reactions, Part 3 of 3

OutputCase	XCentroidFZ m	YCentroidFZ m	ZCentroidFZ m
COMB1	6.780E+13	0.00000	0.00000
COMB2	-4.17617	0.00000	0.00000
COMB3	-4.17617	0.00000	0.00000
COMB4	6.780E+13	0.00000	0.00000
COMB5	6.780E+13	0.00000	0.00000
COMB6	1.021E+14	0.00000	0.00000
COMB7	1.021E+14	0.00000	0.00000
COMB8	1.021E+14	0.00000	0.00000
COMB9	5.022E+13	0.00000	0.00000

**Table: Base Reactions, Part 3 of 3**

OutputCase	XCentroidFZ	YCentroidFZ	ZCentroidFZ
	m	m	m
COMB10	5.022E+13	0.00000	0.00000
COMB11	-3.09346	0.00000	0.00000
COMB12	5.022E+13	0.00000	0.00000
COMB13	-3.09346	0.00000	0.00000

**Table: Case - Static 1 - Load Assignments**

**Table: Case - Static 1 - Load Assignments**

Case	LoadType	LoadName	LoadSF
DEAD	Load pattern	DEAD	1.000000
Ricoprimento	Load pattern	Ricoprimento	1.000000
Spinta Terre	Load pattern	Spinta Terre	1.000000
Incr Spinta Terre	Load pattern	Incr Spinta Terre	1.000000
Acqua interna	Load pattern	Acqua interna	1.000000
Carico Mobile Q1	Load pattern	Carico Mobile Q1	1.000000
Carico Mobile q1k	Load pattern	Carico Mobile q1k	1.000000
Sisma Dir X	Load pattern	Sisma Dir X	1.000000
Sisma Dir V+Z	Load pattern	Sisma Dir V+Z	1.000000
Sisma Dir V-Z	Load pattern	Sisma Dir V-Z	1.000000
IncrSisma su terre dir X	Load pattern	IncrSisma su terre dir X	1.000000

**Table: Combination Definitions, Part 1 of 3**

**Table: Combination Definitions, Part 1 of 3**

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
COMB1			Linear Static	DEAD	1.350000	
COMB1			Linear Static	Ricoprimento	1.350000	
COMB1			Linear Static	Incr Spinta Terre	1.350000	
COMB1			Linear Static	Carico Mobile Q1	1.350000	
COMB1			Linear Static	Carico Mobile q1k	1.010000	
COMB2			Linear Static	DEAD	1.350000	
COMB2			Linear Static	Ricoprimento	1.350000	
COMB2			Linear Static	Acqua interna	1.500000	
COMB2			Linear Static	Carico Mobile Q1	1.350000	
COMB2			Linear Static	Carico Mobile q1k	1.010000	
COMB2			Linear Static	Spinta Terre	1.350000	
COMB3			Linear Static	DEAD	1.350000	
COMB3			Linear Static	Ricoprimento	1.350000	
COMB3			Linear Static	Acqua interna	1.500000	
COMB3			Linear Static	Carico Mobile Q1	1.010000	
COMB3			Linear Static	Carico Mobile q1k	1.350000	
COMB3			Linear Static	Spinta Terre	1.350000	
COMB4			Linear Static	DEAD	1.350000	
COMB4			Linear Static	Ricoprimento	1.350000	
COMB4			Linear Static	Spinta Terre	1.350000	
COMB4			Linear Static	Incr Spinta Terre	1.350000	
COMB4			Linear Static	Carico Mobile q1k	1.010000	
COMB5			Linear Static	DEAD	1.350000	
COMB5			Linear Static	Ricoprimento	1.350000	
COMB5			Linear Static	Spinta Terre	1.000000	
COMB5			Linear Static	Incr Spinta Terre	1.350000	
COMB5			Linear Static	Carico Mobile q1k	1.350000	
COMB6			Linear Static	DEAD	1.000000	
COMB6			Linear Static	Ricoprimento	1.000000	
COMB6			Linear Static	Spinta Terre	1.000000	
COMB6			Linear Static	Sisma Dir X	1.000000	

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
COMB6			Linear Static	Sisma Dir V+Z	0.500000	
COMB6			Linear Static	IncrSisma su terre dir X	1.000000	
COMB7			Linear Static	DEAD	1.000000	
COMB7			Linear Static	Ricoprimento	1.000000	
COMB7			Linear Static	Spinta Terre	1.000000	
COMB7			Linear Static	Sisma Dir X	1.000000	
COMB7			Linear Static	Sisma Dir V-Z	0.500000	
COMB7			Linear Static	IncrSisma su terre dir X	1.000000	
COMB8			Linear Static	DEAD	1.000000	
COMB8			Linear Static	Ricoprimento	1.000000	
COMB8			Linear Static	Spinta Terre	1.000000	
COMB8			Linear Static	Carico Mobile q1k	1.000000	
COMB8			Linear Static	Sisma Dir X	1.000000	
COMB8			Linear Static	Sisma Dir V-Z	0.500000	
COMB8			Linear Static	IncrSisma su terre dir X	1.000000	
COMB9			Linear Static	DEAD	1.000000	
COMB9			Linear Static	Ricoprimento	1.000000	
COMB9			Linear Static	Spinta Terre	1.350000	
COMB9			Linear Static	Incr Spinta Terre	1.000000	
COMB9			Linear Static	Carico Mobile Q1	1.150000	
COMB9			Linear Static	Carico Mobile q1k	0.860000	
COMB10			Linear Static	DEAD	1.000000	
COMB10			Linear Static	Ricoprimento	1.000000	
COMB10			Linear Static	Spinta Terre	1.350000	
COMB10			Linear Static	Incr Spinta Terre	1.000000	
COMB10			Linear Static	Carico Mobile Q1	0.860000	
COMB10			Linear Static	Carico Mobile q1k	1.150000	
COMB11			Linear Static	DEAD	1.000000	
COMB11			Linear Static	Ricoprimento	1.000000	
COMB11			Linear Static	Spinta Terre	1.000000	
COMB11			Linear Static	Acqua interna	1.000000	
COMB11			Linear Static	Carico Mobile Q1	1.000000	
COMB11			Linear Static	Carico Mobile q1k	1.000000	
COMB12			Linear Static	DEAD	1.000000	
COMB12			Linear Static	Ricoprimento	1.000000	
COMB12			Linear Static	Spinta Terre	1.000000	
COMB12			Linear Static	Incr Spinta Terre	1.000000	
COMB12			Linear Static	Carico Mobile q1k	0.750000	
COMB13			Linear Static	DEAD	1.000000	
COMB13			Linear Static	Ricoprimento	1.000000	
COMB13			Linear Static	Spinta Terre	1.000000	

Table: Combination Definitions, Part 2 of 3

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign	GUID
COMB1	DEAD				
COMB1	Ricoprimento				
COMB1	Incr Spinta Terre				
COMB1	Carico Mobile Q1				
COMB1	Carico Mobile q1k				
COMB2	DEAD				
COMB2	Ricoprimento				
COMB2	Acqua interna				
COMB2	Carico Mobile Q1				
COMB2	Carico Mobile q1k				



Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign	GUID
COMB2	Spinta Terre				
COMB3	DEAD				
COMB3	Ricoprimento				
COMB3	Acqua interna				
COMB3	Carico Mobile Q1				
COMB3	Carico Mobile q1k				
COMB3	Spinta Terre				
COMB4	DEAD				
COMB4	Ricoprimento				
COMB4	Spinta Terre				
COMB4	Incr Spinta Terre				
COMB4	Carico Mobile q1k				
COMB5	DEAD				
COMB5	Ricoprimento				
COMB5	Spinta Terre				
COMB5	Incr Spinta Terre				
COMB5	Carico Mobile q1k				
COMB6	DEAD				
COMB6	Ricoprimento				
COMB6	Spinta Terre				
COMB6	Sisma Dir X				
COMB6	Sisma Dir V+Z				
COMB6	IncrSisma su terre dir X				
COMB7	DEAD				
COMB7	Ricoprimento				
COMB7	Spinta Terre				
COMB7	Sisma Dir X				
COMB7	Sisma Dir V-Z				
COMB7	IncrSisma su terre dir X				
COMB8	DEAD				
COMB8	Ricoprimento				
COMB8	Spinta Terre				
COMB8	Carico Mobile q1k				
COMB8	Sisma Dir X				
COMB8	Sisma Dir V-Z				
COMB8	IncrSisma su terre dir X				
COMB9	DEAD				
COMB9	Ricoprimento				
COMB9	Spinta Terre				
COMB9	Incr Spinta Terre				
COMB9	Carico Mobile Q1				
COMB9	Carico Mobile q1k				
COMB10	DEAD				
COMB10	Ricoprimento				
COMB10	Spinta Terre				
COMB10	Incr Spinta Terre				
COMB10	Carico Mobile Q1				
COMB10	Carico Mobile q1k				
COMB11	DEAD				
COMB11	Ricoprimento				
COMB11	Spinta Terre				
COMB11	Acqua interna				
COMB11	Carico Mobile Q1				
COMB11	Carico Mobile q1k				
COMB12	DEAD				
COMB12	Ricoprimento				
COMB12	Spinta Terre				

**Table: Combination Definitions, Part 2 of 3**

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign	GUID
COMB12	Incr Spinta Terre				
COMB12	Carico Mobile q1k				
COMB13	DEAD				
COMB13	Ricoprimento				
COMB13	Spinta Terre				

**Table: Coordinate Systems**

**Table: Coordinate Systems**

Name	Type	X	Y	Z	AboutZ	AboutY	AboutX
		m	m	m	Degrees	Degrees	Degrees
GLOBAL	Cartesian	0.00000	0.00000	0.00000	0.000	0.000	0.000

**Table: Element Forces - Frames, Part 1 of 2**

**Table: Element Forces - Frames, Part 1 of 2**

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
1	0.00000	COMB1	Combination	-200.369	30.747	0.000	0.0000	0.0000
1	0.87500	COMB1	Combination	-192.986	-5.660	0.000	0.0000	0.0000
1	0.87500	COMB1	Combination	-192.986	-5.660	0.000	0.0000	0.0000
1	1.75000	COMB1	Combination	-185.604	-42.066	0.000	0.0000	0.0000
1	0.00000	COMB2	Combination	-207.094	-18.527	0.000	0.0000	0.0000
1	0.87500	COMB2	Combination	-199.711	-24.106	0.000	0.0000	0.0000
1	0.87500	COMB2	Combination	-199.711	-24.106	0.000	0.0000	0.0000
1	1.75000	COMB2	Combination	-192.329	-29.706	0.000	0.0000	0.0000
1	0.00000	COMB3	Combination	-179.596	-12.433	0.000	0.0000	0.0000
1	0.87500	COMB3	Combination	-172.214	-18.012	0.000	0.0000	0.0000
1	0.87500	COMB3	Combination	-172.214	-18.012	0.000	0.0000	0.0000
1	1.75000	COMB3	Combination	-164.831	-23.612	0.000	0.0000	0.0000
1	0.00000	COMB4	Combination	-65.368	75.431	0.000	0.0000	0.0000
1	0.87500	COMB4	Combination	-57.985	18.681	0.000	0.0000	0.0000
1	0.87500	COMB4	Combination	-57.985	18.681	0.000	0.0000	0.0000
1	1.75000	COMB4	Combination	-50.602	-28.247	0.000	0.0000	0.0000
1	0.00000	COMB5	Combination	-71.870	70.131	0.000	0.0000	0.0000
1	0.87500	COMB5	Combination	-64.487	18.655	0.000	0.0000	0.0000
1	0.87500	COMB5	Combination	-64.487	18.655	0.000	0.0000	0.0000
1	1.75000	COMB5	Combination	-57.105	-25.545	0.000	0.0000	0.0000
1	0.00000	COMB6	Combination	-36.221	26.099	0.000	0.0000	0.0000
1	0.87500	COMB6	Combination	-30.753	6.663	0.000	0.0000	0.0000
1	0.87500	COMB6	Combination	-31.163	5.023	0.000	0.0000	0.0000
1	1.75000	COMB6	Combination	-25.694	-7.137	0.000	0.0000	0.0000
1	0.00000	COMB7	Combination	-38.036	29.184	0.000	0.0000	0.0000
1	0.87500	COMB7	Combination	-32.568	9.748	0.000	0.0000	0.0000
1	0.87500	COMB7	Combination	-32.158	8.108	0.000	0.0000	0.0000
1	1.75000	COMB7	Combination	-26.689	-4.053	0.000	0.0000	0.0000
1	0.00000	COMB8	Combination	-57.161	28.062	0.000	0.0000	0.0000
1	0.87500	COMB8	Combination	-51.693	8.626	0.000	0.0000	0.0000
1	0.87500	COMB8	Combination	-51.283	6.986	0.000	0.0000	0.0000
1	1.75000	COMB8	Combination	-45.814	-5.175	0.000	0.0000	0.0000
1	0.00000	COMB9	Combination	-165.561	38.766	0.000	0.0000	0.0000
1	0.87500	COMB9	Combination	-160.092	-8.546	0.000	0.0000	0.0000
1	0.87500	COMB9	Combination	-160.092	-8.546	0.000	0.0000	0.0000
1	1.75000	COMB9	Combination	-154.623	-46.035	0.000	0.0000	0.0000
1	0.00000	COMB10	Combination	-142.107	43.963	0.000	0.0000	0.0000
1	0.87500	COMB10	Combination	-136.638	-3.348	0.000	0.0000	0.0000
1	0.87500	COMB10	Combination	-136.638	-3.348	0.000	0.0000	0.0000
1	1.75000	COMB10	Combination	-131.169	-40.838	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
1	0.0000	COMB11	Combination	-158.220	-13.044	0.000	0.0000	0.0000
1	0.87500	COMB11	Combination	-152.751	-18.270	0.000	0.0000	0.0000
1	0.87500	COMB11	Combination	-152.751	-18.270	0.000	0.0000	0.0000
1	1.75000	COMB11	Combination	-147.282	-22.783	0.000	0.0000	0.0000
1	0.00000	COMB12	Combination	-48.456	55.873	0.000	0.0000	0.0000
1	0.87500	COMB12	Combination	-42.987	13.836	0.000	0.0000	0.0000
1	0.87500	COMB12	Combination	-42.987	13.836	0.000	0.0000	0.0000
1	1.75000	COMB12	Combination	-37.519	-20.926	0.000	0.0000	0.0000
1	0.00000	COMB13	Combination	-39.094	15.788	0.000	0.0000	0.0000
1	0.87500	COMB13	Combination	-33.625	0.718	0.000	0.0000	0.0000
1	0.87500	COMB13	Combination	-33.625	0.718	0.000	0.0000	0.0000
1	1.75000	COMB13	Combination	-28.156	-7.076	0.000	0.0000	0.0000
2	0.00000	COMB1	Combination	-42.066	-185.604	0.000	0.0000	0.0000
2	0.42500	COMB1	Combination	-42.066	-174.138	0.000	0.0000	0.0000
2	0.85000	COMB1	Combination	-42.066	-162.673	0.000	0.0000	0.0000
2	1.27500	COMB1	Combination	-42.066	-120.525	0.000	0.0000	0.0000
2	1.70000	COMB1	Combination	-42.066	-56.900	0.000	0.0000	0.0000
2	2.12500	COMB1	Combination	-42.066	6.725	0.000	0.0000	0.0000
2	2.12500	COMB1	Combination	-42.066	6.725	0.000	0.0000	0.0000
2	2.55000	COMB1	Combination	-42.066	70.350	0.000	0.0000	0.0000
2	2.97500	COMB1	Combination	-42.066	133.975	0.000	0.0000	0.0000
2	3.40000	COMB1	Combination	-42.066	176.123	0.000	0.0000	0.0000
2	3.82500	COMB1	Combination	-42.066	187.588	0.000	0.0000	0.0000
2	4.25000	COMB1	Combination	-42.066	199.054	0.000	0.0000	0.0000
2	0.00000	COMB2	Combination	-29.706	-192.329	0.000	0.0000	0.0000
2	0.42500	COMB2	Combination	-29.706	-180.863	0.000	0.0000	0.0000
2	0.85000	COMB2	Combination	-29.706	-169.398	0.000	0.0000	0.0000
2	1.27500	COMB2	Combination	-29.706	-127.250	0.000	0.0000	0.0000
2	1.70000	COMB2	Combination	-29.706	-63.625	0.000	0.0000	0.0000
2	2.12500	COMB2	Combination	-29.706	1.231E-13	0.000	0.0000	0.0000
2	2.12500	COMB2	Combination	-29.706	1.231E-13	0.000	0.0000	0.0000
2	2.55000	COMB2	Combination	-29.706	63.625	0.000	0.0000	0.0000
2	2.97500	COMB2	Combination	-29.706	127.250	0.000	0.0000	0.0000
2	3.40000	COMB2	Combination	-29.706	169.398	0.000	0.0000	0.0000
2	3.82500	COMB2	Combination	-29.706	180.863	0.000	0.0000	0.0000
2	4.25000	COMB2	Combination	-29.706	192.329	0.000	0.0000	0.0000
2	0.00000	COMB3	Combination	-23.612	-164.831	0.000	0.0000	0.0000
2	0.42500	COMB3	Combination	-23.612	-152.065	0.000	0.0000	0.0000
2	0.85000	COMB3	Combination	-23.612	-139.299	0.000	0.0000	0.0000
2	1.27500	COMB3	Combination	-23.612	-103.578	0.000	0.0000	0.0000
2	1.70000	COMB3	Combination	-23.612	-51.789	0.000	0.0000	0.0000
2	2.12500	COMB3	Combination	-23.612	1.077E-13	0.000	0.0000	0.0000
2	2.12500	COMB3	Combination	-23.612	1.077E-13	0.000	0.0000	0.0000
2	2.55000	COMB3	Combination	-23.612	51.789	0.000	0.0000	0.0000
2	2.97500	COMB3	Combination	-23.612	103.578	0.000	0.0000	0.0000
2	3.40000	COMB3	Combination	-23.612	139.299	0.000	0.0000	0.0000
2	3.82500	COMB3	Combination	-23.612	152.065	0.000	0.0000	0.0000
2	4.25000	COMB3	Combination	-23.612	164.831	0.000	0.0000	0.0000
2	0.00000	COMB4	Combination	-28.247	-50.602	0.000	0.0000	0.0000
2	0.42500	COMB4	Combination	-28.247	-39.137	0.000	0.0000	0.0000
2	0.85000	COMB4	Combination	-28.247	-27.671	0.000	0.0000	0.0000
2	1.27500	COMB4	Combination	-28.247	-16.206	0.000	0.0000	0.0000
2	1.70000	COMB4	Combination	-28.247	-4.740	0.000	0.0000	0.0000
2	2.12500	COMB4	Combination	-28.247	6.725	0.000	0.0000	0.0000
2	2.12500	COMB4	Combination	-28.247	6.725	0.000	0.0000	0.0000
2	2.55000	COMB4	Combination	-28.247	18.190	0.000	0.0000	0.0000
2	2.97500	COMB4	Combination	-28.247	29.656	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
2	3.40000	COMB4	Combination	-28.247	41.121	0.000	0.0000	0.0000
2	3.82500	COMB4	Combination	-28.247	52.587	0.000	0.0000	0.0000
2	4.25000	COMB4	Combination	-28.247	64.052	0.000	0.0000	0.0000
2	0.00000	COMB5	Combination	-25.545	-57.105	0.000	0.0000	0.0000
2	0.42500	COMB5	Combination	-25.545	-44.339	0.000	0.0000	0.0000
2	0.85000	COMB5	Combination	-25.545	-31.573	0.000	0.0000	0.0000
2	1.27500	COMB5	Combination	-25.545	-18.807	0.000	0.0000	0.0000
2	1.70000	COMB5	Combination	-25.545	-6.041	0.000	0.0000	0.0000
2	2.12500	COMB5	Combination	-25.545	6.725	0.000	0.0000	0.0000
2	2.12500	COMB5	Combination	-25.545	6.725	0.000	0.0000	0.0000
2	2.55000	COMB5	Combination	-25.545	19.491	0.000	0.0000	0.0000
2	2.97500	COMB5	Combination	-25.545	32.257	0.000	0.0000	0.0000
2	3.40000	COMB5	Combination	-25.545	45.023	0.000	0.0000	0.0000
2	3.82500	COMB5	Combination	-25.545	57.789	0.000	0.0000	0.0000
2	4.25000	COMB5	Combination	-25.545	70.555	0.000	0.0000	0.0000
2	0.00000	COMB6	Combination	-7.137	-25.694	0.000	0.0000	0.0000
2	0.42500	COMB6	Combination	-7.137	-20.063	0.000	0.0000	0.0000
2	0.85000	COMB6	Combination	-7.137	-14.431	0.000	0.0000	0.0000
2	1.27500	COMB6	Combination	-7.137	-8.800	0.000	0.0000	0.0000
2	1.70000	COMB6	Combination	-7.137	-3.169	0.000	0.0000	0.0000
2	2.12500	COMB6	Combination	-7.137	2.462	0.000	0.0000	0.0000
2	2.12500	COMB6	Combination	-11.117	1.467	0.000	0.0000	0.0000
2	2.55000	COMB6	Combination	-11.117	7.099	0.000	0.0000	0.0000
2	2.97500	COMB6	Combination	-11.117	12.730	0.000	0.0000	0.0000
2	3.40000	COMB6	Combination	-11.117	18.361	0.000	0.0000	0.0000
2	3.82500	COMB6	Combination	-11.117	23.992	0.000	0.0000	0.0000
2	4.25000	COMB6	Combination	-11.117	29.624	0.000	0.0000	0.0000
2	0.00000	COMB7	Combination	-4.053	-26.689	0.000	0.0000	0.0000
2	0.42500	COMB7	Combination	-4.053	-21.058	0.000	0.0000	0.0000
2	0.85000	COMB7	Combination	-4.053	-15.426	0.000	0.0000	0.0000
2	1.27500	COMB7	Combination	-4.053	-9.795	0.000	0.0000	0.0000
2	1.70000	COMB7	Combination	-4.053	-4.164	0.000	0.0000	0.0000
2	2.12500	COMB7	Combination	-4.053	1.467	0.000	0.0000	0.0000
2	2.12500	COMB7	Combination	-8.033	2.462	0.000	0.0000	0.0000
2	2.55000	COMB7	Combination	-8.033	8.094	0.000	0.0000	0.0000
2	2.97500	COMB7	Combination	-8.033	13.725	0.000	0.0000	0.0000
2	3.40000	COMB7	Combination	-8.033	19.356	0.000	0.0000	0.0000
2	3.82500	COMB7	Combination	-8.033	24.987	0.000	0.0000	0.0000
2	4.25000	COMB7	Combination	-8.033	30.619	0.000	0.0000	0.0000
2	0.00000	COMB8	Combination	-5.175	-45.814	0.000	0.0000	0.0000
2	0.42500	COMB8	Combination	-5.175	-36.358	0.000	0.0000	0.0000
2	0.85000	COMB8	Combination	-5.175	-26.901	0.000	0.0000	0.0000
2	1.27500	COMB8	Combination	-5.175	-17.445	0.000	0.0000	0.0000
2	1.70000	COMB8	Combination	-5.175	-7.989	0.000	0.0000	0.0000
2	2.12500	COMB8	Combination	-5.175	1.467	0.000	0.0000	0.0000
2	2.12500	COMB8	Combination	-9.155	2.462	0.000	0.0000	0.0000
2	2.55000	COMB8	Combination	-9.155	11.919	0.000	0.0000	0.0000
2	2.97500	COMB8	Combination	-9.155	21.375	0.000	0.0000	0.0000
2	3.40000	COMB8	Combination	-9.155	30.831	0.000	0.0000	0.0000
2	3.82500	COMB8	Combination	-9.155	40.287	0.000	0.0000	0.0000
2	4.25000	COMB8	Combination	-9.155	49.744	0.000	0.0000	0.0000
2	0.00000	COMB9	Combination	-46.035	-154.623	0.000	0.0000	0.0000
2	0.42500	COMB9	Combination	-46.035	-145.703	0.000	0.0000	0.0000
2	0.85000	COMB9	Combination	-46.035	-136.782	0.000	0.0000	0.0000
2	1.27500	COMB9	Combination	-46.035	-101.725	0.000	0.0000	0.0000
2	1.70000	COMB9	Combination	-46.035	-48.372	0.000	0.0000	0.0000
2	2.12500	COMB9	Combination	-46.035	4.981	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
2	2.12500	COMB9	Combination	-46.035	4.981	0.000	0.0000	0.0000
2	2.55000	COMB9	Combination	-46.035	58.334	0.000	0.0000	0.0000
2	2.97500	COMB9	Combination	-46.035	111.688	0.000	0.0000	0.0000
2	3.40000	COMB9	Combination	-46.035	146.745	0.000	0.0000	0.0000
2	3.82500	COMB9	Combination	-46.035	155.666	0.000	0.0000	0.0000
2	4.25000	COMB9	Combination	-46.035	164.586	0.000	0.0000	0.0000
2	0.00000	COMB10	Combination	-40.838	-131.169	0.000	0.0000	0.0000
2	0.42500	COMB10	Combination	-40.838	-121.139	0.000	0.0000	0.0000
2	0.85000	COMB10	Combination	-40.838	-111.109	0.000	0.0000	0.0000
2	1.27500	COMB10	Combination	-40.838	-81.534	0.000	0.0000	0.0000
2	1.70000	COMB10	Combination	-40.838	-38.276	0.000	0.0000	0.0000
2	2.12500	COMB10	Combination	-40.838	4.981	0.000	0.0000	0.0000
2	2.12500	COMB10	Combination	-40.838	4.981	0.000	0.0000	0.0000
2	2.55000	COMB10	Combination	-40.838	48.239	0.000	0.0000	0.0000
2	2.97500	COMB10	Combination	-40.838	91.497	0.000	0.0000	0.0000
2	3.40000	COMB10	Combination	-40.838	121.072	0.000	0.0000	0.0000
2	3.82500	COMB10	Combination	-40.838	131.102	0.000	0.0000	0.0000
2	4.25000	COMB10	Combination	-40.838	141.132	0.000	0.0000	0.0000
2	0.00000	COMB11	Combination	-22.783	-147.282	0.000	0.0000	0.0000
2	0.42500	COMB11	Combination	-22.783	-137.826	0.000	0.0000	0.0000
2	0.85000	COMB11	Combination	-22.783	-128.370	0.000	0.0000	0.0000
2	1.27500	COMB11	Combination	-22.783	-96.186	0.000	0.0000	0.0000
2	1.70000	COMB11	Combination	-22.783	-48.093	0.000	0.0000	0.0000
2	2.12500	COMB11	Combination	-22.783	9.337E-14	0.000	0.0000	0.0000
2	2.12500	COMB11	Combination	-22.783	9.337E-14	0.000	0.0000	0.0000
2	2.55000	COMB11	Combination	-22.783	48.093	0.000	0.0000	0.0000
2	2.97500	COMB11	Combination	-22.783	96.186	0.000	0.0000	0.0000
2	3.40000	COMB11	Combination	-22.783	128.370	0.000	0.0000	0.0000
2	3.82500	COMB11	Combination	-22.783	137.826	0.000	0.0000	0.0000
2	4.25000	COMB11	Combination	-22.783	147.282	0.000	0.0000	0.0000
2	0.00000	COMB12	Combination	-20.926	-37.519	0.000	0.0000	0.0000
2	0.42500	COMB12	Combination	-20.926	-29.019	0.000	0.0000	0.0000
2	0.85000	COMB12	Combination	-20.926	-20.519	0.000	0.0000	0.0000
2	1.27500	COMB12	Combination	-20.926	-12.019	0.000	0.0000	0.0000
2	1.70000	COMB12	Combination	-20.926	-3.519	0.000	0.0000	0.0000
2	2.12500	COMB12	Combination	-20.926	4.981	0.000	0.0000	0.0000
2	2.12500	COMB12	Combination	-20.926	4.981	0.000	0.0000	0.0000
2	2.55000	COMB12	Combination	-20.926	13.481	0.000	0.0000	0.0000
2	2.97500	COMB12	Combination	-20.926	21.981	0.000	0.0000	0.0000
2	3.40000	COMB12	Combination	-20.926	30.481	0.000	0.0000	0.0000
2	3.82500	COMB12	Combination	-20.926	38.981	0.000	0.0000	0.0000
2	4.25000	COMB12	Combination	-20.926	47.481	0.000	0.0000	0.0000
2	0.00000	COMB13	Combination	-7.076	-28.156	0.000	0.0000	0.0000
2	0.42500	COMB13	Combination	-7.076	-22.525	0.000	0.0000	0.0000
2	0.85000	COMB13	Combination	-7.076	-16.894	0.000	0.0000	0.0000
2	1.27500	COMB13	Combination	-7.076	-11.263	0.000	0.0000	0.0000
2	1.70000	COMB13	Combination	-7.076	-5.631	0.000	0.0000	0.0000
2	2.12500	COMB13	Combination	-7.076	1.832E-14	0.000	0.0000	0.0000
2	2.12500	COMB13	Combination	-7.076	1.832E-14	0.000	0.0000	0.0000
2	2.55000	COMB13	Combination	-7.076	5.631	0.000	0.0000	0.0000
2	2.97500	COMB13	Combination	-7.076	11.263	0.000	0.0000	0.0000
2	3.40000	COMB13	Combination	-7.076	16.894	0.000	0.0000	0.0000
2	3.82500	COMB13	Combination	-7.076	22.525	0.000	0.0000	0.0000
2	4.25000	COMB13	Combination	-7.076	28.156	0.000	0.0000	0.0000
3	0.00000	COMB1	Combination	-199.054	-42.066	0.000	0.0000	0.0000
3	0.87500	COMB1	Combination	-206.436	-42.066	0.000	0.0000	0.0000
3	0.87500	COMB1	Combination	-206.436	-42.066	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
3	1.75000	COMB1	Combination	-213.819	-42.066	0.000	0.0000	0.0000
3	0.00000	COMB2	Combination	-192.329	-29.706	0.000	0.0000	0.0000
3	0.87500	COMB2	Combination	-199.711	-24.106	0.000	0.0000	0.0000
3	0.87500	COMB2	Combination	-199.711	-24.106	0.000	0.0000	0.0000
3	1.75000	COMB2	Combination	-207.094	-18.527	0.000	0.0000	0.0000
3	0.00000	COMB3	Combination	-164.831	-23.612	0.000	0.0000	0.0000
3	0.87500	COMB3	Combination	-172.214	-18.012	0.000	0.0000	0.0000
3	0.87500	COMB3	Combination	-172.214	-18.012	0.000	0.0000	0.0000
3	1.75000	COMB3	Combination	-179.596	-12.433	0.000	0.0000	0.0000
3	0.00000	COMB4	Combination	-64.052	-28.247	0.000	0.0000	0.0000
3	0.87500	COMB4	Combination	-71.435	-17.725	0.000	0.0000	0.0000
3	0.87500	COMB4	Combination	-71.435	-17.725	0.000	0.0000	0.0000
3	1.75000	COMB4	Combination	-78.818	2.619	0.000	0.0000	0.0000
3	0.00000	COMB5	Combination	-70.555	-25.545	0.000	0.0000	0.0000
3	0.87500	COMB5	Combination	-77.938	-17.751	0.000	0.0000	0.0000
3	0.87500	COMB5	Combination	-77.938	-17.751	0.000	0.0000	0.0000
3	1.75000	COMB5	Combination	-85.320	-2.682	0.000	0.0000	0.0000
3	0.00000	COMB6	Combination	-29.624	-11.117	0.000	0.0000	0.0000
3	0.87500	COMB6	Combination	-35.092	-3.323	0.000	0.0000	0.0000
3	0.87500	COMB6	Combination	-34.682	-4.963	0.000	0.0000	0.0000
3	1.75000	COMB6	Combination	-40.151	10.106	0.000	0.0000	0.0000
3	0.00000	COMB7	Combination	-30.619	-8.033	0.000	0.0000	0.0000
3	0.87500	COMB7	Combination	-36.087	-0.238	0.000	0.0000	0.0000
3	0.87500	COMB7	Combination	-36.497	-1.878	0.000	0.0000	0.0000
3	1.75000	COMB7	Combination	-41.966	13.191	0.000	0.0000	0.0000
3	0.00000	COMB8	Combination	-49.744	-9.155	0.000	0.0000	0.0000
3	0.87500	COMB8	Combination	-55.212	-1.361	0.000	0.0000	0.0000
3	0.87500	COMB8	Combination	-55.622	-3.001	0.000	0.0000	0.0000
3	1.75000	COMB8	Combination	-61.091	12.069	0.000	0.0000	0.0000
3	0.00000	COMB9	Combination	-164.586	-46.035	0.000	0.0000	0.0000
3	0.87500	COMB9	Combination	-170.055	-35.514	0.000	0.0000	0.0000
3	0.87500	COMB9	Combination	-170.055	-35.514	0.000	0.0000	0.0000
3	1.75000	COMB9	Combination	-175.524	-15.169	0.000	0.0000	0.0000
3	0.00000	COMB10	Combination	-141.132	-40.838	0.000	0.0000	0.0000
3	0.87500	COMB10	Combination	-146.601	-30.316	0.000	0.0000	0.0000
3	0.87500	COMB10	Combination	-146.601	-30.316	0.000	0.0000	0.0000
3	1.75000	COMB10	Combination	-152.070	-9.972	0.000	0.0000	0.0000
3	0.00000	COMB11	Combination	-147.282	-22.783	0.000	0.0000	0.0000
3	0.87500	COMB11	Combination	-152.751	-18.270	0.000	0.0000	0.0000
3	0.87500	COMB11	Combination	-152.751	-18.270	0.000	0.0000	0.0000
3	1.75000	COMB11	Combination	-158.220	-13.044	0.000	0.0000	0.0000
3	0.00000	COMB12	Combination	-47.481	-20.926	0.000	0.0000	0.0000
3	0.87500	COMB12	Combination	-52.950	-13.132	0.000	0.0000	0.0000
3	0.87500	COMB12	Combination	-52.950	-13.132	0.000	0.0000	0.0000
3	1.75000	COMB12	Combination	-58.419	1.938	0.000	0.0000	0.0000
3	0.00000	COMB13	Combination	-28.156	-7.076	0.000	0.0000	0.0000
3	0.87500	COMB13	Combination	-33.625	0.718	0.000	0.0000	0.0000
3	0.87500	COMB13	Combination	-33.625	0.718	0.000	0.0000	0.0000
3	1.75000	COMB13	Combination	-39.094	15.788	0.000	0.0000	0.0000
22	0.00000	COMB1	Combination	127.153	197.728	0.000	0.0000	0.0000
22	0.12500	COMB1	Combination	127.153	198.782	0.000	0.0000	0.0000
22	0.12500	COMB1	Combination	127.153	198.782	0.000	0.0000	0.0000
22	0.25000	COMB1	Combination	127.153	199.837	0.000	0.0000	0.0000
22	0.00000	COMB2	Combination	20.507	191.394	0.000	0.0000	0.0000
22	0.12500	COMB2	Combination	20.507	195.261	0.000	0.0000	0.0000
22	0.12500	COMB2	Combination	20.507	195.261	0.000	0.0000	0.0000
22	0.25000	COMB2	Combination	20.507	199.128	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
22	0.00000	COMB3	Combination	13.762	165.727	0.000	0.0000	0.0000
22	0.12500	COMB3	Combination	13.762	169.594	0.000	0.0000	0.0000
22	0.12500	COMB3	Combination	13.762	169.594	0.000	0.0000	0.0000
22	0.25000	COMB3	Combination	13.762	173.461	0.000	0.0000	0.0000
22	0.00000	COMB4	Combination	77.694	71.776	0.000	0.0000	0.0000
22	0.12500	COMB4	Combination	77.694	72.831	0.000	0.0000	0.0000
22	0.12500	COMB4	Combination	77.694	72.831	0.000	0.0000	0.0000
22	0.25000	COMB4	Combination	77.694	73.885	0.000	0.0000	0.0000
22	0.00000	COMB5	Combination	83.560	77.829	0.000	0.0000	0.0000
22	0.12500	COMB5	Combination	83.560	78.884	0.000	0.0000	0.0000
22	0.12500	COMB5	Combination	83.560	78.884	0.000	0.0000	0.0000
22	0.25000	COMB5	Combination	83.560	79.938	0.000	0.0000	0.0000
22	0.00000	COMB6	Combination	11.131	36.840	0.000	0.0000	0.0000
22	0.12500	COMB6	Combination	11.131	37.621	0.000	0.0000	0.0000
22	0.12500	COMB6	Combination	11.365	37.562	0.000	0.0000	0.0000
22	0.25000	COMB6	Combination	11.365	38.344	0.000	0.0000	0.0000
22	0.00000	COMB7	Combination	7.716	21.535	0.000	0.0000	0.0000
22	0.12500	COMB7	Combination	7.716	22.316	0.000	0.0000	0.0000
22	0.12500	COMB7	Combination	7.950	80.816	0.000	0.0000	0.0000
22	0.25000	COMB7	Combination	7.950	81.597	0.000	0.0000	0.0000
22	0.00000	COMB8	Combination	8.958	39.430	0.000	0.0000	0.0000
22	0.12500	COMB8	Combination	8.958	40.211	0.000	0.0000	0.0000
22	0.12500	COMB8	Combination	9.192	98.711	0.000	0.0000	0.0000
22	0.25000	COMB8	Combination	9.192	99.492	0.000	0.0000	0.0000
22	0.00000	COMB9	Combination	76.488	162.594	0.000	0.0000	0.0000
22	0.12500	COMB9	Combination	76.488	163.375	0.000	0.0000	0.0000
22	0.12500	COMB9	Combination	76.488	163.375	0.000	0.0000	0.0000
22	0.25000	COMB9	Combination	76.488	164.157	0.000	0.0000	0.0000
22	0.00000	COMB10	Combination	70.735	140.701	0.000	0.0000	0.0000
22	0.12500	COMB10	Combination	70.735	141.483	0.000	0.0000	0.0000
22	0.12500	COMB10	Combination	70.735	141.483	0.000	0.0000	0.0000
22	0.25000	COMB10	Combination	70.735	142.264	0.000	0.0000	0.0000
22	0.00000	COMB11	Combination	14.438	146.407	0.000	0.0000	0.0000
22	0.12500	COMB11	Combination	14.438	149.063	0.000	0.0000	0.0000
22	0.12500	COMB11	Combination	14.438	149.063	0.000	0.0000	0.0000
22	0.25000	COMB11	Combination	14.438	151.720	0.000	0.0000	0.0000
22	0.00000	COMB12	Combination	57.553	53.200	0.000	0.0000	0.0000
22	0.12500	COMB12	Combination	57.553	53.982	0.000	0.0000	0.0000
22	0.12500	COMB12	Combination	57.553	53.982	0.000	0.0000	0.0000
22	0.25000	COMB12	Combination	57.553	54.763	0.000	0.0000	0.0000
22	0.00000	COMB13	Combination	-17.475	36.268	0.000	0.0000	0.0000
22	0.12500	COMB13	Combination	-17.475	37.049	0.000	0.0000	0.0000
22	0.12500	COMB13	Combination	-17.475	37.049	0.000	0.0000	0.0000
22	0.25000	COMB13	Combination	-17.475	37.830	0.000	0.0000	0.0000
23	0.00000	COMB1	Combination	127.153	149.328	0.000	0.0000	0.0000
23	0.12500	COMB1	Combination	127.153	150.383	0.000	0.0000	0.0000
23	0.12500	COMB1	Combination	127.153	150.383	0.000	0.0000	0.0000
23	0.25000	COMB1	Combination	127.153	151.438	0.000	0.0000	0.0000
23	0.00000	COMB2	Combination	20.507	148.408	0.000	0.0000	0.0000
23	0.12500	COMB2	Combination	20.507	152.275	0.000	0.0000	0.0000
23	0.12500	COMB2	Combination	20.507	152.275	0.000	0.0000	0.0000
23	0.25000	COMB2	Combination	20.507	156.142	0.000	0.0000	0.0000
23	0.00000	COMB3	Combination	13.762	128.509	0.000	0.0000	0.0000
23	0.12500	COMB3	Combination	13.762	132.376	0.000	0.0000	0.0000
23	0.12500	COMB3	Combination	13.762	132.376	0.000	0.0000	0.0000
23	0.25000	COMB3	Combination	13.762	136.243	0.000	0.0000	0.0000
23	0.00000	COMB4	Combination	77.694	51.839	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
23	0.12500	COMB4	Combination	77.694	52.894	0.000	0.0000	0.0000
23	0.12500	COMB4	Combination	77.694	52.894	0.000	0.0000	0.0000
23	0.25000	COMB4	Combination	77.694	53.948	0.000	0.0000	0.0000
23	0.00000	COMB5	Combination	83.560	56.490	0.000	0.0000	0.0000
23	0.12500	COMB5	Combination	83.560	57.545	0.000	0.0000	0.0000
23	0.12500	COMB5	Combination	83.560	57.545	0.000	0.0000	0.0000
23	0.25000	COMB5	Combination	83.560	58.599	0.000	0.0000	0.0000
23	0.00000	COMB6	Combination	11.365	27.733	0.000	0.0000	0.0000
23	0.12500	COMB6	Combination	11.365	28.514	0.000	0.0000	0.0000
23	0.12500	COMB6	Combination	11.599	28.456	0.000	0.0000	0.0000
23	0.25000	COMB6	Combination	11.599	29.237	0.000	0.0000	0.0000
23	0.00000	COMB7	Combination	7.950	9.629	0.000	0.0000	0.0000
23	0.12500	COMB7	Combination	7.950	10.410	0.000	0.0000	0.0000
23	0.12500	COMB7	Combination	8.184	68.910	0.000	0.0000	0.0000
23	0.25000	COMB7	Combination	8.184	69.691	0.000	0.0000	0.0000
23	0.00000	COMB8	Combination	9.192	23.612	0.000	0.0000	0.0000
23	0.12500	COMB8	Combination	9.192	24.393	0.000	0.0000	0.0000
23	0.12500	COMB8	Combination	9.426	82.893	0.000	0.0000	0.0000
23	0.25000	COMB8	Combination	9.426	83.674	0.000	0.0000	0.0000
23	0.00000	COMB9	Combination	76.488	123.452	0.000	0.0000	0.0000
23	0.12500	COMB9	Combination	76.488	124.233	0.000	0.0000	0.0000
23	0.12500	COMB9	Combination	76.488	124.233	0.000	0.0000	0.0000
23	0.25000	COMB9	Combination	76.488	125.014	0.000	0.0000	0.0000
23	0.00000	COMB10	Combination	70.735	106.479	0.000	0.0000	0.0000
23	0.12500	COMB10	Combination	70.735	107.261	0.000	0.0000	0.0000
23	0.12500	COMB10	Combination	70.735	107.261	0.000	0.0000	0.0000
23	0.25000	COMB10	Combination	70.735	108.042	0.000	0.0000	0.0000
23	0.00000	COMB11	Combination	14.438	113.611	0.000	0.0000	0.0000
23	0.12500	COMB11	Combination	14.438	116.267	0.000	0.0000	0.0000
23	0.12500	COMB11	Combination	14.438	116.267	0.000	0.0000	0.0000
23	0.25000	COMB11	Combination	14.438	118.924	0.000	0.0000	0.0000
23	0.00000	COMB12	Combination	57.553	38.425	0.000	0.0000	0.0000
23	0.12500	COMB12	Combination	57.553	39.206	0.000	0.0000	0.0000
23	0.12500	COMB12	Combination	57.553	39.206	0.000	0.0000	0.0000
23	0.25000	COMB12	Combination	57.553	39.988	0.000	0.0000	0.0000
23	0.00000	COMB13	Combination	-17.475	28.539	0.000	0.0000	0.0000
23	0.12500	COMB13	Combination	-17.475	29.320	0.000	0.0000	0.0000
23	0.12500	COMB13	Combination	-17.475	29.320	0.000	0.0000	0.0000
23	0.25000	COMB13	Combination	-17.475	30.101	0.000	0.0000	0.0000
24	0.00000	COMB1	Combination	127.153	108.603	0.000	0.0000	0.0000
24	0.12500	COMB1	Combination	127.153	109.658	0.000	0.0000	0.0000
24	0.12500	COMB1	Combination	127.153	109.658	0.000	0.0000	0.0000
24	0.25000	COMB1	Combination	127.153	110.713	0.000	0.0000	0.0000
24	0.00000	COMB2	Combination	20.507	111.742	0.000	0.0000	0.0000
24	0.12500	COMB2	Combination	20.507	115.610	0.000	0.0000	0.0000
24	0.12500	COMB2	Combination	20.507	115.610	0.000	0.0000	0.0000
24	0.25000	COMB2	Combination	20.507	119.477	0.000	0.0000	0.0000
24	0.00000	COMB3	Combination	13.762	96.730	0.000	0.0000	0.0000
24	0.12500	COMB3	Combination	13.762	100.598	0.000	0.0000	0.0000
24	0.12500	COMB3	Combination	13.762	100.598	0.000	0.0000	0.0000
24	0.25000	COMB3	Combination	13.762	104.465	0.000	0.0000	0.0000
24	0.00000	COMB4	Combination	77.694	35.185	0.000	0.0000	0.0000
24	0.12500	COMB4	Combination	77.694	36.239	0.000	0.0000	0.0000
24	0.12500	COMB4	Combination	77.694	36.239	0.000	0.0000	0.0000
24	0.25000	COMB4	Combination	77.694	37.294	0.000	0.0000	0.0000
24	0.00000	COMB5	Combination	83.560	38.659	0.000	0.0000	0.0000
24	0.12500	COMB5	Combination	83.560	39.714	0.000	0.0000	0.0000



Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
24	0.12500	COMB5	Combination	83.560	39.714	0.000	0.0000	0.0000
24	0.25000	COMB5	Combination	83.560	40.769	0.000	0.0000	0.0000
24	0.00000	COMB6	Combination	11.599	19.998	0.000	0.0000	0.0000
24	0.12500	COMB6	Combination	11.599	20.779	0.000	0.0000	0.0000
24	0.12500	COMB6	Combination	11.833	20.720	0.000	0.0000	0.0000
24	0.25000	COMB6	Combination	11.833	21.502	0.000	0.0000	0.0000
24	0.00000	COMB7	Combination	8.184	-0.572	0.000	0.0000	0.0000
24	0.12500	COMB7	Combination	8.184	0.209	0.000	0.0000	0.0000
24	0.12500	COMB7	Combination	8.418	58.709	0.000	0.0000	0.0000
24	0.25000	COMB7	Combination	8.418	59.491	0.000	0.0000	0.0000
24	0.00000	COMB8	Combination	9.426	10.067	0.000	0.0000	0.0000
24	0.12500	COMB8	Combination	9.426	10.848	0.000	0.0000	0.0000
24	0.12500	COMB8	Combination	9.660	69.348	0.000	0.0000	0.0000
24	0.25000	COMB8	Combination	9.660	70.129	0.000	0.0000	0.0000
24	0.00000	COMB9	Combination	76.488	90.406	0.000	0.0000	0.0000
24	0.12500	COMB9	Combination	76.488	91.187	0.000	0.0000	0.0000
24	0.12500	COMB9	Combination	76.488	91.187	0.000	0.0000	0.0000
24	0.25000	COMB9	Combination	76.488	91.968	0.000	0.0000	0.0000
24	0.00000	COMB10	Combination	70.735	77.601	0.000	0.0000	0.0000
24	0.12500	COMB10	Combination	70.735	78.383	0.000	0.0000	0.0000
24	0.12500	COMB10	Combination	70.735	78.383	0.000	0.0000	0.0000
24	0.25000	COMB10	Combination	70.735	79.164	0.000	0.0000	0.0000
24	0.00000	COMB11	Combination	14.438	85.632	0.000	0.0000	0.0000
24	0.12500	COMB11	Combination	14.438	88.288	0.000	0.0000	0.0000
24	0.12500	COMB11	Combination	14.438	88.288	0.000	0.0000	0.0000
24	0.25000	COMB11	Combination	14.438	90.944	0.000	0.0000	0.0000
24	0.00000	COMB12	Combination	57.553	26.083	0.000	0.0000	0.0000
24	0.12500	COMB12	Combination	57.553	26.864	0.000	0.0000	0.0000
24	0.12500	COMB12	Combination	57.553	26.864	0.000	0.0000	0.0000
24	0.25000	COMB12	Combination	57.553	27.645	0.000	0.0000	0.0000
24	0.00000	COMB13	Combination	-17.475	21.826	0.000	0.0000	0.0000
24	0.12500	COMB13	Combination	-17.475	22.608	0.000	0.0000	0.0000
24	0.12500	COMB13	Combination	-17.475	22.608	0.000	0.0000	0.0000
24	0.25000	COMB13	Combination	-17.475	23.389	0.000	0.0000	0.0000
25	0.00000	COMB1	Combination	127.153	75.233	0.000	0.0000	0.0000
25	0.12500	COMB1	Combination	127.153	76.288	0.000	0.0000	0.0000
25	0.12500	COMB1	Combination	127.153	76.288	0.000	0.0000	0.0000
25	0.25000	COMB1	Combination	127.153	77.342	0.000	0.0000	0.0000
25	0.00000	COMB2	Combination	20.507	81.338	0.000	0.0000	0.0000
25	0.12500	COMB2	Combination	20.507	85.205	0.000	0.0000	0.0000
25	0.12500	COMB2	Combination	20.507	85.205	0.000	0.0000	0.0000
25	0.25000	COMB2	Combination	20.507	89.072	0.000	0.0000	0.0000
25	0.00000	COMB3	Combination	13.762	70.349	0.000	0.0000	0.0000
25	0.12500	COMB3	Combination	13.762	74.216	0.000	0.0000	0.0000
25	0.12500	COMB3	Combination	13.762	74.216	0.000	0.0000	0.0000
25	0.25000	COMB3	Combination	13.762	78.083	0.000	0.0000	0.0000
25	0.00000	COMB4	Combination	77.694	21.591	0.000	0.0000	0.0000
25	0.12500	COMB4	Combination	77.694	22.645	0.000	0.0000	0.0000
25	0.12500	COMB4	Combination	77.694	22.645	0.000	0.0000	0.0000
25	0.25000	COMB4	Combination	77.694	23.700	0.000	0.0000	0.0000
25	0.00000	COMB5	Combination	83.560	24.107	0.000	0.0000	0.0000
25	0.12500	COMB5	Combination	83.560	25.162	0.000	0.0000	0.0000
25	0.12500	COMB5	Combination	83.560	25.162	0.000	0.0000	0.0000
25	0.25000	COMB5	Combination	83.560	26.216	0.000	0.0000	0.0000
25	0.00000	COMB6	Combination	11.833	13.587	0.000	0.0000	0.0000
25	0.12500	COMB6	Combination	11.833	14.368	0.000	0.0000	0.0000
25	0.12500	COMB6	Combination	12.067	14.309	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
25	0.25000	COMB6	Combination	12.067	15.091	0.000	0.0000	0.0000
25	0.00000	COMB7	Combination	8.418	-9.097	0.000	0.0000	0.0000
25	0.12500	COMB7	Combination	8.418	-8.316	0.000	0.0000	0.0000
25	0.12500	COMB7	Combination	8.652	50.184	0.000	0.0000	0.0000
25	0.25000	COMB7	Combination	8.652	50.965	0.000	0.0000	0.0000
25	0.00000	COMB8	Combination	9.660	-1.239	0.000	0.0000	0.0000
25	0.12500	COMB8	Combination	9.660	-0.457	0.000	0.0000	0.0000
25	0.12500	COMB8	Combination	9.894	58.043	0.000	0.0000	0.0000
25	0.25000	COMB8	Combination	9.894	58.824	0.000	0.0000	0.0000
25	0.00000	COMB9	Combination	76.488	63.233	0.000	0.0000	0.0000
25	0.12500	COMB9	Combination	76.488	64.015	0.000	0.0000	0.0000
25	0.12500	COMB9	Combination	76.488	64.015	0.000	0.0000	0.0000
25	0.25000	COMB9	Combination	76.488	64.796	0.000	0.0000	0.0000
25	0.00000	COMB10	Combination	70.735	53.860	0.000	0.0000	0.0000
25	0.12500	COMB10	Combination	70.735	54.642	0.000	0.0000	0.0000
25	0.12500	COMB10	Combination	70.735	54.642	0.000	0.0000	0.0000
25	0.25000	COMB10	Combination	70.735	55.423	0.000	0.0000	0.0000
25	0.00000	COMB11	Combination	14.438	62.425	0.000	0.0000	0.0000
25	0.12500	COMB11	Combination	14.438	65.082	0.000	0.0000	0.0000
25	0.12500	COMB11	Combination	14.438	65.082	0.000	0.0000	0.0000
25	0.25000	COMB11	Combination	14.438	67.738	0.000	0.0000	0.0000
25	0.00000	COMB12	Combination	57.553	16.008	0.000	0.0000	0.0000
25	0.12500	COMB12	Combination	57.553	16.789	0.000	0.0000	0.0000
25	0.12500	COMB12	Combination	57.553	16.789	0.000	0.0000	0.0000
25	0.25000	COMB12	Combination	57.553	17.570	0.000	0.0000	0.0000
25	0.00000	COMB13	Combination	-17.475	16.153	0.000	0.0000	0.0000
25	0.12500	COMB13	Combination	-17.475	16.934	0.000	0.0000	0.0000
25	0.12500	COMB13	Combination	-17.475	16.934	0.000	0.0000	0.0000
25	0.25000	COMB13	Combination	-17.475	17.715	0.000	0.0000	0.0000
26	0.00000	COMB1	Combination	127.153	48.478	0.000	0.0000	0.0000
26	0.12500	COMB1	Combination	127.153	49.533	0.000	0.0000	0.0000
26	0.12500	COMB1	Combination	127.153	49.533	0.000	0.0000	0.0000
26	0.25000	COMB1	Combination	127.153	50.588	0.000	0.0000	0.0000
26	0.00000	COMB2	Combination	20.507	56.691	0.000	0.0000	0.0000
26	0.12500	COMB2	Combination	20.507	60.559	0.000	0.0000	0.0000
26	0.12500	COMB2	Combination	20.507	60.559	0.000	0.0000	0.0000
26	0.25000	COMB2	Combination	20.507	64.426	0.000	0.0000	0.0000
26	0.00000	COMB3	Combination	13.762	48.936	0.000	0.0000	0.0000
26	0.12500	COMB3	Combination	13.762	52.803	0.000	0.0000	0.0000
26	0.12500	COMB3	Combination	13.762	52.803	0.000	0.0000	0.0000
26	0.25000	COMB3	Combination	13.762	56.670	0.000	0.0000	0.0000
26	0.00000	COMB4	Combination	77.694	10.695	0.000	0.0000	0.0000
26	0.12500	COMB4	Combination	77.694	11.750	0.000	0.0000	0.0000
26	0.12500	COMB4	Combination	77.694	11.750	0.000	0.0000	0.0000
26	0.25000	COMB4	Combination	77.694	12.804	0.000	0.0000	0.0000
26	0.00000	COMB5	Combination	83.560	12.451	0.000	0.0000	0.0000
26	0.12500	COMB5	Combination	83.560	13.506	0.000	0.0000	0.0000
26	0.12500	COMB5	Combination	83.560	13.506	0.000	0.0000	0.0000
26	0.25000	COMB5	Combination	83.560	14.560	0.000	0.0000	0.0000
26	0.00000	COMB6	Combination	12.067	8.373	0.000	0.0000	0.0000
26	0.12500	COMB6	Combination	12.067	9.154	0.000	0.0000	0.0000
26	0.12500	COMB6	Combination	12.301	9.096	0.000	0.0000	0.0000
26	0.25000	COMB6	Combination	12.301	9.877	0.000	0.0000	0.0000
26	0.00000	COMB7	Combination	8.652	-16.089	0.000	0.0000	0.0000
26	0.12500	COMB7	Combination	8.652	-15.308	0.000	0.0000	0.0000
26	0.12500	COMB7	Combination	8.886	43.192	0.000	0.0000	0.0000
26	0.25000	COMB7	Combination	8.886	43.973	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
26	0.00000	COMB8	Combination	9.894	-10.491	0.000	0.0000	0.0000
26	0.12500	COMB8	Combination	9.894	-9.710	0.000	0.0000	0.0000
26	0.12500	COMB8	Combination	10.128	48.790	0.000	0.0000	0.0000
26	0.25000	COMB8	Combination	10.128	49.571	0.000	0.0000	0.0000
26	0.00000	COMB9	Combination	76.488	41.365	0.000	0.0000	0.0000
26	0.12500	COMB9	Combination	76.488	42.147	0.000	0.0000	0.0000
26	0.12500	COMB9	Combination	76.488	42.147	0.000	0.0000	0.0000
26	0.25000	COMB9	Combination	76.488	42.928	0.000	0.0000	0.0000
26	0.00000	COMB10	Combination	70.735	34.751	0.000	0.0000	0.0000
26	0.12500	COMB10	Combination	70.735	35.532	0.000	0.0000	0.0000
26	0.12500	COMB10	Combination	70.735	35.532	0.000	0.0000	0.0000
26	0.25000	COMB10	Combination	70.735	36.313	0.000	0.0000	0.0000
26	0.00000	COMB11	Combination	14.438	43.609	0.000	0.0000	0.0000
26	0.12500	COMB11	Combination	14.438	46.266	0.000	0.0000	0.0000
26	0.12500	COMB11	Combination	14.438	46.266	0.000	0.0000	0.0000
26	0.25000	COMB11	Combination	14.438	48.922	0.000	0.0000	0.0000
26	0.00000	COMB12	Combination	57.553	7.933	0.000	0.0000	0.0000
26	0.12500	COMB12	Combination	57.553	8.714	0.000	0.0000	0.0000
26	0.12500	COMB12	Combination	57.553	8.714	0.000	0.0000	0.0000
26	0.25000	COMB12	Combination	57.553	9.495	0.000	0.0000	0.0000
26	0.00000	COMB13	Combination	-17.475	11.454	0.000	0.0000	0.0000
26	0.12500	COMB13	Combination	-17.475	12.235	0.000	0.0000	0.0000
26	0.12500	COMB13	Combination	-17.475	12.235	0.000	0.0000	0.0000
26	0.25000	COMB13	Combination	-17.475	13.016	0.000	0.0000	0.0000
27	0.00000	COMB1	Combination	127.153	27.310	0.000	0.0000	0.0000
27	0.12500	COMB1	Combination	127.153	28.365	0.000	0.0000	0.0000
27	0.12500	COMB1	Combination	127.153	28.365	0.000	0.0000	0.0000
27	0.25000	COMB1	Combination	127.153	29.420	0.000	0.0000	0.0000
27	0.00000	COMB2	Combination	20.507	36.977	0.000	0.0000	0.0000
27	0.12500	COMB2	Combination	20.507	40.844	0.000	0.0000	0.0000
27	0.12500	COMB2	Combination	20.507	40.844	0.000	0.0000	0.0000
27	0.25000	COMB2	Combination	20.507	44.712	0.000	0.0000	0.0000
27	0.00000	COMB3	Combination	13.762	31.782	0.000	0.0000	0.0000
27	0.12500	COMB3	Combination	13.762	35.649	0.000	0.0000	0.0000
27	0.12500	COMB3	Combination	13.762	35.649	0.000	0.0000	0.0000
27	0.25000	COMB3	Combination	13.762	39.517	0.000	0.0000	0.0000
27	0.00000	COMB4	Combination	77.694	2.051	0.000	0.0000	0.0000
27	0.12500	COMB4	Combination	77.694	3.105	0.000	0.0000	0.0000
27	0.12500	COMB4	Combination	77.694	3.105	0.000	0.0000	0.0000
27	0.25000	COMB4	Combination	77.694	4.160	0.000	0.0000	0.0000
27	0.00000	COMB5	Combination	83.560	3.214	0.000	0.0000	0.0000
27	0.12500	COMB5	Combination	83.560	4.269	0.000	0.0000	0.0000
27	0.12500	COMB5	Combination	83.560	4.269	0.000	0.0000	0.0000
27	0.25000	COMB5	Combination	83.560	5.323	0.000	0.0000	0.0000
27	0.00000	COMB6	Combination	12.301	4.175	0.000	0.0000	0.0000
27	0.12500	COMB6	Combination	12.301	4.956	0.000	0.0000	0.0000
27	0.12500	COMB6	Combination	12.535	4.898	0.000	0.0000	0.0000
27	0.25000	COMB6	Combination	12.535	5.679	0.000	0.0000	0.0000
27	0.00000	COMB7	Combination	8.886	-21.771	0.000	0.0000	0.0000
27	0.12500	COMB7	Combination	8.886	-20.990	0.000	0.0000	0.0000
27	0.12500	COMB7	Combination	9.120	37.510	0.000	0.0000	0.0000
27	0.25000	COMB7	Combination	9.120	38.292	0.000	0.0000	0.0000
27	0.00000	COMB8	Combination	10.128	-17.987	0.000	0.0000	0.0000
27	0.12500	COMB8	Combination	10.128	-17.205	0.000	0.0000	0.0000
27	0.12500	COMB8	Combination	10.362	41.295	0.000	0.0000	0.0000
27	0.25000	COMB8	Combination	10.362	42.076	0.000	0.0000	0.0000
27	0.00000	COMB9	Combination	76.488	23.989	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station	OutputCase	CaseType	P	V2	V3	T	M2
	m			KN	KN	KN	KN-m	KN-m
27	0.12500	COMB9	Combination	76.488	24.770	0.000	0.0000	0.0000
27	0.12500	COMB9	Combination	76.488	24.770	0.000	0.0000	0.0000
27	0.25000	COMB9	Combination	76.488	25.551	0.000	0.0000	0.0000
27	0.00000	COMB10	Combination	70.735	19.558	0.000	0.0000	0.0000
27	0.12500	COMB10	Combination	70.735	20.339	0.000	0.0000	0.0000
27	0.12500	COMB10	Combination	70.735	20.339	0.000	0.0000	0.0000
27	0.25000	COMB10	Combination	70.735	21.120	0.000	0.0000	0.0000
27	0.00000	COMB11	Combination	14.438	28.554	0.000	0.0000	0.0000
27	0.12500	COMB11	Combination	14.438	31.210	0.000	0.0000	0.0000
27	0.12500	COMB11	Combination	14.438	31.210	0.000	0.0000	0.0000
27	0.25000	COMB11	Combination	14.438	33.867	0.000	0.0000	0.0000
27	0.00000	COMB12	Combination	57.553	1.526	0.000	0.0000	0.0000
27	0.12500	COMB12	Combination	57.553	2.307	0.000	0.0000	0.0000
27	0.12500	COMB12	Combination	57.553	2.307	0.000	0.0000	0.0000
27	0.25000	COMB12	Combination	57.553	3.088	0.000	0.0000	0.0000
27	0.00000	COMB13	Combination	-17.475	7.601	0.000	0.0000	0.0000
27	0.12500	COMB13	Combination	-17.475	8.382	0.000	0.0000	0.0000
27	0.12500	COMB13	Combination	-17.475	8.382	0.000	0.0000	0.0000
27	0.25000	COMB13	Combination	-17.475	9.163	0.000	0.0000	0.0000
28	0.00000	COMB1	Combination	127.153	10.511	0.000	0.0000	0.0000
28	0.12500	COMB1	Combination	127.153	11.566	0.000	0.0000	0.0000
28	0.12500	COMB1	Combination	127.153	11.566	0.000	0.0000	0.0000
28	0.25000	COMB1	Combination	127.153	12.621	0.000	0.0000	0.0000
28	0.00000	COMB2	Combination	20.507	21.137	0.000	0.0000	0.0000
28	0.12500	COMB2	Combination	20.507	25.004	0.000	0.0000	0.0000
28	0.12500	COMB2	Combination	20.507	25.004	0.000	0.0000	0.0000
28	0.25000	COMB2	Combination	20.507	28.872	0.000	0.0000	0.0000
28	0.00000	COMB3	Combination	13.762	17.976	0.000	0.0000	0.0000
28	0.12500	COMB3	Combination	13.762	21.843	0.000	0.0000	0.0000
28	0.12500	COMB3	Combination	13.762	21.843	0.000	0.0000	0.0000
28	0.25000	COMB3	Combination	13.762	25.710	0.000	0.0000	0.0000
28	0.00000	COMB4	Combination	77.694	-4.834	0.000	0.0000	0.0000
28	0.12500	COMB4	Combination	77.694	-3.780	0.000	0.0000	0.0000
28	0.12500	COMB4	Combination	77.694	-3.780	0.000	0.0000	0.0000
28	0.25000	COMB4	Combination	77.694	-2.725	0.000	0.0000	0.0000
28	0.00000	COMB5	Combination	83.560	-4.133	0.000	0.0000	0.0000
28	0.12500	COMB5	Combination	83.560	-3.079	0.000	0.0000	0.0000
28	0.12500	COMB5	Combination	83.560	-3.079	0.000	0.0000	0.0000
28	0.25000	COMB5	Combination	83.560	-2.024	0.000	0.0000	0.0000
28	0.00000	COMB6	Combination	12.535	0.777	0.000	0.0000	0.0000
28	0.12500	COMB6	Combination	12.535	1.558	0.000	0.0000	0.0000
28	0.12500	COMB6	Combination	12.769	1.500	0.000	0.0000	0.0000
28	0.25000	COMB6	Combination	12.769	2.281	0.000	0.0000	0.0000
28	0.00000	COMB7	Combination	9.120	-26.417	0.000	0.0000	0.0000
28	0.12500	COMB7	Combination	9.120	-25.635	0.000	0.0000	0.0000
28	0.12500	COMB7	Combination	9.354	32.865	0.000	0.0000	0.0000
28	0.25000	COMB7	Combination	9.354	33.646	0.000	0.0000	0.0000
28	0.00000	COMB8	Combination	10.362	-24.096	0.000	0.0000	0.0000
28	0.12500	COMB8	Combination	10.362	-23.314	0.000	0.0000	0.0000
28	0.12500	COMB8	Combination	10.596	35.186	0.000	0.0000	0.0000
28	0.25000	COMB8	Combination	10.596	35.967	0.000	0.0000	0.0000
28	0.00000	COMB9	Combination	76.488	10.129	0.000	0.0000	0.0000
28	0.12500	COMB9	Combination	76.488	10.910	0.000	0.0000	0.0000
28	0.12500	COMB9	Combination	76.488	10.910	0.000	0.0000	0.0000
28	0.25000	COMB9	Combination	76.488	11.691	0.000	0.0000	0.0000
28	0.00000	COMB10	Combination	70.735	7.433	0.000	0.0000	0.0000
28	0.12500	COMB10	Combination	70.735	8.214	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
28	0.12500	COMB10	Combination	70.735	8.214	0.000	0.0000	0.0000
28	0.25000	COMB10	Combination	70.735	8.995	0.000	0.0000	0.0000
28	0.00000	COMB11	Combination	14.438	16.454	0.000	0.0000	0.0000
28	0.12500	COMB11	Combination	14.438	19.110	0.000	0.0000	0.0000
28	0.12500	COMB11	Combination	14.438	19.110	0.000	0.0000	0.0000
28	0.25000	COMB11	Combination	14.438	21.766	0.000	0.0000	0.0000
28	0.00000	COMB12	Combination	57.553	-3.577	0.000	0.0000	0.0000
28	0.12500	COMB12	Combination	57.553	-2.795	0.000	0.0000	0.0000
28	0.12500	COMB12	Combination	57.553	-2.795	0.000	0.0000	0.0000
28	0.25000	COMB12	Combination	57.553	-2.014	0.000	0.0000	0.0000
28	0.00000	COMB13	Combination	-17.475	4.419	0.000	0.0000	0.0000
28	0.12500	COMB13	Combination	-17.475	5.200	0.000	0.0000	0.0000
28	0.12500	COMB13	Combination	-17.475	5.200	0.000	0.0000	0.0000
28	0.25000	COMB13	Combination	-17.475	5.982	0.000	0.0000	0.0000
29	0.00000	COMB1	Combination	127.153	-3.244	0.000	0.0000	0.0000
29	0.12500	COMB1	Combination	127.153	-2.189	0.000	0.0000	0.0000
29	0.12500	COMB1	Combination	127.153	-2.189	0.000	0.0000	0.0000
29	0.25000	COMB1	Combination	127.153	-1.135	0.000	0.0000	0.0000
29	0.00000	COMB2	Combination	20.507	7.958	0.000	0.0000	0.0000
29	0.12500	COMB2	Combination	20.507	11.826	0.000	0.0000	0.0000
29	0.12500	COMB2	Combination	20.507	11.826	0.000	0.0000	0.0000
29	0.25000	COMB2	Combination	20.507	15.693	0.000	0.0000	0.0000
29	0.00000	COMB3	Combination	13.762	6.470	0.000	0.0000	0.0000
29	0.12500	COMB3	Combination	13.762	10.337	0.000	0.0000	0.0000
29	0.12500	COMB3	Combination	13.762	10.337	0.000	0.0000	0.0000
29	0.25000	COMB3	Combination	13.762	14.204	0.000	0.0000	0.0000
29	0.00000	COMB4	Combination	77.694	-10.463	0.000	0.0000	0.0000
29	0.12500	COMB4	Combination	77.694	-9.408	0.000	0.0000	0.0000
29	0.12500	COMB4	Combination	77.694	-9.408	0.000	0.0000	0.0000
29	0.25000	COMB4	Combination	77.694	-8.353	0.000	0.0000	0.0000
29	0.00000	COMB5	Combination	83.560	-10.135	0.000	0.0000	0.0000
29	0.12500	COMB5	Combination	83.560	-9.080	0.000	0.0000	0.0000
29	0.12500	COMB5	Combination	83.560	-9.080	0.000	0.0000	0.0000
29	0.25000	COMB5	Combination	83.560	-8.026	0.000	0.0000	0.0000
29	0.00000	COMB6	Combination	12.769	-2.055	0.000	0.0000	0.0000
29	0.12500	COMB6	Combination	12.769	-1.274	0.000	0.0000	0.0000
29	0.12500	COMB6	Combination	13.003	-1.333	0.000	0.0000	0.0000
29	0.25000	COMB6	Combination	13.003	-0.551	0.000	0.0000	0.0000
29	0.00000	COMB7	Combination	9.354	-30.334	0.000	0.0000	0.0000
29	0.12500	COMB7	Combination	9.354	-29.553	0.000	0.0000	0.0000
29	0.12500	COMB7	Combination	9.588	28.947	0.000	0.0000	0.0000
29	0.25000	COMB7	Combination	9.588	29.729	0.000	0.0000	0.0000
29	0.00000	COMB8	Combination	10.596	-29.235	0.000	0.0000	0.0000
29	0.12500	COMB8	Combination	10.596	-28.453	0.000	0.0000	0.0000
29	0.12500	COMB8	Combination	10.830	30.047	0.000	0.0000	0.0000
29	0.25000	COMB8	Combination	10.830	30.828	0.000	0.0000	0.0000
29	0.00000	COMB9	Combination	76.488	-1.281	0.000	0.0000	0.0000
29	0.12500	COMB9	Combination	76.488	-0.500	0.000	0.0000	0.0000
29	0.12500	COMB9	Combination	76.488	-0.500	0.000	0.0000	0.0000
29	0.25000	COMB9	Combination	76.488	0.281	0.000	0.0000	0.0000
29	0.00000	COMB10	Combination	70.735	-2.551	0.000	0.0000	0.0000
29	0.12500	COMB10	Combination	70.735	-1.770	0.000	0.0000	0.0000
29	0.12500	COMB10	Combination	70.735	-1.770	0.000	0.0000	0.0000
29	0.25000	COMB10	Combination	70.735	-0.989	0.000	0.0000	0.0000
29	0.00000	COMB11	Combination	14.438	6.383	0.000	0.0000	0.0000
29	0.12500	COMB11	Combination	14.438	9.039	0.000	0.0000	0.0000
29	0.12500	COMB11	Combination	14.438	9.039	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
29	0.25000	COMB11	Combination	14.438	11.695	0.000	0.0000	0.0000
29	0.00000	COMB12	Combination	57.553	-7.748	0.000	0.0000	0.0000
29	0.12500	COMB12	Combination	57.553	-6.967	0.000	0.0000	0.0000
29	0.12500	COMB12	Combination	57.553	-6.967	0.000	0.0000	0.0000
29	0.25000	COMB12	Combination	57.553	-6.186	0.000	0.0000	0.0000
29	0.00000	COMB13	Combination	-17.475	1.701	0.000	0.0000	0.0000
29	0.12500	COMB13	Combination	-17.475	2.482	0.000	0.0000	0.0000
29	0.12500	COMB13	Combination	-17.475	2.482	0.000	0.0000	0.0000
29	0.25000	COMB13	Combination	-17.475	3.263	0.000	0.0000	0.0000
30	0.00000	COMB1	Combination	127.153	-15.323	0.000	0.0000	0.0000
30	0.12500	COMB1	Combination	127.153	-14.269	0.000	0.0000	0.0000
30	0.12500	COMB1	Combination	127.153	-14.269	0.000	0.0000	0.0000
30	0.25000	COMB1	Combination	127.153	-13.214	0.000	0.0000	0.0000
30	0.00000	COMB2	Combination	20.507	-3.867	0.000	0.0000	0.0000
30	0.12500	COMB2	Combination	20.507	-1.748E-12	0.000	0.0000	0.0000
30	0.12500	COMB2	Combination	20.507	-1.748E-12	0.000	0.0000	0.0000
30	0.25000	COMB2	Combination	20.507	3.867	0.000	0.0000	0.0000
30	0.00000	COMB3	Combination	13.762	-3.867	0.000	0.0000	0.0000
30	0.12500	COMB3	Combination	13.762	-1.516E-12	0.000	0.0000	0.0000
30	0.12500	COMB3	Combination	13.762	-1.516E-12	0.000	0.0000	0.0000
30	0.25000	COMB3	Combination	13.762	3.867	0.000	0.0000	0.0000
30	0.00000	COMB4	Combination	77.694	-15.323	0.000	0.0000	0.0000
30	0.12500	COMB4	Combination	77.694	-14.269	0.000	0.0000	0.0000
30	0.12500	COMB4	Combination	77.694	-14.269	0.000	0.0000	0.0000
30	0.25000	COMB4	Combination	77.694	-13.214	0.000	0.0000	0.0000
30	0.00000	COMB5	Combination	83.560	-15.323	0.000	0.0000	0.0000
30	0.12500	COMB5	Combination	83.560	-14.269	0.000	0.0000	0.0000
30	0.12500	COMB5	Combination	83.560	-14.269	0.000	0.0000	0.0000
30	0.25000	COMB5	Combination	83.560	-13.214	0.000	0.0000	0.0000
30	0.00000	COMB6	Combination	13.003	-4.563	0.000	0.0000	0.0000
30	0.12500	COMB6	Combination	13.003	-3.782	0.000	0.0000	0.0000
30	0.12500	COMB6	Combination	13.237	-3.840	0.000	0.0000	0.0000
30	0.25000	COMB6	Combination	13.237	-3.059	0.000	0.0000	0.0000
30	0.00000	COMB7	Combination	9.588	-33.842	0.000	0.0000	0.0000
30	0.12500	COMB7	Combination	9.588	-33.061	0.000	0.0000	0.0000
30	0.12500	COMB7	Combination	9.822	25.439	0.000	0.0000	0.0000
30	0.25000	COMB7	Combination	9.822	26.220	0.000	0.0000	0.0000
30	0.00000	COMB8	Combination	10.830	-33.842	0.000	0.0000	0.0000
30	0.12500	COMB8	Combination	10.830	-33.061	0.000	0.0000	0.0000
30	0.12500	COMB8	Combination	11.064	25.439	0.000	0.0000	0.0000
30	0.25000	COMB8	Combination	11.064	26.220	0.000	0.0000	0.0000
30	0.00000	COMB9	Combination	76.488	-11.351	0.000	0.0000	0.0000
30	0.12500	COMB9	Combination	76.488	-10.569	0.000	0.0000	0.0000
30	0.12500	COMB9	Combination	76.488	-10.569	0.000	0.0000	0.0000
30	0.25000	COMB9	Combination	76.488	-9.788	0.000	0.0000	0.0000
30	0.00000	COMB10	Combination	70.735	-11.351	0.000	0.0000	0.0000
30	0.12500	COMB10	Combination	70.735	-10.569	0.000	0.0000	0.0000
30	0.12500	COMB10	Combination	70.735	-10.569	0.000	0.0000	0.0000
30	0.25000	COMB10	Combination	70.735	-9.788	0.000	0.0000	0.0000
30	0.00000	COMB11	Combination	14.438	-2.656	0.000	0.0000	0.0000
30	0.12500	COMB11	Combination	14.438	-1.352E-12	0.000	0.0000	0.0000
30	0.12500	COMB11	Combination	14.438	-1.352E-12	0.000	0.0000	0.0000
30	0.25000	COMB11	Combination	14.438	2.656	0.000	0.0000	0.0000
30	0.00000	COMB12	Combination	57.553	-11.351	0.000	0.0000	0.0000
30	0.12500	COMB12	Combination	57.553	-10.569	0.000	0.0000	0.0000
30	0.12500	COMB12	Combination	57.553	-10.569	0.000	0.0000	0.0000
30	0.25000	COMB12	Combination	57.553	-9.788	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
30	0.00000	COMB13	Combination	-17.475	-0.781	0.000	0.0000	0.0000
30	0.12500	COMB13	Combination	-17.475	-2.137E-13	0.000	0.0000	0.0000
30	0.12500	COMB13	Combination	-17.475	-2.137E-13	0.000	0.0000	0.0000
30	0.25000	COMB13	Combination	-17.475	0.781	0.000	0.0000	0.0000
31	0.00000	COMB1	Combination	127.153	-27.087	0.000	0.0000	0.0000
31	0.12500	COMB1	Combination	127.153	-26.032	0.000	0.0000	0.0000
31	0.12500	COMB1	Combination	127.153	-26.032	0.000	0.0000	0.0000
31	0.25000	COMB1	Combination	127.153	-24.977	0.000	0.0000	0.0000
31	0.00000	COMB2	Combination	20.507	-15.693	0.000	0.0000	0.0000
31	0.12500	COMB2	Combination	20.507	-11.826	0.000	0.0000	0.0000
31	0.12500	COMB2	Combination	20.507	-11.826	0.000	0.0000	0.0000
31	0.25000	COMB2	Combination	20.507	-7.958	0.000	0.0000	0.0000
31	0.00000	COMB3	Combination	13.762	-14.204	0.000	0.0000	0.0000
31	0.12500	COMB3	Combination	13.762	-10.337	0.000	0.0000	0.0000
31	0.12500	COMB3	Combination	13.762	-10.337	0.000	0.0000	0.0000
31	0.25000	COMB3	Combination	13.762	-6.470	0.000	0.0000	0.0000
31	0.00000	COMB4	Combination	77.694	-19.868	0.000	0.0000	0.0000
31	0.12500	COMB4	Combination	77.694	-18.813	0.000	0.0000	0.0000
31	0.12500	COMB4	Combination	77.694	-18.813	0.000	0.0000	0.0000
31	0.25000	COMB4	Combination	77.694	-17.758	0.000	0.0000	0.0000
31	0.00000	COMB5	Combination	83.560	-20.196	0.000	0.0000	0.0000
31	0.12500	COMB5	Combination	83.560	-19.141	0.000	0.0000	0.0000
31	0.12500	COMB5	Combination	83.560	-19.141	0.000	0.0000	0.0000
31	0.25000	COMB5	Combination	83.560	-18.086	0.000	0.0000	0.0000
31	0.00000	COMB6	Combination	13.237	-6.981	0.000	0.0000	0.0000
31	0.12500	COMB6	Combination	13.237	-6.200	0.000	0.0000	0.0000
31	0.12500	COMB6	Combination	13.471	-6.258	0.000	0.0000	0.0000
31	0.25000	COMB6	Combination	13.471	-5.477	0.000	0.0000	0.0000
31	0.00000	COMB7	Combination	9.822	-37.261	0.000	0.0000	0.0000
31	0.12500	COMB7	Combination	9.822	-36.480	0.000	0.0000	0.0000
31	0.12500	COMB7	Combination	10.056	22.020	0.000	0.0000	0.0000
31	0.25000	COMB7	Combination	10.056	22.801	0.000	0.0000	0.0000
31	0.00000	COMB8	Combination	11.064	-38.360	0.000	0.0000	0.0000
31	0.12500	COMB8	Combination	11.064	-37.579	0.000	0.0000	0.0000
31	0.12500	COMB8	Combination	11.298	20.921	0.000	0.0000	0.0000
31	0.25000	COMB8	Combination	11.298	21.702	0.000	0.0000	0.0000
31	0.00000	COMB9	Combination	76.488	-21.186	0.000	0.0000	0.0000
31	0.12500	COMB9	Combination	76.488	-20.405	0.000	0.0000	0.0000
31	0.12500	COMB9	Combination	76.488	-20.405	0.000	0.0000	0.0000
31	0.25000	COMB9	Combination	76.488	-19.623	0.000	0.0000	0.0000
31	0.00000	COMB10	Combination	70.735	-19.916	0.000	0.0000	0.0000
31	0.12500	COMB10	Combination	70.735	-19.135	0.000	0.0000	0.0000
31	0.12500	COMB10	Combination	70.735	-19.135	0.000	0.0000	0.0000
31	0.25000	COMB10	Combination	70.735	-18.354	0.000	0.0000	0.0000
31	0.00000	COMB11	Combination	14.438	-11.695	0.000	0.0000	0.0000
31	0.12500	COMB11	Combination	14.438	-9.039	0.000	0.0000	0.0000
31	0.12500	COMB11	Combination	14.438	-9.039	0.000	0.0000	0.0000
31	0.25000	COMB11	Combination	14.438	-6.383	0.000	0.0000	0.0000
31	0.00000	COMB12	Combination	57.553	-14.719	0.000	0.0000	0.0000
31	0.12500	COMB12	Combination	57.553	-13.938	0.000	0.0000	0.0000
31	0.12500	COMB12	Combination	57.553	-13.938	0.000	0.0000	0.0000
31	0.25000	COMB12	Combination	57.553	-13.156	0.000	0.0000	0.0000
31	0.00000	COMB13	Combination	-17.475	-3.263	0.000	0.0000	0.0000
31	0.12500	COMB13	Combination	-17.475	-2.482	0.000	0.0000	0.0000
31	0.12500	COMB13	Combination	-17.475	-2.482	0.000	0.0000	0.0000
31	0.25000	COMB13	Combination	-17.475	-1.701	0.000	0.0000	0.0000
32	0.00000	COMB1	Combination	127.153	-39.839	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
32	0.12500	COMB1	Combination	127.153	-38.784	0.000	0.0000	0.0000
32	0.12500	COMB1	Combination	127.153	-38.784	0.000	0.0000	0.0000
32	0.25000	COMB1	Combination	127.153	-37.729	0.000	0.0000	0.0000
32	0.00000	COMB2	Combination	20.507	-28.872	0.000	0.0000	0.0000
32	0.12500	COMB2	Combination	20.507	-25.004	0.000	0.0000	0.0000
32	0.12500	COMB2	Combination	20.507	-25.004	0.000	0.0000	0.0000
32	0.25000	COMB2	Combination	20.507	-21.137	0.000	0.0000	0.0000
32	0.00000	COMB3	Combination	13.762	-25.710	0.000	0.0000	0.0000
32	0.12500	COMB3	Combination	13.762	-21.843	0.000	0.0000	0.0000
32	0.12500	COMB3	Combination	13.762	-21.843	0.000	0.0000	0.0000
32	0.25000	COMB3	Combination	13.762	-17.976	0.000	0.0000	0.0000
32	0.00000	COMB4	Combination	77.694	-24.493	0.000	0.0000	0.0000
32	0.12500	COMB4	Combination	77.694	-23.439	0.000	0.0000	0.0000
32	0.12500	COMB4	Combination	77.694	-23.439	0.000	0.0000	0.0000
32	0.25000	COMB4	Combination	77.694	-22.384	0.000	0.0000	0.0000
32	0.00000	COMB5	Combination	83.560	-25.194	0.000	0.0000	0.0000
32	0.12500	COMB5	Combination	83.560	-24.140	0.000	0.0000	0.0000
32	0.12500	COMB5	Combination	83.560	-24.140	0.000	0.0000	0.0000
32	0.25000	COMB5	Combination	83.560	-23.085	0.000	0.0000	0.0000
32	0.00000	COMB6	Combination	13.471	-9.530	0.000	0.0000	0.0000
32	0.12500	COMB6	Combination	13.471	-8.749	0.000	0.0000	0.0000
32	0.12500	COMB6	Combination	13.705	-8.808	0.000	0.0000	0.0000
32	0.25000	COMB6	Combination	13.705	-8.026	0.000	0.0000	0.0000
32	0.00000	COMB7	Combination	10.056	-40.895	0.000	0.0000	0.0000
32	0.12500	COMB7	Combination	10.056	-40.114	0.000	0.0000	0.0000
32	0.12500	COMB7	Combination	10.290	18.386	0.000	0.0000	0.0000
32	0.25000	COMB7	Combination	10.290	19.167	0.000	0.0000	0.0000
32	0.00000	COMB8	Combination	11.298	-43.216	0.000	0.0000	0.0000
32	0.12500	COMB8	Combination	11.298	-42.435	0.000	0.0000	0.0000
32	0.12500	COMB8	Combination	11.532	16.065	0.000	0.0000	0.0000
32	0.25000	COMB8	Combination	11.532	16.846	0.000	0.0000	0.0000
32	0.00000	COMB9	Combination	76.488	-31.853	0.000	0.0000	0.0000
32	0.12500	COMB9	Combination	76.488	-31.072	0.000	0.0000	0.0000
32	0.12500	COMB9	Combination	76.488	-31.072	0.000	0.0000	0.0000
32	0.25000	COMB9	Combination	76.488	-30.291	0.000	0.0000	0.0000
32	0.00000	COMB10	Combination	70.735	-29.157	0.000	0.0000	0.0000
32	0.12500	COMB10	Combination	70.735	-28.376	0.000	0.0000	0.0000
32	0.12500	COMB10	Combination	70.735	-28.376	0.000	0.0000	0.0000
32	0.25000	COMB10	Combination	70.735	-27.594	0.000	0.0000	0.0000
32	0.00000	COMB11	Combination	14.438	-21.766	0.000	0.0000	0.0000
32	0.12500	COMB11	Combination	14.438	-19.110	0.000	0.0000	0.0000
32	0.12500	COMB11	Combination	14.438	-19.110	0.000	0.0000	0.0000
32	0.25000	COMB11	Combination	14.438	-16.454	0.000	0.0000	0.0000
32	0.00000	COMB12	Combination	57.553	-18.148	0.000	0.0000	0.0000
32	0.12500	COMB12	Combination	57.553	-17.366	0.000	0.0000	0.0000
32	0.12500	COMB12	Combination	57.553	-17.366	0.000	0.0000	0.0000
32	0.25000	COMB12	Combination	57.553	-16.585	0.000	0.0000	0.0000
32	0.00000	COMB13	Combination	-17.475	-5.982	0.000	0.0000	0.0000
32	0.12500	COMB13	Combination	-17.475	-5.200	0.000	0.0000	0.0000
32	0.12500	COMB13	Combination	-17.475	-5.200	0.000	0.0000	0.0000
32	0.25000	COMB13	Combination	-17.475	-4.419	0.000	0.0000	0.0000
33	0.00000	COMB1	Combination	127.153	-54.785	0.000	0.0000	0.0000
33	0.12500	COMB1	Combination	127.153	-53.730	0.000	0.0000	0.0000
33	0.12500	COMB1	Combination	127.153	-53.730	0.000	0.0000	0.0000
33	0.25000	COMB1	Combination	127.153	-52.676	0.000	0.0000	0.0000
33	0.00000	COMB2	Combination	20.507	-44.712	0.000	0.0000	0.0000
33	0.12500	COMB2	Combination	20.507	-40.844	0.000	0.0000	0.0000



Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
33	0.12500	COMB2	Combination	20.507	-40.844	0.000	0.0000	0.0000
33	0.25000	COMB2	Combination	20.507	-36.977	0.000	0.0000	0.0000
33	0.00000	COMB3	Combination	13.762	-39.517	0.000	0.0000	0.0000
33	0.12500	COMB3	Combination	13.762	-35.649	0.000	0.0000	0.0000
33	0.12500	COMB3	Combination	13.762	-35.649	0.000	0.0000	0.0000
33	0.25000	COMB3	Combination	13.762	-31.782	0.000	0.0000	0.0000
33	0.00000	COMB4	Combination	77.694	-29.525	0.000	0.0000	0.0000
33	0.12500	COMB4	Combination	77.694	-28.471	0.000	0.0000	0.0000
33	0.12500	COMB4	Combination	77.694	-28.471	0.000	0.0000	0.0000
33	0.25000	COMB4	Combination	77.694	-27.416	0.000	0.0000	0.0000
33	0.00000	COMB5	Combination	83.560	-30.689	0.000	0.0000	0.0000
33	0.12500	COMB5	Combination	83.560	-29.634	0.000	0.0000	0.0000
33	0.12500	COMB5	Combination	83.560	-29.634	0.000	0.0000	0.0000
33	0.25000	COMB5	Combination	83.560	-28.579	0.000	0.0000	0.0000
33	0.00000	COMB6	Combination	13.705	-12.408	0.000	0.0000	0.0000
33	0.12500	COMB6	Combination	13.705	-11.626	0.000	0.0000	0.0000
33	0.12500	COMB6	Combination	13.939	-11.685	0.000	0.0000	0.0000
33	0.25000	COMB6	Combination	13.939	-10.904	0.000	0.0000	0.0000
33	0.00000	COMB7	Combination	10.290	-45.020	0.000	0.0000	0.0000
33	0.12500	COMB7	Combination	10.290	-44.239	0.000	0.0000	0.0000
33	0.12500	COMB7	Combination	10.524	14.261	0.000	0.0000	0.0000
33	0.25000	COMB7	Combination	10.524	15.042	0.000	0.0000	0.0000
33	0.00000	COMB8	Combination	11.532	-48.805	0.000	0.0000	0.0000
33	0.12500	COMB8	Combination	11.532	-48.023	0.000	0.0000	0.0000
33	0.12500	COMB8	Combination	11.766	10.477	0.000	0.0000	0.0000
33	0.25000	COMB8	Combination	11.766	11.258	0.000	0.0000	0.0000
33	0.00000	COMB9	Combination	76.488	-44.340	0.000	0.0000	0.0000
33	0.12500	COMB9	Combination	76.488	-43.559	0.000	0.0000	0.0000
33	0.12500	COMB9	Combination	76.488	-43.559	0.000	0.0000	0.0000
33	0.25000	COMB9	Combination	76.488	-42.778	0.000	0.0000	0.0000
33	0.00000	COMB10	Combination	70.735	-39.909	0.000	0.0000	0.0000
33	0.12500	COMB10	Combination	70.735	-39.128	0.000	0.0000	0.0000
33	0.12500	COMB10	Combination	70.735	-39.128	0.000	0.0000	0.0000
33	0.25000	COMB10	Combination	70.735	-38.347	0.000	0.0000	0.0000
33	0.00000	COMB11	Combination	14.438	-33.867	0.000	0.0000	0.0000
33	0.12500	COMB11	Combination	14.438	-31.210	0.000	0.0000	0.0000
33	0.12500	COMB11	Combination	14.438	-31.210	0.000	0.0000	0.0000
33	0.25000	COMB11	Combination	14.438	-28.554	0.000	0.0000	0.0000
33	0.00000	COMB12	Combination	57.553	-21.878	0.000	0.0000	0.0000
33	0.12500	COMB12	Combination	57.553	-21.096	0.000	0.0000	0.0000
33	0.12500	COMB12	Combination	57.553	-21.096	0.000	0.0000	0.0000
33	0.25000	COMB12	Combination	57.553	-20.315	0.000	0.0000	0.0000
33	0.00000	COMB13	Combination	-17.475	-9.163	0.000	0.0000	0.0000
33	0.12500	COMB13	Combination	-17.475	-8.382	0.000	0.0000	0.0000
33	0.12500	COMB13	Combination	-17.475	-8.382	0.000	0.0000	0.0000
33	0.25000	COMB13	Combination	-17.475	-7.601	0.000	0.0000	0.0000
34	0.00000	COMB1	Combination	127.153	-72.983	0.000	0.0000	0.0000
34	0.12500	COMB1	Combination	127.153	-71.928	0.000	0.0000	0.0000
34	0.12500	COMB1	Combination	127.153	-71.928	0.000	0.0000	0.0000
34	0.25000	COMB1	Combination	127.153	-70.873	0.000	0.0000	0.0000
34	0.00000	COMB2	Combination	20.507	-64.426	0.000	0.0000	0.0000
34	0.12500	COMB2	Combination	20.507	-60.559	0.000	0.0000	0.0000
34	0.12500	COMB2	Combination	20.507	-60.559	0.000	0.0000	0.0000
34	0.25000	COMB2	Combination	20.507	-56.691	0.000	0.0000	0.0000
34	0.00000	COMB3	Combination	13.762	-56.670	0.000	0.0000	0.0000
34	0.12500	COMB3	Combination	13.762	-52.803	0.000	0.0000	0.0000
34	0.12500	COMB3	Combination	13.762	-52.803	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
34	0.25000	COMB3	Combination	13.762	-48.936	0.000	0.0000	0.0000
34	0.00000	COMB4	Combination	77.694	-35.199	0.000	0.0000	0.0000
34	0.12500	COMB4	Combination	77.694	-34.145	0.000	0.0000	0.0000
34	0.12500	COMB4	Combination	77.694	-34.145	0.000	0.0000	0.0000
34	0.25000	COMB4	Combination	77.694	-33.090	0.000	0.0000	0.0000
34	0.00000	COMB5	Combination	83.560	-36.955	0.000	0.0000	0.0000
34	0.12500	COMB5	Combination	83.560	-35.901	0.000	0.0000	0.0000
34	0.12500	COMB5	Combination	83.560	-35.901	0.000	0.0000	0.0000
34	0.25000	COMB5	Combination	83.560	-34.846	0.000	0.0000	0.0000
34	0.00000	COMB6	Combination	13.939	-15.776	0.000	0.0000	0.0000
34	0.12500	COMB6	Combination	13.939	-14.995	0.000	0.0000	0.0000
34	0.12500	COMB6	Combination	14.173	-15.053	0.000	0.0000	0.0000
34	0.25000	COMB6	Combination	14.173	-14.272	0.000	0.0000	0.0000
34	0.00000	COMB7	Combination	10.524	-49.873	0.000	0.0000	0.0000
34	0.12500	COMB7	Combination	10.524	-49.091	0.000	0.0000	0.0000
34	0.12500	COMB7	Combination	10.758	9.409	0.000	0.0000	0.0000
34	0.25000	COMB7	Combination	10.758	10.190	0.000	0.0000	0.0000
34	0.00000	COMB8	Combination	11.766	-55.471	0.000	0.0000	0.0000
34	0.12500	COMB8	Combination	11.766	-54.689	0.000	0.0000	0.0000
34	0.12500	COMB8	Combination	12.000	3.811	0.000	0.0000	0.0000
34	0.25000	COMB8	Combination	12.000	4.592	0.000	0.0000	0.0000
34	0.00000	COMB9	Combination	76.488	-59.517	0.000	0.0000	0.0000
34	0.12500	COMB9	Combination	76.488	-58.736	0.000	0.0000	0.0000
34	0.12500	COMB9	Combination	76.488	-58.736	0.000	0.0000	0.0000
34	0.25000	COMB9	Combination	76.488	-57.954	0.000	0.0000	0.0000
34	0.00000	COMB10	Combination	70.735	-52.902	0.000	0.0000	0.0000
34	0.12500	COMB10	Combination	70.735	-52.121	0.000	0.0000	0.0000
34	0.12500	COMB10	Combination	70.735	-52.121	0.000	0.0000	0.0000
34	0.25000	COMB10	Combination	70.735	-51.339	0.000	0.0000	0.0000
34	0.00000	COMB11	Combination	14.438	-48.922	0.000	0.0000	0.0000
34	0.12500	COMB11	Combination	14.438	-46.266	0.000	0.0000	0.0000
34	0.12500	COMB11	Combination	14.438	-46.266	0.000	0.0000	0.0000
34	0.25000	COMB11	Combination	14.438	-43.609	0.000	0.0000	0.0000
34	0.00000	COMB12	Combination	57.553	-26.084	0.000	0.0000	0.0000
34	0.12500	COMB12	Combination	57.553	-25.303	0.000	0.0000	0.0000
34	0.12500	COMB12	Combination	57.553	-25.303	0.000	0.0000	0.0000
34	0.25000	COMB12	Combination	57.553	-24.521	0.000	0.0000	0.0000
34	0.00000	COMB13	Combination	-17.475	-13.016	0.000	0.0000	0.0000
34	0.12500	COMB13	Combination	-17.475	-12.235	0.000	0.0000	0.0000
34	0.12500	COMB13	Combination	-17.475	-12.235	0.000	0.0000	0.0000
34	0.25000	COMB13	Combination	-17.475	-11.454	0.000	0.0000	0.0000
35	0.00000	COMB1	Combination	127.153	-95.284	0.000	0.0000	0.0000
35	0.12500	COMB1	Combination	127.153	-94.229	0.000	0.0000	0.0000
35	0.12500	COMB1	Combination	127.153	-94.229	0.000	0.0000	0.0000
35	0.25000	COMB1	Combination	127.153	-93.174	0.000	0.0000	0.0000
35	0.00000	COMB2	Combination	20.507	-89.072	0.000	0.0000	0.0000
35	0.12500	COMB2	Combination	20.507	-85.205	0.000	0.0000	0.0000
35	0.12500	COMB2	Combination	20.507	-85.205	0.000	0.0000	0.0000
35	0.25000	COMB2	Combination	20.507	-81.338	0.000	0.0000	0.0000
35	0.00000	COMB3	Combination	13.762	-78.083	0.000	0.0000	0.0000
35	0.12500	COMB3	Combination	13.762	-74.216	0.000	0.0000	0.0000
35	0.12500	COMB3	Combination	13.762	-74.216	0.000	0.0000	0.0000
35	0.25000	COMB3	Combination	13.762	-70.349	0.000	0.0000	0.0000
35	0.00000	COMB4	Combination	77.694	-41.641	0.000	0.0000	0.0000
35	0.12500	COMB4	Combination	77.694	-40.587	0.000	0.0000	0.0000
35	0.12500	COMB4	Combination	77.694	-40.587	0.000	0.0000	0.0000
35	0.25000	COMB4	Combination	77.694	-39.532	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
35	0.00000	COMB5	Combination	83.560	-44.158	0.000	0.0000	0.0000
35	0.12500	COMB5	Combination	83.560	-43.103	0.000	0.0000	0.0000
35	0.12500	COMB5	Combination	83.560	-43.103	0.000	0.0000	0.0000
35	0.25000	COMB5	Combination	83.560	-42.048	0.000	0.0000	0.0000
35	0.00000	COMB6	Combination	14.173	-19.754	0.000	0.0000	0.0000
35	0.12500	COMB6	Combination	14.173	-18.973	0.000	0.0000	0.0000
35	0.12500	COMB6	Combination	14.407	-19.032	0.000	0.0000	0.0000
35	0.25000	COMB6	Combination	14.407	-18.250	0.000	0.0000	0.0000
35	0.00000	COMB7	Combination	10.758	-55.629	0.000	0.0000	0.0000
35	0.12500	COMB7	Combination	10.758	-54.848	0.000	0.0000	0.0000
35	0.12500	COMB7	Combination	10.992	3.652	0.000	0.0000	0.0000
35	0.25000	COMB7	Combination	10.992	4.433	0.000	0.0000	0.0000
35	0.00000	COMB8	Combination	12.000	-63.488	0.000	0.0000	0.0000
35	0.12500	COMB8	Combination	12.000	-62.707	0.000	0.0000	0.0000
35	0.12500	COMB8	Combination	12.234	-4.207	0.000	0.0000	0.0000
35	0.25000	COMB8	Combination	12.234	-3.425	0.000	0.0000	0.0000
35	0.00000	COMB9	Combination	76.488	-78.086	0.000	0.0000	0.0000
35	0.12500	COMB9	Combination	76.488	-77.304	0.000	0.0000	0.0000
35	0.12500	COMB9	Combination	76.488	-77.304	0.000	0.0000	0.0000
35	0.25000	COMB9	Combination	76.488	-76.523	0.000	0.0000	0.0000
35	0.00000	COMB10	Combination	70.735	-68.713	0.000	0.0000	0.0000
35	0.12500	COMB10	Combination	70.735	-67.931	0.000	0.0000	0.0000
35	0.12500	COMB10	Combination	70.735	-67.931	0.000	0.0000	0.0000
35	0.25000	COMB10	Combination	70.735	-67.150	0.000	0.0000	0.0000
35	0.00000	COMB11	Combination	14.438	-67.738	0.000	0.0000	0.0000
35	0.12500	COMB11	Combination	14.438	-65.082	0.000	0.0000	0.0000
35	0.12500	COMB11	Combination	14.438	-65.082	0.000	0.0000	0.0000
35	0.25000	COMB11	Combination	14.438	-62.425	0.000	0.0000	0.0000
35	0.00000	COMB12	Combination	57.553	-30.860	0.000	0.0000	0.0000
35	0.12500	COMB12	Combination	57.553	-30.079	0.000	0.0000	0.0000
35	0.12500	COMB12	Combination	57.553	-30.079	0.000	0.0000	0.0000
35	0.25000	COMB12	Combination	57.553	-29.297	0.000	0.0000	0.0000
35	0.00000	COMB13	Combination	-17.475	-17.715	0.000	0.0000	0.0000
35	0.12500	COMB13	Combination	-17.475	-16.934	0.000	0.0000	0.0000
35	0.12500	COMB13	Combination	-17.475	-16.934	0.000	0.0000	0.0000
35	0.25000	COMB13	Combination	-17.475	-16.153	0.000	0.0000	0.0000
36	0.00000	COMB1	Combination	127.153	-122.266	0.000	0.0000	0.0000
36	0.12500	COMB1	Combination	127.153	-121.211	0.000	0.0000	0.0000
36	0.12500	COMB1	Combination	127.153	-121.211	0.000	0.0000	0.0000
36	0.25000	COMB1	Combination	127.153	-120.157	0.000	0.0000	0.0000
36	0.00000	COMB2	Combination	20.507	-119.477	0.000	0.0000	0.0000
36	0.12500	COMB2	Combination	20.507	-115.610	0.000	0.0000	0.0000
36	0.12500	COMB2	Combination	20.507	-115.610	0.000	0.0000	0.0000
36	0.25000	COMB2	Combination	20.507	-111.742	0.000	0.0000	0.0000
36	0.00000	COMB3	Combination	13.762	-104.465	0.000	0.0000	0.0000
36	0.12500	COMB3	Combination	13.762	-100.598	0.000	0.0000	0.0000
36	0.12500	COMB3	Combination	13.762	-100.598	0.000	0.0000	0.0000
36	0.25000	COMB3	Combination	13.762	-96.730	0.000	0.0000	0.0000
36	0.00000	COMB4	Combination	77.694	-48.847	0.000	0.0000	0.0000
36	0.12500	COMB4	Combination	77.694	-47.793	0.000	0.0000	0.0000
36	0.12500	COMB4	Combination	77.694	-47.793	0.000	0.0000	0.0000
36	0.25000	COMB4	Combination	77.694	-46.738	0.000	0.0000	0.0000
36	0.00000	COMB5	Combination	83.560	-52.322	0.000	0.0000	0.0000
36	0.12500	COMB5	Combination	83.560	-51.267	0.000	0.0000	0.0000
36	0.12500	COMB5	Combination	83.560	-51.267	0.000	0.0000	0.0000
36	0.25000	COMB5	Combination	83.560	-50.213	0.000	0.0000	0.0000
36	0.00000	COMB6	Combination	14.407	-24.404	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
36	0.12500	COMB6	Combination	14.407	-23.623	0.000	0.0000	0.0000
36	0.12500	COMB6	Combination	14.641	-23.681	0.000	0.0000	0.0000
36	0.25000	COMB6	Combination	14.641	-22.900	0.000	0.0000	0.0000
36	0.00000	COMB7	Combination	10.992	-62.393	0.000	0.0000	0.0000
36	0.12500	COMB7	Combination	10.992	-61.612	0.000	0.0000	0.0000
36	0.12500	COMB7	Combination	11.226	-3.112	0.000	0.0000	0.0000
36	0.25000	COMB7	Combination	11.226	-2.331	0.000	0.0000	0.0000
36	0.00000	COMB8	Combination	12.234	-73.032	0.000	0.0000	0.0000
36	0.12500	COMB8	Combination	12.234	-72.251	0.000	0.0000	0.0000
36	0.12500	COMB8	Combination	12.468	-13.751	0.000	0.0000	0.0000
36	0.25000	COMB8	Combination	12.468	-12.969	0.000	0.0000	0.0000
36	0.00000	COMB9	Combination	76.488	-100.526	0.000	0.0000	0.0000
36	0.12500	COMB9	Combination	76.488	-99.745	0.000	0.0000	0.0000
36	0.12500	COMB9	Combination	76.488	-99.745	0.000	0.0000	0.0000
36	0.25000	COMB9	Combination	76.488	-98.963	0.000	0.0000	0.0000
36	0.00000	COMB10	Combination	70.735	-87.722	0.000	0.0000	0.0000
36	0.12500	COMB10	Combination	70.735	-86.940	0.000	0.0000	0.0000
36	0.12500	COMB10	Combination	70.735	-86.940	0.000	0.0000	0.0000
36	0.25000	COMB10	Combination	70.735	-86.159	0.000	0.0000	0.0000
36	0.00000	COMB11	Combination	14.438	-90.944	0.000	0.0000	0.0000
36	0.12500	COMB11	Combination	14.438	-88.288	0.000	0.0000	0.0000
36	0.12500	COMB11	Combination	14.438	-88.288	0.000	0.0000	0.0000
36	0.25000	COMB11	Combination	14.438	-85.632	0.000	0.0000	0.0000
36	0.00000	COMB12	Combination	57.553	-36.203	0.000	0.0000	0.0000
36	0.12500	COMB12	Combination	57.553	-35.422	0.000	0.0000	0.0000
36	0.12500	COMB12	Combination	57.553	-35.422	0.000	0.0000	0.0000
36	0.25000	COMB12	Combination	57.553	-34.640	0.000	0.0000	0.0000
36	0.00000	COMB13	Combination	-17.475	-23.389	0.000	0.0000	0.0000
36	0.12500	COMB13	Combination	-17.475	-22.608	0.000	0.0000	0.0000
36	0.12500	COMB13	Combination	-17.475	-22.608	0.000	0.0000	0.0000
36	0.25000	COMB13	Combination	-17.475	-21.826	0.000	0.0000	0.0000
37	0.00000	COMB1	Combination	127.153	-154.147	0.000	0.0000	0.0000
37	0.12500	COMB1	Combination	127.153	-153.093	0.000	0.0000	0.0000
37	0.12500	COMB1	Combination	127.153	-153.093	0.000	0.0000	0.0000
37	0.25000	COMB1	Combination	127.153	-152.038	0.000	0.0000	0.0000
37	0.00000	COMB2	Combination	20.507	-156.142	0.000	0.0000	0.0000
37	0.12500	COMB2	Combination	20.507	-152.275	0.000	0.0000	0.0000
37	0.12500	COMB2	Combination	20.507	-152.275	0.000	0.0000	0.0000
37	0.25000	COMB2	Combination	20.507	-148.408	0.000	0.0000	0.0000
37	0.00000	COMB3	Combination	13.762	-136.243	0.000	0.0000	0.0000
37	0.12500	COMB3	Combination	13.762	-132.376	0.000	0.0000	0.0000
37	0.12500	COMB3	Combination	13.762	-132.376	0.000	0.0000	0.0000
37	0.25000	COMB3	Combination	13.762	-128.509	0.000	0.0000	0.0000
37	0.00000	COMB4	Combination	77.694	-56.658	0.000	0.0000	0.0000
37	0.12500	COMB4	Combination	77.694	-55.603	0.000	0.0000	0.0000
37	0.12500	COMB4	Combination	77.694	-55.603	0.000	0.0000	0.0000
37	0.25000	COMB4	Combination	77.694	-54.549	0.000	0.0000	0.0000
37	0.00000	COMB5	Combination	83.560	-61.309	0.000	0.0000	0.0000
37	0.12500	COMB5	Combination	83.560	-60.254	0.000	0.0000	0.0000
37	0.12500	COMB5	Combination	83.560	-60.254	0.000	0.0000	0.0000
37	0.25000	COMB5	Combination	83.560	-59.200	0.000	0.0000	0.0000
37	0.00000	COMB6	Combination	14.641	-29.714	0.000	0.0000	0.0000
37	0.12500	COMB6	Combination	14.641	-28.933	0.000	0.0000	0.0000
37	0.12500	COMB6	Combination	14.875	-28.991	0.000	0.0000	0.0000
37	0.25000	COMB6	Combination	14.875	-28.210	0.000	0.0000	0.0000
37	0.00000	COMB7	Combination	11.226	-70.168	0.000	0.0000	0.0000
37	0.12500	COMB7	Combination	11.226	-69.387	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
37	0.12500	COMB7	Combination	11.460	-10.887	0.000	0.0000	0.0000
37	0.25000	COMB7	Combination	11.460	-10.106	0.000	0.0000	0.0000
37	0.00000	COMB8	Combination	12.468	-84.151	0.000	0.0000	0.0000
37	0.12500	COMB8	Combination	12.468	-83.370	0.000	0.0000	0.0000
37	0.12500	COMB8	Combination	12.702	-24.870	0.000	0.0000	0.0000
37	0.25000	COMB8	Combination	12.702	-24.089	0.000	0.0000	0.0000
37	0.00000	COMB9	Combination	76.488	-127.022	0.000	0.0000	0.0000
37	0.12500	COMB9	Combination	76.488	-126.240	0.000	0.0000	0.0000
37	0.12500	COMB9	Combination	76.488	-126.240	0.000	0.0000	0.0000
37	0.25000	COMB9	Combination	76.488	-125.459	0.000	0.0000	0.0000
37	0.00000	COMB10	Combination	70.735	-110.049	0.000	0.0000	0.0000
37	0.12500	COMB10	Combination	70.735	-109.268	0.000	0.0000	0.0000
37	0.12500	COMB10	Combination	70.735	-109.268	0.000	0.0000	0.0000
37	0.25000	COMB10	Combination	70.735	-108.487	0.000	0.0000	0.0000
37	0.00000	COMB11	Combination	14.438	-118.924	0.000	0.0000	0.0000
37	0.12500	COMB11	Combination	14.438	-116.267	0.000	0.0000	0.0000
37	0.12500	COMB11	Combination	14.438	-116.267	0.000	0.0000	0.0000
37	0.25000	COMB11	Combination	14.438	-113.611	0.000	0.0000	0.0000
37	0.00000	COMB12	Combination	57.553	-41.995	0.000	0.0000	0.0000
37	0.12500	COMB12	Combination	57.553	-41.213	0.000	0.0000	0.0000
37	0.12500	COMB12	Combination	57.553	-41.213	0.000	0.0000	0.0000
37	0.25000	COMB12	Combination	57.553	-40.432	0.000	0.0000	0.0000
37	0.00000	COMB13	Combination	-17.475	-30.101	0.000	0.0000	0.0000
37	0.12500	COMB13	Combination	-17.475	-29.320	0.000	0.0000	0.0000
37	0.12500	COMB13	Combination	-17.475	-29.320	0.000	0.0000	0.0000
37	0.25000	COMB13	Combination	-17.475	-28.539	0.000	0.0000	0.0000
38	0.00000	COMB1	Combination	127.153	-190.682	0.000	0.0000	0.0000
38	0.12500	COMB1	Combination	127.153	-189.627	0.000	0.0000	0.0000
38	0.12500	COMB1	Combination	127.153	-189.627	0.000	0.0000	0.0000
38	0.25000	COMB1	Combination	127.153	-188.573	0.000	0.0000	0.0000
38	0.00000	COMB2	Combination	20.507	-199.128	0.000	0.0000	0.0000
38	0.12500	COMB2	Combination	20.507	-195.261	0.000	0.0000	0.0000
38	0.12500	COMB2	Combination	20.507	-195.261	0.000	0.0000	0.0000
38	0.25000	COMB2	Combination	20.507	-191.394	0.000	0.0000	0.0000
38	0.00000	COMB3	Combination	13.762	-173.461	0.000	0.0000	0.0000
38	0.12500	COMB3	Combination	13.762	-169.594	0.000	0.0000	0.0000
38	0.12500	COMB3	Combination	13.762	-169.594	0.000	0.0000	0.0000
38	0.25000	COMB3	Combination	13.762	-165.727	0.000	0.0000	0.0000
38	0.00000	COMB4	Combination	77.694	-64.730	0.000	0.0000	0.0000
38	0.12500	COMB4	Combination	77.694	-63.676	0.000	0.0000	0.0000
38	0.12500	COMB4	Combination	77.694	-63.676	0.000	0.0000	0.0000
38	0.25000	COMB4	Combination	77.694	-62.621	0.000	0.0000	0.0000
38	0.00000	COMB5	Combination	83.560	-70.784	0.000	0.0000	0.0000
38	0.12500	COMB5	Combination	83.560	-69.729	0.000	0.0000	0.0000
38	0.12500	COMB5	Combination	83.560	-69.729	0.000	0.0000	0.0000
38	0.25000	COMB5	Combination	83.560	-68.674	0.000	0.0000	0.0000
38	0.00000	COMB6	Combination	14.875	-35.582	0.000	0.0000	0.0000
38	0.12500	COMB6	Combination	14.875	-34.801	0.000	0.0000	0.0000
38	0.12500	COMB6	Combination	15.109	-34.859	0.000	0.0000	0.0000
38	0.25000	COMB6	Combination	15.109	-34.078	0.000	0.0000	0.0000
38	0.00000	COMB7	Combination	11.460	-78.836	0.000	0.0000	0.0000
38	0.12500	COMB7	Combination	11.460	-78.054	0.000	0.0000	0.0000
38	0.12500	COMB7	Combination	11.694	-19.554	0.000	0.0000	0.0000
38	0.25000	COMB7	Combination	11.694	-18.773	0.000	0.0000	0.0000
38	0.00000	COMB8	Combination	12.702	-96.730	0.000	0.0000	0.0000
38	0.12500	COMB8	Combination	12.702	-95.949	0.000	0.0000	0.0000
38	0.12500	COMB8	Combination	12.936	-37.449	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
38	0.25000	COMB8	Combination	12.936	-36.668	0.000	0.0000	0.0000
38	0.00000	COMB9	Combination	76.488	-157.375	0.000	0.0000	0.0000
38	0.12500	COMB9	Combination	76.488	-156.594	0.000	0.0000	0.0000
38	0.12500	COMB9	Combination	76.488	-156.594	0.000	0.0000	0.0000
38	0.25000	COMB9	Combination	76.488	-155.813	0.000	0.0000	0.0000
38	0.00000	COMB10	Combination	70.735	-135.483	0.000	0.0000	0.0000
38	0.12500	COMB10	Combination	70.735	-134.701	0.000	0.0000	0.0000
38	0.12500	COMB10	Combination	70.735	-134.701	0.000	0.0000	0.0000
38	0.25000	COMB10	Combination	70.735	-133.920	0.000	0.0000	0.0000
38	0.00000	COMB11	Combination	14.438	-151.720	0.000	0.0000	0.0000
38	0.12500	COMB11	Combination	14.438	-149.063	0.000	0.0000	0.0000
38	0.12500	COMB11	Combination	14.438	-149.063	0.000	0.0000	0.0000
38	0.25000	COMB11	Combination	14.438	-146.407	0.000	0.0000	0.0000
38	0.00000	COMB12	Combination	57.553	-47.982	0.000	0.0000	0.0000
38	0.12500	COMB12	Combination	57.553	-47.200	0.000	0.0000	0.0000
38	0.12500	COMB12	Combination	57.553	-47.200	0.000	0.0000	0.0000
38	0.25000	COMB12	Combination	57.553	-46.419	0.000	0.0000	0.0000
38	0.00000	COMB13	Combination	-17.475	-37.830	0.000	0.0000	0.0000
38	0.12500	COMB13	Combination	-17.475	-37.049	0.000	0.0000	0.0000
38	0.12500	COMB13	Combination	-17.475	-37.049	0.000	0.0000	0.0000
38	0.25000	COMB13	Combination	-17.475	-36.268	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 2 of 2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
1	0.00000	COMB1	102.2282	1-1	0.00000
1	0.87500	COMB1	91.2526	1-1	0.87500
1	0.87500	COMB1	91.2526	1-1	0.87500
1	1.75000	COMB1	112.1324	1-1	1.75000
1	0.00000	COMB2	83.4502	1-1	0.00000
1	0.87500	COMB2	102.1007	1-1	0.87500
1	0.87500	COMB2	102.1007	1-1	0.87500
1	1.75000	COMB2	125.6418	1-1	1.75000
1	0.00000	COMB3	73.0948	1-1	0.00000
1	0.87500	COMB3	86.4130	1-1	0.87500
1	0.87500	COMB3	86.4130	1-1	0.87500
1	1.75000	COMB3	104.6218	1-1	1.75000
1	0.00000	COMB4	52.2619	1-1	0.00000
1	0.87500	COMB4	11.8041	1-1	0.87500
1	0.87500	COMB4	11.8041	1-1	0.87500
1	1.75000	COMB4	16.7056	1-1	1.75000
1	0.00000	COMB5	54.4781	1-1	0.00000
1	0.87500	COMB5	16.1649	1-1	0.87500
1	0.87500	COMB5	16.1649	1-1	0.87500
1	1.75000	COMB5	19.7099	1-1	1.75000
1	0.00000	COMB6	22.6541	1-1	0.00000
1	0.87500	COMB6	8.8513	1-1	0.87500
1	0.87500	COMB6	8.8513	1-1	0.87500
1	1.75000	COMB6	10.3069	1-1	1.75000
1	0.00000	COMB7	28.3057	1-1	0.00000
1	0.87500	COMB7	11.8037	1-1	0.87500
1	0.87500	COMB7	11.8037	1-1	0.87500
1	1.75000	COMB7	10.5600	1-1	1.75000
1	0.00000	COMB8	36.1180	1-1	0.00000
1	0.87500	COMB8	20.5979	1-1	0.87500

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
1	0.87500	COMB8	20.5979	1-1	0.87500
1	1.75000	COMB8	20.3361	1-1	1.75000
1	0.00000	COMB9	84.0362	1-1	0.00000
1	0.87500	COMB9	71.5313	1-1	0.87500
1	0.87500	COMB9	71.5313	1-1	0.87500
1	1.75000	COMB9	96.1269	1-1	1.75000
1	0.00000	COMB10	75.2037	1-1	0.00000
1	0.87500	COMB10	58.1507	1-1	0.87500
1	0.87500	COMB10	58.1507	1-1	0.87500
1	1.75000	COMB10	78.1981	1-1	1.75000
1	0.00000	COMB11	63.8265	1-1	0.00000
1	0.87500	COMB11	77.5783	1-1	0.87500
1	0.87500	COMB11	77.5783	1-1	0.87500
1	1.75000	COMB11	95.5908	1-1	1.75000
1	0.00000	COMB12	38.7270	1-1	0.00000
1	0.87500	COMB12	8.7601	1-1	0.87500
1	0.87500	COMB12	8.7601	1-1	0.87500
1	1.75000	COMB12	12.3926	1-1	1.75000
1	0.00000	COMB13	18.1400	1-1	0.00000
1	0.87500	COMB13	11.4492	1-1	0.87500
1	0.87500	COMB13	11.4492	1-1	0.87500
1	1.75000	COMB13	14.7613	1-1	1.75000
2	0.00000	COMB1	-112.1324	2-1	0.00000
2	0.42500	COMB1	-35.6873	2-1	0.42500
2	0.85000	COMB1	35.8850	2-1	0.85000
2	1.27500	COMB1	98.7492	2-1	1.27500
2	1.70000	COMB1	136.4520	2-1	1.70000
2	2.12500	COMB1	147.1142	2-1	2.12500
2	2.12500	COMB1	147.1142	2-1	2.12500
2	2.55000	COMB1	130.7358	2-1	2.55000
2	2.97500	COMB1	87.3167	2-1	2.97500
2	3.40000	COMB1	18.7362	2-1	3.40000
2	3.82500	COMB1	-58.5523	2-1	3.82500
2	4.25000	COMB1	-140.7137	2-1	4.25000
2	0.00000	COMB2	-125.6418	2-1	0.00000
2	0.42500	COMB2	-46.3385	2-1	0.42500
2	0.85000	COMB2	28.0919	2-1	0.85000
2	1.27500	COMB2	93.8142	2-1	1.27500
2	1.70000	COMB2	134.3752	2-1	1.70000
2	2.12500	COMB2	147.8955	2-1	2.12500
2	2.12500	COMB2	147.8955	2-1	2.12500
2	2.55000	COMB2	134.3752	2-1	2.55000
2	2.97500	COMB2	93.8142	2-1	2.97500
2	3.40000	COMB2	28.0919	2-1	3.40000
2	3.82500	COMB2	-46.3385	2-1	3.82500
2	4.25000	COMB2	-125.6418	2-1	4.25000
2	0.00000	COMB3	-104.6218	2-1	0.00000
2	0.42500	COMB3	-37.2815	2-1	0.42500
2	0.85000	COMB3	24.6333	2-1	0.85000
2	1.27500	COMB3	78.2532	2-1	1.27500
2	1.70000	COMB3	111.2687	2-1	1.70000
2	2.12500	COMB3	122.2739	2-1	2.12500
2	2.12500	COMB3	122.2739	2-1	2.12500
2	2.55000	COMB3	111.2687	2-1	2.55000
2	2.97500	COMB3	78.2532	2-1	2.97500
2	3.40000	COMB3	24.6333	2-1	3.40000
2	3.82500	COMB3	-37.2815	2-1	3.82500

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
2	4.25000	COMB3	-104.6218	2-1	4.25000
2	0.00000	COMB4	-16.7056	2-1	0.00000
2	0.42500	COMB4	2.3639	2-1	0.42500
2	0.85000	COMB4	16.5606	2-1	0.85000
2	1.27500	COMB4	25.8845	2-1	1.27500
2	1.70000	COMB4	30.3356	2-1	1.70000
2	2.12500	COMB4	29.9139	2-1	2.12500
2	2.12500	COMB4	29.9139	2-1	2.12500
2	2.55000	COMB4	24.6194	2-1	2.55000
2	2.97500	COMB4	14.4520	2-1	2.97500
2	3.40000	COMB4	-0.5881	2-1	3.40000
2	3.82500	COMB4	-20.5011	2-1	3.82500
2	4.25000	COMB4	-45.2869	2-1	4.25000
2	0.00000	COMB5	-19.7099	2-1	0.00000
2	0.42500	COMB5	1.8468	2-1	0.42500
2	0.85000	COMB5	17.9780	2-1	0.85000
2	1.27500	COMB5	28.6837	2-1	1.27500
2	1.70000	COMB5	33.9639	2-1	1.70000
2	2.12500	COMB5	33.8185	2-1	2.12500
2	2.12500	COMB5	33.8185	2-1	2.12500
2	2.55000	COMB5	28.2476	2-1	2.55000
2	2.97500	COMB5	17.2512	2-1	2.97500
2	3.40000	COMB5	0.8293	2-1	3.40000
2	3.82500	COMB5	-21.0182	2-1	3.82500
2	4.25000	COMB5	-48.2912	2-1	4.25000
2	0.00000	COMB6	-10.3069	2-1	0.00000
2	0.42500	COMB6	-0.5836	2-1	0.42500
2	0.85000	COMB6	6.7464	2-1	0.85000
2	1.27500	COMB6	11.6831	2-1	1.27500
2	1.70000	COMB6	14.2266	2-1	1.70000
2	2.12500	COMB6	14.3768	2-1	2.12500
2	2.12500	COMB6	14.3768	2-1	2.12500
2	2.55000	COMB6	12.5565	2-1	2.55000
2	2.97500	COMB6	8.3430	2-1	2.97500
2	3.40000	COMB6	1.7362	2-1	3.40000
2	3.82500	COMB6	-7.2639	2-1	3.82500
2	4.25000	COMB6	-18.6572	2-1	4.25000
2	0.00000	COMB7	-10.5600	2-1	0.00000
2	0.42500	COMB7	-0.4139	2-1	0.42500
2	0.85000	COMB7	7.3390	2-1	0.85000
2	1.27500	COMB7	12.6986	2-1	1.27500
2	1.70000	COMB7	15.6650	2-1	1.70000
2	2.12500	COMB7	16.2380	2-1	2.12500
2	2.12500	COMB7	16.2380	2-1	2.12500
2	2.55000	COMB7	13.9949	2-1	2.55000
2	2.97500	COMB7	9.3585	2-1	2.97500
2	3.40000	COMB7	2.3289	2-1	3.40000
2	3.82500	COMB7	-7.0941	2-1	3.82500
2	4.25000	COMB7	-18.9103	2-1	4.25000
2	0.00000	COMB8	-20.3361	2-1	0.00000
2	0.42500	COMB8	-2.8746	2-1	0.42500
2	0.85000	COMB8	10.5680	2-1	0.85000
2	1.27500	COMB8	19.9917	2-1	1.27500
2	1.70000	COMB8	25.3965	2-1	1.70000
2	2.12500	COMB8	26.7823	2-1	2.12500
2	2.12500	COMB8	26.7823	2-1	2.12500
2	2.55000	COMB8	23.7264	2-1	2.55000



Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
2	2.97500	COMB8	16.6516	2-1	2.97500
2	3.40000	COMB8	5.5578	2-1	3.40000
2	3.82500	COMB8	-9.5548	2-1	3.82500
2	4.25000	COMB8	-28.6863	2-1	4.25000
2	0.00000	COMB9	-96.1269	2-1	0.00000
2	0.42500	COMB9	-32.3076	2-1	0.42500
2	0.85000	COMB9	27.7203	2-1	0.85000
2	1.27500	COMB9	80.6899	2-1	1.27500
2	1.70000	COMB9	112.5853	2-1	1.70000
2	2.12500	COMB9	121.8057	2-1	2.12500
2	2.12500	COMB9	121.8057	2-1	2.12500
2	2.55000	COMB9	108.3511	2-1	2.55000
2	2.97500	COMB9	72.2214	2-1	2.97500
2	3.40000	COMB9	15.0175	2-1	3.40000
2	3.82500	COMB9	-49.2447	2-1	3.82500
2	4.25000	COMB9	-117.2982	2-1	4.25000
2	0.00000	COMB10	-78.1981	2-1	0.00000
2	0.42500	COMB10	-24.5825	2-1	0.42500
2	0.85000	COMB10	24.7703	2-1	0.85000
2	1.27500	COMB10	67.4172	2-1	1.27500
2	1.70000	COMB10	92.8768	2-1	1.70000
2	2.12500	COMB10	99.9519	2-1	2.12500
2	2.12500	COMB10	99.9519	2-1	2.12500
2	2.55000	COMB10	88.6426	2-1	2.55000
2	2.97500	COMB10	58.9487	2-1	2.97500
2	3.40000	COMB10	12.0676	2-1	3.40000
2	3.82500	COMB10	-41.5196	2-1	3.82500
2	4.25000	COMB10	-99.3694	2-1	4.25000
2	0.00000	COMB11	-95.5908	2-1	0.00000
2	0.42500	COMB11	-35.0053	2-1	0.42500
2	0.85000	COMB11	21.5613	2-1	0.85000
2	1.27500	COMB11	71.2681	2-1	1.27500
2	1.70000	COMB11	101.9274	2-1	1.70000
2	2.12500	COMB11	112.1471	2-1	2.12500
2	2.12500	COMB11	112.1471	2-1	2.12500
2	2.55000	COMB11	101.9274	2-1	2.55000
2	2.97500	COMB11	71.2681	2-1	2.97500
2	3.40000	COMB11	21.5613	2-1	3.40000
2	3.82500	COMB11	-35.0053	2-1	3.82500
2	4.25000	COMB11	-95.5908	2-1	4.25000
2	0.00000	COMB12	-12.3926	2-1	0.00000
2	0.42500	COMB12	1.7465	2-1	0.42500
2	0.85000	COMB12	12.2731	2-1	0.85000
2	1.27500	COMB12	19.1872	2-1	1.27500
2	1.70000	COMB12	22.4888	2-1	1.70000
2	2.12500	COMB12	22.1780	2-1	2.12500
2	2.12500	COMB12	22.1780	2-1	2.12500
2	2.55000	COMB12	18.2546	2-1	2.55000
2	2.97500	COMB12	10.7187	2-1	2.97500
2	3.40000	COMB12	-0.4297	2-1	3.40000
2	3.82500	COMB12	-15.1906	2-1	3.82500
2	4.25000	COMB12	-33.5639	2-1	4.25000
2	0.00000	COMB13	-14.7613	2-1	0.00000
2	0.42500	COMB13	-3.9916	2-1	0.42500
2	0.85000	COMB13	4.3849	2-1	0.85000
2	1.27500	COMB13	10.3681	2-1	1.27500
2	1.70000	COMB13	13.9580	2-1	1.70000

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
2	2.12500	COMB13	15.1547	2-1	2.12500
2	2.12500	COMB13	15.1547	2-1	2.12500
2	2.55000	COMB13	13.9580	2-1	2.55000
2	2.97500	COMB13	10.3681	2-1	2.97500
2	3.40000	COMB13	4.3849	2-1	3.40000
2	3.82500	COMB13	-3.9916	2-1	3.82500
2	4.25000	COMB13	-14.7613	2-1	4.25000
3	0.00000	COMB1	-140.7137	3-1	0.00000
3	0.87500	COMB1	-103.9062	3-1	0.87500
3	0.87500	COMB1	-103.9062	3-1	0.87500
3	1.75000	COMB1	-67.0988	3-1	1.75000
3	0.00000	COMB2	-125.6418	3-1	0.00000
3	0.87500	COMB2	-102.1007	3-1	0.87500
3	0.87500	COMB2	-102.1007	3-1	0.87500
3	1.75000	COMB2	-83.4502	3-1	1.75000
3	0.00000	COMB3	-104.6218	3-1	0.00000
3	0.87500	COMB3	-86.4130	3-1	0.87500
3	0.87500	COMB3	-86.4130	3-1	0.87500
3	1.75000	COMB3	-73.0948	3-1	1.75000
3	0.00000	COMB4	-45.2869	3-1	0.00000
3	0.87500	COMB4	-24.4577	3-1	0.87500
3	0.87500	COMB4	-24.4577	3-1	0.87500
3	1.75000	COMB4	-17.1325	3-1	1.75000
3	0.00000	COMB5	-48.2912	3-1	0.00000
3	0.87500	COMB5	-28.8184	3-1	0.87500
3	0.87500	COMB5	-28.8184	3-1	0.87500
3	1.75000	COMB5	-19.3486	3-1	1.75000
3	0.00000	COMB6	-18.6572	3-1	0.00000
3	0.87500	COMB6	-11.8089	3-1	0.87500
3	0.87500	COMB6	-11.8089	3-1	0.87500
3	1.75000	COMB6	-13.5284	3-1	1.75000
3	0.00000	COMB7	-18.9103	3-1	0.00000
3	0.87500	COMB7	-14.7612	3-1	0.87500
3	0.87500	COMB7	-14.7612	3-1	0.87500
3	1.75000	COMB7	-19.1800	3-1	1.75000
3	0.00000	COMB8	-28.6863	3-1	0.00000
3	0.87500	COMB8	-23.5554	3-1	0.87500
3	0.87500	COMB8	-23.5554	3-1	0.87500
3	1.75000	COMB8	-26.9924	3-1	1.75000
3	0.00000	COMB9	-117.2982	3-1	0.00000
3	0.87500	COMB9	-80.9044	3-1	0.87500
3	0.87500	COMB9	-80.9044	3-1	0.87500
3	1.75000	COMB9	-58.0144	3-1	1.75000
3	0.00000	COMB10	-99.3694	3-1	0.00000
3	0.87500	COMB10	-67.5237	3-1	0.87500
3	0.87500	COMB10	-67.5237	3-1	0.87500
3	1.75000	COMB10	-49.1819	3-1	1.75000
3	0.00000	COMB11	-95.5908	3-1	0.00000
3	0.87500	COMB11	-77.5783	3-1	0.87500
3	0.87500	COMB11	-77.5783	3-1	0.87500
3	1.75000	COMB11	-63.8265	3-1	1.75000
3	0.00000	COMB12	-33.5639	3-1	0.00000
3	0.87500	COMB12	-18.1331	3-1	0.87500
3	0.87500	COMB12	-18.1331	3-1	0.87500
3	1.75000	COMB12	-12.7052	3-1	1.75000
3	0.00000	COMB13	-14.7613	3-1	0.00000
3	0.87500	COMB13	-11.4492	3-1	0.87500

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
3	0.87500	COMB13	-11.4492	3-1	0.87500
3	1.75000	COMB13	-18.1400	3-1	1.75000
22	0.00000	COMB1	67.0988	22-1	0.00000
22	0.12500	COMB1	42.3169	22-1	0.12500
22	0.12500	COMB1	42.3169	22-1	0.12500
22	0.25000	COMB1	17.4032	22-1	0.25000
22	0.00000	COMB2	83.4502	22-1	0.00000
22	0.12500	COMB2	59.2842	22-1	0.12500
22	0.12500	COMB2	59.2842	22-1	0.12500
22	0.25000	COMB2	34.6349	22-1	0.25000
22	0.00000	COMB3	73.0948	22-1	0.00000
22	0.12500	COMB3	52.1373	22-1	0.12500
22	0.12500	COMB3	52.1373	22-1	0.12500
22	0.25000	COMB3	30.6963	22-1	0.25000
22	0.00000	COMB4	17.1325	22-1	0.00000
22	0.12500	COMB4	8.0946	22-1	0.12500
22	0.12500	COMB4	8.0946	22-1	0.12500
22	0.25000	COMB4	-1.0752	22-1	0.25000
22	0.00000	COMB5	19.3486	22-1	0.00000
22	0.12500	COMB5	9.5541	22-1	0.12500
22	0.12500	COMB5	9.5541	22-1	0.12500
22	0.25000	COMB5	-0.3723	22-1	0.25000
22	0.00000	COMB6	13.5284	22-1	0.00000
22	0.12500	COMB6	8.8746	22-1	0.12500
22	0.12500	COMB6	8.8746	22-1	0.12500
22	0.25000	COMB6	4.1305	22-1	0.25000
22	0.00000	COMB7	19.1800	22-1	0.00000
22	0.12500	COMB7	16.4393	22-1	0.12500
22	0.12500	COMB7	16.4393	22-1	0.12500
22	0.25000	COMB7	6.2885	22-1	0.25000
22	0.00000	COMB8	26.9924	22-1	0.00000
22	0.12500	COMB8	22.0149	22-1	0.12500
22	0.12500	COMB8	22.0149	22-1	0.12500
22	0.25000	COMB8	9.6272	22-1	0.25000
22	0.00000	COMB9	58.0144	22-1	0.00000
22	0.12500	COMB9	37.6413	22-1	0.12500
22	0.12500	COMB9	37.6413	22-1	0.12500
22	0.25000	COMB9	17.1706	22-1	0.25000
22	0.00000	COMB10	49.1819	22-1	0.00000
22	0.12500	COMB10	31.5453	22-1	0.12500
22	0.12500	COMB10	31.5453	22-1	0.12500
22	0.25000	COMB10	13.8112	22-1	0.25000
22	0.00000	COMB11	63.8265	22-1	0.00000
22	0.12500	COMB11	45.3596	22-1	0.12500
22	0.12500	COMB11	45.3596	22-1	0.12500
22	0.25000	COMB11	26.5606	22-1	0.25000
22	0.00000	COMB12	12.7052	22-1	0.00000
22	0.12500	COMB12	6.0063	22-1	0.12500
22	0.12500	COMB12	6.0063	22-1	0.12500
22	0.25000	COMB12	-0.7903	22-1	0.25000
22	0.00000	COMB13	18.1400	22-1	0.00000
22	0.12500	COMB13	13.5577	22-1	0.12500
22	0.12500	COMB13	13.5577	22-1	0.12500
22	0.25000	COMB13	8.8778	22-1	0.25000
23	0.00000	COMB1	17.4032	23-1	0.00000
23	0.12500	COMB1	-1.3287	23-1	0.12500
23	0.12500	COMB1	-1.3287	23-1	0.12500

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
23	0.25000	COMB1	-20.1925	23-1	0.25000
23	0.00000	COMB2	34.6349	23-1	0.00000
23	0.12500	COMB2	15.8422	23-1	0.12500
23	0.12500	COMB2	15.8422	23-1	0.12500
23	0.25000	COMB2	-3.4338	23-1	0.25000
23	0.00000	COMB3	30.6963	23-1	0.00000
23	0.12500	COMB3	14.3910	23-1	0.12500
23	0.12500	COMB3	14.3910	23-1	0.12500
23	0.25000	COMB3	-2.3977	23-1	0.25000
23	0.00000	COMB4	-1.0752	23-1	0.00000
23	0.12500	COMB4	-7.6210	23-1	0.12500
23	0.12500	COMB4	-7.6210	23-1	0.12500
23	0.25000	COMB4	-14.2986	23-1	0.25000
23	0.00000	COMB5	-0.3723	23-1	0.00000
23	0.12500	COMB5	-7.4995	23-1	0.12500
23	0.12500	COMB5	-7.4995	23-1	0.12500
23	0.25000	COMB5	-14.7585	23-1	0.25000
23	0.00000	COMB6	4.1305	23-1	0.00000
23	0.12500	COMB6	0.6151	23-1	0.12500
23	0.12500	COMB6	0.6151	23-1	0.12500
23	0.25000	COMB6	-2.9907	23-1	0.25000
23	0.00000	COMB7	6.2885	23-1	0.00000
23	0.12500	COMB7	5.0361	23-1	0.12500
23	0.12500	COMB7	5.0361	23-1	0.12500
23	0.25000	COMB7	-3.6265	23-1	0.25000
23	0.00000	COMB8	9.6272	23-1	0.00000
23	0.12500	COMB8	6.6269	23-1	0.12500
23	0.12500	COMB8	6.6269	23-1	0.12500
23	0.25000	COMB8	-3.7836	23-1	0.25000
23	0.00000	COMB9	17.1706	23-1	0.00000
23	0.12500	COMB9	1.6903	23-1	0.12500
23	0.12500	COMB9	1.6903	23-1	0.12500
23	0.25000	COMB9	-13.8877	23-1	0.25000
23	0.00000	COMB10	13.8112	23-1	0.00000
23	0.12500	COMB10	0.4524	23-1	0.12500
23	0.12500	COMB10	0.4524	23-1	0.12500
23	0.25000	COMB10	-13.0040	23-1	0.25000
23	0.00000	COMB11	26.5606	23-1	0.00000
23	0.12500	COMB11	12.1932	23-1	0.12500
23	0.12500	COMB11	12.1932	23-1	0.12500
23	0.25000	COMB11	-2.5062	23-1	0.25000
23	0.00000	COMB12	-0.7903	23-1	0.00000
23	0.12500	COMB12	-5.6422	23-1	0.12500
23	0.12500	COMB12	-5.6422	23-1	0.12500
23	0.25000	COMB12	-10.5918	23-1	0.25000
23	0.00000	COMB13	8.8778	23-1	0.00000
23	0.12500	COMB13	5.2616	23-1	0.12500
23	0.12500	COMB13	5.2616	23-1	0.12500
23	0.25000	COMB13	1.5478	23-1	0.25000
24	0.00000	COMB1	-20.1925	24-1	0.00000
24	0.12500	COMB1	-33.8339	24-1	0.12500
24	0.12500	COMB1	-33.8339	24-1	0.12500
24	0.25000	COMB1	-47.6071	24-1	0.25000
24	0.00000	COMB2	-3.4338	24-1	0.00000
24	0.12500	COMB2	-17.6433	24-1	0.12500
24	0.12500	COMB2	-17.6433	24-1	0.12500
24	0.25000	COMB2	-32.3362	24-1	0.25000

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
24	0.00000	COMB3	-2.3977	24-1	0.00000
24	0.12500	COMB3	-14.7307	24-1	0.12500
24	0.12500	COMB3	-14.7307	24-1	0.12500
24	0.25000	COMB3	-27.5471	24-1	0.25000
24	0.00000	COMB4	-14.2986	24-1	0.00000
24	0.12500	COMB4	-18.7626	24-1	0.12500
24	0.12500	COMB4	-18.7626	24-1	0.12500
24	0.25000	COMB4	-23.3584	24-1	0.25000
24	0.00000	COMB5	-14.7585	24-1	0.00000
24	0.12500	COMB5	-19.6568	24-1	0.12500
24	0.12500	COMB5	-19.6568	24-1	0.12500
24	0.25000	COMB5	-24.6870	24-1	0.25000
24	0.00000	COMB6	-2.9907	24-1	0.00000
24	0.12500	COMB6	-5.5392	24-1	0.12500
24	0.12500	COMB6	-5.5392	24-1	0.12500
24	0.25000	COMB6	-8.1781	24-1	0.25000
24	0.00000	COMB7	-3.6265	24-1	0.00000
24	0.12500	COMB7	-3.6039	24-1	0.12500
24	0.12500	COMB7	-3.6039	24-1	0.12500
24	0.25000	COMB7	-10.9914	24-1	0.25000
24	0.00000	COMB8	-3.7836	24-1	0.00000
24	0.12500	COMB8	-5.0908	24-1	0.12500
24	0.12500	COMB8	-5.0908	24-1	0.12500
24	0.25000	COMB8	-13.8081	24-1	0.25000
24	0.00000	COMB9	-13.8877	24-1	0.00000
24	0.12500	COMB9	-25.2372	24-1	0.12500
24	0.12500	COMB9	-25.2372	24-1	0.12500
24	0.25000	COMB9	-36.6844	24-1	0.25000
24	0.00000	COMB10	-13.0040	24-1	0.00000
24	0.12500	COMB10	-22.7529	24-1	0.12500
24	0.12500	COMB10	-22.7529	24-1	0.12500
24	0.25000	COMB10	-32.5996	24-1	0.25000
24	0.00000	COMB11	-2.5062	24-1	0.00000
24	0.12500	COMB11	-13.3762	24-1	0.12500
24	0.12500	COMB11	-13.3762	24-1	0.12500
24	0.25000	COMB11	-24.5782	24-1	0.25000
24	0.00000	COMB12	-10.5918	24-1	0.00000
24	0.12500	COMB12	-13.9010	24-1	0.12500
24	0.12500	COMB12	-13.9010	24-1	0.12500
24	0.25000	COMB12	-17.3078	24-1	0.25000
24	0.00000	COMB13	1.5478	24-1	0.00000
24	0.12500	COMB13	-1.2293	24-1	0.12500
24	0.12500	COMB13	-1.2293	24-1	0.12500
24	0.25000	COMB13	-4.1041	24-1	0.25000
25	0.00000	COMB1	-47.6071	25-1	0.00000
25	0.12500	COMB1	-57.0771	25-1	0.12500
25	0.12500	COMB1	-57.0771	25-1	0.12500
25	0.25000	COMB1	-66.6790	25-1	0.25000
25	0.00000	COMB2	-32.3362	25-1	0.00000
25	0.12500	COMB2	-42.7451	25-1	0.12500
25	0.12500	COMB2	-42.7451	25-1	0.12500
25	0.25000	COMB2	-53.6374	25-1	0.25000
25	0.00000	COMB3	-27.5471	25-1	0.00000
25	0.12500	COMB3	-36.5824	25-1	0.12500
25	0.12500	COMB3	-36.5824	25-1	0.12500
25	0.25000	COMB3	-46.1010	25-1	0.25000
25	0.00000	COMB4	-23.3584	25-1	0.00000

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
25	0.12500	COMB4	-26.1232	25-1	0.12500
25	0.12500	COMB4	-26.1232	25-1	0.12500
25	0.25000	COMB4	-29.0198	25-1	0.25000
25	0.00000	COMB5	-24.6870	25-1	0.00000
25	0.12500	COMB5	-27.7663	25-1	0.12500
25	0.12500	COMB5	-27.7663	25-1	0.12500
25	0.25000	COMB5	-30.9774	25-1	0.25000
25	0.00000	COMB6	-8.1781	25-1	0.00000
25	0.12500	COMB6	-9.9253	25-1	0.12500
25	0.12500	COMB6	-9.9253	25-1	0.12500
25	0.25000	COMB6	-11.7628	25-1	0.25000
25	0.00000	COMB7	-10.9914	25-1	0.00000
25	0.12500	COMB7	-9.9031	25-1	0.12500
25	0.12500	COMB7	-9.9031	25-1	0.12500
25	0.25000	COMB7	-16.2250	25-1	0.25000
25	0.00000	COMB8	-13.8081	25-1	0.00000
25	0.12500	COMB8	-13.7021	25-1	0.12500
25	0.12500	COMB8	-13.7021	25-1	0.12500
25	0.25000	COMB8	-21.0063	25-1	0.25000
25	0.00000	COMB9	-36.6844	25-1	0.00000
25	0.12500	COMB9	-44.6374	25-1	0.12500
25	0.12500	COMB9	-44.6374	25-1	0.12500
25	0.25000	COMB9	-52.6881	25-1	0.25000
25	0.00000	COMB10	-32.5996	25-1	0.00000
25	0.12500	COMB10	-39.3810	25-1	0.12500
25	0.12500	COMB10	-39.3810	25-1	0.12500
25	0.25000	COMB10	-46.2600	25-1	0.25000
25	0.00000	COMB11	-24.5782	25-1	0.00000
25	0.12500	COMB11	-32.5474	25-1	0.12500
25	0.12500	COMB11	-32.5474	25-1	0.12500
25	0.25000	COMB11	-40.8486	25-1	0.25000
25	0.00000	COMB12	-17.3078	25-1	0.00000
25	0.12500	COMB12	-19.3575	25-1	0.12500
25	0.12500	COMB12	-19.3575	25-1	0.12500
25	0.25000	COMB12	-21.5050	25-1	0.25000
25	0.00000	COMB13	-4.1041	25-1	0.00000
25	0.12500	COMB13	-6.1720	25-1	0.12500
25	0.12500	COMB13	-6.1720	25-1	0.12500
25	0.25000	COMB13	-8.3376	25-1	0.25000
26	0.00000	COMB1	-66.6790	26-1	0.00000
26	0.12500	COMB1	-72.8047	26-1	0.12500
26	0.12500	COMB1	-72.8047	26-1	0.12500
26	0.25000	COMB1	-79.0623	26-1	0.25000
26	0.00000	COMB2	-53.6374	26-1	0.00000
26	0.12500	COMB2	-60.9655	26-1	0.12500
26	0.12500	COMB2	-60.9655	26-1	0.12500
26	0.25000	COMB2	-68.7771	26-1	0.25000
26	0.00000	COMB3	-46.1010	26-1	0.00000
26	0.12500	COMB3	-52.4597	26-1	0.12500
26	0.12500	COMB3	-52.4597	26-1	0.12500
26	0.25000	COMB3	-59.3018	26-1	0.25000
26	0.00000	COMB4	-29.0198	26-1	0.00000
26	0.12500	COMB4	-30.4226	26-1	0.12500
26	0.12500	COMB4	-30.4226	26-1	0.12500
26	0.25000	COMB4	-31.9572	26-1	0.25000
26	0.00000	COMB5	-30.9774	26-1	0.00000
26	0.12500	COMB5	-32.5997	26-1	0.12500

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
26	0.12500	COMB5	-32.5997	26-1	0.12500
26	0.25000	COMB5	-34.3539	26-1	0.25000
26	0.00000	COMB6	-11.7628	26-1	0.00000
26	0.12500	COMB6	-12.8582	26-1	0.12500
26	0.12500	COMB6	-12.8582	26-1	0.12500
26	0.25000	COMB6	-14.0440	26-1	0.25000
26	0.00000	COMB7	-16.2250	26-1	0.00000
26	0.12500	COMB7	-14.2626	26-1	0.12500
26	0.12500	COMB7	-14.2626	26-1	0.12500
26	0.25000	COMB7	-19.7105	26-1	0.25000
26	0.00000	COMB8	-21.0063	26-1	0.00000
26	0.12500	COMB8	-19.7437	26-1	0.12500
26	0.12500	COMB8	-19.7437	26-1	0.12500
26	0.25000	COMB8	-25.8913	26-1	0.25000
26	0.00000	COMB9	-52.6881	26-1	0.00000
26	0.12500	COMB9	-57.9076	26-1	0.12500
26	0.12500	COMB9	-57.9076	26-1	0.12500
26	0.25000	COMB9	-63.2248	26-1	0.25000
26	0.00000	COMB10	-46.2600	26-1	0.00000
26	0.12500	COMB10	-50.6526	26-1	0.12500
26	0.12500	COMB10	-50.6526	26-1	0.12500
26	0.25000	COMB10	-55.1429	26-1	0.25000
26	0.00000	COMB11	-40.8486	26-1	0.00000
26	0.12500	COMB11	-46.4658	26-1	0.12500
26	0.12500	COMB11	-46.4658	26-1	0.12500
26	0.25000	COMB11	-52.4150	26-1	0.25000
26	0.00000	COMB12	-21.5050	26-1	0.00000
26	0.12500	COMB12	-22.5454	26-1	0.12500
26	0.12500	COMB12	-22.5454	26-1	0.12500
26	0.25000	COMB12	-23.6834	26-1	0.25000
26	0.00000	COMB13	-8.3376	26-1	0.00000
26	0.12500	COMB13	-9.8181	26-1	0.12500
26	0.12500	COMB13	-9.8181	26-1	0.12500
26	0.25000	COMB13	-11.3963	26-1	0.25000
27	0.00000	COMB1	-79.0623	27-1	0.00000
27	0.12500	COMB1	-82.5420	27-1	0.12500
27	0.12500	COMB1	-82.5420	27-1	0.12500
27	0.25000	COMB1	-86.1535	27-1	0.25000
27	0.00000	COMB2	-68.7771	27-1	0.00000
27	0.12500	COMB2	-73.6409	27-1	0.12500
27	0.12500	COMB2	-73.6409	27-1	0.12500
27	0.25000	COMB2	-78.9882	27-1	0.25000
27	0.00000	COMB3	-59.3018	27-1	0.00000
27	0.12500	COMB3	-63.5163	27-1	0.12500
27	0.12500	COMB3	-63.5163	27-1	0.12500
27	0.25000	COMB3	-68.2142	27-1	0.25000
27	0.00000	COMB4	-31.9572	27-1	0.00000
27	0.12500	COMB4	-32.2794	27-1	0.12500
27	0.12500	COMB4	-32.2794	27-1	0.12500
27	0.25000	COMB4	-32.7335	27-1	0.25000
27	0.00000	COMB5	-34.3539	27-1	0.00000
27	0.12500	COMB5	-34.8215	27-1	0.12500
27	0.12500	COMB5	-34.8215	27-1	0.12500
27	0.25000	COMB5	-35.4210	27-1	0.25000
27	0.00000	COMB6	-14.0440	27-1	0.00000
27	0.12500	COMB6	-14.6147	27-1	0.12500
27	0.12500	COMB6	-14.6147	27-1	0.12500



Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
27	0.25000	COMB6	-15.2757	27-1	0.25000
27	0.00000	COMB7	-19.7105	27-1	0.00000
27	0.12500	COMB7	-17.0379	27-1	0.12500
27	0.12500	COMB7	-17.0379	27-1	0.12500
27	0.25000	COMB7	-21.7756	27-1	0.25000
27	0.00000	COMB8	-25.8913	27-1	0.00000
27	0.12500	COMB8	-23.6918	27-1	0.12500
27	0.12500	COMB8	-23.6918	27-1	0.12500
27	0.25000	COMB8	-28.9025	27-1	0.25000
27	0.00000	COMB9	-63.2248	27-1	0.00000
27	0.12500	COMB9	-66.2722	27-1	0.12500
27	0.12500	COMB9	-66.2722	27-1	0.12500
27	0.25000	COMB9	-69.4172	27-1	0.25000
27	0.00000	COMB10	-55.1429	27-1	0.00000
27	0.12500	COMB10	-57.6365	27-1	0.12500
27	0.12500	COMB10	-57.6365	27-1	0.12500
27	0.25000	COMB10	-60.2276	27-1	0.25000
27	0.00000	COMB11	-52.4150	27-1	0.00000
27	0.12500	COMB11	-56.1503	27-1	0.12500
27	0.12500	COMB11	-56.1503	27-1	0.12500
27	0.25000	COMB11	-60.2176	27-1	0.25000
27	0.00000	COMB12	-23.6834	27-1	0.00000
27	0.12500	COMB12	-23.9230	27-1	0.12500
27	0.12500	COMB12	-23.9230	27-1	0.12500
27	0.25000	COMB12	-24.2602	27-1	0.25000
27	0.00000	COMB13	-11.3963	27-1	0.00000
27	0.12500	COMB13	-12.3953	27-1	0.12500
27	0.12500	COMB13	-12.3953	27-1	0.12500
27	0.25000	COMB13	-13.4919	27-1	0.25000
28	0.00000	COMB1	-86.1535	28-1	0.00000
28	0.12500	COMB1	-87.5333	28-1	0.12500
28	0.12500	COMB1	-87.5333	28-1	0.12500
28	0.25000	COMB1	-89.0450	28-1	0.25000
28	0.00000	COMB2	-78.9882	28-1	0.00000
28	0.12500	COMB2	-81.8720	28-1	0.12500
28	0.12500	COMB2	-81.8720	28-1	0.12500
28	0.25000	COMB2	-85.2393	28-1	0.25000
28	0.00000	COMB3	-68.2142	28-1	0.00000
28	0.12500	COMB3	-70.7029	28-1	0.12500
28	0.12500	COMB3	-70.7029	28-1	0.12500
28	0.25000	COMB3	-73.6750	28-1	0.25000
28	0.00000	COMB4	-32.7335	28-1	0.00000
28	0.12500	COMB4	-32.1951	28-1	0.12500
28	0.12500	COMB4	-32.1951	28-1	0.12500
28	0.25000	COMB4	-31.7886	28-1	0.25000
28	0.00000	COMB5	-35.4210	28-1	0.00000
28	0.12500	COMB5	-34.9703	28-1	0.12500
28	0.12500	COMB5	-34.9703	28-1	0.12500
28	0.25000	COMB5	-34.6513	28-1	0.25000
28	0.00000	COMB6	-15.2757	28-1	0.00000
28	0.12500	COMB6	-15.4217	28-1	0.12500
28	0.12500	COMB6	-15.4217	28-1	0.12500
28	0.25000	COMB6	-15.6580	28-1	0.25000
28	0.00000	COMB7	-21.7756	28-1	0.00000
28	0.12500	COMB7	-18.5223	28-1	0.12500
28	0.12500	COMB7	-18.5223	28-1	0.12500
28	0.25000	COMB7	-22.6792	28-1	0.25000

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
28	0.00000	COMB8	-28.9025	28-1	0.00000
28	0.12500	COMB8	-25.9394	28-1	0.12500
28	0.12500	COMB8	-25.9394	28-1	0.12500
28	0.25000	COMB8	-30.3864	28-1	0.25000
28	0.00000	COMB9	-69.4172	28-1	0.00000
28	0.12500	COMB9	-70.7322	28-1	0.12500
28	0.12500	COMB9	-70.7322	28-1	0.12500
28	0.25000	COMB9	-72.1448	28-1	0.25000
28	0.00000	COMB10	-60.2276	28-1	0.00000
28	0.12500	COMB10	-61.2055	28-1	0.12500
28	0.12500	COMB10	-61.2055	28-1	0.12500
28	0.25000	COMB10	-62.2811	28-1	0.25000
28	0.00000	COMB11	-60.2176	28-1	0.00000
28	0.12500	COMB11	-62.4403	28-1	0.12500
28	0.12500	COMB11	-62.4403	28-1	0.12500
28	0.25000	COMB11	-64.9951	28-1	0.25000
28	0.00000	COMB12	-24.2602	28-1	0.00000
28	0.12500	COMB12	-23.8620	28-1	0.12500
28	0.12500	COMB12	-23.8620	28-1	0.12500
28	0.25000	COMB12	-23.5614	28-1	0.25000
28	0.00000	COMB13	-13.4919	28-1	0.00000
28	0.12500	COMB13	-14.0931	28-1	0.12500
28	0.12500	COMB13	-14.0931	28-1	0.12500
28	0.25000	COMB13	-14.7920	28-1	0.25000
29	0.00000	COMB1	-89.0450	29-1	0.00000
29	0.12500	COMB1	-88.7054	29-1	0.12500
29	0.12500	COMB1	-88.7054	29-1	0.12500
29	0.25000	COMB1	-88.4977	29-1	0.25000
29	0.00000	COMB2	-85.2393	29-1	0.00000
29	0.12500	COMB2	-86.4758	29-1	0.12500
29	0.12500	COMB2	-86.4758	29-1	0.12500
29	0.25000	COMB2	-88.1957	29-1	0.25000
29	0.00000	COMB3	-73.6750	29-1	0.00000
29	0.12500	COMB3	-74.7254	29-1	0.12500
29	0.12500	COMB3	-74.7254	29-1	0.12500
29	0.25000	COMB3	-76.2592	29-1	0.25000
29	0.00000	COMB4	-31.7886	29-1	0.00000
29	0.12500	COMB4	-30.5467	29-1	0.12500
29	0.12500	COMB4	-30.5467	29-1	0.12500
29	0.25000	COMB4	-29.4366	29-1	0.25000
29	0.00000	COMB5	-34.6513	29-1	0.00000
29	0.12500	COMB5	-33.4504	29-1	0.12500
29	0.12500	COMB5	-33.4504	29-1	0.12500
29	0.25000	COMB5	-32.3813	29-1	0.25000
29	0.00000	COMB6	-15.6580	29-1	0.00000
29	0.12500	COMB6	-15.4499	29-1	0.12500
29	0.12500	COMB6	-15.4499	29-1	0.12500
29	0.25000	COMB6	-15.3321	29-1	0.25000
29	0.00000	COMB7	-22.6792	29-1	0.00000
29	0.12500	COMB7	-18.9363	29-1	0.12500
29	0.12500	COMB7	-18.9363	29-1	0.12500
29	0.25000	COMB7	-22.6036	29-1	0.25000
29	0.00000	COMB8	-30.3864	29-1	0.00000
29	0.12500	COMB8	-26.7809	29-1	0.12500
29	0.12500	COMB8	-26.7809	29-1	0.12500
29	0.25000	COMB8	-30.5856	29-1	0.25000
29	0.00000	COMB9	-72.1448	29-1	0.00000

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
29	0.12500	COMB9	-72.0335	29-1	0.12500
29	0.12500	COMB9	-72.0335	29-1	0.12500
29	0.25000	COMB9	-72.0198	29-1	0.25000
29	0.00000	COMB10	-62.2811	29-1	0.00000
29	0.12500	COMB10	-62.0110	29-1	0.12500
29	0.12500	COMB10	-62.0110	29-1	0.12500
29	0.25000	COMB10	-61.8386	29-1	0.25000
29	0.00000	COMB11	-64.9951	29-1	0.00000
29	0.12500	COMB11	-65.9589	29-1	0.12500
29	0.12500	COMB11	-65.9589	29-1	0.12500
29	0.25000	COMB11	-67.2548	29-1	0.25000
29	0.00000	COMB12	-23.5614	29-1	0.00000
29	0.12500	COMB12	-22.6417	29-1	0.12500
29	0.12500	COMB12	-22.6417	29-1	0.12500
29	0.25000	COMB12	-21.8197	29-1	0.25000
29	0.00000	COMB13	-14.7920	29-1	0.00000
29	0.12500	COMB13	-15.0534	29-1	0.12500
29	0.12500	COMB13	-15.0534	29-1	0.12500
29	0.25000	COMB13	-15.4124	29-1	0.25000
30	0.00000	COMB1	-88.4977	30-1	0.00000
30	0.12500	COMB1	-86.6482	30-1	0.12500
30	0.12500	COMB1	-86.6482	30-1	0.12500
30	0.25000	COMB1	-84.9305	30-1	0.25000
30	0.00000	COMB2	-88.1957	30-1	0.00000
30	0.12500	COMB2	-87.9540	30-1	0.12500
30	0.12500	COMB2	-87.9540	30-1	0.12500
30	0.25000	COMB2	-88.1957	30-1	0.25000
30	0.00000	COMB3	-76.2592	30-1	0.00000
30	0.12500	COMB3	-76.0175	30-1	0.12500
30	0.12500	COMB3	-76.0175	30-1	0.12500
30	0.25000	COMB3	-76.2592	30-1	0.25000
30	0.00000	COMB4	-29.4366	30-1	0.00000
30	0.12500	COMB4	-27.5871	30-1	0.12500
30	0.12500	COMB4	-27.5871	30-1	0.12500
30	0.25000	COMB4	-25.8694	30-1	0.25000
30	0.00000	COMB5	-32.3813	30-1	0.00000
30	0.12500	COMB5	-30.5318	30-1	0.12500
30	0.12500	COMB5	-30.5318	30-1	0.12500
30	0.25000	COMB5	-28.8141	30-1	0.25000
30	0.00000	COMB6	-15.3321	30-1	0.00000
30	0.12500	COMB6	-14.8106	30-1	0.12500
30	0.12500	COMB6	-14.8106	30-1	0.12500
30	0.25000	COMB6	-14.3794	30-1	0.25000
30	0.00000	COMB7	-22.6036	30-1	0.00000
30	0.12500	COMB7	-18.4221	30-1	0.12500
30	0.12500	COMB7	-18.4221	30-1	0.12500
30	0.25000	COMB7	-21.6508	30-1	0.25000
30	0.00000	COMB8	-30.5856	30-1	0.00000
30	0.12500	COMB8	-26.4041	30-1	0.12500
30	0.12500	COMB8	-26.4041	30-1	0.12500
30	0.25000	COMB8	-29.6328	30-1	0.25000
30	0.00000	COMB9	-72.0198	30-1	0.00000
30	0.12500	COMB9	-70.6498	30-1	0.12500
30	0.12500	COMB9	-70.6498	30-1	0.12500
30	0.25000	COMB9	-69.3775	30-1	0.25000
30	0.00000	COMB10	-61.8386	30-1	0.00000
30	0.12500	COMB10	-60.4686	30-1	0.12500

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
30	0.12500	COMB10	-60.4686	30-1	0.12500
30	0.25000	COMB10	-59.1963	30-1	0.25000
30	0.00000	COMB11	-67.2548	30-1	0.00000
30	0.12500	COMB11	-67.0888	30-1	0.12500
30	0.12500	COMB11	-67.0888	30-1	0.12500
30	0.25000	COMB11	-67.2548	30-1	0.25000
30	0.00000	COMB12	-21.8197	30-1	0.00000
30	0.12500	COMB12	-20.4497	30-1	0.12500
30	0.12500	COMB12	-20.4497	30-1	0.12500
30	0.25000	COMB12	-19.1773	30-1	0.25000
30	0.00000	COMB13	-15.4124	30-1	0.00000
30	0.12500	COMB13	-15.3636	30-1	0.12500
30	0.12500	COMB13	-15.3636	30-1	0.12500
30	0.25000	COMB13	-15.4124	30-1	0.25000
31	0.00000	COMB1	-84.9305	31-1	0.00000
31	0.12500	COMB1	-81.6106	31-1	0.12500
31	0.12500	COMB1	-81.6106	31-1	0.12500
31	0.25000	COMB1	-78.4225	31-1	0.25000
31	0.00000	COMB2	-88.1957	31-1	0.00000
31	0.12500	COMB2	-86.4758	31-1	0.12500
31	0.12500	COMB2	-86.4758	31-1	0.12500
31	0.25000	COMB2	-85.2393	31-1	0.25000
31	0.00000	COMB3	-76.2592	31-1	0.00000
31	0.12500	COMB3	-74.7254	31-1	0.12500
31	0.12500	COMB3	-74.7254	31-1	0.12500
31	0.25000	COMB3	-73.6750	31-1	0.25000
31	0.00000	COMB4	-25.8694	31-1	0.00000
31	0.12500	COMB4	-23.4519	31-1	0.12500
31	0.12500	COMB4	-23.4519	31-1	0.12500
31	0.25000	COMB4	-21.1661	31-1	0.25000
31	0.00000	COMB5	-28.8141	31-1	0.00000
31	0.12500	COMB5	-26.3556	31-1	0.12500
31	0.12500	COMB5	-26.3556	31-1	0.12500
31	0.25000	COMB5	-24.0289	31-1	0.25000
31	0.00000	COMB6	-14.3794	31-1	0.00000
31	0.12500	COMB6	-13.5556	31-1	0.12500
31	0.12500	COMB6	-13.5556	31-1	0.12500
31	0.25000	COMB6	-12.8221	31-1	0.25000
31	0.00000	COMB7	-21.6508	31-1	0.00000
31	0.12500	COMB7	-17.0420	31-1	0.12500
31	0.12500	COMB7	-17.0420	31-1	0.12500
31	0.25000	COMB7	-19.8433	31-1	0.25000
31	0.00000	COMB8	-29.6328	31-1	0.00000
31	0.12500	COMB8	-24.8866	31-1	0.12500
31	0.12500	COMB8	-24.8866	31-1	0.12500
31	0.25000	COMB8	-27.5505	31-1	0.25000
31	0.00000	COMB9	-69.3775	31-1	0.00000
31	0.12500	COMB9	-66.7781	31-1	0.12500
31	0.12500	COMB9	-66.7781	31-1	0.12500
31	0.25000	COMB9	-64.2763	31-1	0.25000
31	0.00000	COMB10	-59.1963	31-1	0.00000
31	0.12500	COMB10	-56.7556	31-1	0.12500
31	0.12500	COMB10	-56.7556	31-1	0.12500
31	0.25000	COMB10	-54.4126	31-1	0.25000
31	0.00000	COMB11	-67.2548	31-1	0.00000
31	0.12500	COMB11	-65.9589	31-1	0.12500
31	0.12500	COMB11	-65.9589	31-1	0.12500

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
31	0.25000	COMB11	-64.9951	31-1	0.25000
31	0.00000	COMB12	-19.1773	31-1	0.00000
31	0.12500	COMB12	-17.3863	31-1	0.12500
31	0.12500	COMB12	-17.3863	31-1	0.12500
31	0.25000	COMB12	-15.6929	31-1	0.25000
31	0.00000	COMB13	-15.4124	31-1	0.00000
31	0.12500	COMB13	-15.0534	31-1	0.12500
31	0.12500	COMB13	-15.0534	31-1	0.12500
31	0.25000	COMB13	-14.7920	31-1	0.25000
32	0.00000	COMB1	-78.4225	32-1	0.00000
32	0.12500	COMB1	-73.5086	32-1	0.12500
32	0.12500	COMB1	-73.5086	32-1	0.12500
32	0.25000	COMB1	-68.7265	32-1	0.25000
32	0.00000	COMB2	-85.2393	32-1	0.00000
32	0.12500	COMB2	-81.8720	32-1	0.12500
32	0.12500	COMB2	-81.8720	32-1	0.12500
32	0.25000	COMB2	-78.9882	32-1	0.25000
32	0.00000	COMB3	-73.6750	32-1	0.00000
32	0.12500	COMB3	-70.7029	32-1	0.12500
32	0.12500	COMB3	-70.7029	32-1	0.12500
32	0.25000	COMB3	-68.2142	32-1	0.25000
32	0.00000	COMB4	-21.1661	32-1	0.00000
32	0.12500	COMB4	-18.1704	32-1	0.12500
32	0.12500	COMB4	-18.1704	32-1	0.12500
32	0.25000	COMB4	-15.3065	32-1	0.25000
32	0.00000	COMB5	-24.0289	32-1	0.00000
32	0.12500	COMB5	-20.9455	32-1	0.12500
32	0.12500	COMB5	-20.9455	32-1	0.12500
32	0.25000	COMB5	-17.9940	32-1	0.25000
32	0.00000	COMB6	-12.8221	32-1	0.00000
32	0.12500	COMB6	-11.6796	32-1	0.12500
32	0.12500	COMB6	-11.6796	32-1	0.12500
32	0.25000	COMB6	-10.6275	32-1	0.25000
32	0.00000	COMB7	-19.8433	32-1	0.00000
32	0.12500	COMB7	-14.7802	32-1	0.12500
32	0.12500	COMB7	-14.7802	32-1	0.12500
32	0.25000	COMB7	-17.1273	32-1	0.25000
32	0.00000	COMB8	-27.5505	32-1	0.00000
32	0.12500	COMB8	-22.1973	32-1	0.12500
32	0.12500	COMB8	-22.1973	32-1	0.12500
32	0.25000	COMB8	-24.2542	32-1	0.25000
32	0.00000	COMB9	-64.2763	32-1	0.00000
32	0.12500	COMB9	-60.3435	32-1	0.12500
32	0.12500	COMB9	-60.3435	32-1	0.12500
32	0.25000	COMB9	-56.5083	32-1	0.25000
32	0.00000	COMB10	-54.4126	32-1	0.00000
32	0.12500	COMB10	-50.8168	32-1	0.12500
32	0.12500	COMB10	-50.8168	32-1	0.12500
32	0.25000	COMB10	-47.3187	32-1	0.25000
32	0.00000	COMB11	-64.9951	32-1	0.00000
32	0.12500	COMB11	-62.4403	32-1	0.12500
32	0.12500	COMB11	-62.4403	32-1	0.12500
32	0.25000	COMB11	-60.2176	32-1	0.25000
32	0.00000	COMB12	-15.6929	32-1	0.00000
32	0.12500	COMB12	-13.4733	32-1	0.12500
32	0.12500	COMB12	-13.4733	32-1	0.12500
32	0.25000	COMB12	-11.3513	32-1	0.25000

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
32	0.00000	COMB13	-14.7920	32-1	0.00000
32	0.12500	COMB13	-14.0931	32-1	0.12500
32	0.12500	COMB13	-14.0931	32-1	0.12500
32	0.25000	COMB13	-13.4919	32-1	0.25000
33	0.00000	COMB1	-68.7265	33-1	0.00000
33	0.12500	COMB1	-61.9443	33-1	0.12500
33	0.12500	COMB1	-61.9443	33-1	0.12500
33	0.25000	COMB1	-55.2939	33-1	0.25000
33	0.00000	COMB2	-78.9882	33-1	0.00000
33	0.12500	COMB2	-73.6409	33-1	0.12500
33	0.12500	COMB2	-73.6409	33-1	0.12500
33	0.25000	COMB2	-68.7771	33-1	0.25000
33	0.00000	COMB3	-68.2142	33-1	0.00000
33	0.12500	COMB3	-63.5163	33-1	0.12500
33	0.12500	COMB3	-63.5163	33-1	0.12500
33	0.25000	COMB3	-59.3018	33-1	0.25000
33	0.00000	COMB4	-15.3065	33-1	0.00000
33	0.12500	COMB4	-11.6817	33-1	0.12500
33	0.12500	COMB4	-11.6817	33-1	0.12500
33	0.25000	COMB4	-8.1888	33-1	0.25000
33	0.00000	COMB5	-17.9940	33-1	0.00000
33	0.12500	COMB5	-14.2238	33-1	0.12500
33	0.12500	COMB5	-14.2238	33-1	0.12500
33	0.25000	COMB5	-10.5855	33-1	0.25000
33	0.00000	COMB6	-10.6275	33-1	0.00000
33	0.12500	COMB6	-9.1253	33-1	0.12500
33	0.12500	COMB6	-9.1253	33-1	0.12500
33	0.25000	COMB6	-7.7136	33-1	0.25000
33	0.00000	COMB7	-17.1273	33-1	0.00000
33	0.12500	COMB7	-11.5486	33-1	0.12500
33	0.12500	COMB7	-11.5486	33-1	0.12500
33	0.25000	COMB7	-13.3801	33-1	0.25000
33	0.00000	COMB8	-24.2542	33-1	0.00000
33	0.12500	COMB8	-18.2025	33-1	0.12500
33	0.12500	COMB8	-18.2025	33-1	0.12500
33	0.25000	COMB8	-19.5609	33-1	0.25000
33	0.00000	COMB9	-56.5083	33-1	0.00000
33	0.12500	COMB9	-51.0146	33-1	0.12500
33	0.12500	COMB9	-51.0146	33-1	0.12500
33	0.25000	COMB9	-45.6185	33-1	0.25000
33	0.00000	COMB10	-47.3187	33-1	0.00000
33	0.12500	COMB10	-42.3789	33-1	0.12500
33	0.12500	COMB10	-42.3789	33-1	0.12500
33	0.25000	COMB10	-37.5367	33-1	0.25000
33	0.00000	COMB11	-60.2176	33-1	0.00000
33	0.12500	COMB11	-56.1503	33-1	0.12500
33	0.12500	COMB11	-56.1503	33-1	0.12500
33	0.25000	COMB11	-52.4150	33-1	0.25000
33	0.00000	COMB12	-11.3513	33-1	0.00000
33	0.12500	COMB12	-8.6654	33-1	0.12500
33	0.12500	COMB12	-8.6654	33-1	0.12500
33	0.25000	COMB12	-6.0772	33-1	0.25000
33	0.00000	COMB13	-13.4919	33-1	0.00000
33	0.12500	COMB13	-12.3953	33-1	0.12500
33	0.12500	COMB13	-12.3953	33-1	0.12500
33	0.25000	COMB13	-11.3963	33-1	0.25000
34	0.00000	COMB1	-55.2939	34-1	0.00000

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
34	0.12500	COMB1	-46.2370	34-1	0.12500
34	0.12500	COMB1	-46.2370	34-1	0.12500
34	0.25000	COMB1	-37.3119	34-1	0.25000
34	0.00000	COMB2	-68.7771	34-1	0.00000
34	0.12500	COMB2	-60.9655	34-1	0.12500
34	0.12500	COMB2	-60.9655	34-1	0.12500
34	0.25000	COMB2	-53.6374	34-1	0.25000
34	0.00000	COMB3	-59.3018	34-1	0.00000
34	0.12500	COMB3	-52.4597	34-1	0.12500
34	0.12500	COMB3	-52.4597	34-1	0.12500
34	0.25000	COMB3	-46.1010	34-1	0.25000
34	0.00000	COMB4	-8.1888	34-1	0.00000
34	0.12500	COMB4	-3.8548	34-1	0.12500
34	0.12500	COMB4	-3.8548	34-1	0.12500
34	0.25000	COMB4	0.3474	34-1	0.25000
34	0.00000	COMB5	-10.5855	34-1	0.00000
34	0.12500	COMB5	-6.0320	34-1	0.12500
34	0.12500	COMB5	-6.0320	34-1	0.12500
34	0.25000	COMB5	-1.6103	34-1	0.25000
34	0.00000	COMB6	-7.7136	34-1	0.00000
34	0.12500	COMB6	-5.7904	34-1	0.12500
34	0.12500	COMB6	-5.7904	34-1	0.12500
34	0.25000	COMB6	-3.9575	34-1	0.25000
34	0.00000	COMB7	-13.3801	34-1	0.00000
34	0.12500	COMB7	-7.1948	34-1	0.12500
34	0.12500	COMB7	-7.1948	34-1	0.12500
34	0.25000	COMB7	-8.4197	34-1	0.25000
34	0.00000	COMB8	-19.5609	34-1	0.00000
34	0.12500	COMB8	-12.6759	34-1	0.12500
34	0.12500	COMB8	-12.6759	34-1	0.12500
34	0.25000	COMB8	-13.2010	34-1	0.25000
34	0.00000	COMB9	-45.6185	34-1	0.00000
34	0.12500	COMB9	-38.2277	34-1	0.12500
34	0.12500	COMB9	-38.2277	34-1	0.12500
34	0.25000	COMB9	-30.9346	34-1	0.25000
34	0.00000	COMB10	-37.5367	34-1	0.00000
34	0.12500	COMB10	-30.9728	34-1	0.12500
34	0.12500	COMB10	-30.9728	34-1	0.12500
34	0.25000	COMB10	-24.5065	34-1	0.25000
34	0.00000	COMB11	-52.4150	34-1	0.00000
34	0.12500	COMB11	-46.4658	34-1	0.12500
34	0.12500	COMB11	-46.4658	34-1	0.12500
34	0.25000	COMB11	-40.8486	34-1	0.25000
34	0.00000	COMB12	-6.0772	34-1	0.00000
34	0.12500	COMB12	-2.8655	34-1	0.12500
34	0.12500	COMB12	-2.8655	34-1	0.12500
34	0.25000	COMB12	0.2485	34-1	0.25000
34	0.00000	COMB13	-11.3963	34-1	0.00000
34	0.12500	COMB13	-9.8181	34-1	0.12500
34	0.12500	COMB13	-9.8181	34-1	0.12500
34	0.25000	COMB13	-8.3376	34-1	0.25000
35	0.00000	COMB1	-37.3119	35-1	0.00000
35	0.12500	COMB1	-25.4673	35-1	0.12500
35	0.12500	COMB1	-25.4673	35-1	0.12500
35	0.25000	COMB1	-13.7546	35-1	0.25000
35	0.00000	COMB2	-53.6374	35-1	0.00000
35	0.12500	COMB2	-42.7451	35-1	0.12500

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
35	0.12500	COMB2	-42.7451	35-1	0.12500
35	0.25000	COMB2	-32.3362	35-1	0.25000
35	0.00000	COMB3	-46.1010	35-1	0.00000
35	0.12500	COMB3	-36.5824	35-1	0.12500
35	0.12500	COMB3	-36.5824	35-1	0.12500
35	0.25000	COMB3	-27.5471	35-1	0.25000
35	0.00000	COMB4	0.3474	35-1	0.00000
35	0.12500	COMB4	5.4866	35-1	0.12500
35	0.12500	COMB4	5.4866	35-1	0.12500
35	0.25000	COMB4	10.4940	35-1	0.25000
35	0.00000	COMB5	-1.6103	35-1	0.00000
35	0.12500	COMB5	3.8435	35-1	0.12500
35	0.12500	COMB5	3.8435	35-1	0.12500
35	0.25000	COMB5	9.1655	35-1	0.25000
35	0.00000	COMB6	-3.9575	35-1	0.00000
35	0.12500	COMB6	-1.5371	35-1	0.12500
35	0.12500	COMB6	-1.5371	35-1	0.12500
35	0.25000	COMB6	0.7931	35-1	0.25000
35	0.00000	COMB7	-8.4197	35-1	0.00000
35	0.12500	COMB7	-1.5149	35-1	0.12500
35	0.12500	COMB7	-1.5149	35-1	0.12500
35	0.25000	COMB7	-2.0202	35-1	0.25000
35	0.00000	COMB8	-13.2010	35-1	0.00000
35	0.12500	COMB8	-5.3139	35-1	0.12500
35	0.12500	COMB8	-5.3139	35-1	0.12500
35	0.25000	COMB8	-4.8369	35-1	0.25000
35	0.00000	COMB9	-30.9346	35-1	0.00000
35	0.12500	COMB9	-21.2228	35-1	0.12500
35	0.12500	COMB9	-21.2228	35-1	0.12500
35	0.25000	COMB9	-11.6085	35-1	0.25000
35	0.00000	COMB10	-24.5065	35-1	0.00000
35	0.12500	COMB10	-15.9663	35-1	0.12500
35	0.12500	COMB10	-15.9663	35-1	0.12500
35	0.25000	COMB10	-7.5237	35-1	0.25000
35	0.00000	COMB11	-40.8486	35-1	0.00000
35	0.12500	COMB11	-32.5474	35-1	0.12500
35	0.12500	COMB11	-32.5474	35-1	0.12500
35	0.25000	COMB11	-24.5782	35-1	0.25000
35	0.00000	COMB12	0.2485	35-1	0.00000
35	0.12500	COMB12	4.0571	35-1	0.12500
35	0.12500	COMB12	4.0571	35-1	0.12500
35	0.25000	COMB12	7.7681	35-1	0.25000
35	0.00000	COMB13	-8.3376	35-1	0.00000
35	0.12500	COMB13	-6.1720	35-1	0.12500
35	0.12500	COMB13	-6.1720	35-1	0.12500
35	0.25000	COMB13	-4.1041	35-1	0.25000
36	0.00000	COMB1	-13.7546	36-1	0.00000
36	0.12500	COMB1	1.4627	36-1	0.12500
36	0.12500	COMB1	1.4627	36-1	0.12500
36	0.25000	COMB1	16.5482	36-1	0.25000
36	0.00000	COMB2	-32.3362	36-1	0.00000
36	0.12500	COMB2	-17.6433	36-1	0.12500
36	0.12500	COMB2	-17.6433	36-1	0.12500
36	0.25000	COMB2	-3.4338	36-1	0.25000
36	0.00000	COMB3	-27.5471	36-1	0.00000
36	0.12500	COMB3	-14.7307	36-1	0.12500
36	0.12500	COMB3	-14.7307	36-1	0.12500



Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
36	0.25000	COMB3	-2.3977	36-1	0.25000
36	0.00000	COMB4	10.4940	36-1	0.00000
36	0.12500	COMB4	16.5340	36-1	0.12500
36	0.12500	COMB4	16.5340	36-1	0.12500
36	0.25000	COMB4	22.4422	36-1	0.25000
36	0.00000	COMB5	9.1655	36-1	0.00000
36	0.12500	COMB5	15.6398	36-1	0.12500
36	0.12500	COMB5	15.6398	36-1	0.12500
36	0.25000	COMB5	21.9823	36-1	0.25000
36	0.00000	COMB6	0.7931	36-1	0.00000
36	0.12500	COMB6	3.7948	36-1	0.12500
36	0.12500	COMB6	3.7948	36-1	0.12500
36	0.25000	COMB6	6.7061	36-1	0.25000
36	0.00000	COMB7	-2.0202	36-1	0.00000
36	0.12500	COMB7	5.7301	36-1	0.12500
36	0.12500	COMB7	5.7301	36-1	0.12500
36	0.25000	COMB7	6.0703	36-1	0.25000
36	0.00000	COMB8	-4.8369	36-1	0.00000
36	0.12500	COMB8	4.2433	36-1	0.12500
36	0.12500	COMB8	4.2433	36-1	0.12500
36	0.25000	COMB8	5.9133	36-1	0.25000
36	0.00000	COMB9	-11.6085	36-1	0.00000
36	0.12500	COMB9	0.9084	36-1	0.12500
36	0.12500	COMB9	0.9084	36-1	0.12500
36	0.25000	COMB9	13.3276	36-1	0.25000
36	0.00000	COMB10	-7.5237	36-1	0.00000
36	0.12500	COMB10	3.3927	36-1	0.12500
36	0.12500	COMB10	3.3927	36-1	0.12500
36	0.25000	COMB10	14.2114	36-1	0.25000
36	0.00000	COMB11	-24.5782	36-1	0.00000
36	0.12500	COMB11	-13.3762	36-1	0.12500
36	0.12500	COMB11	-13.3762	36-1	0.12500
36	0.25000	COMB11	-2.5062	36-1	0.25000
36	0.00000	COMB12	7.7681	36-1	0.00000
36	0.12500	COMB12	12.2447	36-1	0.12500
36	0.12500	COMB12	12.2447	36-1	0.12500
36	0.25000	COMB12	16.6235	36-1	0.25000
36	0.00000	COMB13	-4.1041	36-1	0.00000
36	0.12500	COMB13	-1.2293	36-1	0.12500
36	0.12500	COMB13	-1.2293	36-1	0.12500
36	0.25000	COMB13	1.5478	36-1	0.25000
37	0.00000	COMB1	16.5482	37-1	0.00000
37	0.12500	COMB1	35.7507	37-1	0.12500
37	0.12500	COMB1	35.7507	37-1	0.12500
37	0.25000	COMB1	54.8214	37-1	0.25000
37	0.00000	COMB2	-3.4338	37-1	0.00000
37	0.12500	COMB2	15.8422	37-1	0.12500
37	0.12500	COMB2	15.8422	37-1	0.12500
37	0.25000	COMB2	34.6349	37-1	0.25000
37	0.00000	COMB3	-2.3977	37-1	0.00000
37	0.12500	COMB3	14.3910	37-1	0.12500
37	0.12500	COMB3	14.3910	37-1	0.12500
37	0.25000	COMB3	30.6963	37-1	0.25000
37	0.00000	COMB4	22.4422	37-1	0.00000
37	0.12500	COMB4	29.4585	37-1	0.12500
37	0.12500	COMB4	29.4585	37-1	0.12500
37	0.25000	COMB4	36.3430	37-1	0.25000

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
37	0.00000	COMB5	21.9823	37-1	0.00000
37	0.12500	COMB5	29.5800	37-1	0.12500
37	0.12500	COMB5	29.5800	37-1	0.12500
37	0.25000	COMB5	37.0458	37-1	0.25000
37	0.00000	COMB6	6.7061	37-1	0.00000
37	0.12500	COMB6	10.3716	37-1	0.12500
37	0.12500	COMB6	10.3716	37-1	0.12500
37	0.25000	COMB6	13.9466	37-1	0.25000
37	0.00000	COMB7	6.0703	37-1	0.00000
37	0.12500	COMB7	14.7925	37-1	0.12500
37	0.12500	COMB7	14.7925	37-1	0.12500
37	0.25000	COMB7	16.1046	37-1	0.25000
37	0.00000	COMB8	5.9133	37-1	0.00000
37	0.12500	COMB8	16.3834	37-1	0.12500
37	0.12500	COMB8	16.3834	37-1	0.12500
37	0.25000	COMB8	19.4433	37-1	0.25000
37	0.00000	COMB9	13.3276	37-1	0.00000
37	0.12500	COMB9	29.1565	37-1	0.12500
37	0.12500	COMB9	29.1565	37-1	0.12500
37	0.25000	COMB9	44.8877	37-1	0.25000
37	0.00000	COMB10	14.2114	37-1	0.00000
37	0.12500	COMB10	27.9187	37-1	0.12500
37	0.12500	COMB10	27.9187	37-1	0.12500
37	0.25000	COMB10	41.5283	37-1	0.25000
37	0.00000	COMB11	-2.5062	37-1	0.00000
37	0.12500	COMB11	12.1932	37-1	0.12500
37	0.12500	COMB11	12.1932	37-1	0.12500
37	0.25000	COMB11	26.5606	37-1	0.25000
37	0.00000	COMB12	16.6235	37-1	0.00000
37	0.12500	COMB12	21.8240	37-1	0.12500
37	0.12500	COMB12	21.8240	37-1	0.12500
37	0.25000	COMB12	26.9269	37-1	0.25000
37	0.00000	COMB13	1.5478	37-1	0.00000
37	0.12500	COMB13	5.2616	37-1	0.12500
37	0.12500	COMB13	5.2616	37-1	0.12500
37	0.25000	COMB13	8.8778	37-1	0.25000
38	0.00000	COMB1	54.8214	38-1	0.00000
38	0.12500	COMB1	78.5907	38-1	0.12500
38	0.12500	COMB1	78.5907	38-1	0.12500
38	0.25000	COMB1	102.2282	38-1	0.25000
38	0.00000	COMB2	34.6349	38-1	0.00000
38	0.12500	COMB2	59.2842	38-1	0.12500
38	0.12500	COMB2	59.2842	38-1	0.12500
38	0.25000	COMB2	83.4502	38-1	0.25000
38	0.00000	COMB3	30.6963	38-1	0.00000
38	0.12500	COMB3	52.1373	38-1	0.12500
38	0.12500	COMB3	52.1373	38-1	0.12500
38	0.25000	COMB3	73.0948	38-1	0.25000
38	0.00000	COMB4	36.3430	38-1	0.00000
38	0.12500	COMB4	44.3684	38-1	0.12500
38	0.12500	COMB4	44.3684	38-1	0.12500
38	0.25000	COMB4	52.2619	38-1	0.25000
38	0.00000	COMB5	37.0458	38-1	0.00000
38	0.12500	COMB5	45.8279	38-1	0.12500
38	0.12500	COMB5	45.8279	38-1	0.12500
38	0.25000	COMB5	54.4781	38-1	0.25000
38	0.00000	COMB6	13.9466	38-1	0.00000

**Table: Element Forces - Frames, Part 2 of 2**

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
38	0.12500	COMB6	18.3455	38-1	0.12500
38	0.12500	COMB6	18.3455	38-1	0.12500
38	0.25000	COMB6	22.6541	38-1	0.25000
38	0.00000	COMB7	16.1046	38-1	0.00000
38	0.12500	COMB7	25.9102	38-1	0.12500
38	0.12500	COMB7	25.9102	38-1	0.12500
38	0.25000	COMB7	28.3057	38-1	0.25000
38	0.00000	COMB8	19.4433	38-1	0.00000
38	0.12500	COMB8	31.4858	38-1	0.12500
38	0.12500	COMB8	31.4858	38-1	0.12500
38	0.25000	COMB8	36.1180	38-1	0.25000
38	0.00000	COMB9	44.8877	38-1	0.00000
38	0.12500	COMB9	64.5108	38-1	0.12500
38	0.12500	COMB9	64.5108	38-1	0.12500
38	0.25000	COMB9	84.0362	38-1	0.25000
38	0.00000	COMB10	41.5283	38-1	0.00000
38	0.12500	COMB10	58.4148	38-1	0.12500
38	0.12500	COMB10	58.4148	38-1	0.12500
38	0.25000	COMB10	75.2037	38-1	0.25000
38	0.00000	COMB11	26.5606	38-1	0.00000
38	0.12500	COMB11	45.3596	38-1	0.12500
38	0.12500	COMB11	45.3596	38-1	0.12500
38	0.25000	COMB11	63.8265	38-1	0.25000
38	0.00000	COMB12	26.9269	38-1	0.00000
38	0.12500	COMB12	32.8758	38-1	0.12500
38	0.12500	COMB12	32.8758	38-1	0.12500
38	0.25000	COMB12	38.7270	38-1	0.25000
38	0.00000	COMB13	8.8778	38-1	0.00000
38	0.12500	COMB13	13.5577	38-1	0.12500
38	0.12500	COMB13	13.5577	38-1	0.12500
38	0.25000	COMB13	18.1400	38-1	0.25000

**Table: Element Joint Forces - Frames, Part 1 of 2**

**Table: Element Joint Forces - Frames, Part 1 of 2**

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
1	1	COMB1	Combination	-30.747	0.000	200.369	0.0000	-102.2282
1	2	COMB1	Combination	-42.066	0.000	-185.604	0.0000	112.1324
1	1	COMB2	Combination	18.527	0.000	207.094	0.0000	-83.4502
1	2	COMB2	Combination	-29.706	0.000	-192.329	0.0000	125.6418
1	1	COMB3	Combination	12.433	0.000	179.596	0.0000	-73.0948
1	2	COMB3	Combination	-23.612	0.000	-164.831	0.0000	104.6218
1	1	COMB4	Combination	-75.431	0.000	65.368	0.0000	-52.2619
1	2	COMB4	Combination	-28.247	0.000	-50.602	0.0000	16.7056
1	1	COMB5	Combination	-70.131	0.000	71.870	0.0000	-54.4781
1	2	COMB5	Combination	-25.545	0.000	-57.105	0.0000	19.7099
1	1	COMB6	Combination	-26.099	0.000	36.221	0.0000	-22.6541
1	2	COMB6	Combination	-7.137	0.000	-25.694	0.0000	10.3069
1	1	COMB7	Combination	-29.184	0.000	38.036	0.0000	-28.3057
1	2	COMB7	Combination	-4.053	0.000	-26.689	0.0000	10.5600
1	1	COMB8	Combination	-28.062	0.000	57.161	0.0000	-36.1180
1	2	COMB8	Combination	-5.175	0.000	-45.814	0.0000	20.3361
1	1	COMB9	Combination	-38.766	0.000	165.561	0.0000	-84.0362
1	2	COMB9	Combination	-46.035	0.000	-154.623	0.0000	96.1269
1	1	COMB10	Combination	-43.963	0.000	142.107	0.0000	-75.2037
1	2	COMB10	Combination	-40.838	0.000	-131.169	0.0000	78.1981

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
1	1	COMB11	Combination	13.044	0.000	158.220	0.0000	-63.8265
1	2	COMB11	Combination	-22.783	0.000	-147.282	0.0000	95.5908
1	1	COMB12	Combination	-55.873	0.000	48.456	0.0000	-38.7270
1	2	COMB12	Combination	-20.926	0.000	-37.519	0.0000	12.3926
1	1	COMB13	Combination	-15.788	0.000	39.094	0.0000	-18.1400
1	2	COMB13	Combination	-7.076	0.000	-28.156	0.0000	14.7613
2	2	COMB1	Combination	42.066	0.000	185.604	0.0000	-112.1324
2	3	COMB1	Combination	-42.066	0.000	199.054	0.0000	140.7137
2	2	COMB2	Combination	29.706	0.000	192.329	0.0000	-125.6418
2	3	COMB2	Combination	-29.706	0.000	192.329	0.0000	125.6418
2	2	COMB3	Combination	23.612	0.000	164.831	0.0000	-104.6218
2	3	COMB3	Combination	-23.612	0.000	164.831	0.0000	104.6218
2	2	COMB4	Combination	28.247	0.000	50.602	0.0000	-16.7056
2	3	COMB4	Combination	-28.247	0.000	64.052	0.0000	45.2869
2	2	COMB5	Combination	25.545	0.000	57.105	0.0000	-19.7099
2	3	COMB5	Combination	-25.545	0.000	70.555	0.0000	48.2912
2	2	COMB6	Combination	7.137	0.000	25.694	0.0000	-10.3069
2	3	COMB6	Combination	-11.117	0.000	29.624	0.0000	18.6572
2	2	COMB7	Combination	4.053	0.000	26.689	0.0000	-10.5600
2	3	COMB7	Combination	-8.033	0.000	30.619	0.0000	18.9103
2	2	COMB8	Combination	5.175	0.000	45.814	0.0000	-20.3361
2	3	COMB8	Combination	-9.155	0.000	49.744	0.0000	28.6863
2	2	COMB9	Combination	46.035	0.000	154.623	0.0000	-96.1269
2	3	COMB9	Combination	-46.035	0.000	164.586	0.0000	117.2982
2	2	COMB10	Combination	40.838	0.000	131.169	0.0000	-78.1981
2	3	COMB10	Combination	-40.838	0.000	141.132	0.0000	99.3694
2	2	COMB11	Combination	22.783	0.000	147.282	0.0000	-95.5908
2	3	COMB11	Combination	-22.783	0.000	147.282	0.0000	95.5908
2	2	COMB12	Combination	20.926	0.000	37.519	0.0000	-12.3926
2	3	COMB12	Combination	-20.926	0.000	47.481	0.0000	33.5639
2	2	COMB13	Combination	7.076	0.000	28.156	0.0000	-14.7613
2	3	COMB13	Combination	-7.076	0.000	28.156	0.0000	14.7613
3	3	COMB1	Combination	42.066	0.000	-199.054	0.0000	-140.7137
3	4	COMB1	Combination	-42.066	0.000	213.819	0.0000	67.0988
3	3	COMB2	Combination	29.706	0.000	-192.329	0.0000	-125.6418
3	4	COMB2	Combination	-18.527	0.000	207.094	0.0000	83.4502
3	3	COMB3	Combination	23.612	0.000	-164.831	0.0000	-104.6218
3	4	COMB3	Combination	-12.433	0.000	179.596	0.0000	73.0948
3	3	COMB4	Combination	28.247	0.000	-64.052	0.0000	-45.2869
3	4	COMB4	Combination	2.619	0.000	78.818	0.0000	17.1325
3	3	COMB5	Combination	25.545	0.000	-70.555	0.0000	-48.2912
3	4	COMB5	Combination	-2.682	0.000	85.320	0.0000	19.3486
3	3	COMB6	Combination	11.117	0.000	-29.624	0.0000	-18.6572
3	4	COMB6	Combination	10.106	0.000	40.151	0.0000	13.5284
3	3	COMB7	Combination	8.033	0.000	-30.619	0.0000	-18.9103
3	4	COMB7	Combination	13.191	0.000	41.966	0.0000	19.1800
3	3	COMB8	Combination	9.155	0.000	-49.744	0.0000	-28.6863
3	4	COMB8	Combination	12.069	0.000	61.091	0.0000	26.9924
3	3	COMB9	Combination	46.035	0.000	-164.586	0.0000	-117.2982
3	4	COMB9	Combination	-15.169	0.000	175.524	0.0000	58.0144
3	3	COMB10	Combination	40.838	0.000	-141.132	0.0000	-99.3694
3	4	COMB10	Combination	-9.972	0.000	152.070	0.0000	49.1819
3	3	COMB11	Combination	22.783	0.000	-147.282	0.0000	-95.5908
3	4	COMB11	Combination	-13.044	0.000	158.220	0.0000	63.8265
3	3	COMB12	Combination	20.926	0.000	-47.481	0.0000	-33.5639
3	4	COMB12	Combination	1.938	0.000	58.419	0.0000	12.7052
3	3	COMB13	Combination	7.076	0.000	-28.156	0.0000	-14.7613

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
3	4	COMB13	Combination	15.788	0.000	39.094	0.0000	18.1400
22	4	COMB1	Combination	127.153	0.000	-197.728	0.0000	-67.0988
22	21	COMB1	Combination	-127.153	0.000	199.837	0.0000	17.4032
22	4	COMB2	Combination	20.507	0.000	-191.394	0.0000	-83.4502
22	21	COMB2	Combination	-20.507	0.000	199.128	0.0000	34.6349
22	4	COMB3	Combination	13.762	0.000	-165.727	0.0000	-73.0948
22	21	COMB3	Combination	-13.762	0.000	173.461	0.0000	30.6963
22	4	COMB4	Combination	77.694	0.000	-71.776	0.0000	-17.1325
22	21	COMB4	Combination	-77.694	0.000	73.885	0.0000	-1.0752
22	4	COMB5	Combination	83.560	0.000	-77.829	0.0000	-19.3486
22	21	COMB5	Combination	-83.560	0.000	79.938	0.0000	-0.3723
22	4	COMB6	Combination	11.131	0.000	-36.840	0.0000	-13.5284
22	21	COMB6	Combination	-11.365	0.000	38.344	0.0000	4.1305
22	4	COMB7	Combination	7.716	0.000	-21.535	0.0000	-19.1800
22	21	COMB7	Combination	-7.950	0.000	81.597	0.0000	6.2885
22	4	COMB8	Combination	8.958	0.000	-39.430	0.0000	-26.9924
22	21	COMB8	Combination	-9.192	0.000	99.492	0.0000	9.6272
22	4	COMB9	Combination	76.488	0.000	-162.594	0.0000	-58.0144
22	21	COMB9	Combination	-76.488	0.000	164.157	0.0000	17.1706
22	4	COMB10	Combination	70.735	0.000	-140.701	0.0000	-49.1819
22	21	COMB10	Combination	-70.735	0.000	142.264	0.0000	13.8112
22	4	COMB11	Combination	14.438	0.000	-146.407	0.0000	-63.8265
22	21	COMB11	Combination	-14.438	0.000	151.720	0.0000	26.5606
22	4	COMB12	Combination	57.553	0.000	-53.200	0.0000	-12.7052
22	21	COMB12	Combination	-57.553	0.000	54.763	0.0000	-0.7903
22	4	COMB13	Combination	-17.475	0.000	-36.268	0.0000	-18.1400
22	21	COMB13	Combination	17.475	0.000	37.830	0.0000	8.8778
23	21	COMB1	Combination	127.153	0.000	-149.328	0.0000	-17.4032
23	22	COMB1	Combination	-127.153	0.000	151.438	0.0000	-20.1925
23	21	COMB2	Combination	20.507	0.000	-148.408	0.0000	-34.6349
23	22	COMB2	Combination	-20.507	0.000	156.142	0.0000	-3.4338
23	21	COMB3	Combination	13.762	0.000	-128.509	0.0000	-30.6963
23	22	COMB3	Combination	-13.762	0.000	136.243	0.0000	-2.3977
23	21	COMB4	Combination	77.694	0.000	-51.839	0.0000	1.0752
23	22	COMB4	Combination	-77.694	0.000	53.948	0.0000	-14.2986
23	21	COMB5	Combination	83.560	0.000	-56.490	0.0000	0.3723
23	22	COMB5	Combination	-83.560	0.000	58.599	0.0000	-14.7585
23	21	COMB6	Combination	11.365	0.000	-27.733	0.0000	-4.1305
23	22	COMB6	Combination	-11.599	0.000	29.237	0.0000	-2.9907
23	21	COMB7	Combination	7.950	0.000	-9.629	0.0000	-6.2885
23	22	COMB7	Combination	-8.184	0.000	69.691	0.0000	-3.6265
23	21	COMB8	Combination	9.192	0.000	-23.612	0.0000	-9.6272
23	22	COMB8	Combination	-9.426	0.000	83.674	0.0000	-3.7836
23	21	COMB9	Combination	76.488	0.000	-123.452	0.0000	-17.1706
23	22	COMB9	Combination	-76.488	0.000	125.014	0.0000	-13.8877
23	21	COMB10	Combination	70.735	0.000	-106.479	0.0000	-13.8112
23	22	COMB10	Combination	-70.735	0.000	108.042	0.0000	-13.0040
23	21	COMB11	Combination	14.438	0.000	-113.611	0.0000	-26.5606
23	22	COMB11	Combination	-14.438	0.000	118.924	0.0000	-2.5062
23	21	COMB12	Combination	57.553	0.000	-38.425	0.0000	0.7903
23	22	COMB12	Combination	-57.553	0.000	39.988	0.0000	-10.5918
23	21	COMB13	Combination	-17.475	0.000	-28.539	0.0000	-8.8778
23	22	COMB13	Combination	17.475	0.000	30.101	0.0000	1.5478
24	22	COMB1	Combination	127.153	0.000	-108.603	0.0000	20.1925
24	23	COMB1	Combination	-127.153	0.000	110.713	0.0000	-47.6071
24	22	COMB2	Combination	20.507	0.000	-111.742	0.0000	3.4338
24	23	COMB2	Combination	-20.507	0.000	119.477	0.0000	-32.3362

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
24	22	COMB3	Combination	13.762	0.000	-96.730	0.0000	2.3977
24	23	COMB3	Combination	-13.762	0.000	104.465	0.0000	-27.5471
24	22	COMB4	Combination	77.694	0.000	-35.185	0.0000	14.2986
24	23	COMB4	Combination	-77.694	0.000	37.294	0.0000	-23.3584
24	22	COMB5	Combination	83.560	0.000	-38.659	0.0000	14.7585
24	23	COMB5	Combination	-83.560	0.000	40.769	0.0000	-24.6870
24	22	COMB6	Combination	11.599	0.000	-19.998	0.0000	2.9907
24	23	COMB6	Combination	-11.833	0.000	21.502	0.0000	-8.1781
24	22	COMB7	Combination	8.184	0.000	0.572	0.0000	3.6265
24	23	COMB7	Combination	-8.418	0.000	59.491	0.0000	-10.9914
24	22	COMB8	Combination	9.426	0.000	-10.067	0.0000	3.7836
24	23	COMB8	Combination	-9.660	0.000	70.129	0.0000	-13.8081
24	22	COMB9	Combination	76.488	0.000	-90.406	0.0000	13.8877
24	23	COMB9	Combination	-76.488	0.000	91.968	0.0000	-36.6844
24	22	COMB10	Combination	70.735	0.000	-77.601	0.0000	13.0040
24	23	COMB10	Combination	-70.735	0.000	79.164	0.0000	-32.5996
24	22	COMB11	Combination	14.438	0.000	-85.632	0.0000	2.5062
24	23	COMB11	Combination	-14.438	0.000	90.944	0.0000	-24.5782
24	22	COMB12	Combination	57.553	0.000	-26.083	0.0000	10.5918
24	23	COMB12	Combination	-57.553	0.000	27.645	0.0000	-17.3078
24	22	COMB13	Combination	-17.475	0.000	-21.826	0.0000	-1.5478
24	23	COMB13	Combination	17.475	0.000	23.389	0.0000	-4.1041
25	23	COMB1	Combination	127.153	0.000	-75.233	0.0000	47.6071
25	24	COMB1	Combination	-127.153	0.000	77.342	0.0000	-66.6790
25	23	COMB2	Combination	20.507	0.000	-81.338	0.0000	32.3362
25	24	COMB2	Combination	-20.507	0.000	89.072	0.0000	-53.6374
25	23	COMB3	Combination	13.762	0.000	-70.349	0.0000	27.5471
25	24	COMB3	Combination	-13.762	0.000	78.083	0.0000	-46.1010
25	23	COMB4	Combination	77.694	0.000	-21.591	0.0000	23.3584
25	24	COMB4	Combination	-77.694	0.000	23.700	0.0000	-29.0198
25	23	COMB5	Combination	83.560	0.000	-24.107	0.0000	24.6870
25	24	COMB5	Combination	-83.560	0.000	26.216	0.0000	-30.9774
25	23	COMB6	Combination	11.833	0.000	-13.587	0.0000	8.1781
25	24	COMB6	Combination	-12.067	0.000	15.091	0.0000	-11.7628
25	23	COMB7	Combination	8.418	0.000	9.097	0.0000	10.9914
25	24	COMB7	Combination	-8.652	0.000	50.965	0.0000	-16.2250
25	23	COMB8	Combination	9.660	0.000	1.239	0.0000	13.8081
25	24	COMB8	Combination	-9.894	0.000	58.824	0.0000	-21.0063
25	23	COMB9	Combination	76.488	0.000	-63.233	0.0000	36.6844
25	24	COMB9	Combination	-76.488	0.000	64.796	0.0000	-52.6881
25	23	COMB10	Combination	70.735	0.000	-53.860	0.0000	32.5996
25	24	COMB10	Combination	-70.735	0.000	55.423	0.0000	-46.2600
25	23	COMB11	Combination	14.438	0.000	-62.425	0.0000	24.5782
25	24	COMB11	Combination	-14.438	0.000	67.738	0.0000	-40.8486
25	23	COMB12	Combination	57.553	0.000	-16.008	0.0000	17.3078
25	24	COMB12	Combination	-57.553	0.000	17.570	0.0000	-21.5050
25	23	COMB13	Combination	-17.475	0.000	-16.153	0.0000	4.1041
25	24	COMB13	Combination	17.475	0.000	17.715	0.0000	-8.3376
26	24	COMB1	Combination	127.153	0.000	-48.478	0.0000	66.6790
26	25	COMB1	Combination	-127.153	0.000	50.588	0.0000	-79.0623
26	24	COMB2	Combination	20.507	0.000	-56.691	0.0000	53.6374
26	25	COMB2	Combination	-20.507	0.000	64.426	0.0000	-68.7771
26	24	COMB3	Combination	13.762	0.000	-48.936	0.0000	46.1010
26	25	COMB3	Combination	-13.762	0.000	56.670	0.0000	-59.3018
26	24	COMB4	Combination	77.694	0.000	-10.695	0.0000	29.0198
26	25	COMB4	Combination	-77.694	0.000	12.804	0.0000	-31.9572
26	24	COMB5	Combination	83.560	0.000	-12.451	0.0000	30.9774

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
26	25	COMB5	Combination	-83.560	0.000	14.560	0.0000	-34.3539
26	24	COMB6	Combination	12.067	0.000	-8.373	0.0000	11.7628
26	25	COMB6	Combination	-12.301	0.000	9.877	0.0000	-14.0440
26	24	COMB7	Combination	8.652	0.000	16.089	0.0000	16.2250
26	25	COMB7	Combination	-8.886	0.000	43.973	0.0000	-19.7105
26	24	COMB8	Combination	9.894	0.000	10.491	0.0000	21.0063
26	25	COMB8	Combination	-10.128	0.000	49.571	0.0000	-25.8913
26	24	COMB9	Combination	76.488	0.000	-41.365	0.0000	52.6881
26	25	COMB9	Combination	-76.488	0.000	42.928	0.0000	-63.2248
26	24	COMB10	Combination	70.735	0.000	-34.751	0.0000	46.2600
26	25	COMB10	Combination	-70.735	0.000	36.313	0.0000	-55.1429
26	24	COMB11	Combination	14.438	0.000	-43.609	0.0000	40.8486
26	25	COMB11	Combination	-14.438	0.000	48.922	0.0000	-52.4150
26	24	COMB12	Combination	57.553	0.000	-7.933	0.0000	21.5050
26	25	COMB12	Combination	-57.553	0.000	9.495	0.0000	-23.6834
26	24	COMB13	Combination	-17.475	0.000	-11.454	0.0000	8.3376
26	25	COMB13	Combination	17.475	0.000	13.016	0.0000	-11.3963
27	25	COMB1	Combination	127.153	0.000	-27.310	0.0000	79.0623
27	26	COMB1	Combination	-127.153	0.000	29.420	0.0000	-86.1535
27	25	COMB2	Combination	20.507	0.000	-36.977	0.0000	68.7771
27	26	COMB2	Combination	-20.507	0.000	44.712	0.0000	-78.9882
27	25	COMB3	Combination	13.762	0.000	-31.782	0.0000	59.3018
27	26	COMB3	Combination	-13.762	0.000	39.517	0.0000	-68.2142
27	25	COMB4	Combination	77.694	0.000	-2.051	0.0000	31.9572
27	26	COMB4	Combination	-77.694	0.000	4.160	0.0000	-32.7335
27	25	COMB5	Combination	83.560	0.000	-3.214	0.0000	34.3539
27	26	COMB5	Combination	-83.560	0.000	5.323	0.0000	-35.4210
27	25	COMB6	Combination	12.301	0.000	-4.175	0.0000	14.0440
27	26	COMB6	Combination	-12.535	0.000	5.679	0.0000	-15.2757
27	25	COMB7	Combination	8.886	0.000	21.771	0.0000	19.7105
27	26	COMB7	Combination	-9.120	0.000	38.292	0.0000	-21.7756
27	25	COMB8	Combination	10.128	0.000	17.987	0.0000	25.8913
27	26	COMB8	Combination	-10.362	0.000	42.076	0.0000	-28.9025
27	25	COMB9	Combination	76.488	0.000	-23.989	0.0000	63.2248
27	26	COMB9	Combination	-76.488	0.000	25.551	0.0000	-69.4172
27	25	COMB10	Combination	70.735	0.000	-19.558	0.0000	55.1429
27	26	COMB10	Combination	-70.735	0.000	21.120	0.0000	-60.2276
27	25	COMB11	Combination	14.438	0.000	-28.554	0.0000	52.4150
27	26	COMB11	Combination	-14.438	0.000	33.867	0.0000	-60.2176
27	25	COMB12	Combination	57.553	0.000	-1.526	0.0000	23.6834
27	26	COMB12	Combination	-57.553	0.000	3.088	0.0000	-24.2602
27	25	COMB13	Combination	-17.475	0.000	-7.601	0.0000	11.3963
27	26	COMB13	Combination	17.475	0.000	9.163	0.0000	-13.4919
28	26	COMB1	Combination	127.153	0.000	-10.511	0.0000	86.1535
28	27	COMB1	Combination	-127.153	0.000	12.621	0.0000	-89.0450
28	26	COMB2	Combination	20.507	0.000	-21.137	0.0000	78.9882
28	27	COMB2	Combination	-20.507	0.000	28.872	0.0000	-85.2393
28	26	COMB3	Combination	13.762	0.000	-17.976	0.0000	68.2142
28	27	COMB3	Combination	-13.762	0.000	25.710	0.0000	-73.6750
28	26	COMB4	Combination	77.694	0.000	4.834	0.0000	32.7335
28	27	COMB4	Combination	-77.694	0.000	-2.725	0.0000	-31.7886
28	26	COMB5	Combination	83.560	0.000	4.133	0.0000	35.4210
28	27	COMB5	Combination	-83.560	0.000	-2.024	0.0000	-34.6513
28	26	COMB6	Combination	12.535	0.000	-0.777	0.0000	15.2757
28	27	COMB6	Combination	-12.769	0.000	2.281	0.0000	-15.6580
28	26	COMB7	Combination	9.120	0.000	26.417	0.0000	21.7756
28	27	COMB7	Combination	-9.354	0.000	33.646	0.0000	-22.6792

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
28	26	COMB8	Combination	10.362	0.000	24.096	0.0000	28.9025
28	27	COMB8	Combination	-10.596	0.000	35.967	0.0000	-30.3864
28	26	COMB9	Combination	76.488	0.000	-10.129	0.0000	69.4172
28	27	COMB9	Combination	-76.488	0.000	11.691	0.0000	-72.1448
28	26	COMB10	Combination	70.735	0.000	-7.433	0.0000	60.2276
28	27	COMB10	Combination	-70.735	0.000	8.995	0.0000	-62.2811
28	26	COMB11	Combination	14.438	0.000	-16.454	0.0000	60.2176
28	27	COMB11	Combination	-14.438	0.000	21.766	0.0000	-64.9951
28	26	COMB12	Combination	57.553	0.000	3.577	0.0000	24.2602
28	27	COMB12	Combination	-57.553	0.000	-2.014	0.0000	-23.5614
28	26	COMB13	Combination	-17.475	0.000	-4.419	0.0000	13.4919
28	27	COMB13	Combination	17.475	0.000	5.982	0.0000	-14.7920
29	27	COMB1	Combination	127.153	0.000	3.244	0.0000	89.0450
29	28	COMB1	Combination	-127.153	0.000	-1.135	0.0000	-88.4977
29	27	COMB2	Combination	20.507	0.000	-7.958	0.0000	85.2393
29	28	COMB2	Combination	-20.507	0.000	15.693	0.0000	-88.1957
29	27	COMB3	Combination	13.762	0.000	-6.470	0.0000	73.6750
29	28	COMB3	Combination	-13.762	0.000	14.204	0.0000	-76.2592
29	27	COMB4	Combination	77.694	0.000	10.463	0.0000	31.7886
29	28	COMB4	Combination	-77.694	0.000	-8.353	0.0000	-29.4366
29	27	COMB5	Combination	83.560	0.000	10.135	0.0000	34.6513
29	28	COMB5	Combination	-83.560	0.000	-8.026	0.0000	-32.3813
29	27	COMB6	Combination	12.769	0.000	2.055	0.0000	15.6580
29	28	COMB6	Combination	-13.003	0.000	-0.551	0.0000	-15.3321
29	27	COMB7	Combination	9.354	0.000	30.334	0.0000	22.6792
29	28	COMB7	Combination	-9.588	0.000	29.729	0.0000	-22.6036
29	27	COMB8	Combination	10.596	0.000	29.235	0.0000	30.3864
29	28	COMB8	Combination	-10.830	0.000	30.828	0.0000	-30.5856
29	27	COMB9	Combination	76.488	0.000	1.281	0.0000	72.1448
29	28	COMB9	Combination	-76.488	0.000	0.281	0.0000	-72.0198
29	27	COMB10	Combination	70.735	0.000	2.551	0.0000	62.2811
29	28	COMB10	Combination	-70.735	0.000	-0.989	0.0000	-61.8386
29	27	COMB11	Combination	14.438	0.000	-6.383	0.0000	64.9951
29	28	COMB11	Combination	-14.438	0.000	11.695	0.0000	-67.2548
29	27	COMB12	Combination	57.553	0.000	7.748	0.0000	23.5614
29	28	COMB12	Combination	-57.553	0.000	-6.186	0.0000	-21.8197
29	27	COMB13	Combination	-17.475	0.000	-1.701	0.0000	14.7920
29	28	COMB13	Combination	17.475	0.000	3.263	0.0000	-15.4124
30	28	COMB1	Combination	127.153	0.000	15.323	0.0000	88.4977
30	29	COMB1	Combination	-127.153	0.000	-13.214	0.0000	-84.9305
30	28	COMB2	Combination	20.507	0.000	3.867	0.0000	88.1957
30	29	COMB2	Combination	-20.507	0.000	3.867	0.0000	-88.1957
30	28	COMB3	Combination	13.762	0.000	3.867	0.0000	76.2592
30	29	COMB3	Combination	-13.762	0.000	3.867	0.0000	-76.2592
30	28	COMB4	Combination	77.694	0.000	15.323	0.0000	29.4366
30	29	COMB4	Combination	-77.694	0.000	-13.214	0.0000	-25.8694
30	28	COMB5	Combination	83.560	0.000	15.323	0.0000	32.3813
30	29	COMB5	Combination	-83.560	0.000	-13.214	0.0000	-28.8141
30	28	COMB6	Combination	13.003	0.000	4.563	0.0000	15.3321
30	29	COMB6	Combination	-13.237	0.000	-3.059	0.0000	-14.3794
30	28	COMB7	Combination	9.588	0.000	33.842	0.0000	22.6036
30	29	COMB7	Combination	-9.822	0.000	26.220	0.0000	-21.6508
30	28	COMB8	Combination	10.830	0.000	33.842	0.0000	30.5856
30	29	COMB8	Combination	-11.064	0.000	26.220	0.0000	-29.6328
30	28	COMB9	Combination	76.488	0.000	11.351	0.0000	72.0198
30	29	COMB9	Combination	-76.488	0.000	-9.788	0.0000	-69.3775
30	28	COMB10	Combination	70.735	0.000	11.351	0.0000	61.8386



Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
30	29	COMB10	Combination	-70.735	0.000	-9.788	0.0000	-59.1963
30	28	COMB11	Combination	14.438	0.000	2.656	0.0000	67.2548
30	29	COMB11	Combination	-14.438	0.000	2.656	0.0000	-67.2548
30	28	COMB12	Combination	57.553	0.000	11.351	0.0000	21.8197
30	29	COMB12	Combination	-57.553	0.000	-9.788	0.0000	-19.1773
30	28	COMB13	Combination	-17.475	0.000	0.781	0.0000	15.4124
30	29	COMB13	Combination	17.475	0.000	0.781	0.0000	-15.4124
31	29	COMB1	Combination	127.153	0.000	27.087	0.0000	84.9305
31	30	COMB1	Combination	-127.153	0.000	-24.977	0.0000	-78.4225
31	29	COMB2	Combination	20.507	0.000	15.693	0.0000	88.1957
31	30	COMB2	Combination	-20.507	0.000	-7.958	0.0000	-85.2393
31	29	COMB3	Combination	13.762	0.000	14.204	0.0000	76.2592
31	30	COMB3	Combination	-13.762	0.000	-6.470	0.0000	-73.6750
31	29	COMB4	Combination	77.694	0.000	19.868	0.0000	25.8694
31	30	COMB4	Combination	-77.694	0.000	-17.758	0.0000	-21.1661
31	29	COMB5	Combination	83.560	0.000	20.196	0.0000	28.8141
31	30	COMB5	Combination	-83.560	0.000	-18.086	0.0000	-24.0289
31	29	COMB6	Combination	13.237	0.000	6.981	0.0000	14.3794
31	30	COMB6	Combination	-13.471	0.000	-5.477	0.0000	-12.8221
31	29	COMB7	Combination	9.822	0.000	37.261	0.0000	21.6508
31	30	COMB7	Combination	-10.056	0.000	22.801	0.0000	-19.8433
31	29	COMB8	Combination	11.064	0.000	38.360	0.0000	29.6328
31	30	COMB8	Combination	-11.298	0.000	21.702	0.0000	-27.5505
31	29	COMB9	Combination	76.488	0.000	21.186	0.0000	69.3775
31	30	COMB9	Combination	-76.488	0.000	-19.623	0.0000	-64.2763
31	29	COMB10	Combination	70.735	0.000	19.916	0.0000	59.1963
31	30	COMB10	Combination	-70.735	0.000	-18.354	0.0000	-54.4126
31	29	COMB11	Combination	14.438	0.000	11.695	0.0000	67.2548
31	30	COMB11	Combination	-14.438	0.000	-6.383	0.0000	-64.9951
31	29	COMB12	Combination	57.553	0.000	14.719	0.0000	19.1773
31	30	COMB12	Combination	-57.553	0.000	-13.156	0.0000	-15.6929
31	29	COMB13	Combination	-17.475	0.000	3.263	0.0000	15.4124
31	30	COMB13	Combination	17.475	0.000	-1.701	0.0000	-14.7920
32	30	COMB1	Combination	127.153	0.000	39.839	0.0000	78.4225
32	31	COMB1	Combination	-127.153	0.000	-37.729	0.0000	-68.7265
32	30	COMB2	Combination	20.507	0.000	28.872	0.0000	85.2393
32	31	COMB2	Combination	-20.507	0.000	-21.137	0.0000	-78.9882
32	30	COMB3	Combination	13.762	0.000	25.710	0.0000	73.6750
32	31	COMB3	Combination	-13.762	0.000	-17.976	0.0000	-68.2142
32	30	COMB4	Combination	77.694	0.000	24.493	0.0000	21.1661
32	31	COMB4	Combination	-77.694	0.000	-22.384	0.0000	-15.3065
32	30	COMB5	Combination	83.560	0.000	25.194	0.0000	24.0289
32	31	COMB5	Combination	-83.560	0.000	-23.085	0.0000	-17.9940
32	30	COMB6	Combination	13.471	0.000	9.530	0.0000	12.8221
32	31	COMB6	Combination	-13.705	0.000	-8.026	0.0000	-10.6275
32	30	COMB7	Combination	10.056	0.000	40.895	0.0000	19.8433
32	31	COMB7	Combination	-10.290	0.000	19.167	0.0000	-17.1273
32	30	COMB8	Combination	11.298	0.000	43.216	0.0000	27.5505
32	31	COMB8	Combination	-11.532	0.000	16.846	0.0000	-24.2542
32	30	COMB9	Combination	76.488	0.000	31.853	0.0000	64.2763
32	31	COMB9	Combination	-76.488	0.000	-30.291	0.0000	-56.5083
32	30	COMB10	Combination	70.735	0.000	29.157	0.0000	54.4126
32	31	COMB10	Combination	-70.735	0.000	-27.594	0.0000	-47.3187
32	30	COMB11	Combination	14.438	0.000	21.766	0.0000	64.9951
32	31	COMB11	Combination	-14.438	0.000	-16.454	0.0000	-60.2176
32	30	COMB12	Combination	57.553	0.000	18.148	0.0000	15.6929
32	31	COMB12	Combination	-57.553	0.000	-16.585	0.0000	-11.3513

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
32	30	COMB13	Combination	-17.475	0.000	5.982	0.0000	14.7920
32	31	COMB13	Combination	17.475	0.000	-4.419	0.0000	-13.4919
33	31	COMB1	Combination	127.153	0.000	54.785	0.0000	68.7265
33	32	COMB1	Combination	-127.153	0.000	-52.676	0.0000	-55.2939
33	31	COMB2	Combination	20.507	0.000	44.712	0.0000	78.9882
33	32	COMB2	Combination	-20.507	0.000	-36.977	0.0000	-68.7771
33	31	COMB3	Combination	13.762	0.000	39.517	0.0000	68.2142
33	32	COMB3	Combination	-13.762	0.000	-31.782	0.0000	-59.3018
33	31	COMB4	Combination	77.694	0.000	29.525	0.0000	15.3065
33	32	COMB4	Combination	-77.694	0.000	-27.416	0.0000	-8.1888
33	31	COMB5	Combination	83.560	0.000	30.689	0.0000	17.9940
33	32	COMB5	Combination	-83.560	0.000	-28.579	0.0000	-10.5855
33	31	COMB6	Combination	13.705	0.000	12.408	0.0000	10.6275
33	32	COMB6	Combination	-13.939	0.000	-10.904	0.0000	-7.7136
33	31	COMB7	Combination	10.290	0.000	45.020	0.0000	17.1273
33	32	COMB7	Combination	-10.524	0.000	15.042	0.0000	-13.3801
33	31	COMB8	Combination	11.532	0.000	48.805	0.0000	24.2542
33	32	COMB8	Combination	-11.766	0.000	11.258	0.0000	-19.5609
33	31	COMB9	Combination	76.488	0.000	44.340	0.0000	56.5083
33	32	COMB9	Combination	-76.488	0.000	-42.778	0.0000	-45.6185
33	31	COMB10	Combination	70.735	0.000	39.909	0.0000	47.3187
33	32	COMB10	Combination	-70.735	0.000	-38.347	0.0000	-37.5367
33	31	COMB11	Combination	14.438	0.000	33.867	0.0000	60.2176
33	32	COMB11	Combination	-14.438	0.000	-28.554	0.0000	-52.4150
33	31	COMB12	Combination	57.553	0.000	21.878	0.0000	11.3513
33	32	COMB12	Combination	-57.553	0.000	-20.315	0.0000	-6.0772
33	31	COMB13	Combination	-17.475	0.000	9.163	0.0000	13.4919
33	32	COMB13	Combination	17.475	0.000	-7.601	0.0000	-11.3963
34	32	COMB1	Combination	127.153	0.000	72.983	0.0000	55.2939
34	33	COMB1	Combination	-127.153	0.000	-70.873	0.0000	-37.3119
34	32	COMB2	Combination	20.507	0.000	64.426	0.0000	68.7771
34	33	COMB2	Combination	-20.507	0.000	-56.691	0.0000	-53.6374
34	32	COMB3	Combination	13.762	0.000	56.670	0.0000	59.3018
34	33	COMB3	Combination	-13.762	0.000	-48.936	0.0000	-46.1010
34	32	COMB4	Combination	77.694	0.000	35.199	0.0000	8.1888
34	33	COMB4	Combination	-77.694	0.000	-33.090	0.0000	0.3474
34	32	COMB5	Combination	83.560	0.000	36.955	0.0000	10.5855
34	33	COMB5	Combination	-83.560	0.000	-34.846	0.0000	-1.6103
34	32	COMB6	Combination	13.939	0.000	15.776	0.0000	7.7136
34	33	COMB6	Combination	-14.173	0.000	-14.272	0.0000	-3.9575
34	32	COMB7	Combination	10.524	0.000	49.873	0.0000	13.3801
34	33	COMB7	Combination	-10.758	0.000	10.190	0.0000	-8.4197
34	32	COMB8	Combination	11.766	0.000	55.471	0.0000	19.5609
34	33	COMB8	Combination	-12.000	0.000	4.592	0.0000	-13.2010
34	32	COMB9	Combination	76.488	0.000	59.517	0.0000	45.6185
34	33	COMB9	Combination	-76.488	0.000	-57.954	0.0000	-30.9346
34	32	COMB10	Combination	70.735	0.000	52.902	0.0000	37.5367
34	33	COMB10	Combination	-70.735	0.000	-51.339	0.0000	-24.5065
34	32	COMB11	Combination	14.438	0.000	48.922	0.0000	52.4150
34	33	COMB11	Combination	-14.438	0.000	-43.609	0.0000	-40.8486
34	32	COMB12	Combination	57.553	0.000	26.084	0.0000	6.0772
34	33	COMB12	Combination	-57.553	0.000	-24.521	0.0000	0.2485
34	32	COMB13	Combination	-17.475	0.000	13.016	0.0000	11.3963
34	33	COMB13	Combination	17.475	0.000	-11.454	0.0000	-8.3376
35	33	COMB1	Combination	127.153	0.000	95.284	0.0000	37.3119
35	34	COMB1	Combination	-127.153	0.000	-93.174	0.0000	-13.7546
35	33	COMB2	Combination	20.507	0.000	89.072	0.0000	53.6374

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
35	34	COMB2	Combination	-20.507	0.000	-81.338	0.0000	-32.3362
35	33	COMB3	Combination	13.762	0.000	78.083	0.0000	46.1010
35	34	COMB3	Combination	-13.762	0.000	-70.349	0.0000	-27.5471
35	33	COMB4	Combination	77.694	0.000	41.641	0.0000	-0.3474
35	34	COMB4	Combination	-77.694	0.000	-39.532	0.0000	10.4940
35	33	COMB5	Combination	83.560	0.000	44.158	0.0000	1.6103
35	34	COMB5	Combination	-83.560	0.000	-42.048	0.0000	9.1655
35	33	COMB6	Combination	14.173	0.000	19.754	0.0000	3.9575
35	34	COMB6	Combination	-14.407	0.000	-18.250	0.0000	0.7931
35	33	COMB7	Combination	10.758	0.000	55.629	0.0000	8.4197
35	34	COMB7	Combination	-10.992	0.000	4.433	0.0000	-2.0202
35	33	COMB8	Combination	12.000	0.000	63.488	0.0000	13.2010
35	34	COMB8	Combination	-12.234	0.000	-3.425	0.0000	-4.8369
35	33	COMB9	Combination	76.488	0.000	78.086	0.0000	30.9346
35	34	COMB9	Combination	-76.488	0.000	-76.523	0.0000	-11.6085
35	33	COMB10	Combination	70.735	0.000	68.713	0.0000	24.5065
35	34	COMB10	Combination	-70.735	0.000	-67.150	0.0000	-7.5237
35	33	COMB11	Combination	14.438	0.000	67.738	0.0000	40.8486
35	34	COMB11	Combination	-14.438	0.000	-62.425	0.0000	-24.5782
35	33	COMB12	Combination	57.553	0.000	30.860	0.0000	-0.2485
35	34	COMB12	Combination	-57.553	0.000	-29.297	0.0000	7.7681
35	33	COMB13	Combination	-17.475	0.000	17.715	0.0000	8.3376
35	34	COMB13	Combination	17.475	0.000	-16.153	0.0000	-4.1041
36	34	COMB1	Combination	127.153	0.000	122.266	0.0000	13.7546
36	35	COMB1	Combination	-127.153	0.000	-120.157	0.0000	16.5482
36	34	COMB2	Combination	20.507	0.000	119.477	0.0000	32.3362
36	35	COMB2	Combination	-20.507	0.000	-111.742	0.0000	-3.4338
36	34	COMB3	Combination	13.762	0.000	104.465	0.0000	27.5471
36	35	COMB3	Combination	-13.762	0.000	-96.730	0.0000	-2.3977
36	34	COMB4	Combination	77.694	0.000	48.847	0.0000	-10.4940
36	35	COMB4	Combination	-77.694	0.000	-46.738	0.0000	22.4422
36	34	COMB5	Combination	83.560	0.000	52.322	0.0000	-9.1655
36	35	COMB5	Combination	-83.560	0.000	-50.213	0.0000	21.9823
36	34	COMB6	Combination	14.407	0.000	24.404	0.0000	-0.7931
36	35	COMB6	Combination	-14.641	0.000	-22.900	0.0000	6.7061
36	34	COMB7	Combination	10.992	0.000	62.393	0.0000	2.0202
36	35	COMB7	Combination	-11.226	0.000	-2.331	0.0000	6.0703
36	34	COMB8	Combination	12.234	0.000	73.032	0.0000	4.8369
36	35	COMB8	Combination	-12.468	0.000	-12.969	0.0000	5.9133
36	34	COMB9	Combination	76.488	0.000	100.526	0.0000	11.6085
36	35	COMB9	Combination	-76.488	0.000	-98.963	0.0000	13.3276
36	34	COMB10	Combination	70.735	0.000	87.722	0.0000	7.5237
36	35	COMB10	Combination	-70.735	0.000	-86.159	0.0000	14.2114
36	34	COMB11	Combination	14.438	0.000	90.944	0.0000	24.5782
36	35	COMB11	Combination	-14.438	0.000	-85.632	0.0000	-2.5062
36	34	COMB12	Combination	57.553	0.000	36.203	0.0000	-7.7681
36	35	COMB12	Combination	-57.553	0.000	-34.640	0.0000	16.6235
36	34	COMB13	Combination	-17.475	0.000	23.389	0.0000	4.1041
36	35	COMB13	Combination	17.475	0.000	-21.826	0.0000	1.5478
37	35	COMB1	Combination	127.153	0.000	154.147	0.0000	-16.5482
37	36	COMB1	Combination	-127.153	0.000	-152.038	0.0000	54.8214
37	35	COMB2	Combination	20.507	0.000	156.142	0.0000	3.4338
37	36	COMB2	Combination	-20.507	0.000	-148.408	0.0000	34.6349
37	35	COMB3	Combination	13.762	0.000	136.243	0.0000	2.3977
37	36	COMB3	Combination	-13.762	0.000	-128.509	0.0000	30.6963
37	35	COMB4	Combination	77.694	0.000	56.658	0.0000	-22.4422
37	36	COMB4	Combination	-77.694	0.000	-54.549	0.0000	36.3430

**Table: Element Joint Forces - Frames, Part 1 of 2**

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
37	35	COMB5	Combination	83.560	0.000	61.309	0.0000	-21.9823
37	36	COMB5	Combination	-83.560	0.000	-59.200	0.0000	37.0458
37	35	COMB6	Combination	14.641	0.000	29.714	0.0000	-6.7061
37	36	COMB6	Combination	-14.875	0.000	-28.210	0.0000	13.9466
37	35	COMB7	Combination	11.226	0.000	70.168	0.0000	-6.0703
37	36	COMB7	Combination	-11.460	0.000	-10.106	0.0000	16.1046
37	35	COMB8	Combination	12.468	0.000	84.151	0.0000	-5.9133
37	36	COMB8	Combination	-12.702	0.000	-24.089	0.0000	19.4433
37	35	COMB9	Combination	76.488	0.000	127.022	0.0000	-13.3276
37	36	COMB9	Combination	-76.488	0.000	-125.459	0.0000	44.8877
37	35	COMB10	Combination	70.735	0.000	110.049	0.0000	-14.2114
37	36	COMB10	Combination	-70.735	0.000	-108.487	0.0000	41.5283
37	35	COMB11	Combination	14.438	0.000	118.924	0.0000	2.5062
37	36	COMB11	Combination	-14.438	0.000	-113.611	0.0000	26.5606
37	35	COMB12	Combination	57.553	0.000	41.995	0.0000	-16.6235
37	36	COMB12	Combination	-57.553	0.000	-40.432	0.0000	26.9269
37	35	COMB13	Combination	-17.475	0.000	30.101	0.0000	-1.5478
37	36	COMB13	Combination	17.475	0.000	-28.539	0.0000	8.8778
38	36	COMB1	Combination	127.153	0.000	190.682	0.0000	-54.8214
38	1	COMB1	Combination	-127.153	0.000	-188.573	0.0000	102.2282
38	36	COMB2	Combination	20.507	0.000	199.128	0.0000	-34.6349
38	1	COMB2	Combination	-20.507	0.000	-191.394	0.0000	83.4502
38	36	COMB3	Combination	13.762	0.000	173.461	0.0000	-30.6963
38	1	COMB3	Combination	-13.762	0.000	-165.727	0.0000	73.0948
38	36	COMB4	Combination	77.694	0.000	64.730	0.0000	-36.3430
38	1	COMB4	Combination	-77.694	0.000	-62.621	0.0000	52.2619
38	36	COMB5	Combination	83.560	0.000	70.784	0.0000	-37.0458
38	1	COMB5	Combination	-83.560	0.000	-68.674	0.0000	54.4781
38	36	COMB6	Combination	14.875	0.000	35.582	0.0000	-13.9466
38	1	COMB6	Combination	-15.109	0.000	-34.078	0.0000	22.6541
38	36	COMB7	Combination	11.460	0.000	78.836	0.0000	-16.1046
38	1	COMB7	Combination	-11.694	0.000	-18.773	0.0000	28.3057
38	36	COMB8	Combination	12.702	0.000	96.730	0.0000	-19.4433
38	1	COMB8	Combination	-12.936	0.000	-36.668	0.0000	36.1180
38	36	COMB9	Combination	76.488	0.000	157.375	0.0000	-44.8877
38	1	COMB9	Combination	-76.488	0.000	-155.813	0.0000	84.0362
38	36	COMB10	Combination	70.735	0.000	135.483	0.0000	-41.5283
38	1	COMB10	Combination	-70.735	0.000	-133.920	0.0000	75.2037
38	36	COMB11	Combination	14.438	0.000	151.720	0.0000	-26.5606
38	1	COMB11	Combination	-14.438	0.000	-146.407	0.0000	63.8265
38	36	COMB12	Combination	57.553	0.000	47.982	0.0000	-26.9269
38	1	COMB12	Combination	-57.553	0.000	-46.419	0.0000	38.7270
38	36	COMB13	Combination	-17.475	0.000	37.830	0.0000	-8.8778
38	1	COMB13	Combination	17.475	0.000	-36.268	0.0000	18.1400

**Table: Element Joint Forces - Frames, Part 2 of 2**

**Table: Element Joint Forces - Frames, Part 2 of 2**

Frame	Joint	OutputCase	M3	FrameElem
			KN-m	
1	1	COMB1	0.0000	1
1	2	COMB1	0.0000	1
1	1	COMB2	0.0000	1
1	2	COMB2	0.0000	1
1	1	COMB3	0.0000	1
1	2	COMB3	0.0000	1
1	1	COMB4	0.0000	1

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	M3 KN-m	FrameElem
1	2	COMB4	0.0000	1
1	1	COMB5	0.0000	1
1	2	COMB5	0.0000	1
1	1	COMB6	0.0000	1
1	2	COMB6	0.0000	1
1	1	COMB7	0.0000	1
1	2	COMB7	0.0000	1
1	1	COMB8	0.0000	1
1	2	COMB8	0.0000	1
1	1	COMB9	0.0000	1
1	2	COMB9	0.0000	1
1	1	COMB10	0.0000	1
1	2	COMB10	0.0000	1
1	1	COMB11	0.0000	1
1	2	COMB11	0.0000	1
1	1	COMB12	0.0000	1
1	2	COMB12	0.0000	1
1	1	COMB13	0.0000	1
1	2	COMB13	0.0000	1
2	2	COMB1	0.0000	2
2	3	COMB1	0.0000	2
2	2	COMB2	0.0000	2
2	3	COMB2	0.0000	2
2	2	COMB3	0.0000	2
2	3	COMB3	0.0000	2
2	2	COMB4	0.0000	2
2	3	COMB4	0.0000	2
2	2	COMB5	0.0000	2
2	3	COMB5	0.0000	2
2	2	COMB6	0.0000	2
2	3	COMB6	0.0000	2
2	2	COMB7	0.0000	2
2	3	COMB7	0.0000	2
2	2	COMB8	0.0000	2
2	3	COMB8	0.0000	2
2	2	COMB9	0.0000	2
2	3	COMB9	0.0000	2
2	2	COMB10	0.0000	2
2	3	COMB10	0.0000	2
2	2	COMB11	0.0000	2
2	3	COMB11	0.0000	2
2	2	COMB12	0.0000	2
2	3	COMB12	0.0000	2
2	2	COMB13	0.0000	2
2	3	COMB13	0.0000	2
3	3	COMB1	0.0000	3
3	4	COMB1	0.0000	3
3	3	COMB2	0.0000	3
3	4	COMB2	0.0000	3
3	3	COMB3	0.0000	3
3	4	COMB3	0.0000	3
3	3	COMB4	0.0000	3
3	4	COMB4	0.0000	3
3	3	COMB5	0.0000	3
3	4	COMB5	0.0000	3
3	3	COMB6	0.0000	3
3	4	COMB6	0.0000	3

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	M3 KN-m	FrameElem
3	3	COMB7	0.0000	3
3	4	COMB7	0.0000	3
3	3	COMB8	0.0000	3
3	4	COMB8	0.0000	3
3	3	COMB9	0.0000	3
3	4	COMB9	0.0000	3
3	3	COMB10	0.0000	3
3	4	COMB10	0.0000	3
3	3	COMB11	0.0000	3
3	4	COMB11	0.0000	3
3	3	COMB12	0.0000	3
3	4	COMB12	0.0000	3
3	3	COMB13	0.0000	3
3	4	COMB13	0.0000	3
22	4	COMB1	0.0000	4
22	21	COMB1	0.0000	4
22	4	COMB2	0.0000	4
22	21	COMB2	0.0000	4
22	4	COMB3	0.0000	4
22	21	COMB3	0.0000	4
22	4	COMB4	0.0000	4
22	21	COMB4	0.0000	4
22	4	COMB5	0.0000	4
22	21	COMB5	0.0000	4
22	4	COMB6	0.0000	4
22	21	COMB6	0.0000	4
22	4	COMB7	0.0000	4
22	21	COMB7	0.0000	4
22	4	COMB8	0.0000	4
22	21	COMB8	0.0000	4
22	4	COMB9	0.0000	4
22	21	COMB9	0.0000	4
22	4	COMB10	0.0000	4
22	21	COMB10	0.0000	4
22	4	COMB11	0.0000	4
22	21	COMB11	0.0000	4
22	4	COMB12	0.0000	4
22	21	COMB12	0.0000	4
22	4	COMB13	0.0000	4
22	21	COMB13	0.0000	4
23	21	COMB1	0.0000	5
23	22	COMB1	0.0000	5
23	21	COMB2	0.0000	5
23	22	COMB2	0.0000	5
23	21	COMB3	0.0000	5
23	22	COMB3	0.0000	5
23	21	COMB4	0.0000	5
23	22	COMB4	0.0000	5
23	21	COMB5	0.0000	5
23	22	COMB5	0.0000	5
23	21	COMB6	0.0000	5
23	22	COMB6	0.0000	5
23	21	COMB7	0.0000	5
23	22	COMB7	0.0000	5
23	21	COMB8	0.0000	5
23	22	COMB8	0.0000	5
23	21	COMB9	0.0000	5

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	M3 KN-m	FrameElem
23	22	COMB9	0.0000	5
23	21	COMB10	0.0000	5
23	22	COMB10	0.0000	5
23	21	COMB11	0.0000	5
23	22	COMB11	0.0000	5
23	21	COMB12	0.0000	5
23	22	COMB12	0.0000	5
23	21	COMB13	0.0000	5
23	22	COMB13	0.0000	5
24	22	COMB1	0.0000	6
24	23	COMB1	0.0000	6
24	22	COMB2	0.0000	6
24	23	COMB2	0.0000	6
24	22	COMB3	0.0000	6
24	23	COMB3	0.0000	6
24	22	COMB4	0.0000	6
24	23	COMB4	0.0000	6
24	22	COMB5	0.0000	6
24	23	COMB5	0.0000	6
24	22	COMB6	0.0000	6
24	23	COMB6	0.0000	6
24	22	COMB7	0.0000	6
24	23	COMB7	0.0000	6
24	22	COMB8	0.0000	6
24	23	COMB8	0.0000	6
24	22	COMB9	0.0000	6
24	23	COMB9	0.0000	6
24	22	COMB10	0.0000	6
24	23	COMB10	0.0000	6
24	22	COMB11	0.0000	6
24	23	COMB11	0.0000	6
24	22	COMB12	0.0000	6
24	23	COMB12	0.0000	6
24	22	COMB13	0.0000	6
24	23	COMB13	0.0000	6
25	23	COMB1	0.0000	7
25	24	COMB1	0.0000	7
25	23	COMB2	0.0000	7
25	24	COMB2	0.0000	7
25	23	COMB3	0.0000	7
25	24	COMB3	0.0000	7
25	23	COMB4	0.0000	7
25	24	COMB4	0.0000	7
25	23	COMB5	0.0000	7
25	24	COMB5	0.0000	7
25	23	COMB6	0.0000	7
25	24	COMB6	0.0000	7
25	23	COMB7	0.0000	7
25	24	COMB7	0.0000	7
25	23	COMB8	0.0000	7
25	24	COMB8	0.0000	7
25	23	COMB9	0.0000	7
25	24	COMB9	0.0000	7
25	23	COMB10	0.0000	7
25	24	COMB10	0.0000	7
25	23	COMB11	0.0000	7
25	24	COMB11	0.0000	7

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	M3 KN-m	FrameElem
25	23	COMB12	0.0000	7
25	24	COMB12	0.0000	7
25	23	COMB13	0.0000	7
25	24	COMB13	0.0000	7
26	24	COMB1	0.0000	8
26	25	COMB1	0.0000	8
26	24	COMB2	0.0000	8
26	25	COMB2	0.0000	8
26	24	COMB3	0.0000	8
26	25	COMB3	0.0000	8
26	24	COMB4	0.0000	8
26	25	COMB4	0.0000	8
26	24	COMB5	0.0000	8
26	25	COMB5	0.0000	8
26	24	COMB6	0.0000	8
26	25	COMB6	0.0000	8
26	24	COMB7	0.0000	8
26	25	COMB7	0.0000	8
26	24	COMB8	0.0000	8
26	25	COMB8	0.0000	8
26	24	COMB9	0.0000	8
26	25	COMB9	0.0000	8
26	24	COMB10	0.0000	8
26	25	COMB10	0.0000	8
26	24	COMB11	0.0000	8
26	25	COMB11	0.0000	8
26	24	COMB12	0.0000	8
26	25	COMB12	0.0000	8
26	24	COMB13	0.0000	8
26	25	COMB13	0.0000	8
27	25	COMB1	0.0000	9
27	26	COMB1	0.0000	9
27	25	COMB2	0.0000	9
27	26	COMB2	0.0000	9
27	25	COMB3	0.0000	9
27	26	COMB3	0.0000	9
27	25	COMB4	0.0000	9
27	26	COMB4	0.0000	9
27	25	COMB5	0.0000	9
27	26	COMB5	0.0000	9
27	25	COMB6	0.0000	9
27	26	COMB6	0.0000	9
27	25	COMB7	0.0000	9
27	26	COMB7	0.0000	9
27	25	COMB8	0.0000	9
27	26	COMB8	0.0000	9
27	25	COMB9	0.0000	9
27	26	COMB9	0.0000	9
27	25	COMB10	0.0000	9
27	26	COMB10	0.0000	9
27	25	COMB11	0.0000	9
27	26	COMB11	0.0000	9
27	25	COMB12	0.0000	9
27	26	COMB12	0.0000	9
27	25	COMB13	0.0000	9
27	26	COMB13	0.0000	9
28	26	COMB1	0.0000	10



Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	M3 KN-m	FrameElem
28	27	COMB1	0.0000	10
28	26	COMB2	0.0000	10
28	27	COMB2	0.0000	10
28	26	COMB3	0.0000	10
28	27	COMB3	0.0000	10
28	26	COMB4	0.0000	10
28	27	COMB4	0.0000	10
28	26	COMB5	0.0000	10
28	27	COMB5	0.0000	10
28	26	COMB6	0.0000	10
28	27	COMB6	0.0000	10
28	26	COMB7	0.0000	10
28	27	COMB7	0.0000	10
28	26	COMB8	0.0000	10
28	27	COMB8	0.0000	10
28	26	COMB9	0.0000	10
28	27	COMB9	0.0000	10
28	26	COMB10	0.0000	10
28	27	COMB10	0.0000	10
28	26	COMB11	0.0000	10
28	27	COMB11	0.0000	10
28	26	COMB12	0.0000	10
28	27	COMB12	0.0000	10
28	26	COMB13	0.0000	10
28	27	COMB13	0.0000	10
29	27	COMB1	0.0000	11
29	28	COMB1	0.0000	11
29	27	COMB2	0.0000	11
29	28	COMB2	0.0000	11
29	27	COMB3	0.0000	11
29	28	COMB3	0.0000	11
29	27	COMB4	0.0000	11
29	28	COMB4	0.0000	11
29	27	COMB5	0.0000	11
29	28	COMB5	0.0000	11
29	27	COMB6	0.0000	11
29	28	COMB6	0.0000	11
29	27	COMB7	0.0000	11
29	28	COMB7	0.0000	11
29	27	COMB8	0.0000	11
29	28	COMB8	0.0000	11
29	27	COMB9	0.0000	11
29	28	COMB9	0.0000	11
29	27	COMB10	0.0000	11
29	28	COMB10	0.0000	11
29	27	COMB11	0.0000	11
29	28	COMB11	0.0000	11
29	27	COMB12	0.0000	11
29	28	COMB12	0.0000	11
29	27	COMB13	0.0000	11
29	28	COMB13	0.0000	11
30	28	COMB1	0.0000	12
30	29	COMB1	0.0000	12
30	28	COMB2	0.0000	12
30	29	COMB2	0.0000	12
30	28	COMB3	0.0000	12
30	29	COMB3	0.0000	12

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	M3 KN-m	FrameElem
30	28	COMB4	0.0000	12
30	29	COMB4	0.0000	12
30	28	COMB5	0.0000	12
30	29	COMB5	0.0000	12
30	28	COMB6	0.0000	12
30	29	COMB6	0.0000	12
30	28	COMB7	0.0000	12
30	29	COMB7	0.0000	12
30	28	COMB8	0.0000	12
30	29	COMB8	0.0000	12
30	28	COMB9	0.0000	12
30	29	COMB9	0.0000	12
30	28	COMB10	0.0000	12
30	29	COMB10	0.0000	12
30	28	COMB11	0.0000	12
30	29	COMB11	0.0000	12
30	28	COMB12	0.0000	12
30	29	COMB12	0.0000	12
30	28	COMB13	0.0000	12
30	29	COMB13	0.0000	12
31	29	COMB1	0.0000	13
31	30	COMB1	0.0000	13
31	29	COMB2	0.0000	13
31	30	COMB2	0.0000	13
31	29	COMB3	0.0000	13
31	30	COMB3	0.0000	13
31	29	COMB4	0.0000	13
31	30	COMB4	0.0000	13
31	29	COMB5	0.0000	13
31	30	COMB5	0.0000	13
31	29	COMB6	0.0000	13
31	30	COMB6	0.0000	13
31	29	COMB7	0.0000	13
31	30	COMB7	0.0000	13
31	29	COMB8	0.0000	13
31	30	COMB8	0.0000	13
31	29	COMB9	0.0000	13
31	30	COMB9	0.0000	13
31	29	COMB10	0.0000	13
31	30	COMB10	0.0000	13
31	29	COMB11	0.0000	13
31	30	COMB11	0.0000	13
31	29	COMB12	0.0000	13
31	30	COMB12	0.0000	13
31	29	COMB13	0.0000	13
31	30	COMB13	0.0000	13
32	30	COMB1	0.0000	14
32	31	COMB1	0.0000	14
32	30	COMB2	0.0000	14
32	31	COMB2	0.0000	14
32	30	COMB3	0.0000	14
32	31	COMB3	0.0000	14
32	30	COMB4	0.0000	14
32	31	COMB4	0.0000	14
32	30	COMB5	0.0000	14
32	31	COMB5	0.0000	14
32	30	COMB6	0.0000	14

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	M3 KN-m	FrameElem
32	31	COMB6	0.0000	14
32	30	COMB7	0.0000	14
32	31	COMB7	0.0000	14
32	30	COMB8	0.0000	14
32	31	COMB8	0.0000	14
32	30	COMB9	0.0000	14
32	31	COMB9	0.0000	14
32	30	COMB10	0.0000	14
32	31	COMB10	0.0000	14
32	30	COMB11	0.0000	14
32	31	COMB11	0.0000	14
32	30	COMB12	0.0000	14
32	31	COMB12	0.0000	14
32	30	COMB13	0.0000	14
32	31	COMB13	0.0000	14
33	31	COMB1	0.0000	15
33	32	COMB1	0.0000	15
33	31	COMB2	0.0000	15
33	32	COMB2	0.0000	15
33	31	COMB3	0.0000	15
33	32	COMB3	0.0000	15
33	31	COMB4	0.0000	15
33	32	COMB4	0.0000	15
33	31	COMB5	0.0000	15
33	32	COMB5	0.0000	15
33	31	COMB6	0.0000	15
33	32	COMB6	0.0000	15
33	31	COMB7	0.0000	15
33	32	COMB7	0.0000	15
33	31	COMB8	0.0000	15
33	32	COMB8	0.0000	15
33	31	COMB9	0.0000	15
33	32	COMB9	0.0000	15
33	31	COMB10	0.0000	15
33	32	COMB10	0.0000	15
33	31	COMB11	0.0000	15
33	32	COMB11	0.0000	15
33	31	COMB12	0.0000	15
33	32	COMB12	0.0000	15
33	31	COMB13	0.0000	15
33	32	COMB13	0.0000	15
34	32	COMB1	0.0000	16
34	33	COMB1	0.0000	16
34	32	COMB2	0.0000	16
34	33	COMB2	0.0000	16
34	32	COMB3	0.0000	16
34	33	COMB3	0.0000	16
34	32	COMB4	0.0000	16
34	33	COMB4	0.0000	16
34	32	COMB5	0.0000	16
34	33	COMB5	0.0000	16
34	32	COMB6	0.0000	16
34	33	COMB6	0.0000	16
34	32	COMB7	0.0000	16
34	33	COMB7	0.0000	16
34	32	COMB8	0.0000	16
34	33	COMB8	0.0000	16

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	M3 KN-m	FrameElem
34	32	COMB9	0.0000	16
34	33	COMB9	0.0000	16
34	32	COMB10	0.0000	16
34	33	COMB10	0.0000	16
34	32	COMB11	0.0000	16
34	33	COMB11	0.0000	16
34	32	COMB12	0.0000	16
34	33	COMB12	0.0000	16
34	32	COMB13	0.0000	16
34	33	COMB13	0.0000	16
35	33	COMB1	0.0000	17
35	34	COMB1	0.0000	17
35	33	COMB2	0.0000	17
35	34	COMB2	0.0000	17
35	33	COMB3	0.0000	17
35	34	COMB3	0.0000	17
35	33	COMB4	0.0000	17
35	34	COMB4	0.0000	17
35	33	COMB5	0.0000	17
35	34	COMB5	0.0000	17
35	33	COMB6	0.0000	17
35	34	COMB6	0.0000	17
35	33	COMB7	0.0000	17
35	34	COMB7	0.0000	17
35	33	COMB8	0.0000	17
35	34	COMB8	0.0000	17
35	33	COMB9	0.0000	17
35	34	COMB9	0.0000	17
35	33	COMB10	0.0000	17
35	34	COMB10	0.0000	17
35	33	COMB11	0.0000	17
35	34	COMB11	0.0000	17
35	33	COMB12	0.0000	17
35	34	COMB12	0.0000	17
35	33	COMB13	0.0000	17
35	34	COMB13	0.0000	17
36	34	COMB1	0.0000	18
36	35	COMB1	0.0000	18
36	34	COMB2	0.0000	18
36	35	COMB2	0.0000	18
36	34	COMB3	0.0000	18
36	35	COMB3	0.0000	18
36	34	COMB4	0.0000	18
36	35	COMB4	0.0000	18
36	34	COMB5	0.0000	18
36	35	COMB5	0.0000	18
36	34	COMB6	0.0000	18
36	35	COMB6	0.0000	18
36	34	COMB7	0.0000	18
36	35	COMB7	0.0000	18
36	34	COMB8	0.0000	18
36	35	COMB8	0.0000	18
36	34	COMB9	0.0000	18
36	35	COMB9	0.0000	18
36	34	COMB10	0.0000	18
36	35	COMB10	0.0000	18
36	34	COMB11	0.0000	18

Table: Element Joint Forces - Frames, Part 2 of 2

Frame	Joint	OutputCase	M3 KN-m	FrameElem
36	35	COMB11	0.0000	18
36	34	COMB12	0.0000	18
36	35	COMB12	0.0000	18
36	34	COMB13	0.0000	18
36	35	COMB13	0.0000	18
37	35	COMB1	0.0000	19
37	36	COMB1	0.0000	19
37	35	COMB2	0.0000	19
37	36	COMB2	0.0000	19
37	35	COMB3	0.0000	19
37	36	COMB3	0.0000	19
37	35	COMB4	0.0000	19
37	36	COMB4	0.0000	19
37	35	COMB5	0.0000	19
37	36	COMB5	0.0000	19
37	35	COMB6	0.0000	19
37	36	COMB6	0.0000	19
37	35	COMB7	0.0000	19
37	36	COMB7	0.0000	19
37	35	COMB8	0.0000	19
37	36	COMB8	0.0000	19
37	35	COMB9	0.0000	19
37	36	COMB9	0.0000	19
37	35	COMB10	0.0000	19
37	36	COMB10	0.0000	19
37	35	COMB11	0.0000	19
37	36	COMB11	0.0000	19
37	35	COMB12	0.0000	19
37	36	COMB12	0.0000	19
37	35	COMB13	0.0000	19
37	36	COMB13	0.0000	19
38	36	COMB1	0.0000	20
38	1	COMB1	0.0000	20
38	36	COMB2	0.0000	20
38	1	COMB2	0.0000	20
38	36	COMB3	0.0000	20
38	1	COMB3	0.0000	20
38	36	COMB4	0.0000	20
38	1	COMB4	0.0000	20
38	36	COMB5	0.0000	20
38	1	COMB5	0.0000	20
38	36	COMB6	0.0000	20
38	1	COMB6	0.0000	20
38	36	COMB7	0.0000	20
38	1	COMB7	0.0000	20
38	36	COMB8	0.0000	20
38	1	COMB8	0.0000	20
38	36	COMB9	0.0000	20
38	1	COMB9	0.0000	20
38	36	COMB10	0.0000	20
38	1	COMB10	0.0000	20
38	36	COMB11	0.0000	20
38	1	COMB11	0.0000	20
38	36	COMB12	0.0000	20
38	1	COMB12	0.0000	20
38	36	COMB13	0.0000	20
38	1	COMB13	0.0000	20

**Table: Frame Section Properties 01 - General, Part 1 of 6**

Table: Frame Section Properties 01 - General, Part 1 of 6

SectionName	Material	Shape	t3 m	t2 m	tf m	tw m
RITTO100X25	C40/50	Rectangular	0.250000	1.000000		
SOL100X25	C40/50	Rectangular	0.250000	1.000000		

**Table: Frame Section Properties 01 - General, Part 2 of 6**

Table: Frame Section Properties 01 - General, Part 2 of 6

SectionName	t2b m	tfb m	Area m2	TorsConst m4	I33 m4	I22 m4	AS2 m2
RITTO100X25			0.250000	0.004388	0.001302	0.020833	0.208333
SOL100X25			0.250000	0.004388	0.001302	0.020833	0.208333

**Table: Frame Section Properties 01 - General, Part 3 of 6**

Table: Frame Section Properties 01 - General, Part 3 of 6

SectionName	AS3 m2	S33 m3	S22 m3	Z33 m3	Z22 m3	R33 m	R22 m
RITTO100X25	0.208333	0.010417	0.041667	0.015625	0.062500	0.072169	0.288675
SOL100X25	0.208333	0.010417	0.041667	0.015625	0.062500	0.072169	0.288675

**Table: Frame Section Properties 01 - General, Part 4 of 6**

Table: Frame Section Properties 01 - General, Part 4 of 6

SectionName	ConcCol	ConcBeam	Color	TotalWt KN	TotalMass KN-s2/m	FromFile	AMod
RITTO100X25	Yes	No	Gray8Dark	21.875	2.23	No	1.000000
SOL100X25	Yes	No	White	53.125	5.42	No	1.000000

**Table: Frame Section Properties 01 - General, Part 5 of 6**

Table: Frame Section Properties 01 - General, Part 5 of 6

SectionName	A2Mod	A3Mod	JMod	I2Mod	I3Mod	MMod	WMod
RITTO100X25	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000
SOL100X25	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000	1.000000

**Table: Frame Section Properties 01 - General, Part 6 of 6**

Table: Frame Section Properties 01 - General, Part 6 of 6

SectionName	GUID	Notes
RITTO100X25		Added 11/10/2017 7:36:26 PM
SOL100X25		Added 11/10/2017 7:43:06 PM

**Table: Grid Lines, Part 1 of 2**

Table: Grid Lines, Part 1 of 2

CoordSys	AxisDir	GridID	XRYZCoord m	LineType	LineColor	Visible	BubbleLoc	AllVisible
GLOBAL	X	A	-2.12500	Primary	Gray8Dark	Yes	End	Yes
GLOBAL	X	B	-1.87500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	C	-1.62500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	D	-1.37500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	E	-1.12500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	F	-0.87500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	G	-0.62500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	H	-0.37500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	I	-0.12500	Primary	Gray8Dark	Yes	End	

Table: Grid Lines, Part 1 of 2

CoordSys	AxisDir	GridID	XXYZCoord m	LineType	LineColor	Visible	BubbleLoc	AllVisible
GLOBAL	X	J	0.12500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	K	0.37500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	L	0.62500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	M	0.87500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	N	1.12500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	O	1.37500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	P	1.62500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	Q	1.87500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	R	2.12500	Primary	Gray8Dark	Yes	End	
GLOBAL	Y	1	0.00000	Primary	Gray8Dark	Yes	Start	
GLOBAL	Z	Z1	0.00000	Primary	Gray8Dark	Yes	End	
GLOBAL	Z	Z2	1.75000	Primary	Gray8Dark	Yes	End	

Table: Load Case Definitions, Part 1 of 2

Table: Load Case Definitions, Part 1 of 2

Case	Type	InitialCond	DesTypeOpt	DesignType	AutoType
DEAD	LinStatic	Zero	Prog Det	DEAD	None
Ricoprimento	LinStatic	Zero	Prog Det	LIVE	None
Spinta Terre	LinStatic	Zero	Prog Det	LIVE	None
Incr Spinta Terre	LinStatic	Zero	Prog Det	LIVE	None
Acqua interna	LinStatic	Zero	Prog Det	LIVE	None
Carico Mobile Q1	LinStatic	Zero	Prog Det	LIVE	None
Carico Mobile q1k	LinStatic	Zero	Prog Det	LIVE	None
Sisma Dir X	LinStatic	Zero	Prog Det	QUAKE	None
Sisma Dir V+Z	LinStatic	Zero	Prog Det	QUAKE	None
Sisma Dir V-Z	LinStatic	Zero	Prog Det	QUAKE	None
IncrSisma su terre dir X	LinStatic	Zero	Prog Det	QUAKE	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		
Ricoprimento	Yes	Finished		
Spinta Terre	Yes	Finished		
Incr Spinta Terre	Yes	Finished		
Acqua interna	Yes	Finished		
Carico Mobile Q1	Yes	Finished		
Carico Mobile q1k	Yes	Finished		
Sisma Dir X	Yes	Finished		
Sisma Dir V+Z	Yes	Finished		
Sisma Dir V-Z	Yes	Finished		
IncrSisma su terre dir X	Yes	Finished		

Table: Load Pattern Definitions

Table: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad	GUID	Notes
DEAD	DEAD	1.000000			
Ricoprimento	LIVE	0.000000			
Spinta Terre	LIVE	0.000000			
Incr Spinta Terre	LIVE	0.000000			
Acqua interna	LIVE	0.000000			

Table: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad	GUID	Notes
Carico Mobile Q1	LIVE	0.000000			
Carico Mobile q1k	LIVE	0.000000			
Sisma Dir X	QUAKE	0.000000			
Sisma Dir V+Z	QUAKE	0.000000			
Sisma Dir V-Z	QUAKE	0.000000			
IncrSisma su terre dir X	QUAKE	0.000000			

Table: Material Properties 02 - Basic Mechanical Properties

Table: Material Properties 02 - Basic Mechanical Properties

Material	UnitWeight	UnitMass	E1	G12	U12	A1
	KN/m3	KN-s2/m4	KN/m2	KN/m2		1/C
C40/50	2.5000E+01	2.5493E+00	35220000.00	14675000.00	0.200000	9.9000E-06

Table: Material Properties 03b - Concrete Data, Part 1 of 2

Table: Material Properties 03b - Concrete Data, Part 1 of 2

Material	Fc	LtWtConc	SSCurveOpt	SSHysType	SFc	SCap	FinalSlope	FAngle
	KN/m2							Degrees
C40/50	40000.00	No	Mander	Takeda	0.002219	0.005000	-0.100000	0.000

Table: Material Properties 06 - Damping Parameters

Table: Material Properties 06 - Damping Parameters

Material	ModalRatio	VisMass	VisStiff	HysMass	HysStiff
		1/Sec	Sec	1/Sec2	
C40/50	0.0000	0.0000	0.0000	0.0000	0.000000

Table: Objects And Elements - Frames

Table: Objects And Elements - Frames

FrameElem	FrameObject	ElemJtl	ElemJtJ
1-1	1	1	2
2-1	2	2	3
3-1	3	3	4
22-1	22	4	21
23-1	23	21	22
24-1	24	22	23
25-1	25	23	24
26-1	26	24	25
27-1	27	25	26
28-1	28	26	27
29-1	29	27	28
30-1	30	28	29
31-1	31	29	30
32-1	32	30	31
33-1	33	31	32
34-1	34	32	33
35-1	35	33	34
36-1	36	34	35
37-1	37	35	36
38-1	38	36	1



**Table: Objects And Elements - Joints**

Table: Objects And Elements - Joints

JointElem	JointObject	GlobalX m	GlobalY m	GlobalZ m
1	1	-2.12500	0.00000	0.00000
2	2	-2.12500	0.00000	1.75000
3	3	2.12500	0.00000	1.75000
4	4	2.12500	0.00000	0.00000
21	21	1.87500	0.00000	0.00000
22	22	1.62500	0.00000	0.00000
23	23	1.37500	0.00000	0.00000
24	24	1.12500	0.00000	0.00000
25	25	0.87500	0.00000	0.00000
26	26	0.62500	0.00000	0.00000
27	27	0.37500	0.00000	0.00000
28	28	0.12500	0.00000	0.00000
29	29	-0.12500	0.00000	0.00000
30	30	-0.37500	0.00000	0.00000
31	31	-0.62500	0.00000	0.00000
32	32	-0.87500	0.00000	0.00000
33	33	-1.12500	0.00000	0.00000
34	34	-1.37500	0.00000	0.00000
35	35	-1.62500	0.00000	0.00000
36	36	-1.87500	0.00000	0.00000

**Table: Program Control, Part 1 of 3**

Table: Program Control, Part 1 of 3

ProgramName	Version	ProgLevel	_icenseNum	LicenseOS	LicenseSC	LicenseBR	LicenseHT	CurrUnits
SAP2000	14.0.0	Advanced		Yes	Yes	Yes	No	KN, m, C

**SCATOLARE 400X150 S=40 cm ESTRATTO TABULATI DI CALCOLO****Table: Case - Static 1 - Load Assignments**

Table: Case - Static 1 - Load Assignments

Case	LoadType	LoadName	LoadSF
DEAD	.oad pattern	DEAD	1.000000
Ricoprimento	.oad pattern	Ricoprimento	1.000000
Spinta Terre	.oad pattern	Spinta Terre	1.000000
Incr Spinta Terre	.oad pattern	Incr Spinta Terre	1.000000
Acqua interna	.oad pattern	Acqua interna	1.000000
Carico Mobile Q1	.oad pattern	Carico Mobile Q1	1.000000
Sisma Dir X	.oad pattern	Sisma Dir X	1.000000
Sisma Dir V+Z	.oad pattern	Sisma Dir V+Z	1.000000
Sisma Dir V-Z	.oad pattern	Sisma Dir V-Z	1.000000
ncrSisma su terre dir X	.oad pattern	ncrSisma su terre dir X	1.000000

## Table: Combination Definitions, Part 1 of 3

Table: Combination Definitions, Part 1 of 3

ComboName	ComboType	AutoDesign	CaseType	CaseName	ScaleFactor	SteelDesign
COMB1			Linear Static	DEAD	1.350000	
COMB1			Linear Static	Ricoprimento	1.350000	
COMB1			Linear Static	Carico Mobile Q1	1.350000	
COMB1			Linear Static	Spinta Terre	1.350000	
COMB2			Linear Static	DEAD	1.350000	
COMB2			Linear Static	Ricoprimento	1.350000	
COMB2			Linear Static	Acqua interna	1.000000	
COMB2			Linear Static	Carico Mobile Q1	1.350000	
COMB2			Linear Static	Spinta Terre	1.350000	
COMB3			Linear Static	DEAD	1.350000	
COMB3			Linear Static	Ricoprimento	1.350000	
COMB3			Linear Static	Acqua interna	1.500000	
COMB3			Linear Static	Carico Mobile Q1	1.010000	
COMB3			Linear Static	Spinta Terre	1.350000	
COMB4			Linear Static	DEAD	1.350000	
COMB4			Linear Static	Ricoprimento	1.350000	
COMB4			Linear Static	Spinta Terre	1.350000	
COMB4			Linear Static	Incr Spinta Terre	1.350000	
COMB5			Linear Static	DEAD	1.350000	
COMB5			Linear Static	Ricoprimento	1.350000	
COMB5			Linear Static	Spinta Terre	1.000000	
COMB5			Linear Static	Incr Spinta Terre	1.350000	
COMB6			Linear Static	DEAD	1.000000	
COMB6			Linear Static	Ricoprimento	1.000000	
COMB6			Linear Static	Spinta Terre	1.000000	
COMB6			Linear Static	Sisma Dir X	1.000000	
COMB6			Linear Static	Sisma Dir V+Z	0.500000	
COMB6			Linear Static	IncrSisma su terre dir X	1.000000	
COMB7			Linear Static	DEAD	1.000000	
COMB7			Linear Static	Ricoprimento	1.000000	
COMB7			Linear Static	Spinta Terre	1.000000	
COMB7			Linear Static	Sisma Dir X	1.000000	
COMB7			Linear Static	Sisma Dir V-Z	0.500000	
COMB7			Linear Static	IncrSisma su terre dir X	1.000000	
COMB8			Linear Static	DEAD	1.000000	
COMB8			Linear Static	Ricoprimento	1.000000	
COMB8			Linear Static	Spinta Terre	1.000000	
COMB8			Linear Static	Incr Spinta Terre	1.000000	
COMB8			Linear Static	Sisma Dir X	1.000000	
COMB8			Linear Static	Sisma Dir V-Z	0.500000	
COMB8			Linear Static	IncrSisma su terre dir X	1.000000	
COMB9			Linear Static	DEAD	1.000000	
COMB9			Linear Static	Ricoprimento	1.000000	
COMB9			Linear Static	Spinta Terre	1.300000	
COMB9			Linear Static	Carico Mobile Q1	1.150000	
COMB10			Linear Static	DEAD	1.000000	
COMB10			Linear Static	Ricoprimento	1.000000	
COMB10			Linear Static	Spinta Terre	1.300000	
COMB10			Linear Static	Carico Mobile Q1	0.860000	
COMB11			Linear Static	DEAD	1.000000	
COMB11			Linear Static	Ricoprimento	1.000000	
COMB11			Linear Static	Spinta Terre	1.000000	
COMB11			Linear Static	Acqua interna	1.000000	
COMB11			Linear Static	Carico Mobile Q1	1.000000	
COMB12			Linear Static	DEAD	1.000000	
COMB12			Linear Static	Ricoprimento	1.000000	
COMB12			Linear Static	Spinta Terre	1.000000	
COMB12			Linear Static	Incr Spinta Terre	1.000000	
COMB12			Linear Static	Carico Mobile Q1	0.750000	
COMB13			Linear Static	DEAD	1.000000	
COMB13			Linear Static	Ricoprimento	1.000000	
COMB13			Linear Static	Spinta Terre	1.000000	

## Table: Combination Definitions, Part 2 of 3

Table: Combination Definitions, Part 2 of 3

ComboName	CaseName	ConcDesign	AlumDesign	ColdDesign	GUID
COMB1	DEAD				
COMB1	Ricoprimento				
COMB1	Carico Mobile Q1				
COMB1	Spinta Terre				
COMB2	DEAD				
COMB2	Ricoprimento				
COMB2	Acqua interna				
COMB2	Carico Mobile Q1				
COMB2	Spinta Terre				
COMB3	DEAD				
COMB3	Ricoprimento				
COMB3	Acqua interna				
COMB3	Carico Mobile Q1				
COMB3	Spinta Terre				
COMB4	DEAD				
COMB4	Ricoprimento				
COMB4	Spinta Terre				
COMB4	Incr Spinta Terre				
COMB5	DEAD				
COMB5	Ricoprimento				
COMB5	Spinta Terre				
COMB5	Incr Spinta Terre				
COMB6	DEAD				
COMB6	Ricoprimento				
COMB6	Spinta Terre				
COMB6	Sisma Dir X				
COMB6	Sisma Dir V+Z				
COMB6	IncrSisma su terre dir X				
COMB7	DEAD				
COMB7	Ricoprimento				
COMB7	Spinta Terre				
COMB7	Sisma Dir X				
COMB7	Sisma Dir V-Z				
COMB7	IncrSisma su terre dir X				
COMB8	DEAD				
COMB8	Ricoprimento				
COMB8	Spinta Terre				
COMB8	Incr Spinta Terre				
COMB8	Sisma Dir X				
COMB8	Sisma Dir V-Z				
COMB8	IncrSisma su terre dir X				
COMB9	DEAD				
COMB9	Ricoprimento				
COMB9	Spinta Terre				
COMB9	Carico Mobile Q1				
COMB10	DEAD				
COMB10	Ricoprimento				
COMB10	Spinta Terre				
COMB10	Carico Mobile Q1				
COMB11	DEAD				
COMB11	Ricoprimento				
COMB11	Spinta Terre				
COMB11	Acqua interna				
COMB11	Carico Mobile Q1				
COMB12	DEAD				
COMB12	Ricoprimento				
COMB12	Spinta Terre				
COMB12	Incr Spinta Terre				
COMB12	Carico Mobile Q1				
COMB13	DEAD				
COMB13	Ricoprimento				
COMB13	Spinta Terre				

## Table: Combination Definitions, Part 3 of 3

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	Notes
COMB1	DEAD	
COMB1	Ricoprimento	
COMB1	Carico Mobile Q1	
COMB1	Spinta Terre	
COMB2	DEAD	
COMB2	Ricoprimento	
COMB2	Acqua interna	
COMB2	Carico Mobile Q1	
COMB2	Spinta Terre	
COMB3	DEAD	
COMB3	Ricoprimento	
COMB3	Acqua interna	
COMB3	Carico Mobile Q1	
COMB3	Spinta Terre	
COMB4	DEAD	
COMB4	Ricoprimento	
COMB4	Spinta Terre	
COMB4	Incr Spinta Terre	
COMB5	DEAD	
COMB5	Ricoprimento	
COMB5	Spinta Terre	
COMB5	Incr Spinta Terre	
COMB6	DEAD	
COMB6	Ricoprimento	
COMB6	Spinta Terre	
COMB6	Sisma Dir X	
COMB6	Sisma Dir V+Z	
COMB6	IncrSisma su terre dir X	
COMB7	DEAD	
COMB7	Ricoprimento	
COMB7	Spinta Terre	
COMB7	Sisma Dir X	
COMB7	Sisma Dir V-Z	
COMB7	IncrSisma su terre dir X	
COMB8	DEAD	
COMB8	Ricoprimento	
COMB8	Spinta Terre	
COMB8	Incr Spinta Terre	
COMB8	Sisma Dir X	
COMB8	Sisma Dir V-Z	
COMB8	IncrSisma su terre dir X	
COMB9	DEAD	
COMB9	Ricoprimento	
COMB9	Spinta Terre	
COMB9	Carico Mobile Q1	
COMB10	DEAD	
COMB10	Ricoprimento	
COMB10	Spinta Terre	
COMB10	Carico Mobile Q1	
COMB11	DEAD	
COMB11	Ricoprimento	
COMB11	Spinta Terre	
COMB11	Acqua interna	
COMB11	Carico Mobile Q1	
COMB12	DEAD	
COMB12	Ricoprimento	
COMB12	Spinta Terre	
COMB12	Incr Spinta Terre	
COMB12	Carico Mobile Q1	
COMB13	DEAD	
COMB13	Ricoprimento	

Table: Combination Definitions, Part 3 of 3

ComboName	CaseName	Notes
COMB13	Spinta Terre	

Table: Coordinate Systems

Table: Coordinate Systems

Name	Type	X m	Y m	Z m	AboutZ Degrees	AboutY Degrees	AboutX Degrees
GLOBAL	Cartesian	0.00000	0.00000	0.00000	0.000	0.000	0.000

Table: Element Forces - Frames, Part 1 of 2

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
1	0.00000	COMB1	Combination	-169.030	18.799	0.000	0.0000	0.0000
1	0.95000	COMB1	Combination	-156.205	-7.092	0.000	0.0000	0.0000
1	0.95000	COMB1	Combination	-156.205	-7.092	0.000	0.0000	0.0000
1	1.90000	COMB1	Combination	-143.380	-21.408	0.000	0.0000	0.0000
1	0.00000	COMB2	Combination	-169.030	9.440	0.000	0.0000	0.0000
1	0.95000	COMB2	Combination	-156.205	-5.763	0.000	0.0000	0.0000
1	0.95000	COMB2	Combination	-156.205	-5.763	0.000	0.0000	0.0000
1	1.90000	COMB2	Combination	-143.380	-16.516	0.000	0.0000	0.0000
1	0.00000	COMB3	Combination	-147.506	8.097	0.000	0.0000	0.0000
1	0.95000	COMB3	Combination	-134.681	-1.762	0.000	0.0000	0.0000
1	0.95000	COMB3	Combination	-134.681	-1.762	0.000	0.0000	0.0000
1	1.90000	COMB3	Combination	-121.856	-10.734	0.000	0.0000	0.0000
1	0.00000	COMB4	Combination	-75.683	93.092	0.000	0.0000	0.0000
1	0.95000	COMB4	Combination	-62.858	26.546	0.000	0.0000	0.0000
1	0.95000	COMB4	Combination	-62.858	26.546	0.000	0.0000	0.0000
1	1.90000	COMB4	Combination	-50.033	-28.425	0.000	0.0000	0.0000
1	0.00000	COMB5	Combination	-75.683	86.851	0.000	0.0000	0.0000
1	0.95000	COMB5	Combination	-62.858	27.018	0.000	0.0000	0.0000
1	0.95000	COMB5	Combination	-62.858	27.018	0.000	0.0000	0.0000
1	1.90000	COMB5	Combination	-50.033	-24.242	0.000	0.0000	0.0000
1	0.00000	COMB6	Combination	-57.322	37.535	0.000	0.0000	0.0000
1	0.95000	COMB6	Combination	-47.822	13.208	0.000	0.0000	0.0000
1	0.95000	COMB6	Combination	-48.537	10.358	0.000	0.0000	0.0000
1	1.90000	COMB6	Combination	-39.037	-5.395	0.000	0.0000	0.0000
1	0.00000	COMB7	Combination	-60.402	37.705	0.000	0.0000	0.0000
1	0.95000	COMB7	Combination	-50.902	13.378	0.000	0.0000	0.0000
1	0.95000	COMB7	Combination	-50.187	10.528	0.000	0.0000	0.0000
1	1.90000	COMB7	Combination	-40.687	-5.226	0.000	0.0000	0.0000
1	0.00000	COMB8	Combination	-54.563	82.923	0.000	0.0000	0.0000
1	0.95000	COMB8	Combination	-45.063	28.481	0.000	0.0000	0.0000
1	0.95000	COMB8	Combination	-44.348	25.631	0.000	0.0000	0.0000
1	1.90000	COMB8	Combination	-34.848	-20.237	0.000	0.0000	0.0000
1	0.00000	COMB9	Combination	-134.704	17.802	0.000	0.0000	0.0000
1	0.95000	COMB9	Combination	-125.204	-7.130	0.000	0.0000	0.0000
1	0.95000	COMB9	Combination	-125.204	-7.130	0.000	0.0000	0.0000
1	1.90000	COMB9	Combination	-115.704	-20.915	0.000	0.0000	0.0000
1	0.00000	COMB10	Combination	-116.345	20.648	0.000	0.0000	0.0000
1	0.95000	COMB10	Combination	-106.845	-4.284	0.000	0.0000	0.0000
1	0.95000	COMB10	Combination	-106.845	-4.284	0.000	0.0000	0.0000
1	1.90000	COMB10	Combination	-97.345	-18.069	0.000	0.0000	0.0000
1	0.00000	COMB11	Combination	-125.208	4.566	0.000	0.0000	0.0000
1	0.95000	COMB11	Combination	-115.708	-3.924	0.000	0.0000	0.0000
1	0.95000	COMB11	Combination	-115.708	-3.924	0.000	0.0000	0.0000
1	1.90000	COMB11	Combination	-106.208	-10.966	0.000	0.0000	0.0000
1	0.00000	COMB12	Combination	-103.542	61.597	0.000	0.0000	0.0000
1	0.95000	COMB12	Combination	-94.042	12.304	0.000	0.0000	0.0000
1	0.95000	COMB12	Combination	-94.042	12.304	0.000	0.0000	0.0000
1	1.90000	COMB12	Combination	-84.542	-28.416	0.000	0.0000	0.0000
1	0.00000	COMB13	Combination	-61.900	23.739	0.000	0.0000	0.0000
1	0.95000	COMB13	Combination	-52.400	4.561	0.000	0.0000	0.0000
1	0.95000	COMB13	Combination	-52.400	4.561	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
1	1.90000	COMB13	Combination	-42.900	-6.044	0.000	0.0000	0.0000
2	0.00000	COMB1	Combination	-21.408	-143.380	0.000	0.0000	0.0000
2	0.44000	COMB1	Combination	-21.408	-131.797	0.000	0.0000	0.0000
2	0.88000	COMB1	Combination	-21.408	-120.214	0.000	0.0000	0.0000
2	1.32000	COMB1	Combination	-21.408	-108.631	0.000	0.0000	0.0000
2	1.76000	COMB1	Combination	-21.408	-64.549	0.000	0.0000	0.0000
2	2.20000	COMB1	Combination	-21.408	2.032	0.000	0.0000	0.0000
2	2.20000	COMB1	Combination	-21.408	2.032	0.000	0.0000	0.0000
2	2.64000	COMB1	Combination	-21.408	68.614	0.000	0.0000	0.0000
2	3.08000	COMB1	Combination	-21.408	106.446	0.000	0.0000	0.0000
2	3.52000	COMB1	Combination	-21.408	118.029	0.000	0.0000	0.0000
2	3.96000	COMB1	Combination	-21.408	129.612	0.000	0.0000	0.0000
2	4.40000	COMB1	Combination	-21.408	141.195	0.000	0.0000	0.0000
2	0.00000	COMB2	Combination	-16.516	-143.380	0.000	0.0000	0.0000
2	0.44000	COMB2	Combination	-16.516	-131.797	0.000	0.0000	0.0000
2	0.88000	COMB2	Combination	-16.516	-120.214	0.000	0.0000	0.0000
2	1.32000	COMB2	Combination	-16.516	-108.631	0.000	0.0000	0.0000
2	1.76000	COMB2	Combination	-16.516	-64.549	0.000	0.0000	0.0000
2	2.20000	COMB2	Combination	-16.516	2.032	0.000	0.0000	0.0000
2	2.20000	COMB2	Combination	-16.516	2.032	0.000	0.0000	0.0000
2	2.64000	COMB2	Combination	-16.516	68.614	0.000	0.0000	0.0000
2	3.08000	COMB2	Combination	-16.516	106.446	0.000	0.0000	0.0000
2	3.52000	COMB2	Combination	-16.516	118.029	0.000	0.0000	0.0000
2	3.96000	COMB2	Combination	-16.516	129.612	0.000	0.0000	0.0000
2	4.40000	COMB2	Combination	-16.516	141.195	0.000	0.0000	0.0000
2	0.00000	COMB3	Combination	-10.734	-121.856	0.000	0.0000	0.0000
2	0.44000	COMB3	Combination	-10.734	-110.273	0.000	0.0000	0.0000
2	0.88000	COMB3	Combination	-10.734	-98.690	0.000	0.0000	0.0000
2	1.32000	COMB3	Combination	-10.734	-87.107	0.000	0.0000	0.0000
2	1.76000	COMB3	Combination	-10.734	-51.210	0.000	0.0000	0.0000
2	2.20000	COMB3	Combination	-10.734	1.520	0.000	0.0000	0.0000
2	2.20000	COMB3	Combination	-10.734	1.520	0.000	0.0000	0.0000
2	2.64000	COMB3	Combination	-10.734	54.250	0.000	0.0000	0.0000
2	3.08000	COMB3	Combination	-10.734	85.472	0.000	0.0000	0.0000
2	3.52000	COMB3	Combination	-10.734	97.055	0.000	0.0000	0.0000
2	3.96000	COMB3	Combination	-10.734	108.638	0.000	0.0000	0.0000
2	4.40000	COMB3	Combination	-10.734	120.221	0.000	0.0000	0.0000
2	0.00000	COMB4	Combination	-28.425	-50.033	0.000	0.0000	0.0000
2	0.44000	COMB4	Combination	-28.425	-38.450	0.000	0.0000	0.0000
2	0.88000	COMB4	Combination	-28.425	-26.867	0.000	0.0000	0.0000
2	1.32000	COMB4	Combination	-28.425	-15.284	0.000	0.0000	0.0000
2	1.76000	COMB4	Combination	-28.425	-3.701	0.000	0.0000	0.0000
2	2.20000	COMB4	Combination	-28.425	7.882	0.000	0.0000	0.0000
2	2.20000	COMB4	Combination	-28.425	7.882	0.000	0.0000	0.0000
2	2.64000	COMB4	Combination	-28.425	19.465	0.000	0.0000	0.0000
2	3.08000	COMB4	Combination	-28.425	31.048	0.000	0.0000	0.0000
2	3.52000	COMB4	Combination	-28.425	42.631	0.000	0.0000	0.0000
2	3.96000	COMB4	Combination	-28.425	54.214	0.000	0.0000	0.0000
2	4.40000	COMB4	Combination	-28.425	65.797	0.000	0.0000	0.0000
2	0.00000	COMB5	Combination	-24.242	-50.033	0.000	0.0000	0.0000
2	0.44000	COMB5	Combination	-24.242	-38.450	0.000	0.0000	0.0000
2	0.88000	COMB5	Combination	-24.242	-26.867	0.000	0.0000	0.0000
2	1.32000	COMB5	Combination	-24.242	-15.284	0.000	0.0000	0.0000
2	1.76000	COMB5	Combination	-24.242	-3.701	0.000	0.0000	0.0000
2	2.20000	COMB5	Combination	-24.242	7.882	0.000	0.0000	0.0000
2	2.20000	COMB5	Combination	-24.242	7.882	0.000	0.0000	0.0000
2	2.64000	COMB5	Combination	-24.242	19.465	0.000	0.0000	0.0000
2	3.08000	COMB5	Combination	-24.242	31.048	0.000	0.0000	0.0000
2	3.52000	COMB5	Combination	-24.242	42.631	0.000	0.0000	0.0000
2	3.96000	COMB5	Combination	-24.242	54.214	0.000	0.0000	0.0000
2	4.40000	COMB5	Combination	-24.242	65.797	0.000	0.0000	0.0000
2	0.00000	COMB6	Combination	-5.395	-39.037	0.000	0.0000	0.0000
2	0.44000	COMB6	Combination	-5.395	-30.457	0.000	0.0000	0.0000
2	0.88000	COMB6	Combination	-5.395	-21.877	0.000	0.0000	0.0000
2	1.32000	COMB6	Combination	-5.395	-13.297	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
2	1.76000	COMB6	Combination	-5.395	-4.717	0.000	0.0000	0.0000
2	2.20000	COMB6	Combination	-5.395	3.863	0.000	0.0000	0.0000
2	2.20000	COMB6	Combination	-11.995	2.213	0.000	0.0000	0.0000
2	2.64000	COMB6	Combination	-11.995	10.793	0.000	0.0000	0.0000
2	3.08000	COMB6	Combination	-11.995	19.373	0.000	0.0000	0.0000
2	3.52000	COMB6	Combination	-11.995	27.953	0.000	0.0000	0.0000
2	3.96000	COMB6	Combination	-11.995	36.533	0.000	0.0000	0.0000
2	4.40000	COMB6	Combination	-11.995	45.113	0.000	0.0000	0.0000
2	0.00000	COMB7	Combination	-5.226	-40.687	0.000	0.0000	0.0000
2	0.44000	COMB7	Combination	-5.226	-32.107	0.000	0.0000	0.0000
2	0.88000	COMB7	Combination	-5.226	-23.527	0.000	0.0000	0.0000
2	1.32000	COMB7	Combination	-5.226	-14.947	0.000	0.0000	0.0000
2	1.76000	COMB7	Combination	-5.226	-6.367	0.000	0.0000	0.0000
2	2.20000	COMB7	Combination	-5.226	2.213	0.000	0.0000	0.0000
2	2.20000	COMB7	Combination	-11.826	3.863	0.000	0.0000	0.0000
2	2.64000	COMB7	Combination	-11.826	12.443	0.000	0.0000	0.0000
2	3.08000	COMB7	Combination	-11.826	21.023	0.000	0.0000	0.0000
2	3.52000	COMB7	Combination	-11.826	29.603	0.000	0.0000	0.0000
2	3.96000	COMB7	Combination	-11.826	38.183	0.000	0.0000	0.0000
2	4.40000	COMB7	Combination	-11.826	46.763	0.000	0.0000	0.0000
2	0.00000	COMB8	Combination	-20.237	-34.848	0.000	0.0000	0.0000
2	0.44000	COMB8	Combination	-20.237	-26.268	0.000	0.0000	0.0000
2	0.88000	COMB8	Combination	-20.237	-17.688	0.000	0.0000	0.0000
2	1.32000	COMB8	Combination	-20.237	-9.108	0.000	0.0000	0.0000
2	1.76000	COMB8	Combination	-20.237	-0.528	0.000	0.0000	0.0000
2	2.20000	COMB8	Combination	-20.237	8.052	0.000	0.0000	0.0000
2	2.20000	COMB8	Combination	-26.837	9.702	0.000	0.0000	0.0000
2	2.64000	COMB8	Combination	-26.837	18.282	0.000	0.0000	0.0000
2	3.08000	COMB8	Combination	-26.837	26.862	0.000	0.0000	0.0000
2	3.52000	COMB8	Combination	-26.837	35.442	0.000	0.0000	0.0000
2	3.96000	COMB8	Combination	-26.837	44.022	0.000	0.0000	0.0000
2	4.40000	COMB8	Combination	-26.837	52.602	0.000	0.0000	0.0000
2	0.00000	COMB9	Combination	-20.915	-115.704	0.000	0.0000	0.0000
2	0.44000	COMB9	Combination	-20.915	-107.124	0.000	0.0000	0.0000
2	0.88000	COMB9	Combination	-20.915	-98.544	0.000	0.0000	0.0000
2	1.32000	COMB9	Combination	-20.915	-89.964	0.000	0.0000	0.0000
2	1.76000	COMB9	Combination	-20.915	-53.699	0.000	0.0000	0.0000
2	2.20000	COMB9	Combination	-20.915	1.731	0.000	0.0000	0.0000
2	2.20000	COMB9	Combination	-20.915	1.731	0.000	0.0000	0.0000
2	2.64000	COMB9	Combination	-20.915	57.162	0.000	0.0000	0.0000
2	3.08000	COMB9	Combination	-20.915	88.102	0.000	0.0000	0.0000
2	3.52000	COMB9	Combination	-20.915	96.682	0.000	0.0000	0.0000
2	3.96000	COMB9	Combination	-20.915	105.262	0.000	0.0000	0.0000
2	4.40000	COMB9	Combination	-20.915	113.842	0.000	0.0000	0.0000
2	0.00000	COMB10	Combination	-18.069	-97.345	0.000	0.0000	0.0000
2	0.44000	COMB10	Combination	-18.069	-88.765	0.000	0.0000	0.0000
2	0.88000	COMB10	Combination	-18.069	-80.185	0.000	0.0000	0.0000
2	1.32000	COMB10	Combination	-18.069	-71.605	0.000	0.0000	0.0000
2	1.76000	COMB10	Combination	-18.069	-42.321	0.000	0.0000	0.0000
2	2.20000	COMB10	Combination	-18.069	1.295	0.000	0.0000	0.0000
2	2.20000	COMB10	Combination	-18.069	1.295	0.000	0.0000	0.0000
2	2.64000	COMB10	Combination	-18.069	44.911	0.000	0.0000	0.0000
2	3.08000	COMB10	Combination	-18.069	70.212	0.000	0.0000	0.0000
2	3.52000	COMB10	Combination	-18.069	78.792	0.000	0.0000	0.0000
2	3.96000	COMB10	Combination	-18.069	87.372	0.000	0.0000	0.0000
2	4.40000	COMB10	Combination	-18.069	95.952	0.000	0.0000	0.0000
2	0.00000	COMB11	Combination	-10.966	-106.208	0.000	0.0000	0.0000
2	0.44000	COMB11	Combination	-10.966	-97.628	0.000	0.0000	0.0000
2	0.88000	COMB11	Combination	-10.966	-89.048	0.000	0.0000	0.0000
2	1.32000	COMB11	Combination	-10.966	-80.468	0.000	0.0000	0.0000
2	1.76000	COMB11	Combination	-10.966	-47.814	0.000	0.0000	0.0000
2	2.20000	COMB11	Combination	-10.966	1.505	0.000	0.0000	0.0000
2	2.20000	COMB11	Combination	-10.966	1.505	0.000	0.0000	0.0000
2	2.64000	COMB11	Combination	-10.966	50.825	0.000	0.0000	0.0000
2	3.08000	COMB11	Combination	-10.966	78.849	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
2	3.52000	COMB11	Combination	-10.966	87.429	0.000	0.0000	0.0000
2	3.96000	COMB11	Combination	-10.966	96.009	0.000	0.0000	0.0000
2	4.40000	COMB11	Combination	-10.966	104.589	0.000	0.0000	0.0000
2	0.00000	COMB12	Combination	-28.416	-84.542	0.000	0.0000	0.0000
2	0.44000	COMB12	Combination	-28.416	-75.962	0.000	0.0000	0.0000
2	0.88000	COMB12	Combination	-28.416	-67.382	0.000	0.0000	0.0000
2	1.32000	COMB12	Combination	-28.416	-58.802	0.000	0.0000	0.0000
2	1.76000	COMB12	Combination	-28.416	-32.167	0.000	0.0000	0.0000
2	2.20000	COMB12	Combination	-28.416	6.967	0.000	0.0000	0.0000
2	2.20000	COMB12	Combination	-28.416	6.967	0.000	0.0000	0.0000
2	2.64000	COMB12	Combination	-28.416	46.102	0.000	0.0000	0.0000
2	3.08000	COMB12	Combination	-28.416	69.265	0.000	0.0000	0.0000
2	3.52000	COMB12	Combination	-28.416	77.845	0.000	0.0000	0.0000
2	3.96000	COMB12	Combination	-28.416	86.425	0.000	0.0000	0.0000
2	4.40000	COMB12	Combination	-28.416	95.005	0.000	0.0000	0.0000
2	0.00000	COMB13	Combination	-6.044	-42.900	0.000	0.0000	0.0000
2	0.44000	COMB13	Combination	-6.044	-34.320	0.000	0.0000	0.0000
2	0.88000	COMB13	Combination	-6.044	-25.740	0.000	0.0000	0.0000
2	1.32000	COMB13	Combination	-6.044	-17.160	0.000	0.0000	0.0000
2	1.76000	COMB13	Combination	-6.044	-8.580	0.000	0.0000	0.0000
2	2.20000	COMB13	Combination	-6.044	-1.594E-13	0.000	0.0000	0.0000
2	2.20000	COMB13	Combination	-6.044	-1.594E-13	0.000	0.0000	0.0000
2	2.64000	COMB13	Combination	-6.044	8.580	0.000	0.0000	0.0000
2	3.08000	COMB13	Combination	-6.044	17.160	0.000	0.0000	0.0000
2	3.52000	COMB13	Combination	-6.044	25.740	0.000	0.0000	0.0000
2	3.96000	COMB13	Combination	-6.044	34.320	0.000	0.0000	0.0000
2	4.40000	COMB13	Combination	-6.044	42.900	0.000	0.0000	0.0000
3	0.00000	COMB1	Combination	-141.195	-21.408	0.000	0.0000	0.0000
3	0.95000	COMB1	Combination	-154.020	-7.092	0.000	0.0000	0.0000
3	0.95000	COMB1	Combination	-154.020	-7.092	0.000	0.0000	0.0000
3	1.90000	COMB1	Combination	-166.845	18.799	0.000	0.0000	0.0000
3	0.00000	COMB2	Combination	-141.195	-16.516	0.000	0.0000	0.0000
3	0.95000	COMB2	Combination	-154.020	-5.763	0.000	0.0000	0.0000
3	0.95000	COMB2	Combination	-154.020	-5.763	0.000	0.0000	0.0000
3	1.90000	COMB2	Combination	-166.845	9.440	0.000	0.0000	0.0000
3	0.00000	COMB3	Combination	-120.221	-10.734	0.000	0.0000	0.0000
3	0.95000	COMB3	Combination	-133.046	-1.762	0.000	0.0000	0.0000
3	0.95000	COMB3	Combination	-133.046	-1.762	0.000	0.0000	0.0000
3	1.90000	COMB3	Combination	-145.871	8.097	0.000	0.0000	0.0000
3	0.00000	COMB4	Combination	-65.797	-28.425	0.000	0.0000	0.0000
3	0.95000	COMB4	Combination	-78.622	-14.109	0.000	0.0000	0.0000
3	0.95000	COMB4	Combination	-78.622	-14.109	0.000	0.0000	0.0000
3	1.90000	COMB4	Combination	-91.447	11.781	0.000	0.0000	0.0000
3	0.00000	COMB5	Combination	-65.797	-24.242	0.000	0.0000	0.0000
3	0.95000	COMB5	Combination	-78.622	-13.637	0.000	0.0000	0.0000
3	0.95000	COMB5	Combination	-78.622	-13.637	0.000	0.0000	0.0000
3	1.90000	COMB5	Combination	-91.447	5.541	0.000	0.0000	0.0000
3	0.00000	COMB6	Combination	-45.113	-11.995	0.000	0.0000	0.0000
3	0.95000	COMB6	Combination	-54.613	-1.391	0.000	0.0000	0.0000
3	0.95000	COMB6	Combination	-53.898	-4.241	0.000	0.0000	0.0000
3	1.90000	COMB6	Combination	-63.398	14.937	0.000	0.0000	0.0000
3	0.00000	COMB7	Combination	-46.763	-11.826	0.000	0.0000	0.0000
3	0.95000	COMB7	Combination	-56.263	-1.221	0.000	0.0000	0.0000
3	0.95000	COMB7	Combination	-56.978	-4.071	0.000	0.0000	0.0000
3	1.90000	COMB7	Combination	-66.478	15.107	0.000	0.0000	0.0000
3	0.00000	COMB8	Combination	-52.602	-26.837	0.000	0.0000	0.0000
3	0.95000	COMB8	Combination	-62.102	-16.233	0.000	0.0000	0.0000
3	0.95000	COMB8	Combination	-62.817	-19.083	0.000	0.0000	0.0000
3	1.90000	COMB8	Combination	-72.317	0.095	0.000	0.0000	0.0000
3	0.00000	COMB9	Combination	-113.842	-20.915	0.000	0.0000	0.0000
3	0.95000	COMB9	Combination	-123.342	-7.130	0.000	0.0000	0.0000
3	0.95000	COMB9	Combination	-123.342	-7.130	0.000	0.0000	0.0000
3	1.90000	COMB9	Combination	-132.842	17.802	0.000	0.0000	0.0000
3	0.00000	COMB10	Combination	-95.952	-18.069	0.000	0.0000	0.0000
3	0.95000	COMB10	Combination	-105.452	-4.284	0.000	0.0000	0.0000



Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
3	0.95000	COMB10	Combination	-105.452	-4.284	0.000	0.0000	0.0000
3	1.90000	COMB10	Combination	-114.952	20.648	0.000	0.0000	0.0000
3	0.00000	COMB11	Combination	-104.589	-10.966	0.000	0.0000	0.0000
3	0.95000	COMB11	Combination	-114.089	-3.924	0.000	0.0000	0.0000
3	0.95000	COMB11	Combination	-114.089	-3.924	0.000	0.0000	0.0000
3	1.90000	COMB11	Combination	-123.589	4.566	0.000	0.0000	0.0000
3	0.00000	COMB12	Combination	-95.005	-28.416	0.000	0.0000	0.0000
3	0.95000	COMB12	Combination	-104.505	-17.811	0.000	0.0000	0.0000
3	0.95000	COMB12	Combination	-104.505	-17.811	0.000	0.0000	0.0000
3	1.90000	COMB12	Combination	-114.005	1.367	0.000	0.0000	0.0000
3	0.00000	COMB13	Combination	-42.900	-6.044	0.000	0.0000	0.0000
3	0.95000	COMB13	Combination	-52.400	4.561	0.000	0.0000	0.0000
3	0.95000	COMB13	Combination	-52.400	4.561	0.000	0.0000	0.0000
3	1.90000	COMB13	Combination	-61.900	23.739	0.000	0.0000	0.0000
22	0.00000	COMB1	Combination	-18.484	152.826	0.000	0.0000	0.0000
22	0.16250	COMB1	Combination	-18.484	155.019	0.000	0.0000	0.0000
22	0.16250	COMB1	Combination	-18.484	155.019	0.000	0.0000	0.0000
22	0.32500	COMB1	Combination	-18.484	157.213	0.000	0.0000	0.0000
22	0.00000	COMB2	Combination	-9.282	150.753	0.000	0.0000	0.0000
22	0.16250	COMB2	Combination	-9.282	155.385	0.000	0.0000	0.0000
22	0.16250	COMB2	Combination	-9.282	155.385	0.000	0.0000	0.0000
22	0.32500	COMB2	Combination	-9.282	160.016	0.000	0.0000	0.0000
22	0.00000	COMB3	Combination	-7.962	130.281	0.000	0.0000	0.0000
22	0.16250	COMB3	Combination	-7.962	136.131	0.000	0.0000	0.0000
22	0.16250	COMB3	Combination	-7.962	136.131	0.000	0.0000	0.0000
22	0.32500	COMB3	Combination	-7.962	141.981	0.000	0.0000	0.0000
22	0.00000	COMB4	Combination	-51.559	79.995	0.000	0.0000	0.0000
22	0.16250	COMB4	Combination	-51.559	82.188	0.000	0.0000	0.0000
22	0.16250	COMB4	Combination	-51.559	82.188	0.000	0.0000	0.0000
22	0.32500	COMB4	Combination	-51.559	84.382	0.000	0.0000	0.0000
22	0.00000	COMB5	Combination	-45.423	79.979	0.000	0.0000	0.0000
22	0.16250	COMB5	Combination	-45.423	82.173	0.000	0.0000	0.0000
22	0.16250	COMB5	Combination	-45.423	82.173	0.000	0.0000	0.0000
22	0.32500	COMB5	Combination	-45.423	84.367	0.000	0.0000	0.0000
22	0.00000	COMB6	Combination	-28.984	56.418	0.000	0.0000	0.0000
22	0.16250	COMB6	Combination	-28.984	58.043	0.000	0.0000	0.0000
22	0.16250	COMB6	Combination	-28.609	57.949	0.000	0.0000	0.0000
22	0.32500	COMB6	Combination	-28.609	59.574	0.000	0.0000	0.0000
22	0.00000	COMB7	Combination	-29.151	59.173	0.000	0.0000	0.0000
22	0.16250	COMB7	Combination	-29.151	60.798	0.000	0.0000	0.0000
22	0.16250	COMB7	Combination	-28.776	60.892	0.000	0.0000	0.0000
22	0.32500	COMB7	Combination	-28.776	62.517	0.000	0.0000	0.0000
22	0.00000	COMB8	Combination	-44.002	62.389	0.000	0.0000	0.0000
22	0.16250	COMB8	Combination	-44.002	64.014	0.000	0.0000	0.0000
22	0.16250	COMB8	Combination	-43.627	64.108	0.000	0.0000	0.0000
22	0.32500	COMB8	Combination	-43.627	65.733	0.000	0.0000	0.0000
22	0.00000	COMB9	Combination	-17.504	121.792	0.000	0.0000	0.0000
22	0.16250	COMB9	Combination	-17.504	123.417	0.000	0.0000	0.0000
22	0.16250	COMB9	Combination	-17.504	123.417	0.000	0.0000	0.0000
22	0.32500	COMB9	Combination	-17.504	125.042	0.000	0.0000	0.0000
22	0.00000	COMB10	Combination	-20.302	105.214	0.000	0.0000	0.0000
22	0.16250	COMB10	Combination	-20.302	106.839	0.000	0.0000	0.0000
22	0.16250	COMB10	Combination	-20.302	106.839	0.000	0.0000	0.0000
22	0.32500	COMB10	Combination	-20.302	108.464	0.000	0.0000	0.0000
22	0.00000	COMB11	Combination	-4.490	111.132	0.000	0.0000	0.0000
22	0.16250	COMB11	Combination	-4.490	115.194	0.000	0.0000	0.0000
22	0.16250	COMB11	Combination	-4.490	115.194	0.000	0.0000	0.0000
22	0.32500	COMB11	Combination	-4.490	119.257	0.000	0.0000	0.0000
22	0.00000	COMB12	Combination	-30.955	102.129	0.000	0.0000	0.0000
22	0.16250	COMB12	Combination	-30.955	103.754	0.000	0.0000	0.0000
22	0.16250	COMB12	Combination	-30.955	103.754	0.000	0.0000	0.0000
22	0.32500	COMB12	Combination	-30.955	105.379	0.000	0.0000	0.0000
22	0.00000	COMB13	Combination	-23.341	56.039	0.000	0.0000	0.0000
22	0.16250	COMB13	Combination	-23.341	57.664	0.000	0.0000	0.0000
22	0.16250	COMB13	Combination	-23.341	57.664	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
22	0.32500	COMB13	Combination	-23.341	59.289	0.000	0.0000	0.0000
23	0.00000	COMB1	Combination	-18.484	131.064	0.000	0.0000	0.0000
23	0.12500	COMB1	Combination	-18.484	132.751	0.000	0.0000	0.0000
23	0.12500	COMB1	Combination	-18.484	132.751	0.000	0.0000	0.0000
23	0.25000	COMB1	Combination	-18.484	134.439	0.000	0.0000	0.0000
23	0.00000	COMB2	Combination	-9.282	129.860	0.000	0.0000	0.0000
23	0.12500	COMB2	Combination	-9.282	133.423	0.000	0.0000	0.0000
23	0.12500	COMB2	Combination	-9.282	133.423	0.000	0.0000	0.0000
23	0.25000	COMB2	Combination	-9.282	136.985	0.000	0.0000	0.0000
23	0.00000	COMB3	Combination	-7.962	112.663	0.000	0.0000	0.0000
23	0.12500	COMB3	Combination	-7.962	117.163	0.000	0.0000	0.0000
23	0.12500	COMB3	Combination	-7.962	117.163	0.000	0.0000	0.0000
23	0.25000	COMB3	Combination	-7.962	121.663	0.000	0.0000	0.0000
23	0.00000	COMB4	Combination	-51.559	63.842	0.000	0.0000	0.0000
23	0.12500	COMB4	Combination	-51.559	65.529	0.000	0.0000	0.0000
23	0.12500	COMB4	Combination	-51.559	65.529	0.000	0.0000	0.0000
23	0.25000	COMB4	Combination	-51.559	67.217	0.000	0.0000	0.0000
23	0.00000	COMB5	Combination	-45.423	63.808	0.000	0.0000	0.0000
23	0.12500	COMB5	Combination	-45.423	65.496	0.000	0.0000	0.0000
23	0.12500	COMB5	Combination	-45.423	65.496	0.000	0.0000	0.0000
23	0.25000	COMB5	Combination	-45.423	67.183	0.000	0.0000	0.0000
23	0.00000	COMB6	Combination	-28.609	46.814	0.000	0.0000	0.0000
23	0.12500	COMB6	Combination	-28.609	48.064	0.000	0.0000	0.0000
23	0.12500	COMB6	Combination	-28.234	47.970	0.000	0.0000	0.0000
23	0.25000	COMB6	Combination	-28.234	49.220	0.000	0.0000	0.0000
23	0.00000	COMB7	Combination	-28.776	49.146	0.000	0.0000	0.0000
23	0.12500	COMB7	Combination	-28.776	50.396	0.000	0.0000	0.0000
23	0.12500	COMB7	Combination	-28.401	50.490	0.000	0.0000	0.0000
23	0.25000	COMB7	Combination	-28.401	51.740	0.000	0.0000	0.0000
23	0.00000	COMB8	Combination	-43.627	48.162	0.000	0.0000	0.0000
23	0.12500	COMB8	Combination	-43.627	49.412	0.000	0.0000	0.0000
23	0.12500	COMB8	Combination	-43.252	49.506	0.000	0.0000	0.0000
23	0.25000	COMB8	Combination	-43.252	50.756	0.000	0.0000	0.0000
23	0.00000	COMB9	Combination	-17.504	104.434	0.000	0.0000	0.0000
23	0.12500	COMB9	Combination	-17.504	105.684	0.000	0.0000	0.0000
23	0.12500	COMB9	Combination	-17.504	105.684	0.000	0.0000	0.0000
23	0.25000	COMB9	Combination	-17.504	106.934	0.000	0.0000	0.0000
23	0.00000	COMB10	Combination	-20.302	90.280	0.000	0.0000	0.0000
23	0.12500	COMB10	Combination	-20.302	91.530	0.000	0.0000	0.0000
23	0.12500	COMB10	Combination	-20.302	91.530	0.000	0.0000	0.0000
23	0.25000	COMB10	Combination	-20.302	92.780	0.000	0.0000	0.0000
23	0.00000	COMB11	Combination	-4.490	95.881	0.000	0.0000	0.0000
23	0.12500	COMB11	Combination	-4.490	99.006	0.000	0.0000	0.0000
23	0.12500	COMB11	Combination	-4.490	99.006	0.000	0.0000	0.0000
23	0.25000	COMB11	Combination	-4.490	102.131	0.000	0.0000	0.0000
23	0.00000	COMB12	Combination	-30.955	83.898	0.000	0.0000	0.0000
23	0.12500	COMB12	Combination	-30.955	85.148	0.000	0.0000	0.0000
23	0.12500	COMB12	Combination	-30.955	85.148	0.000	0.0000	0.0000
23	0.25000	COMB12	Combination	-30.955	86.398	0.000	0.0000	0.0000
23	0.00000	COMB13	Combination	-23.341	48.275	0.000	0.0000	0.0000
23	0.12500	COMB13	Combination	-23.341	49.525	0.000	0.0000	0.0000
23	0.12500	COMB13	Combination	-23.341	49.525	0.000	0.0000	0.0000
23	0.25000	COMB13	Combination	-23.341	50.775	0.000	0.0000	0.0000
24	0.00000	COMB1	Combination	-18.484	109.965	0.000	0.0000	0.0000
24	0.12500	COMB1	Combination	-18.484	111.653	0.000	0.0000	0.0000
24	0.12500	COMB1	Combination	-18.484	111.653	0.000	0.0000	0.0000
24	0.25000	COMB1	Combination	-18.484	113.340	0.000	0.0000	0.0000
24	0.00000	COMB2	Combination	-9.282	108.636	0.000	0.0000	0.0000
24	0.12500	COMB2	Combination	-9.282	112.198	0.000	0.0000	0.0000
24	0.12500	COMB2	Combination	-9.282	112.198	0.000	0.0000	0.0000
24	0.25000	COMB2	Combination	-9.282	115.761	0.000	0.0000	0.0000
24	0.00000	COMB3	Combination	-7.962	94.014	0.000	0.0000	0.0000
24	0.12500	COMB3	Combination	-7.962	98.514	0.000	0.0000	0.0000
24	0.12500	COMB3	Combination	-7.962	98.514	0.000	0.0000	0.0000
24	0.25000	COMB3	Combination	-7.962	103.014	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
24	0.00000	COMB4	Combination	-51.559	48.556	0.000	0.0000	0.0000
24	0.12500	COMB4	Combination	-51.559	50.243	0.000	0.0000	0.0000
24	0.12500	COMB4	Combination	-51.559	50.243	0.000	0.0000	0.0000
24	0.25000	COMB4	Combination	-51.559	51.931	0.000	0.0000	0.0000
24	0.00000	COMB5	Combination	-45.423	48.513	0.000	0.0000	0.0000
24	0.12500	COMB5	Combination	-45.423	50.201	0.000	0.0000	0.0000
24	0.12500	COMB5	Combination	-45.423	50.201	0.000	0.0000	0.0000
24	0.25000	COMB5	Combination	-45.423	51.888	0.000	0.0000	0.0000
24	0.00000	COMB6	Combination	-28.234	37.455	0.000	0.0000	0.0000
24	0.12500	COMB6	Combination	-28.234	38.705	0.000	0.0000	0.0000
24	0.12500	COMB6	Combination	-27.859	38.611	0.000	0.0000	0.0000
24	0.25000	COMB6	Combination	-27.859	39.861	0.000	0.0000	0.0000
24	0.00000	COMB7	Combination	-28.401	39.398	0.000	0.0000	0.0000
24	0.12500	COMB7	Combination	-28.401	40.648	0.000	0.0000	0.0000
24	0.12500	COMB7	Combination	-28.026	40.742	0.000	0.0000	0.0000
24	0.25000	COMB7	Combination	-28.026	41.992	0.000	0.0000	0.0000
24	0.00000	COMB8	Combination	-43.252	34.963	0.000	0.0000	0.0000
24	0.12500	COMB8	Combination	-43.252	36.213	0.000	0.0000	0.0000
24	0.12500	COMB8	Combination	-42.877	36.307	0.000	0.0000	0.0000
24	0.25000	COMB8	Combination	-42.877	37.557	0.000	0.0000	0.0000
24	0.00000	COMB9	Combination	-17.504	87.650	0.000	0.0000	0.0000
24	0.12500	COMB9	Combination	-17.504	88.900	0.000	0.0000	0.0000
24	0.12500	COMB9	Combination	-17.504	88.900	0.000	0.0000	0.0000
24	0.25000	COMB9	Combination	-17.504	90.150	0.000	0.0000	0.0000
24	0.00000	COMB10	Combination	-20.302	75.745	0.000	0.0000	0.0000
24	0.12500	COMB10	Combination	-20.302	76.995	0.000	0.0000	0.0000
24	0.12500	COMB10	Combination	-20.302	76.995	0.000	0.0000	0.0000
24	0.25000	COMB10	Combination	-20.302	78.245	0.000	0.0000	0.0000
24	0.00000	COMB11	Combination	-4.490	80.127	0.000	0.0000	0.0000
24	0.12500	COMB11	Combination	-4.490	83.252	0.000	0.0000	0.0000
24	0.12500	COMB11	Combination	-4.490	83.252	0.000	0.0000	0.0000
24	0.25000	COMB11	Combination	-4.490	86.377	0.000	0.0000	0.0000
24	0.00000	COMB12	Combination	-30.955	66.757	0.000	0.0000	0.0000
24	0.12500	COMB12	Combination	-30.955	68.007	0.000	0.0000	0.0000
24	0.12500	COMB12	Combination	-30.955	68.007	0.000	0.0000	0.0000
24	0.25000	COMB12	Combination	-30.955	69.257	0.000	0.0000	0.0000
24	0.00000	COMB13	Combination	-23.341	40.403	0.000	0.0000	0.0000
24	0.12500	COMB13	Combination	-23.341	41.653	0.000	0.0000	0.0000
24	0.12500	COMB13	Combination	-23.341	41.653	0.000	0.0000	0.0000
24	0.25000	COMB13	Combination	-23.341	42.903	0.000	0.0000	0.0000
25	0.00000	COMB1	Combination	-18.484	89.778	0.000	0.0000	0.0000
25	0.12500	COMB1	Combination	-18.484	91.466	0.000	0.0000	0.0000
25	0.12500	COMB1	Combination	-18.484	91.466	0.000	0.0000	0.0000
25	0.25000	COMB1	Combination	-18.484	93.153	0.000	0.0000	0.0000
25	0.00000	COMB2	Combination	-9.282	88.337	0.000	0.0000	0.0000
25	0.12500	COMB2	Combination	-9.282	91.899	0.000	0.0000	0.0000
25	0.12500	COMB2	Combination	-9.282	91.899	0.000	0.0000	0.0000
25	0.25000	COMB2	Combination	-9.282	95.462	0.000	0.0000	0.0000
25	0.00000	COMB3	Combination	-7.962	76.177	0.000	0.0000	0.0000
25	0.12500	COMB3	Combination	-7.962	80.677	0.000	0.0000	0.0000
25	0.12500	COMB3	Combination	-7.962	80.677	0.000	0.0000	0.0000
25	0.25000	COMB3	Combination	-7.962	85.177	0.000	0.0000	0.0000
25	0.00000	COMB4	Combination	-51.559	34.510	0.000	0.0000	0.0000
25	0.12500	COMB4	Combination	-51.559	36.197	0.000	0.0000	0.0000
25	0.12500	COMB4	Combination	-51.559	36.197	0.000	0.0000	0.0000
25	0.25000	COMB4	Combination	-51.559	37.885	0.000	0.0000	0.0000
25	0.00000	COMB5	Combination	-45.423	34.464	0.000	0.0000	0.0000
25	0.12500	COMB5	Combination	-45.423	36.152	0.000	0.0000	0.0000
25	0.12500	COMB5	Combination	-45.423	36.152	0.000	0.0000	0.0000
25	0.25000	COMB5	Combination	-45.423	37.839	0.000	0.0000	0.0000
25	0.00000	COMB6	Combination	-27.859	28.705	0.000	0.0000	0.0000
25	0.12500	COMB6	Combination	-27.859	29.955	0.000	0.0000	0.0000
25	0.12500	COMB6	Combination	-27.484	29.861	0.000	0.0000	0.0000
25	0.25000	COMB6	Combination	-27.484	31.111	0.000	0.0000	0.0000
25	0.00000	COMB7	Combination	-28.026	30.277	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
25	0.12500	COMB7	Combination	-28.026	31.527	0.000	0.0000	0.0000
25	0.12500	COMB7	Combination	-27.651	31.621	0.000	0.0000	0.0000
25	0.25000	COMB7	Combination	-27.651	32.871	0.000	0.0000	0.0000
25	0.00000	COMB8	Combination	-42.877	22.982	0.000	0.0000	0.0000
25	0.12500	COMB8	Combination	-42.877	24.232	0.000	0.0000	0.0000
25	0.12500	COMB8	Combination	-42.502	24.326	0.000	0.0000	0.0000
25	0.25000	COMB8	Combination	-42.502	25.576	0.000	0.0000	0.0000
25	0.00000	COMB9	Combination	-17.504	71.588	0.000	0.0000	0.0000
25	0.12500	COMB9	Combination	-17.504	72.838	0.000	0.0000	0.0000
25	0.12500	COMB9	Combination	-17.504	72.838	0.000	0.0000	0.0000
25	0.25000	COMB9	Combination	-17.504	74.088	0.000	0.0000	0.0000
25	0.00000	COMB10	Combination	-20.302	61.831	0.000	0.0000	0.0000
25	0.12500	COMB10	Combination	-20.302	63.081	0.000	0.0000	0.0000
25	0.12500	COMB10	Combination	-20.302	63.081	0.000	0.0000	0.0000
25	0.25000	COMB10	Combination	-20.302	64.331	0.000	0.0000	0.0000
25	0.00000	COMB11	Combination	-4.490	65.061	0.000	0.0000	0.0000
25	0.12500	COMB11	Combination	-4.490	68.186	0.000	0.0000	0.0000
25	0.12500	COMB11	Combination	-4.490	68.186	0.000	0.0000	0.0000
25	0.25000	COMB11	Combination	-4.490	71.311	0.000	0.0000	0.0000
25	0.00000	COMB12	Combination	-30.955	50.796	0.000	0.0000	0.0000
25	0.12500	COMB12	Combination	-30.955	52.046	0.000	0.0000	0.0000
25	0.12500	COMB12	Combination	-30.955	52.046	0.000	0.0000	0.0000
25	0.25000	COMB12	Combination	-30.955	53.296	0.000	0.0000	0.0000
25	0.00000	COMB13	Combination	-23.341	32.858	0.000	0.0000	0.0000
25	0.12500	COMB13	Combination	-23.341	34.108	0.000	0.0000	0.0000
25	0.12500	COMB13	Combination	-23.341	34.108	0.000	0.0000	0.0000
25	0.25000	COMB13	Combination	-23.341	35.358	0.000	0.0000	0.0000
26	0.00000	COMB1	Combination	-18.484	70.439	0.000	0.0000	0.0000
26	0.12500	COMB1	Combination	-18.484	72.126	0.000	0.0000	0.0000
26	0.12500	COMB1	Combination	-18.484	72.126	0.000	0.0000	0.0000
26	0.25000	COMB1	Combination	-18.484	73.814	0.000	0.0000	0.0000
26	0.00000	COMB2	Combination	-9.282	68.896	0.000	0.0000	0.0000
26	0.12500	COMB2	Combination	-9.282	72.459	0.000	0.0000	0.0000
26	0.12500	COMB2	Combination	-9.282	72.459	0.000	0.0000	0.0000
26	0.25000	COMB2	Combination	-9.282	76.021	0.000	0.0000	0.0000
26	0.00000	COMB3	Combination	-7.962	59.096	0.000	0.0000	0.0000
26	0.12500	COMB3	Combination	-7.962	63.596	0.000	0.0000	0.0000
26	0.12500	COMB3	Combination	-7.962	63.596	0.000	0.0000	0.0000
26	0.25000	COMB3	Combination	-7.962	68.096	0.000	0.0000	0.0000
26	0.00000	COMB4	Combination	-51.559	21.633	0.000	0.0000	0.0000
26	0.12500	COMB4	Combination	-51.559	23.321	0.000	0.0000	0.0000
26	0.12500	COMB4	Combination	-51.559	23.321	0.000	0.0000	0.0000
26	0.25000	COMB4	Combination	-51.559	25.008	0.000	0.0000	0.0000
26	0.00000	COMB5	Combination	-45.423	21.590	0.000	0.0000	0.0000
26	0.12500	COMB5	Combination	-45.423	23.278	0.000	0.0000	0.0000
26	0.12500	COMB5	Combination	-45.423	23.278	0.000	0.0000	0.0000
26	0.25000	COMB5	Combination	-45.423	24.965	0.000	0.0000	0.0000
26	0.00000	COMB6	Combination	-27.484	20.529	0.000	0.0000	0.0000
26	0.12500	COMB6	Combination	-27.484	21.779	0.000	0.0000	0.0000
26	0.12500	COMB6	Combination	-27.109	21.685	0.000	0.0000	0.0000
26	0.25000	COMB6	Combination	-27.109	22.935	0.000	0.0000	0.0000
26	0.00000	COMB7	Combination	-27.651	21.746	0.000	0.0000	0.0000
26	0.12500	COMB7	Combination	-27.651	22.996	0.000	0.0000	0.0000
26	0.12500	COMB7	Combination	-27.276	23.090	0.000	0.0000	0.0000
26	0.25000	COMB7	Combination	-27.276	24.340	0.000	0.0000	0.0000
26	0.00000	COMB8	Combination	-42.502	12.152	0.000	0.0000	0.0000
26	0.12500	COMB8	Combination	-42.502	13.402	0.000	0.0000	0.0000
26	0.12500	COMB8	Combination	-42.127	13.496	0.000	0.0000	0.0000
26	0.25000	COMB8	Combination	-42.127	14.746	0.000	0.0000	0.0000
26	0.00000	COMB9	Combination	-17.504	56.197	0.000	0.0000	0.0000
26	0.12500	COMB9	Combination	-17.504	57.447	0.000	0.0000	0.0000
26	0.12500	COMB9	Combination	-17.504	57.447	0.000	0.0000	0.0000
26	0.25000	COMB9	Combination	-17.504	58.697	0.000	0.0000	0.0000
26	0.00000	COMB10	Combination	-20.302	48.496	0.000	0.0000	0.0000
26	0.12500	COMB10	Combination	-20.302	49.746	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
26	0.12500	COMB10	Combination	-20.302	49.746	0.000	0.0000	0.0000
26	0.25000	COMB10	Combination	-20.302	50.996	0.000	0.0000	0.0000
26	0.00000	COMB11	Combination	-4.490	50.635	0.000	0.0000	0.0000
26	0.12500	COMB11	Combination	-4.490	53.760	0.000	0.0000	0.0000
26	0.12500	COMB11	Combination	-4.490	53.760	0.000	0.0000	0.0000
26	0.25000	COMB11	Combination	-4.490	56.885	0.000	0.0000	0.0000
26	0.00000	COMB12	Combination	-30.955	35.943	0.000	0.0000	0.0000
26	0.12500	COMB12	Combination	-30.955	37.193	0.000	0.0000	0.0000
26	0.12500	COMB12	Combination	-30.955	37.193	0.000	0.0000	0.0000
26	0.25000	COMB12	Combination	-30.955	38.443	0.000	0.0000	0.0000
26	0.00000	COMB13	Combination	-23.341	25.619	0.000	0.0000	0.0000
26	0.12500	COMB13	Combination	-23.341	26.869	0.000	0.0000	0.0000
26	0.12500	COMB13	Combination	-23.341	26.869	0.000	0.0000	0.0000
26	0.25000	COMB13	Combination	-23.341	28.119	0.000	0.0000	0.0000
27	0.00000	COMB1	Combination	-18.484	51.830	0.000	0.0000	0.0000
27	0.12500	COMB1	Combination	-18.484	53.517	0.000	0.0000	0.0000
27	0.12500	COMB1	Combination	-18.484	53.517	0.000	0.0000	0.0000
27	0.25000	COMB1	Combination	-18.484	55.205	0.000	0.0000	0.0000
27	0.00000	COMB2	Combination	-9.282	50.196	0.000	0.0000	0.0000
27	0.12500	COMB2	Combination	-9.282	53.759	0.000	0.0000	0.0000
27	0.12500	COMB2	Combination	-9.282	53.759	0.000	0.0000	0.0000
27	0.25000	COMB2	Combination	-9.282	57.321	0.000	0.0000	0.0000
27	0.00000	COMB3	Combination	-7.962	42.666	0.000	0.0000	0.0000
27	0.12500	COMB3	Combination	-7.962	47.166	0.000	0.0000	0.0000
27	0.12500	COMB3	Combination	-7.962	47.166	0.000	0.0000	0.0000
27	0.25000	COMB3	Combination	-7.962	51.666	0.000	0.0000	0.0000
27	0.00000	COMB4	Combination	-51.559	9.836	0.000	0.0000	0.0000
27	0.12500	COMB4	Combination	-51.559	11.524	0.000	0.0000	0.0000
27	0.12500	COMB4	Combination	-51.559	11.524	0.000	0.0000	0.0000
27	0.25000	COMB4	Combination	-51.559	13.211	0.000	0.0000	0.0000
27	0.00000	COMB5	Combination	-45.423	9.800	0.000	0.0000	0.0000
27	0.12500	COMB5	Combination	-45.423	11.488	0.000	0.0000	0.0000
27	0.12500	COMB5	Combination	-45.423	11.488	0.000	0.0000	0.0000
27	0.25000	COMB5	Combination	-45.423	13.175	0.000	0.0000	0.0000
27	0.00000	COMB6	Combination	-27.109	12.876	0.000	0.0000	0.0000
27	0.12500	COMB6	Combination	-27.109	14.126	0.000	0.0000	0.0000
27	0.12500	COMB6	Combination	-26.734	14.032	0.000	0.0000	0.0000
27	0.25000	COMB6	Combination	-26.734	15.282	0.000	0.0000	0.0000
27	0.00000	COMB7	Combination	-27.276	13.752	0.000	0.0000	0.0000
27	0.12500	COMB7	Combination	-27.276	15.002	0.000	0.0000	0.0000
27	0.12500	COMB7	Combination	-26.901	15.096	0.000	0.0000	0.0000
27	0.25000	COMB7	Combination	-26.901	16.346	0.000	0.0000	0.0000
27	0.00000	COMB8	Combination	-42.127	2.391	0.000	0.0000	0.0000
27	0.12500	COMB8	Combination	-42.127	3.641	0.000	0.0000	0.0000
27	0.12500	COMB8	Combination	-41.752	3.735	0.000	0.0000	0.0000
27	0.25000	COMB8	Combination	-41.752	4.985	0.000	0.0000	0.0000
27	0.00000	COMB9	Combination	-17.504	41.385	0.000	0.0000	0.0000
27	0.12500	COMB9	Combination	-17.504	42.635	0.000	0.0000	0.0000
27	0.12500	COMB9	Combination	-17.504	42.635	0.000	0.0000	0.0000
27	0.25000	COMB9	Combination	-17.504	43.885	0.000	0.0000	0.0000
27	0.00000	COMB10	Combination	-20.302	35.659	0.000	0.0000	0.0000
27	0.12500	COMB10	Combination	-20.302	36.909	0.000	0.0000	0.0000
27	0.12500	COMB10	Combination	-20.302	36.909	0.000	0.0000	0.0000
27	0.25000	COMB10	Combination	-20.302	38.159	0.000	0.0000	0.0000
27	0.00000	COMB11	Combination	-4.490	36.759	0.000	0.0000	0.0000
27	0.12500	COMB11	Combination	-4.490	39.884	0.000	0.0000	0.0000
27	0.12500	COMB11	Combination	-4.490	39.884	0.000	0.0000	0.0000
27	0.25000	COMB11	Combination	-4.490	43.009	0.000	0.0000	0.0000
27	0.00000	COMB12	Combination	-30.955	22.095	0.000	0.0000	0.0000
27	0.12500	COMB12	Combination	-30.955	23.345	0.000	0.0000	0.0000
27	0.12500	COMB12	Combination	-30.955	23.345	0.000	0.0000	0.0000
27	0.25000	COMB12	Combination	-30.955	24.595	0.000	0.0000	0.0000
27	0.00000	COMB13	Combination	-23.341	18.648	0.000	0.0000	0.0000
27	0.12500	COMB13	Combination	-23.341	19.898	0.000	0.0000	0.0000
27	0.12500	COMB13	Combination	-23.341	19.898	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
27	0.25000	COMB13	Combination	-23.341	21.148	0.000	0.0000	0.0000
28	0.00000	COMB1	Combination	-18.484	33.795	0.000	0.0000	0.0000
28	0.12500	COMB1	Combination	-18.484	35.482	0.000	0.0000	0.0000
28	0.12500	COMB1	Combination	-18.484	35.482	0.000	0.0000	0.0000
28	0.25000	COMB1	Combination	-18.484	37.170	0.000	0.0000	0.0000
28	0.00000	COMB2	Combination	-9.282	32.077	0.000	0.0000	0.0000
28	0.12500	COMB2	Combination	-9.282	35.639	0.000	0.0000	0.0000
28	0.12500	COMB2	Combination	-9.282	35.639	0.000	0.0000	0.0000
28	0.25000	COMB2	Combination	-9.282	39.202	0.000	0.0000	0.0000
28	0.00000	COMB3	Combination	-7.962	26.749	0.000	0.0000	0.0000
28	0.12500	COMB3	Combination	-7.962	31.249	0.000	0.0000	0.0000
28	0.12500	COMB3	Combination	-7.962	31.249	0.000	0.0000	0.0000
28	0.25000	COMB3	Combination	-7.962	35.749	0.000	0.0000	0.0000
28	0.00000	COMB4	Combination	-51.559	-0.984	0.000	0.0000	0.0000
28	0.12500	COMB4	Combination	-51.559	0.703	0.000	0.0000	0.0000
28	0.12500	COMB4	Combination	-51.559	0.703	0.000	0.0000	0.0000
28	0.25000	COMB4	Combination	-51.559	2.391	0.000	0.0000	0.0000
28	0.00000	COMB5	Combination	-45.423	-1.010	0.000	0.0000	0.0000
28	0.12500	COMB5	Combination	-45.423	0.678	0.000	0.0000	0.0000
28	0.12500	COMB5	Combination	-45.423	0.678	0.000	0.0000	0.0000
28	0.25000	COMB5	Combination	-45.423	2.365	0.000	0.0000	0.0000
28	0.00000	COMB6	Combination	-26.734	5.681	0.000	0.0000	0.0000
28	0.12500	COMB6	Combination	-26.734	6.931	0.000	0.0000	0.0000
28	0.12500	COMB6	Combination	-26.359	6.837	0.000	0.0000	0.0000
28	0.25000	COMB6	Combination	-26.359	8.087	0.000	0.0000	0.0000
28	0.00000	COMB7	Combination	-26.901	6.227	0.000	0.0000	0.0000
28	0.12500	COMB7	Combination	-26.901	7.477	0.000	0.0000	0.0000
28	0.12500	COMB7	Combination	-26.526	7.571	0.000	0.0000	0.0000
28	0.25000	COMB7	Combination	-26.526	8.821	0.000	0.0000	0.0000
28	0.00000	COMB8	Combination	-41.752	-6.392	0.000	0.0000	0.0000
28	0.12500	COMB8	Combination	-41.752	-5.142	0.000	0.0000	0.0000
28	0.12500	COMB8	Combination	-41.377	-5.048	0.000	0.0000	0.0000
28	0.25000	COMB8	Combination	-41.377	-3.798	0.000	0.0000	0.0000
28	0.00000	COMB9	Combination	-17.504	27.027	0.000	0.0000	0.0000
28	0.12500	COMB9	Combination	-17.504	28.277	0.000	0.0000	0.0000
28	0.12500	COMB9	Combination	-17.504	28.277	0.000	0.0000	0.0000
28	0.25000	COMB9	Combination	-17.504	29.527	0.000	0.0000	0.0000
28	0.00000	COMB10	Combination	-20.302	23.215	0.000	0.0000	0.0000
28	0.12500	COMB10	Combination	-20.302	24.465	0.000	0.0000	0.0000
28	0.12500	COMB10	Combination	-20.302	24.465	0.000	0.0000	0.0000
28	0.25000	COMB10	Combination	-20.302	25.715	0.000	0.0000	0.0000
28	0.00000	COMB11	Combination	-4.490	23.315	0.000	0.0000	0.0000
28	0.12500	COMB11	Combination	-4.490	26.440	0.000	0.0000	0.0000
28	0.12500	COMB11	Combination	-4.490	26.440	0.000	0.0000	0.0000
28	0.25000	COMB11	Combination	-4.490	29.565	0.000	0.0000	0.0000
28	0.00000	COMB12	Combination	-30.955	9.128	0.000	0.0000	0.0000
28	0.12500	COMB12	Combination	-30.955	10.378	0.000	0.0000	0.0000
28	0.12500	COMB12	Combination	-30.955	10.378	0.000	0.0000	0.0000
28	0.25000	COMB12	Combination	-30.955	11.628	0.000	0.0000	0.0000
28	0.00000	COMB13	Combination	-23.341	11.891	0.000	0.0000	0.0000
28	0.12500	COMB13	Combination	-23.341	13.141	0.000	0.0000	0.0000
28	0.12500	COMB13	Combination	-23.341	13.141	0.000	0.0000	0.0000
28	0.25000	COMB13	Combination	-23.341	14.391	0.000	0.0000	0.0000
29	0.00000	COMB1	Combination	-18.484	16.146	0.000	0.0000	0.0000
29	0.12500	COMB1	Combination	-18.484	17.834	0.000	0.0000	0.0000
29	0.12500	COMB1	Combination	-18.484	17.834	0.000	0.0000	0.0000
29	0.25000	COMB1	Combination	-18.484	19.521	0.000	0.0000	0.0000
29	0.00000	COMB2	Combination	-9.282	14.348	0.000	0.0000	0.0000
29	0.12500	COMB2	Combination	-9.282	17.911	0.000	0.0000	0.0000
29	0.12500	COMB2	Combination	-9.282	17.911	0.000	0.0000	0.0000
29	0.25000	COMB2	Combination	-9.282	21.473	0.000	0.0000	0.0000
29	0.00000	COMB3	Combination	-7.962	11.179	0.000	0.0000	0.0000
29	0.12500	COMB3	Combination	-7.962	15.679	0.000	0.0000	0.0000
29	0.12500	COMB3	Combination	-7.962	15.679	0.000	0.0000	0.0000
29	0.25000	COMB3	Combination	-7.962	20.179	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
29	0.00000	COMB4	Combination	-51.559	-10.938	0.000	0.0000	0.0000
29	0.12500	COMB4	Combination	-51.559	-9.250	0.000	0.0000	0.0000
29	0.12500	COMB4	Combination	-51.559	-9.250	0.000	0.0000	0.0000
29	0.25000	COMB4	Combination	-51.559	-7.563	0.000	0.0000	0.0000
29	0.00000	COMB5	Combination	-45.423	-10.951	0.000	0.0000	0.0000
29	0.12500	COMB5	Combination	-45.423	-9.264	0.000	0.0000	0.0000
29	0.12500	COMB5	Combination	-45.423	-9.264	0.000	0.0000	0.0000
29	0.25000	COMB5	Combination	-45.423	-7.576	0.000	0.0000	0.0000
29	0.00000	COMB6	Combination	-26.359	-1.128	0.000	0.0000	0.0000
29	0.12500	COMB6	Combination	-26.359	0.122	0.000	0.0000	0.0000
29	0.12500	COMB6	Combination	-25.984	0.028	0.000	0.0000	0.0000
29	0.25000	COMB6	Combination	-25.984	1.278	0.000	0.0000	0.0000
29	0.00000	COMB7	Combination	-26.526	-0.903	0.000	0.0000	0.0000
29	0.12500	COMB7	Combination	-26.526	0.347	0.000	0.0000	0.0000
29	0.12500	COMB7	Combination	-26.151	0.441	0.000	0.0000	0.0000
29	0.25000	COMB7	Combination	-26.151	1.691	0.000	0.0000	0.0000
29	0.00000	COMB8	Combination	-41.377	-14.287	0.000	0.0000	0.0000
29	0.12500	COMB8	Combination	-41.377	-13.037	0.000	0.0000	0.0000
29	0.12500	COMB8	Combination	-41.002	-12.943	0.000	0.0000	0.0000
29	0.25000	COMB8	Combination	-41.002	-11.693	0.000	0.0000	0.0000
29	0.00000	COMB9	Combination	-17.504	12.973	0.000	0.0000	0.0000
29	0.12500	COMB9	Combination	-17.504	14.223	0.000	0.0000	0.0000
29	0.12500	COMB9	Combination	-17.504	14.223	0.000	0.0000	0.0000
29	0.25000	COMB9	Combination	-17.504	15.473	0.000	0.0000	0.0000
29	0.00000	COMB10	Combination	-20.302	11.037	0.000	0.0000	0.0000
29	0.12500	COMB10	Combination	-20.302	12.287	0.000	0.0000	0.0000
29	0.12500	COMB10	Combination	-20.302	12.287	0.000	0.0000	0.0000
29	0.25000	COMB10	Combination	-20.302	13.537	0.000	0.0000	0.0000
29	0.00000	COMB11	Combination	-4.490	10.162	0.000	0.0000	0.0000
29	0.12500	COMB11	Combination	-4.490	13.287	0.000	0.0000	0.0000
29	0.12500	COMB11	Combination	-4.490	13.287	0.000	0.0000	0.0000
29	0.25000	COMB11	Combination	-4.490	16.412	0.000	0.0000	0.0000
29	0.00000	COMB12	Combination	-30.955	-3.094	0.000	0.0000	0.0000
29	0.12500	COMB12	Combination	-30.955	-1.844	0.000	0.0000	0.0000
29	0.12500	COMB12	Combination	-30.955	-1.844	0.000	0.0000	0.0000
29	0.25000	COMB12	Combination	-30.955	-0.594	0.000	0.0000	0.0000
29	0.00000	COMB13	Combination	-23.341	5.282	0.000	0.0000	0.0000
29	0.12500	COMB13	Combination	-23.341	6.532	0.000	0.0000	0.0000
29	0.12500	COMB13	Combination	-23.341	6.532	0.000	0.0000	0.0000
29	0.25000	COMB13	Combination	-23.341	7.782	0.000	0.0000	0.0000
30	0.00000	COMB1	Combination	-18.484	-1.324	0.000	0.0000	0.0000
30	0.12500	COMB1	Combination	-18.484	0.364	0.000	0.0000	0.0000
30	0.12500	COMB1	Combination	-18.484	0.364	0.000	0.0000	0.0000
30	0.25000	COMB1	Combination	-18.484	2.051	0.000	0.0000	0.0000
30	0.00000	COMB2	Combination	-9.282	-3.199	0.000	0.0000	0.0000
30	0.12500	COMB2	Combination	-9.282	0.364	0.000	0.0000	0.0000
30	0.12500	COMB2	Combination	-9.282	0.364	0.000	0.0000	0.0000
30	0.25000	COMB2	Combination	-9.282	3.926	0.000	0.0000	0.0000
30	0.00000	COMB3	Combination	-7.962	-4.228	0.000	0.0000	0.0000
30	0.12500	COMB3	Combination	-7.962	0.272	0.000	0.0000	0.0000
30	0.12500	COMB3	Combination	-7.962	0.272	0.000	0.0000	0.0000
30	0.25000	COMB3	Combination	-7.962	4.772	0.000	0.0000	0.0000
30	0.00000	COMB4	Combination	-51.559	-20.134	0.000	0.0000	0.0000
30	0.12500	COMB4	Combination	-51.559	-18.446	0.000	0.0000	0.0000
30	0.12500	COMB4	Combination	-51.559	-18.446	0.000	0.0000	0.0000
30	0.25000	COMB4	Combination	-51.559	-16.759	0.000	0.0000	0.0000
30	0.00000	COMB5	Combination	-45.423	-20.134	0.000	0.0000	0.0000
30	0.12500	COMB5	Combination	-45.423	-18.446	0.000	0.0000	0.0000
30	0.12500	COMB5	Combination	-45.423	-18.446	0.000	0.0000	0.0000
30	0.25000	COMB5	Combination	-45.423	-16.759	0.000	0.0000	0.0000
30	0.00000	COMB6	Combination	-25.984	-7.625	0.000	0.0000	0.0000
30	0.12500	COMB6	Combination	-25.984	-6.375	0.000	0.0000	0.0000
30	0.12500	COMB6	Combination	-25.609	-6.469	0.000	0.0000	0.0000
30	0.25000	COMB6	Combination	-25.609	-5.219	0.000	0.0000	0.0000
30	0.00000	COMB7	Combination	-26.151	-7.719	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
30	0.12500	COMB7	Combination	-26.151	-6.469	0.000	0.0000	0.0000
30	0.12500	COMB7	Combination	-25.776	-6.375	0.000	0.0000	0.0000
30	0.25000	COMB7	Combination	-25.776	-5.125	0.000	0.0000	0.0000
30	0.00000	COMB8	Combination	-41.002	-21.383	0.000	0.0000	0.0000
30	0.12500	COMB8	Combination	-41.002	-20.133	0.000	0.0000	0.0000
30	0.12500	COMB8	Combination	-40.627	-20.039	0.000	0.0000	0.0000
30	0.25000	COMB8	Combination	-40.627	-18.789	0.000	0.0000	0.0000
30	0.00000	COMB9	Combination	-17.504	-0.940	0.000	0.0000	0.0000
30	0.12500	COMB9	Combination	-17.504	0.310	0.000	0.0000	0.0000
30	0.12500	COMB9	Combination	-17.504	0.310	0.000	0.0000	0.0000
30	0.25000	COMB9	Combination	-17.504	1.560	0.000	0.0000	0.0000
30	0.00000	COMB10	Combination	-20.302	-1.018	0.000	0.0000	0.0000
30	0.12500	COMB10	Combination	-20.302	0.232	0.000	0.0000	0.0000
30	0.12500	COMB10	Combination	-20.302	0.232	0.000	0.0000	0.0000
30	0.25000	COMB10	Combination	-20.302	1.482	0.000	0.0000	0.0000
30	0.00000	COMB11	Combination	-4.490	-2.856	0.000	0.0000	0.0000
30	0.12500	COMB11	Combination	-4.490	0.269	0.000	0.0000	0.0000
30	0.12500	COMB11	Combination	-4.490	0.269	0.000	0.0000	0.0000
30	0.25000	COMB11	Combination	-4.490	3.394	0.000	0.0000	0.0000
30	0.00000	COMB12	Combination	-30.955	-14.712	0.000	0.0000	0.0000
30	0.12500	COMB12	Combination	-30.955	-13.462	0.000	0.0000	0.0000
30	0.12500	COMB12	Combination	-30.955	-13.462	0.000	0.0000	0.0000
30	0.25000	COMB12	Combination	-30.955	-12.212	0.000	0.0000	0.0000
30	0.00000	COMB13	Combination	-23.341	-1.250	0.000	0.0000	0.0000
30	0.12500	COMB13	Combination	-23.341	9.094E-12	0.000	0.0000	0.0000
30	0.12500	COMB13	Combination	-23.341	9.094E-12	0.000	0.0000	0.0000
30	0.25000	COMB13	Combination	-23.341	1.250	0.000	0.0000	0.0000
31	0.00000	COMB1	Combination	-18.484	-18.832	0.000	0.0000	0.0000
31	0.12500	COMB1	Combination	-18.484	-17.145	0.000	0.0000	0.0000
31	0.12500	COMB1	Combination	-18.484	-17.145	0.000	0.0000	0.0000
31	0.25000	COMB1	Combination	-18.484	-15.457	0.000	0.0000	0.0000
31	0.00000	COMB2	Combination	-9.282	-20.784	0.000	0.0000	0.0000
31	0.12500	COMB2	Combination	-9.282	-17.222	0.000	0.0000	0.0000
31	0.12500	COMB2	Combination	-9.282	-17.222	0.000	0.0000	0.0000
31	0.25000	COMB2	Combination	-9.282	-13.659	0.000	0.0000	0.0000
31	0.00000	COMB3	Combination	-7.962	-19.663	0.000	0.0000	0.0000
31	0.12500	COMB3	Combination	-7.962	-15.163	0.000	0.0000	0.0000
31	0.12500	COMB3	Combination	-7.962	-15.163	0.000	0.0000	0.0000
31	0.25000	COMB3	Combination	-7.962	-10.663	0.000	0.0000	0.0000
31	0.00000	COMB4	Combination	-51.559	-28.677	0.000	0.0000	0.0000
31	0.12500	COMB4	Combination	-51.559	-26.989	0.000	0.0000	0.0000
31	0.12500	COMB4	Combination	-51.559	-26.989	0.000	0.0000	0.0000
31	0.25000	COMB4	Combination	-51.559	-25.302	0.000	0.0000	0.0000
31	0.00000	COMB5	Combination	-45.423	-28.663	0.000	0.0000	0.0000
31	0.12500	COMB5	Combination	-45.423	-26.976	0.000	0.0000	0.0000
31	0.12500	COMB5	Combination	-45.423	-26.976	0.000	0.0000	0.0000
31	0.25000	COMB5	Combination	-45.423	-25.288	0.000	0.0000	0.0000
31	0.00000	COMB6	Combination	-25.609	-13.887	0.000	0.0000	0.0000
31	0.12500	COMB6	Combination	-25.609	-12.637	0.000	0.0000	0.0000
31	0.12500	COMB6	Combination	-25.234	-12.731	0.000	0.0000	0.0000
31	0.25000	COMB6	Combination	-25.234	-11.481	0.000	0.0000	0.0000
31	0.00000	COMB7	Combination	-25.776	-14.299	0.000	0.0000	0.0000
31	0.12500	COMB7	Combination	-25.776	-13.049	0.000	0.0000	0.0000
31	0.12500	COMB7	Combination	-25.401	-12.955	0.000	0.0000	0.0000
31	0.25000	COMB7	Combination	-25.401	-11.705	0.000	0.0000	0.0000
31	0.00000	COMB8	Combination	-40.627	-27.759	0.000	0.0000	0.0000
31	0.12500	COMB8	Combination	-40.627	-26.509	0.000	0.0000	0.0000
31	0.12500	COMB8	Combination	-40.252	-26.415	0.000	0.0000	0.0000
31	0.25000	COMB8	Combination	-40.252	-25.165	0.000	0.0000	0.0000
31	0.00000	COMB9	Combination	-17.504	-14.886	0.000	0.0000	0.0000
31	0.12500	COMB9	Combination	-17.504	-13.636	0.000	0.0000	0.0000
31	0.12500	COMB9	Combination	-17.504	-13.636	0.000	0.0000	0.0000
31	0.25000	COMB9	Combination	-17.504	-12.386	0.000	0.0000	0.0000
31	0.00000	COMB10	Combination	-20.302	-13.098	0.000	0.0000	0.0000
31	0.12500	COMB10	Combination	-20.302	-11.848	0.000	0.0000	0.0000



Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
31	0.12500	COMB10	Combination	-20.302	-11.848	0.000	0.0000	0.0000
31	0.25000	COMB10	Combination	-20.302	-10.598	0.000	0.0000	0.0000
31	0.00000	COMB11	Combination	-4.490	-15.902	0.000	0.0000	0.0000
31	0.12500	COMB11	Combination	-4.490	-12.777	0.000	0.0000	0.0000
31	0.12500	COMB11	Combination	-4.490	-12.777	0.000	0.0000	0.0000
31	0.25000	COMB11	Combination	-4.490	-9.652	0.000	0.0000	0.0000
31	0.00000	COMB12	Combination	-30.955	-25.868	0.000	0.0000	0.0000
31	0.12500	COMB12	Combination	-30.955	-24.618	0.000	0.0000	0.0000
31	0.12500	COMB12	Combination	-30.955	-24.618	0.000	0.0000	0.0000
31	0.25000	COMB12	Combination	-30.955	-23.368	0.000	0.0000	0.0000
31	0.00000	COMB13	Combination	-23.341	-7.782	0.000	0.0000	0.0000
31	0.12500	COMB13	Combination	-23.341	-6.532	0.000	0.0000	0.0000
31	0.12500	COMB13	Combination	-23.341	-6.532	0.000	0.0000	0.0000
31	0.25000	COMB13	Combination	-23.341	-5.282	0.000	0.0000	0.0000
32	0.00000	COMB1	Combination	-18.484	-36.597	0.000	0.0000	0.0000
32	0.12500	COMB1	Combination	-18.484	-34.909	0.000	0.0000	0.0000
32	0.12500	COMB1	Combination	-18.484	-34.909	0.000	0.0000	0.0000
32	0.25000	COMB1	Combination	-18.484	-33.222	0.000	0.0000	0.0000
32	0.00000	COMB2	Combination	-9.282	-38.628	0.000	0.0000	0.0000
32	0.12500	COMB2	Combination	-9.282	-35.066	0.000	0.0000	0.0000
32	0.12500	COMB2	Combination	-9.282	-35.066	0.000	0.0000	0.0000
32	0.25000	COMB2	Combination	-9.282	-31.503	0.000	0.0000	0.0000
32	0.00000	COMB3	Combination	-7.962	-35.320	0.000	0.0000	0.0000
32	0.12500	COMB3	Combination	-7.962	-30.820	0.000	0.0000	0.0000
32	0.12500	COMB3	Combination	-7.962	-30.820	0.000	0.0000	0.0000
32	0.25000	COMB3	Combination	-7.962	-26.320	0.000	0.0000	0.0000
32	0.00000	COMB4	Combination	-51.559	-36.660	0.000	0.0000	0.0000
32	0.12500	COMB4	Combination	-51.559	-34.973	0.000	0.0000	0.0000
32	0.12500	COMB4	Combination	-51.559	-34.973	0.000	0.0000	0.0000
32	0.25000	COMB4	Combination	-51.559	-33.285	0.000	0.0000	0.0000
32	0.00000	COMB5	Combination	-45.423	-36.634	0.000	0.0000	0.0000
32	0.12500	COMB5	Combination	-45.423	-34.947	0.000	0.0000	0.0000
32	0.12500	COMB5	Combination	-45.423	-34.947	0.000	0.0000	0.0000
32	0.25000	COMB5	Combination	-45.423	-33.259	0.000	0.0000	0.0000
32	0.00000	COMB6	Combination	-25.234	-19.985	0.000	0.0000	0.0000
32	0.12500	COMB6	Combination	-25.234	-18.735	0.000	0.0000	0.0000
32	0.12500	COMB6	Combination	-24.859	-18.829	0.000	0.0000	0.0000
32	0.25000	COMB6	Combination	-24.859	-17.579	0.000	0.0000	0.0000
32	0.00000	COMB7	Combination	-25.401	-20.719	0.000	0.0000	0.0000
32	0.12500	COMB7	Combination	-25.401	-19.469	0.000	0.0000	0.0000
32	0.12500	COMB7	Combination	-25.026	-19.375	0.000	0.0000	0.0000
32	0.25000	COMB7	Combination	-25.026	-18.125	0.000	0.0000	0.0000
32	0.00000	COMB8	Combination	-40.252	-33.484	0.000	0.0000	0.0000
32	0.12500	COMB8	Combination	-40.252	-32.234	0.000	0.0000	0.0000
32	0.12500	COMB8	Combination	-39.877	-32.140	0.000	0.0000	0.0000
32	0.25000	COMB8	Combination	-39.877	-30.890	0.000	0.0000	0.0000
32	0.00000	COMB9	Combination	-17.504	-29.038	0.000	0.0000	0.0000
32	0.12500	COMB9	Combination	-17.504	-27.788	0.000	0.0000	0.0000
32	0.12500	COMB9	Combination	-17.504	-27.788	0.000	0.0000	0.0000
32	0.25000	COMB9	Combination	-17.504	-26.538	0.000	0.0000	0.0000
32	0.00000	COMB10	Combination	-20.302	-25.350	0.000	0.0000	0.0000
32	0.12500	COMB10	Combination	-20.302	-24.100	0.000	0.0000	0.0000
32	0.12500	COMB10	Combination	-20.302	-24.100	0.000	0.0000	0.0000
32	0.25000	COMB10	Combination	-20.302	-22.850	0.000	0.0000	0.0000
32	0.00000	COMB11	Combination	-4.490	-29.140	0.000	0.0000	0.0000
32	0.12500	COMB11	Combination	-4.490	-26.015	0.000	0.0000	0.0000
32	0.12500	COMB11	Combination	-4.490	-26.015	0.000	0.0000	0.0000
32	0.25000	COMB11	Combination	-4.490	-22.890	0.000	0.0000	0.0000
32	0.00000	COMB12	Combination	-30.955	-36.694	0.000	0.0000	0.0000
32	0.12500	COMB12	Combination	-30.955	-35.444	0.000	0.0000	0.0000
32	0.12500	COMB12	Combination	-30.955	-35.444	0.000	0.0000	0.0000
32	0.25000	COMB12	Combination	-30.955	-34.194	0.000	0.0000	0.0000
32	0.00000	COMB13	Combination	-23.341	-14.391	0.000	0.0000	0.0000
32	0.12500	COMB13	Combination	-23.341	-13.141	0.000	0.0000	0.0000
32	0.12500	COMB13	Combination	-23.341	-13.141	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
32	0.25000	COMB13	Combination	-23.341	-11.891	0.000	0.0000	0.0000
33	0.00000	COMB1	Combination	-18.484	-54.825	0.000	0.0000	0.0000
33	0.12500	COMB1	Combination	-18.484	-53.138	0.000	0.0000	0.0000
33	0.12500	COMB1	Combination	-18.484	-53.138	0.000	0.0000	0.0000
33	0.25000	COMB1	Combination	-18.484	-51.450	0.000	0.0000	0.0000
33	0.00000	COMB2	Combination	-9.282	-56.941	0.000	0.0000	0.0000
33	0.12500	COMB2	Combination	-9.282	-53.379	0.000	0.0000	0.0000
33	0.12500	COMB2	Combination	-9.282	-53.379	0.000	0.0000	0.0000
33	0.25000	COMB2	Combination	-9.282	-49.816	0.000	0.0000	0.0000
33	0.00000	COMB3	Combination	-7.962	-51.382	0.000	0.0000	0.0000
33	0.12500	COMB3	Combination	-7.962	-46.882	0.000	0.0000	0.0000
33	0.12500	COMB3	Combination	-7.962	-46.882	0.000	0.0000	0.0000
33	0.25000	COMB3	Combination	-7.962	-42.382	0.000	0.0000	0.0000
33	0.00000	COMB4	Combination	-51.559	-44.162	0.000	0.0000	0.0000
33	0.12500	COMB4	Combination	-51.559	-42.474	0.000	0.0000	0.0000
33	0.12500	COMB4	Combination	-51.559	-42.474	0.000	0.0000	0.0000
33	0.25000	COMB4	Combination	-51.559	-40.787	0.000	0.0000	0.0000
33	0.00000	COMB5	Combination	-45.423	-44.126	0.000	0.0000	0.0000
33	0.12500	COMB5	Combination	-45.423	-42.438	0.000	0.0000	0.0000
33	0.12500	COMB5	Combination	-45.423	-42.438	0.000	0.0000	0.0000
33	0.25000	COMB5	Combination	-45.423	-40.751	0.000	0.0000	0.0000
33	0.00000	COMB6	Combination	-24.859	-25.984	0.000	0.0000	0.0000
33	0.12500	COMB6	Combination	-24.859	-24.734	0.000	0.0000	0.0000
33	0.12500	COMB6	Combination	-24.484	-24.828	0.000	0.0000	0.0000
33	0.25000	COMB6	Combination	-24.484	-23.578	0.000	0.0000	0.0000
33	0.00000	COMB7	Combination	-25.026	-27.048	0.000	0.0000	0.0000
33	0.12500	COMB7	Combination	-25.026	-25.798	0.000	0.0000	0.0000
33	0.12500	COMB7	Combination	-24.651	-25.704	0.000	0.0000	0.0000
33	0.25000	COMB7	Combination	-24.651	-24.454	0.000	0.0000	0.0000
33	0.00000	COMB8	Combination	-39.877	-38.613	0.000	0.0000	0.0000
33	0.12500	COMB8	Combination	-39.877	-37.363	0.000	0.0000	0.0000
33	0.12500	COMB8	Combination	-39.502	-37.269	0.000	0.0000	0.0000
33	0.25000	COMB8	Combination	-39.502	-36.019	0.000	0.0000	0.0000
33	0.00000	COMB9	Combination	-17.504	-43.562	0.000	0.0000	0.0000
33	0.12500	COMB9	Combination	-17.504	-42.312	0.000	0.0000	0.0000
33	0.12500	COMB9	Combination	-17.504	-42.312	0.000	0.0000	0.0000
33	0.25000	COMB9	Combination	-17.504	-41.062	0.000	0.0000	0.0000
33	0.00000	COMB10	Combination	-20.302	-37.917	0.000	0.0000	0.0000
33	0.12500	COMB10	Combination	-20.302	-36.667	0.000	0.0000	0.0000
33	0.12500	COMB10	Combination	-20.302	-36.667	0.000	0.0000	0.0000
33	0.25000	COMB10	Combination	-20.302	-35.417	0.000	0.0000	0.0000
33	0.00000	COMB11	Combination	-4.490	-42.727	0.000	0.0000	0.0000
33	0.12500	COMB11	Combination	-4.490	-39.602	0.000	0.0000	0.0000
33	0.12500	COMB11	Combination	-4.490	-39.602	0.000	0.0000	0.0000
33	0.25000	COMB11	Combination	-4.490	-36.477	0.000	0.0000	0.0000
33	0.00000	COMB12	Combination	-30.955	-47.310	0.000	0.0000	0.0000
33	0.12500	COMB12	Combination	-30.955	-46.060	0.000	0.0000	0.0000
33	0.12500	COMB12	Combination	-30.955	-46.060	0.000	0.0000	0.0000
33	0.25000	COMB12	Combination	-30.955	-44.810	0.000	0.0000	0.0000
33	0.00000	COMB13	Combination	-23.341	-21.148	0.000	0.0000	0.0000
33	0.12500	COMB13	Combination	-23.341	-19.898	0.000	0.0000	0.0000
33	0.12500	COMB13	Combination	-23.341	-19.898	0.000	0.0000	0.0000
33	0.25000	COMB13	Combination	-23.341	-18.648	0.000	0.0000	0.0000
34	0.00000	COMB1	Combination	-18.484	-73.706	0.000	0.0000	0.0000
34	0.12500	COMB1	Combination	-18.484	-72.018	0.000	0.0000	0.0000
34	0.12500	COMB1	Combination	-18.484	-72.018	0.000	0.0000	0.0000
34	0.25000	COMB1	Combination	-18.484	-70.331	0.000	0.0000	0.0000
34	0.00000	COMB2	Combination	-9.282	-75.914	0.000	0.0000	0.0000
34	0.12500	COMB2	Combination	-9.282	-72.351	0.000	0.0000	0.0000
34	0.12500	COMB2	Combination	-9.282	-72.351	0.000	0.0000	0.0000
34	0.25000	COMB2	Combination	-9.282	-68.789	0.000	0.0000	0.0000
34	0.00000	COMB3	Combination	-7.962	-68.015	0.000	0.0000	0.0000
34	0.12500	COMB3	Combination	-7.962	-63.515	0.000	0.0000	0.0000
34	0.12500	COMB3	Combination	-7.962	-63.515	0.000	0.0000	0.0000
34	0.25000	COMB3	Combination	-7.962	-59.015	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
34	0.00000	COMB4	Combination	-51.559	-51.240	0.000	0.0000	0.0000
34	0.12500	COMB4	Combination	-51.559	-49.552	0.000	0.0000	0.0000
34	0.12500	COMB4	Combination	-51.559	-49.552	0.000	0.0000	0.0000
34	0.25000	COMB4	Combination	-51.559	-47.865	0.000	0.0000	0.0000
34	0.00000	COMB5	Combination	-45.423	-51.197	0.000	0.0000	0.0000
34	0.12500	COMB5	Combination	-45.423	-49.510	0.000	0.0000	0.0000
34	0.12500	COMB5	Combination	-45.423	-49.510	0.000	0.0000	0.0000
34	0.25000	COMB5	Combination	-45.423	-47.822	0.000	0.0000	0.0000
34	0.00000	COMB6	Combination	-24.484	-31.938	0.000	0.0000	0.0000
34	0.12500	COMB6	Combination	-24.484	-30.688	0.000	0.0000	0.0000
34	0.12500	COMB6	Combination	-24.109	-30.782	0.000	0.0000	0.0000
34	0.25000	COMB6	Combination	-24.109	-29.532	0.000	0.0000	0.0000
34	0.00000	COMB7	Combination	-24.651	-33.344	0.000	0.0000	0.0000
34	0.12500	COMB7	Combination	-24.651	-32.094	0.000	0.0000	0.0000
34	0.12500	COMB7	Combination	-24.276	-32.000	0.000	0.0000	0.0000
34	0.25000	COMB7	Combination	-24.276	-30.750	0.000	0.0000	0.0000
34	0.00000	COMB8	Combination	-39.502	-43.181	0.000	0.0000	0.0000
34	0.12500	COMB8	Combination	-39.502	-41.931	0.000	0.0000	0.0000
34	0.12500	COMB8	Combination	-39.127	-41.837	0.000	0.0000	0.0000
34	0.25000	COMB8	Combination	-39.127	-40.587	0.000	0.0000	0.0000
34	0.00000	COMB9	Combination	-17.504	-58.606	0.000	0.0000	0.0000
34	0.12500	COMB9	Combination	-17.504	-57.356	0.000	0.0000	0.0000
34	0.12500	COMB9	Combination	-17.504	-57.356	0.000	0.0000	0.0000
34	0.25000	COMB9	Combination	-17.504	-56.106	0.000	0.0000	0.0000
34	0.00000	COMB10	Combination	-20.302	-50.927	0.000	0.0000	0.0000
34	0.12500	COMB10	Combination	-20.302	-49.677	0.000	0.0000	0.0000
34	0.12500	COMB10	Combination	-20.302	-49.677	0.000	0.0000	0.0000
34	0.25000	COMB10	Combination	-20.302	-48.427	0.000	0.0000	0.0000
34	0.00000	COMB11	Combination	-4.490	-56.805	0.000	0.0000	0.0000
34	0.12500	COMB11	Combination	-4.490	-53.680	0.000	0.0000	0.0000
34	0.12500	COMB11	Combination	-4.490	-53.680	0.000	0.0000	0.0000
34	0.25000	COMB11	Combination	-4.490	-50.555	0.000	0.0000	0.0000
34	0.00000	COMB12	Combination	-30.955	-57.814	0.000	0.0000	0.0000
34	0.12500	COMB12	Combination	-30.955	-56.564	0.000	0.0000	0.0000
34	0.12500	COMB12	Combination	-30.955	-56.564	0.000	0.0000	0.0000
34	0.25000	COMB12	Combination	-30.955	-55.314	0.000	0.0000	0.0000
34	0.00000	COMB13	Combination	-23.341	-28.119	0.000	0.0000	0.0000
34	0.12500	COMB13	Combination	-23.341	-26.869	0.000	0.0000	0.0000
34	0.12500	COMB13	Combination	-23.341	-26.869	0.000	0.0000	0.0000
34	0.25000	COMB13	Combination	-23.341	-25.619	0.000	0.0000	0.0000
35	0.00000	COMB1	Combination	-18.484	-93.398	0.000	0.0000	0.0000
35	0.12500	COMB1	Combination	-18.484	-91.710	0.000	0.0000	0.0000
35	0.12500	COMB1	Combination	-18.484	-91.710	0.000	0.0000	0.0000
35	0.25000	COMB1	Combination	-18.484	-90.023	0.000	0.0000	0.0000
35	0.00000	COMB2	Combination	-9.282	-95.706	0.000	0.0000	0.0000
35	0.12500	COMB2	Combination	-9.282	-92.144	0.000	0.0000	0.0000
35	0.12500	COMB2	Combination	-9.282	-92.144	0.000	0.0000	0.0000
35	0.25000	COMB2	Combination	-9.282	-88.581	0.000	0.0000	0.0000
35	0.00000	COMB3	Combination	-7.962	-85.360	0.000	0.0000	0.0000
35	0.12500	COMB3	Combination	-7.962	-80.860	0.000	0.0000	0.0000
35	0.12500	COMB3	Combination	-7.962	-80.860	0.000	0.0000	0.0000
35	0.25000	COMB3	Combination	-7.962	-76.360	0.000	0.0000	0.0000
35	0.00000	COMB4	Combination	-51.559	-57.929	0.000	0.0000	0.0000
35	0.12500	COMB4	Combination	-51.559	-56.241	0.000	0.0000	0.0000
35	0.12500	COMB4	Combination	-51.559	-56.241	0.000	0.0000	0.0000
35	0.25000	COMB4	Combination	-51.559	-54.554	0.000	0.0000	0.0000
35	0.00000	COMB5	Combination	-45.423	-57.883	0.000	0.0000	0.0000
35	0.12500	COMB5	Combination	-45.423	-56.196	0.000	0.0000	0.0000
35	0.12500	COMB5	Combination	-45.423	-56.196	0.000	0.0000	0.0000
35	0.25000	COMB5	Combination	-45.423	-54.508	0.000	0.0000	0.0000
35	0.00000	COMB6	Combination	-24.109	-37.888	0.000	0.0000	0.0000
35	0.12500	COMB6	Combination	-24.109	-36.638	0.000	0.0000	0.0000
35	0.12500	COMB6	Combination	-23.734	-36.732	0.000	0.0000	0.0000
35	0.25000	COMB6	Combination	-23.734	-35.482	0.000	0.0000	0.0000
35	0.00000	COMB7	Combination	-24.276	-39.648	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
35	0.12500	COMB7	Combination	-24.276	-38.398	0.000	0.0000	0.0000
35	0.12500	COMB7	Combination	-23.901	-38.304	0.000	0.0000	0.0000
35	0.25000	COMB7	Combination	-23.901	-37.054	0.000	0.0000	0.0000
35	0.00000	COMB8	Combination	-39.127	-47.201	0.000	0.0000	0.0000
35	0.12500	COMB8	Combination	-39.127	-45.951	0.000	0.0000	0.0000
35	0.12500	COMB8	Combination	-38.752	-45.857	0.000	0.0000	0.0000
35	0.25000	COMB8	Combination	-38.752	-44.607	0.000	0.0000	0.0000
35	0.00000	COMB9	Combination	-17.504	-74.296	0.000	0.0000	0.0000
35	0.12500	COMB9	Combination	-17.504	-73.046	0.000	0.0000	0.0000
35	0.12500	COMB9	Combination	-17.504	-73.046	0.000	0.0000	0.0000
35	0.25000	COMB9	Combination	-17.504	-71.796	0.000	0.0000	0.0000
35	0.00000	COMB10	Combination	-20.302	-64.487	0.000	0.0000	0.0000
35	0.12500	COMB10	Combination	-20.302	-63.237	0.000	0.0000	0.0000
35	0.12500	COMB10	Combination	-20.302	-63.237	0.000	0.0000	0.0000
35	0.25000	COMB10	Combination	-20.302	-61.987	0.000	0.0000	0.0000
35	0.00000	COMB11	Combination	-4.490	-71.492	0.000	0.0000	0.0000
35	0.12500	COMB11	Combination	-4.490	-68.367	0.000	0.0000	0.0000
35	0.12500	COMB11	Combination	-4.490	-68.367	0.000	0.0000	0.0000
35	0.25000	COMB11	Combination	-4.490	-65.242	0.000	0.0000	0.0000
35	0.00000	COMB12	Combination	-30.955	-68.280	0.000	0.0000	0.0000
35	0.12500	COMB12	Combination	-30.955	-67.030	0.000	0.0000	0.0000
35	0.12500	COMB12	Combination	-30.955	-67.030	0.000	0.0000	0.0000
35	0.25000	COMB12	Combination	-30.955	-65.780	0.000	0.0000	0.0000
35	0.00000	COMB13	Combination	-23.341	-35.358	0.000	0.0000	0.0000
35	0.12500	COMB13	Combination	-23.341	-34.108	0.000	0.0000	0.0000
35	0.12500	COMB13	Combination	-23.341	-34.108	0.000	0.0000	0.0000
35	0.25000	COMB13	Combination	-23.341	-32.858	0.000	0.0000	0.0000
36	0.00000	COMB1	Combination	-18.484	-114.018	0.000	0.0000	0.0000
36	0.12500	COMB1	Combination	-18.484	-112.330	0.000	0.0000	0.0000
36	0.12500	COMB1	Combination	-18.484	-112.330	0.000	0.0000	0.0000
36	0.25000	COMB1	Combination	-18.484	-110.643	0.000	0.0000	0.0000
36	0.00000	COMB2	Combination	-9.282	-116.439	0.000	0.0000	0.0000
36	0.12500	COMB2	Combination	-9.282	-112.876	0.000	0.0000	0.0000
36	0.12500	COMB2	Combination	-9.282	-112.876	0.000	0.0000	0.0000
36	0.25000	COMB2	Combination	-9.282	-109.314	0.000	0.0000	0.0000
36	0.00000	COMB3	Combination	-7.962	-103.521	0.000	0.0000	0.0000
36	0.12500	COMB3	Combination	-7.962	-99.021	0.000	0.0000	0.0000
36	0.12500	COMB3	Combination	-7.962	-99.021	0.000	0.0000	0.0000
36	0.25000	COMB3	Combination	-7.962	-94.521	0.000	0.0000	0.0000
36	0.00000	COMB4	Combination	-51.559	-64.234	0.000	0.0000	0.0000
36	0.12500	COMB4	Combination	-51.559	-62.546	0.000	0.0000	0.0000
36	0.12500	COMB4	Combination	-51.559	-62.546	0.000	0.0000	0.0000
36	0.25000	COMB4	Combination	-51.559	-60.859	0.000	0.0000	0.0000
36	0.00000	COMB5	Combination	-45.423	-64.191	0.000	0.0000	0.0000
36	0.12500	COMB5	Combination	-45.423	-62.503	0.000	0.0000	0.0000
36	0.12500	COMB5	Combination	-45.423	-62.503	0.000	0.0000	0.0000
36	0.25000	COMB5	Combination	-45.423	-60.816	0.000	0.0000	0.0000
36	0.00000	COMB6	Combination	-23.734	-43.855	0.000	0.0000	0.0000
36	0.12500	COMB6	Combination	-23.734	-42.605	0.000	0.0000	0.0000
36	0.12500	COMB6	Combination	-23.359	-42.699	0.000	0.0000	0.0000
36	0.25000	COMB6	Combination	-23.359	-41.449	0.000	0.0000	0.0000
36	0.00000	COMB7	Combination	-23.901	-45.986	0.000	0.0000	0.0000
36	0.12500	COMB7	Combination	-23.901	-44.736	0.000	0.0000	0.0000
36	0.12500	COMB7	Combination	-23.526	-44.642	0.000	0.0000	0.0000
36	0.25000	COMB7	Combination	-23.526	-43.392	0.000	0.0000	0.0000
36	0.00000	COMB8	Combination	-38.752	-50.664	0.000	0.0000	0.0000
36	0.12500	COMB8	Combination	-38.752	-49.414	0.000	0.0000	0.0000
36	0.12500	COMB8	Combination	-38.377	-49.320	0.000	0.0000	0.0000
36	0.25000	COMB8	Combination	-38.377	-48.070	0.000	0.0000	0.0000
36	0.00000	COMB9	Combination	-17.504	-90.727	0.000	0.0000	0.0000
36	0.12500	COMB9	Combination	-17.504	-89.477	0.000	0.0000	0.0000
36	0.12500	COMB9	Combination	-17.504	-89.477	0.000	0.0000	0.0000
36	0.25000	COMB9	Combination	-17.504	-88.227	0.000	0.0000	0.0000
36	0.00000	COMB10	Combination	-20.302	-78.677	0.000	0.0000	0.0000
36	0.12500	COMB10	Combination	-20.302	-77.427	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
36	0.12500	COMB10	Combination	-20.302	-77.427	0.000	0.0000	0.0000
36	0.25000	COMB10	Combination	-20.302	-76.177	0.000	0.0000	0.0000
36	0.00000	COMB11	Combination	-4.490	-86.879	0.000	0.0000	0.0000
36	0.12500	COMB11	Combination	-4.490	-83.754	0.000	0.0000	0.0000
36	0.12500	COMB11	Combination	-4.490	-83.754	0.000	0.0000	0.0000
36	0.25000	COMB11	Combination	-4.490	-80.629	0.000	0.0000	0.0000
36	0.00000	COMB12	Combination	-30.955	-78.746	0.000	0.0000	0.0000
36	0.12500	COMB12	Combination	-30.955	-77.496	0.000	0.0000	0.0000
36	0.12500	COMB12	Combination	-30.955	-77.496	0.000	0.0000	0.0000
36	0.25000	COMB12	Combination	-30.955	-76.246	0.000	0.0000	0.0000
36	0.00000	COMB13	Combination	-23.341	-42.903	0.000	0.0000	0.0000
36	0.12500	COMB13	Combination	-23.341	-41.653	0.000	0.0000	0.0000
36	0.12500	COMB13	Combination	-23.341	-41.653	0.000	0.0000	0.0000
36	0.25000	COMB13	Combination	-23.341	-40.403	0.000	0.0000	0.0000
37	0.00000	COMB1	Combination	-18.484	-135.632	0.000	0.0000	0.0000
37	0.12500	COMB1	Combination	-18.484	-133.945	0.000	0.0000	0.0000
37	0.12500	COMB1	Combination	-18.484	-133.945	0.000	0.0000	0.0000
37	0.25000	COMB1	Combination	-18.484	-132.257	0.000	0.0000	0.0000
37	0.00000	COMB2	Combination	-9.282	-138.179	0.000	0.0000	0.0000
37	0.12500	COMB2	Combination	-9.282	-134.616	0.000	0.0000	0.0000
37	0.12500	COMB2	Combination	-9.282	-134.616	0.000	0.0000	0.0000
37	0.25000	COMB2	Combination	-9.282	-131.054	0.000	0.0000	0.0000
37	0.00000	COMB3	Combination	-7.962	-122.556	0.000	0.0000	0.0000
37	0.12500	COMB3	Combination	-7.962	-118.056	0.000	0.0000	0.0000
37	0.12500	COMB3	Combination	-7.962	-118.056	0.000	0.0000	0.0000
37	0.25000	COMB3	Combination	-7.962	-113.556	0.000	0.0000	0.0000
37	0.00000	COMB4	Combination	-51.559	-70.129	0.000	0.0000	0.0000
37	0.12500	COMB4	Combination	-51.559	-68.441	0.000	0.0000	0.0000
37	0.12500	COMB4	Combination	-51.559	-68.441	0.000	0.0000	0.0000
37	0.25000	COMB4	Combination	-51.559	-66.754	0.000	0.0000	0.0000
37	0.00000	COMB5	Combination	-45.423	-70.095	0.000	0.0000	0.0000
37	0.12500	COMB5	Combination	-45.423	-68.408	0.000	0.0000	0.0000
37	0.12500	COMB5	Combination	-45.423	-68.408	0.000	0.0000	0.0000
37	0.25000	COMB5	Combination	-45.423	-66.720	0.000	0.0000	0.0000
37	0.00000	COMB6	Combination	-23.359	-49.841	0.000	0.0000	0.0000
37	0.12500	COMB6	Combination	-23.359	-48.591	0.000	0.0000	0.0000
37	0.12500	COMB6	Combination	-22.984	-48.685	0.000	0.0000	0.0000
37	0.25000	COMB6	Combination	-22.984	-47.435	0.000	0.0000	0.0000
37	0.00000	COMB7	Combination	-23.526	-52.361	0.000	0.0000	0.0000
37	0.12500	COMB7	Combination	-23.526	-51.111	0.000	0.0000	0.0000
37	0.12500	COMB7	Combination	-23.151	-51.017	0.000	0.0000	0.0000
37	0.25000	COMB7	Combination	-23.151	-49.767	0.000	0.0000	0.0000
37	0.00000	COMB8	Combination	-38.377	-53.533	0.000	0.0000	0.0000
37	0.12500	COMB8	Combination	-38.377	-52.283	0.000	0.0000	0.0000
37	0.12500	COMB8	Combination	-38.002	-52.189	0.000	0.0000	0.0000
37	0.25000	COMB8	Combination	-38.002	-50.939	0.000	0.0000	0.0000
37	0.00000	COMB9	Combination	-17.504	-107.951	0.000	0.0000	0.0000
37	0.12500	COMB9	Combination	-17.504	-106.701	0.000	0.0000	0.0000
37	0.12500	COMB9	Combination	-17.504	-106.701	0.000	0.0000	0.0000
37	0.25000	COMB9	Combination	-17.504	-105.451	0.000	0.0000	0.0000
37	0.00000	COMB10	Combination	-20.302	-93.540	0.000	0.0000	0.0000
37	0.12500	COMB10	Combination	-20.302	-92.290	0.000	0.0000	0.0000
37	0.12500	COMB10	Combination	-20.302	-92.290	0.000	0.0000	0.0000
37	0.25000	COMB10	Combination	-20.302	-91.040	0.000	0.0000	0.0000
37	0.00000	COMB11	Combination	-4.490	-103.015	0.000	0.0000	0.0000
37	0.12500	COMB11	Combination	-4.490	-99.890	0.000	0.0000	0.0000
37	0.12500	COMB11	Combination	-4.490	-99.890	0.000	0.0000	0.0000
37	0.25000	COMB11	Combination	-4.490	-96.765	0.000	0.0000	0.0000
37	0.00000	COMB12	Combination	-30.955	-89.218	0.000	0.0000	0.0000
37	0.12500	COMB12	Combination	-30.955	-87.968	0.000	0.0000	0.0000
37	0.12500	COMB12	Combination	-30.955	-87.968	0.000	0.0000	0.0000
37	0.25000	COMB12	Combination	-30.955	-86.718	0.000	0.0000	0.0000
37	0.00000	COMB13	Combination	-23.341	-50.775	0.000	0.0000	0.0000
37	0.12500	COMB13	Combination	-23.341	-49.525	0.000	0.0000	0.0000
37	0.12500	COMB13	Combination	-23.341	-49.525	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 1 of 2

Frame	Station m	OutputCase	CaseType	P KN	V2 KN	V3 KN	T KN-m	M2 KN-m
37	0.25000	COMB13	Combination	-23.341	-48.275	0.000	0.0000	0.0000
38	0.00000	COMB1	Combination	-18.484	-159.024	0.000	0.0000	0.0000
38	0.16250	COMB1	Combination	-18.484	-156.830	0.000	0.0000	0.0000
38	0.16250	COMB1	Combination	-18.484	-156.830	0.000	0.0000	0.0000
38	0.32500	COMB1	Combination	-18.484	-154.636	0.000	0.0000	0.0000
38	0.00000	COMB2	Combination	-9.282	-161.826	0.000	0.0000	0.0000
38	0.16250	COMB2	Combination	-9.282	-157.195	0.000	0.0000	0.0000
38	0.16250	COMB2	Combination	-9.282	-157.195	0.000	0.0000	0.0000
38	0.32500	COMB2	Combination	-9.282	-152.564	0.000	0.0000	0.0000
38	0.00000	COMB3	Combination	-7.962	-143.335	0.000	0.0000	0.0000
38	0.16250	COMB3	Combination	-7.962	-137.485	0.000	0.0000	0.0000
38	0.16250	COMB3	Combination	-7.962	-137.485	0.000	0.0000	0.0000
38	0.32500	COMB3	Combination	-7.962	-131.635	0.000	0.0000	0.0000
38	0.00000	COMB4	Combination	-51.559	-75.816	0.000	0.0000	0.0000
38	0.16250	COMB4	Combination	-51.559	-73.622	0.000	0.0000	0.0000
38	0.16250	COMB4	Combination	-51.559	-73.622	0.000	0.0000	0.0000
38	0.32500	COMB4	Combination	-51.559	-71.428	0.000	0.0000	0.0000
38	0.00000	COMB5	Combination	-45.423	-75.800	0.000	0.0000	0.0000
38	0.16250	COMB5	Combination	-45.423	-73.607	0.000	0.0000	0.0000
38	0.16250	COMB5	Combination	-45.423	-73.607	0.000	0.0000	0.0000
38	0.32500	COMB5	Combination	-45.423	-71.413	0.000	0.0000	0.0000
38	0.00000	COMB6	Combination	-22.984	-56.076	0.000	0.0000	0.0000
38	0.16250	COMB6	Combination	-22.984	-54.451	0.000	0.0000	0.0000
38	0.16250	COMB6	Combination	-22.609	-54.545	0.000	0.0000	0.0000
38	0.32500	COMB6	Combination	-22.609	-52.920	0.000	0.0000	0.0000
38	0.00000	COMB7	Combination	-23.151	-59.019	0.000	0.0000	0.0000
38	0.16250	COMB7	Combination	-23.151	-57.394	0.000	0.0000	0.0000
38	0.16250	COMB7	Combination	-22.776	-57.300	0.000	0.0000	0.0000
38	0.32500	COMB7	Combination	-22.776	-55.675	0.000	0.0000	0.0000
38	0.00000	COMB8	Combination	-38.002	-55.890	0.000	0.0000	0.0000
38	0.16250	COMB8	Combination	-38.002	-54.265	0.000	0.0000	0.0000
38	0.16250	COMB8	Combination	-37.627	-54.171	0.000	0.0000	0.0000
38	0.32500	COMB8	Combination	-37.627	-52.546	0.000	0.0000	0.0000
38	0.00000	COMB9	Combination	-17.504	-126.584	0.000	0.0000	0.0000
38	0.16250	COMB9	Combination	-17.504	-124.959	0.000	0.0000	0.0000
38	0.16250	COMB9	Combination	-17.504	-124.959	0.000	0.0000	0.0000
38	0.32500	COMB9	Combination	-17.504	-123.334	0.000	0.0000	0.0000
38	0.00000	COMB10	Combination	-20.302	-109.618	0.000	0.0000	0.0000
38	0.16250	COMB10	Combination	-20.302	-107.993	0.000	0.0000	0.0000
38	0.16250	COMB10	Combination	-20.302	-107.993	0.000	0.0000	0.0000
38	0.32500	COMB10	Combination	-20.302	-106.368	0.000	0.0000	0.0000
38	0.00000	COMB11	Combination	-4.490	-120.598	0.000	0.0000	0.0000
38	0.16250	COMB11	Combination	-4.490	-116.535	0.000	0.0000	0.0000
38	0.16250	COMB11	Combination	-4.490	-116.535	0.000	0.0000	0.0000
38	0.32500	COMB11	Combination	-4.490	-112.473	0.000	0.0000	0.0000
38	0.00000	COMB12	Combination	-30.955	-100.040	0.000	0.0000	0.0000
38	0.16250	COMB12	Combination	-30.955	-98.415	0.000	0.0000	0.0000
38	0.16250	COMB12	Combination	-30.955	-98.415	0.000	0.0000	0.0000
38	0.32500	COMB12	Combination	-30.955	-96.790	0.000	0.0000	0.0000
38	0.00000	COMB13	Combination	-23.341	-59.289	0.000	0.0000	0.0000
38	0.16250	COMB13	Combination	-23.341	-57.664	0.000	0.0000	0.0000
38	0.16250	COMB13	Combination	-23.341	-57.664	0.000	0.0000	0.0000
38	0.32500	COMB13	Combination	-23.341	-56.039	0.000	0.0000	0.0000

Table: Element Forces - Frames, Part 2 of 2

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
1	0.00000	COMB1	85.6803	1-1	0.00000
1	0.95000	COMB1	81.0357	1-1	0.95000
1	0.95000	COMB1	81.0357	1-1	0.95000
1	1.90000	COMB1	95.4890	1-1	1.90000
1	0.00000	COMB2	85.2673	1-1	0.00000

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
1	0.95000	COMB2	83.8728	1-1	0.95000
1	0.95000	COMB2	83.8728	1-1	0.95000
1	1.90000	COMB2	94.8076	1-1	1.90000
1	0.00000	COMB3	74.9514	1-1	0.00000
1	0.95000	COMB3	72.0122	1-1	0.95000
1	0.95000	COMB3	72.0122	1-1	0.95000
1	1.90000	COMB3	78.0179	1-1	1.90000
1	0.00000	COMB4	68.8691	1-1	0.00000
1	0.95000	COMB4	12.9574	1-1	0.95000
1	0.95000	COMB4	12.9574	1-1	0.95000
1	1.90000	COMB4	14.7663	1-1	1.90000
1	0.00000	COMB5	68.3324	1-1	0.00000
1	0.95000	COMB5	14.9232	1-1	0.95000
1	0.95000	COMB5	14.9232	1-1	0.95000
1	1.90000	COMB5	14.2831	1-1	1.90000
1	0.00000	COMB6	40.3967	1-1	0.00000
1	0.95000	COMB6	16.9725	1-1	0.95000
1	0.95000	COMB6	16.9725	1-1	0.95000
1	1.90000	COMB6	15.2940	1-1	1.90000
1	0.00000	COMB7	41.9583	1-1	0.00000
1	0.95000	COMB7	18.3727	1-1	0.95000
1	0.95000	COMB7	18.3727	1-1	0.95000
1	1.90000	COMB7	16.5329	1-1	1.90000
1	0.00000	COMB8	59.2389	1-1	0.00000
1	0.95000	COMB8	7.0007	1-1	0.95000
1	0.95000	COMB8	7.0007	1-1	0.95000
1	1.90000	COMB8	5.1175	1-1	1.90000
1	0.00000	COMB9	68.3869	1-1	0.00000
1	0.95000	COMB9	64.1999	1-1	0.95000
1	0.95000	COMB9	64.1999	1-1	0.95000
1	1.90000	COMB9	78.4037	1-1	1.90000
1	0.00000	COMB10	59.7642	1-1	0.00000
1	0.95000	COMB10	52.8736	1-1	0.95000
1	0.95000	COMB10	52.8736	1-1	0.95000
1	1.90000	COMB10	64.3737	1-1	1.90000
1	0.00000	COMB11	63.0539	1-1	0.00000
1	0.95000	COMB11	62.8635	1-1	0.95000
1	0.95000	COMB11	62.8635	1-1	0.95000
1	1.90000	COMB11	70.0511	1-1	1.90000
1	0.00000	COMB12	73.3141	1-1	0.00000
1	0.95000	COMB12	38.8903	1-1	0.95000
1	0.95000	COMB12	38.8903	1-1	0.95000
1	1.90000	COMB12	47.2225	1-1	1.90000
1	0.00000	COMB13	33.7336	1-1	0.00000
1	0.95000	COMB13	20.9701	1-1	0.95000
1	0.95000	COMB13	20.9701	1-1	0.95000
1	1.90000	COMB13	22.3534	1-1	1.90000
2	0.00000	COMB1	-95.4890	2-1	0.00000
2	0.44000	COMB1	-34.9500	2-1	0.44000
2	0.88000	COMB1	20.4926	2-1	0.88000
2	1.32000	COMB1	70.8386	2-1	1.32000
2	1.76000	COMB1	111.8632	2-1	1.76000
2	2.20000	COMB1	125.6169	2-1	2.20000
2	2.20000	COMB1	125.6169	2-1	2.20000
2	2.64000	COMB1	110.0748	2-1	2.64000
2	3.08000	COMB1	68.5430	2-1	3.08000
2	3.52000	COMB1	19.1585	2-1	3.52000
2	3.96000	COMB1	-35.3225	2-1	3.96000
2	4.40000	COMB1	-94.9001	2-1	4.40000
2	0.00000	COMB2	-94.8076	2-1	0.00000
2	0.44000	COMB2	-34.2685	2-1	0.44000
2	0.88000	COMB2	21.1740	2-1	0.88000
2	1.32000	COMB2	71.5201	2-1	1.32000
2	1.76000	COMB2	112.5447	2-1	1.76000
2	2.20000	COMB2	126.2984	2-1	2.20000

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
2	2.20000	COMB2	126.2984	2-1	2.20000
2	2.64000	COMB2	110.7563	2-1	2.64000
2	3.08000	COMB2	69.2245	2-1	3.08000
2	3.52000	COMB2	19.8400	2-1	3.52000
2	3.96000	COMB2	-34.6411	2-1	3.96000
2	4.40000	COMB2	-94.2186	2-1	4.40000
2	0.00000	COMB3	-78.0179	2-1	0.00000
2	0.44000	COMB3	-26.9496	2-1	0.44000
2	0.88000	COMB3	19.0221	2-1	0.88000
2	1.32000	COMB3	59.8973	2-1	1.32000
2	1.76000	COMB3	92.5151	2-1	1.76000
2	2.20000	COMB3	103.4467	2-1	2.20000
2	2.20000	COMB3	103.4467	2-1	2.20000
2	2.64000	COMB3	91.1771	2-1	2.64000
2	3.08000	COMB3	58.1798	2-1	3.08000
2	3.52000	COMB3	18.0240	2-1	3.52000
2	3.96000	COMB3	-27.2284	2-1	3.96000
2	4.40000	COMB3	-77.5772	2-1	4.40000
2	0.00000	COMB4	-14.7663	2-1	0.00000
2	0.44000	COMB4	4.7000	2-1	0.44000
2	0.88000	COMB4	19.0698	2-1	0.88000
2	1.32000	COMB4	28.3431	2-1	1.32000
2	1.76000	COMB4	32.5199	2-1	1.76000
2	2.20000	COMB4	31.6002	2-1	2.20000
2	2.20000	COMB4	31.6002	2-1	2.20000
2	2.64000	COMB4	25.5839	2-1	2.64000
2	3.08000	COMB4	14.4711	2-1	3.08000
2	3.52000	COMB4	-1.7382	2-1	3.52000
2	3.96000	COMB4	-23.0440	2-1	3.96000
2	4.40000	COMB4	-49.4463	2-1	4.40000
2	0.00000	COMB5	-14.2831	2-1	0.00000
2	0.44000	COMB5	5.1832	2-1	0.44000
2	0.88000	COMB5	19.5530	2-1	0.88000
2	1.32000	COMB5	28.8263	2-1	1.32000
2	1.76000	COMB5	33.0031	2-1	1.76000
2	2.20000	COMB5	32.0834	2-1	2.20000
2	2.20000	COMB5	32.0834	2-1	2.20000
2	2.64000	COMB5	26.0671	2-1	2.64000
2	3.08000	COMB5	14.9543	2-1	3.08000
2	3.52000	COMB5	-1.2550	2-1	3.52000
2	3.96000	COMB5	-22.5608	2-1	3.96000
2	4.40000	COMB5	-48.9631	2-1	4.40000
2	0.00000	COMB6	-15.2940	2-1	0.00000
2	0.44000	COMB6	-0.0054	2-1	0.44000
2	0.88000	COMB6	11.5079	2-1	0.88000
2	1.32000	COMB6	19.2460	2-1	1.32000
2	1.76000	COMB6	23.2090	2-1	1.76000
2	2.20000	COMB6	23.3967	2-1	2.20000
2	2.20000	COMB6	23.3967	2-1	2.20000
2	2.64000	COMB6	20.5353	2-1	2.64000
2	3.08000	COMB6	13.8986	2-1	3.08000
2	3.52000	COMB6	3.4868	2-1	3.52000
2	3.96000	COMB6	-10.7003	2-1	3.96000
2	4.40000	COMB6	-28.6626	2-1	4.40000
2	0.00000	COMB7	-16.5329	2-1	0.00000
2	0.44000	COMB7	-0.5183	2-1	0.44000
2	0.88000	COMB7	11.7210	2-1	0.88000
2	1.32000	COMB7	20.1851	2-1	1.32000
2	1.76000	COMB7	24.8741	2-1	1.76000
2	2.20000	COMB7	25.7878	2-1	2.20000
2	2.20000	COMB7	25.7878	2-1	2.20000
2	2.64000	COMB7	22.2004	2-1	2.64000
2	3.08000	COMB7	14.8377	2-1	3.08000
2	3.52000	COMB7	3.6999	2-1	3.52000
2	3.96000	COMB7	-11.2132	2-1	3.96000



Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
2	4.40000	COMB7	-29.9015	2-1	4.40000
2	0.00000	COMB8	-5.1175	2-1	0.00000
2	0.44000	COMB8	8.3281	2-1	0.44000
2	0.88000	COMB8	17.9986	2-1	0.88000
2	1.32000	COMB8	23.8938	2-1	1.32000
2	1.76000	COMB8	26.0139	2-1	1.76000
2	2.20000	COMB8	24.3587	2-1	2.20000
2	2.20000	COMB8	24.3587	2-1	2.20000
2	2.64000	COMB8	18.2024	2-1	2.64000
2	3.08000	COMB8	8.2709	2-1	3.08000
2	3.52000	COMB8	-5.4359	2-1	3.52000
2	3.96000	COMB8	-22.9178	2-1	3.96000
2	4.40000	COMB8	-44.1750	2-1	4.40000
2	0.00000	COMB9	-78.4037	2-1	0.00000
2	0.44000	COMB9	-29.3816	2-1	0.44000
2	0.88000	COMB9	15.8652	2-1	0.88000
2	1.32000	COMB9	57.3369	2-1	1.32000
2	1.76000	COMB9	91.4344	2-1	1.76000
2	2.20000	COMB9	102.8674	2-1	2.20000
2	2.20000	COMB9	102.8674	2-1	2.20000
2	2.64000	COMB9	89.9109	2-1	2.64000
2	3.08000	COMB9	55.3814	2-1	3.08000
2	3.52000	COMB9	14.7288	2-1	3.52000
2	3.96000	COMB9	-29.6990	2-1	3.96000
2	4.40000	COMB9	-77.9020	2-1	4.40000
2	0.00000	COMB10	-64.3737	2-1	0.00000
2	0.44000	COMB10	-23.4297	2-1	0.44000
2	0.88000	COMB10	13.7391	2-1	0.88000
2	1.32000	COMB10	47.1327	2-1	1.32000
2	1.76000	COMB10	74.0597	2-1	1.76000
2	2.20000	COMB10	83.0856	2-1	2.20000
2	2.20000	COMB10	83.0856	2-1	2.20000
2	2.64000	COMB10	72.9204	2-1	2.64000
2	3.08000	COMB10	45.6703	2-1	3.08000
2	3.52000	COMB10	12.8893	2-1	3.52000
2	3.96000	COMB10	-23.6670	2-1	3.96000
2	4.40000	COMB10	-63.9985	2-1	4.40000
2	0.00000	COMB11	-70.0511	2-1	0.00000
2	0.44000	COMB11	-25.2074	2-1	0.44000
2	0.88000	COMB11	15.8612	2-1	0.88000
2	1.32000	COMB11	53.1545	2-1	1.32000
2	1.76000	COMB11	83.5431	2-1	1.76000
2	2.20000	COMB11	93.7311	2-1	2.20000
2	2.20000	COMB11	93.7311	2-1	2.20000
2	2.64000	COMB11	82.2184	2-1	2.64000
2	3.08000	COMB11	51.4541	2-1	3.08000
2	3.52000	COMB11	14.8730	2-1	3.52000
2	3.96000	COMB11	-25.4834	2-1	3.96000
2	4.40000	COMB11	-69.6149	2-1	4.40000
2	0.00000	COMB12	-47.2225	2-1	0.00000
2	0.44000	COMB12	-11.9114	2-1	0.44000
2	0.88000	COMB12	19.6244	2-1	0.88000
2	1.32000	COMB12	47.3850	2-1	1.32000
2	1.76000	COMB12	69.0233	2-1	1.76000
2	2.20000	COMB12	74.5672	2-1	2.20000
2	2.20000	COMB12	74.5672	2-1	2.20000
2	2.64000	COMB12	62.8919	2-1	2.64000
2	3.08000	COMB12	35.8341	2-1	3.08000
2	3.52000	COMB12	3.4699	2-1	3.52000
2	3.96000	COMB12	-32.6695	2-1	3.96000
2	4.40000	COMB12	-72.5841	2-1	4.40000
2	0.00000	COMB13	-22.3534	2-1	0.00000
2	0.44000	COMB13	-5.3650	2-1	0.44000
2	0.88000	COMB13	7.8482	2-1	0.88000
2	1.32000	COMB13	17.2862	2-1	1.32000

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
2	1.76000	COMB13	22.9490	2-1	1.76000
2	2.20000	COMB13	24.8366	2-1	2.20000
2	2.20000	COMB13	24.8366	2-1	2.20000
2	2.64000	COMB13	22.9490	2-1	2.64000
2	3.08000	COMB13	17.2862	2-1	3.08000
2	3.52000	COMB13	7.8482	2-1	3.52000
2	3.96000	COMB13	-5.3650	2-1	3.96000
2	4.40000	COMB13	-22.3534	2-1	4.40000
3	0.00000	COMB1	-94.9001	3-1	0.00000
3	0.95000	COMB1	-80.4467	3-1	0.95000
3	0.95000	COMB1	-80.4467	3-1	0.95000
3	1.90000	COMB1	-85.0913	3-1	1.90000
3	0.00000	COMB2	-94.2186	3-1	0.00000
3	0.95000	COMB2	-83.2838	3-1	0.95000
3	0.95000	COMB2	-83.2838	3-1	0.95000
3	1.90000	COMB2	-84.6783	3-1	1.90000
3	0.00000	COMB3	-77.5772	3-1	0.00000
3	0.95000	COMB3	-71.5716	3-1	0.95000
3	0.95000	COMB3	-71.5716	3-1	0.95000
3	1.90000	COMB3	-74.5108	3-1	1.90000
3	0.00000	COMB4	-49.4463	3-1	0.00000
3	0.95000	COMB4	-28.3262	3-1	0.95000
3	0.95000	COMB4	-28.3262	3-1	0.95000
3	1.90000	COMB4	-26.3041	3-1	1.90000
3	0.00000	COMB5	-48.9631	3-1	0.00000
3	0.95000	COMB5	-30.2919	3-1	0.95000
3	0.95000	COMB5	-30.2919	3-1	0.95000
3	1.90000	COMB5	-25.7674	3-1	1.90000
3	0.00000	COMB6	-28.6626	3-1	0.00000
3	0.95000	COMB6	-21.6253	3-1	0.95000
3	0.95000	COMB6	-21.6253	3-1	0.95000
3	1.90000	COMB6	-26.0272	3-1	1.90000
3	0.00000	COMB7	-29.9015	3-1	0.00000
3	0.95000	COMB7	-23.0255	3-1	0.95000
3	0.95000	COMB7	-23.0255	3-1	0.95000
3	1.90000	COMB7	-27.5888	3-1	1.90000
3	0.00000	COMB8	-44.1750	3-1	0.00000
3	0.95000	COMB8	-23.0378	3-1	0.95000
3	0.95000	COMB8	-23.0378	3-1	0.95000
3	1.90000	COMB8	-13.3397	3-1	1.90000
3	0.00000	COMB9	-77.9020	3-1	0.00000
3	0.95000	COMB9	-63.6982	3-1	0.95000
3	0.95000	COMB9	-63.6982	3-1	0.95000
3	1.90000	COMB9	-67.8852	3-1	1.90000
3	0.00000	COMB10	-63.9985	3-1	0.00000
3	0.95000	COMB10	-52.4984	3-1	0.95000
3	0.95000	COMB10	-52.4984	3-1	0.95000
3	1.90000	COMB10	-59.3890	3-1	1.90000
3	0.00000	COMB11	-69.6149	3-1	0.00000
3	0.95000	COMB11	-62.4273	3-1	0.95000
3	0.95000	COMB11	-62.4273	3-1	0.95000
3	1.90000	COMB11	-62.6176	3-1	1.90000
3	0.00000	COMB12	-72.5841	3-1	0.00000
3	0.95000	COMB12	-49.9474	3-1	0.95000
3	0.95000	COMB12	-49.9474	3-1	0.95000
3	1.90000	COMB12	-41.4573	3-1	1.90000
3	0.00000	COMB13	-22.3534	3-1	0.00000
3	0.95000	COMB13	-20.9701	3-1	0.95000
3	0.95000	COMB13	-20.9701	3-1	0.95000
3	1.90000	COMB13	-33.7336	3-1	1.90000
22	0.00000	COMB1	85.0913	22-1	0.00000
22	0.16250	COMB1	60.0789	22-1	0.16250
22	0.16250	COMB1	60.0789	22-1	0.16250
22	0.32500	COMB1	34.7100	22-1	0.32500
22	0.00000	COMB2	84.6783	22-1	0.00000

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
22	0.16250	COMB2	59.8046	22-1	0.16250
22	0.16250	COMB2	59.8046	22-1	0.16250
22	0.32500	COMB2	34.1783	22-1	0.32500
22	0.00000	COMB3	74.5108	22-1	0.00000
22	0.16250	COMB3	52.8648	22-1	0.16250
22	0.16250	COMB3	52.8648	22-1	0.16250
22	0.32500	COMB3	30.2682	22-1	0.32500
22	0.00000	COMB4	26.3041	22-1	0.00000
22	0.16250	COMB4	13.1267	22-1	0.16250
22	0.16250	COMB4	13.1267	22-1	0.16250
22	0.32500	COMB4	-0.4071	22-1	0.32500
22	0.00000	COMB5	25.7674	22-1	0.00000
22	0.16250	COMB5	12.5926	22-1	0.16250
22	0.16250	COMB5	12.5926	22-1	0.16250
22	0.32500	COMB5	-0.9388	22-1	0.32500
22	0.00000	COMB6	26.0272	22-1	0.00000
22	0.16250	COMB6	16.7272	22-1	0.16250
22	0.16250	COMB6	16.7272	22-1	0.16250
22	0.32500	COMB6	7.1785	22-1	0.32500
22	0.00000	COMB7	27.5888	22-1	0.00000
22	0.16250	COMB7	17.8412	22-1	0.16250
22	0.16250	COMB7	17.8412	22-1	0.16250
22	0.32500	COMB7	7.8143	22-1	0.32500
22	0.00000	COMB8	13.3397	22-1	0.00000
22	0.16250	COMB8	3.0695	22-1	0.16250
22	0.16250	COMB8	3.0695	22-1	0.16250
22	0.32500	COMB8	-7.4802	22-1	0.32500
22	0.00000	COMB9	67.8852	22-1	0.00000
22	0.16250	COMB9	47.9619	22-1	0.16250
22	0.16250	COMB9	47.9619	22-1	0.16250
22	0.32500	COMB9	27.7746	22-1	0.32500
22	0.00000	COMB10	59.3890	22-1	0.00000
22	0.16250	COMB10	42.1597	22-1	0.16250
22	0.16250	COMB10	42.1597	22-1	0.16250
22	0.32500	COMB10	24.6663	22-1	0.32500
22	0.00000	COMB11	62.6176	22-1	0.00000
22	0.16250	COMB11	44.2286	22-1	0.16250
22	0.16250	COMB11	44.2286	22-1	0.16250
22	0.32500	COMB11	25.1794	22-1	0.32500
22	0.00000	COMB12	41.4573	22-1	0.00000
22	0.16250	COMB12	24.7293	22-1	0.16250
22	0.16250	COMB12	24.7293	22-1	0.16250
22	0.32500	COMB12	7.7372	22-1	0.32500
22	0.00000	COMB13	33.7336	22-1	0.00000
22	0.16250	COMB13	24.4952	22-1	0.16250
22	0.16250	COMB13	24.4952	22-1	0.16250
22	0.32500	COMB13	14.9928	22-1	0.32500
23	0.00000	COMB1	34.7100	23-1	0.00000
23	0.12500	COMB1	18.2216	23-1	0.12500
23	0.12500	COMB1	18.2216	23-1	0.12500
23	0.25000	COMB1	1.5222	23-1	0.25000
23	0.00000	COMB2	34.1783	23-1	0.00000
23	0.12500	COMB2	17.7232	23-1	0.12500
23	0.12500	COMB2	17.7232	23-1	0.12500
23	0.25000	COMB2	0.8227	23-1	0.25000
23	0.00000	COMB3	30.2682	23-1	0.00000
23	0.12500	COMB3	15.9041	23-1	0.12500
23	0.12500	COMB3	15.9041	23-1	0.12500
23	0.25000	COMB3	0.9775	23-1	0.25000
23	0.00000	COMB4	-0.4071	23-1	0.00000
23	0.12500	COMB4	-8.4928	23-1	0.12500
23	0.12500	COMB4	-8.4928	23-1	0.12500
23	0.25000	COMB4	-16.7894	23-1	0.25000
23	0.00000	COMB5	-0.9388	23-1	0.00000
23	0.12500	COMB5	-9.0203	23-1	0.12500

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
23	0.12500	COMB5	-9.0203	23-1	0.12500
23	0.25000	COMB5	-17.3128	23-1	0.25000
23	0.00000	COMB6	7.1785	23-1	0.00000
23	0.12500	COMB6	1.2486	23-1	0.12500
23	0.12500	COMB6	1.2486	23-1	0.12500
23	0.25000	COMB6	-4.8259	23-1	0.25000
23	0.00000	COMB7	7.8143	23-1	0.00000
23	0.12500	COMB7	1.5929	23-1	0.12500
23	0.12500	COMB7	1.5929	23-1	0.12500
23	0.25000	COMB7	-4.7965	23-1	0.25000
23	0.00000	COMB8	-7.4802	23-1	0.00000
23	0.12500	COMB8	-13.5785	23-1	0.12500
23	0.12500	COMB8	-13.5785	23-1	0.12500
23	0.25000	COMB8	-19.8448	23-1	0.25000
23	0.00000	COMB9	27.7746	23-1	0.00000
23	0.12500	COMB9	14.6422	23-1	0.12500
23	0.12500	COMB9	14.6422	23-1	0.12500
23	0.25000	COMB9	1.3535	23-1	0.25000
23	0.00000	COMB10	24.6663	23-1	0.00000
23	0.12500	COMB10	13.3032	23-1	0.12500
23	0.12500	COMB10	13.3032	23-1	0.12500
23	0.25000	COMB10	1.7839	23-1	0.25000
23	0.00000	COMB11	25.1794	23-1	0.00000
23	0.12500	COMB11	12.9990	23-1	0.12500
23	0.12500	COMB11	12.9990	23-1	0.12500
23	0.25000	COMB11	0.4280	23-1	0.25000
23	0.00000	COMB12	7.7372	23-1	0.00000
23	0.12500	COMB12	-2.8282	23-1	0.12500
23	0.12500	COMB12	-2.8282	23-1	0.12500
23	0.25000	COMB12	-13.5497	23-1	0.25000
23	0.00000	COMB13	14.9928	23-1	0.00000
23	0.12500	COMB13	8.8804	23-1	0.12500
23	0.12500	COMB13	8.8804	23-1	0.12500
23	0.25000	COMB13	2.6117	23-1	0.25000
24	0.00000	COMB1	1.5222	24-1	0.00000
24	0.12500	COMB1	-12.3289	24-1	0.12500
24	0.12500	COMB1	-12.3289	24-1	0.12500
24	0.25000	COMB1	-26.3909	24-1	0.25000
24	0.00000	COMB2	0.8227	24-1	0.00000
24	0.12500	COMB2	-12.9795	24-1	0.12500
24	0.12500	COMB2	-12.9795	24-1	0.12500
24	0.25000	COMB2	-27.2269	24-1	0.25000
24	0.00000	COMB3	0.9775	24-1	0.00000
24	0.12500	COMB3	-11.0554	24-1	0.12500
24	0.12500	COMB3	-11.0554	24-1	0.12500
24	0.25000	COMB3	-23.6509	24-1	0.25000
24	0.00000	COMB4	-16.7894	24-1	0.00000
24	0.12500	COMB4	-22.9644	24-1	0.12500
24	0.12500	COMB4	-22.9644	24-1	0.12500
24	0.25000	COMB4	-29.3503	24-1	0.25000
24	0.00000	COMB5	-17.3128	24-1	0.00000
24	0.12500	COMB5	-23.4824	24-1	0.12500
24	0.12500	COMB5	-23.4824	24-1	0.12500
24	0.25000	COMB5	-29.8629	24-1	0.25000
24	0.00000	COMB6	-4.8259	24-1	0.00000
24	0.12500	COMB6	-9.5859	24-1	0.12500
24	0.12500	COMB6	-9.5859	24-1	0.12500
24	0.25000	COMB6	-14.4904	24-1	0.25000
24	0.00000	COMB7	-4.7965	24-1	0.00000
24	0.12500	COMB7	-9.7994	24-1	0.12500
24	0.12500	COMB7	-9.7994	24-1	0.12500
24	0.25000	COMB7	-14.9703	24-1	0.25000
24	0.00000	COMB8	-19.8448	24-1	0.00000
24	0.12500	COMB8	-24.2933	24-1	0.12500
24	0.12500	COMB8	-24.2933	24-1	0.12500

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
24	0.25000	COMB8	-28.9097	24-1	0.25000
24	0.00000	COMB9	1.3535	24-1	0.00000
24	0.12500	COMB9	-9.6809	24-1	0.12500
24	0.12500	COMB9	-9.6809	24-1	0.12500
24	0.25000	COMB9	-20.8716	24-1	0.25000
24	0.00000	COMB10	1.7839	24-1	0.00000
24	0.12500	COMB10	-7.7624	24-1	0.12500
24	0.12500	COMB10	-7.7624	24-1	0.12500
24	0.25000	COMB10	-17.4648	24-1	0.25000
24	0.00000	COMB11	0.4280	24-1	0.00000
24	0.12500	COMB11	-9.7831	24-1	0.12500
24	0.12500	COMB11	-9.7831	24-1	0.12500
24	0.25000	COMB11	-20.3848	24-1	0.25000
24	0.00000	COMB12	-13.5497	24-1	0.00000
24	0.12500	COMB12	-21.9724	24-1	0.12500
24	0.12500	COMB12	-21.9724	24-1	0.12500
24	0.25000	COMB12	-30.5514	24-1	0.25000
24	0.00000	COMB13	2.6117	24-1	0.00000
24	0.12500	COMB13	-2.5168	24-1	0.12500
24	0.12500	COMB13	-2.5168	24-1	0.12500
24	0.25000	COMB13	-7.8016	24-1	0.25000
25	0.00000	COMB1	-26.3909	25-1	0.00000
25	0.12500	COMB1	-37.7187	25-1	0.12500
25	0.12500	COMB1	-37.7187	25-1	0.12500
25	0.25000	COMB1	-49.2574	25-1	0.25000
25	0.00000	COMB2	-27.2269	25-1	0.00000
25	0.12500	COMB2	-38.4917	25-1	0.12500
25	0.12500	COMB2	-38.4917	25-1	0.12500
25	0.25000	COMB2	-50.2018	25-1	0.25000
25	0.00000	COMB3	-23.6509	25-1	0.00000
25	0.12500	COMB3	-33.4542	25-1	0.12500
25	0.12500	COMB3	-33.4542	25-1	0.12500
25	0.25000	COMB3	-43.8201	25-1	0.25000
25	0.00000	COMB4	-29.3503	25-1	0.00000
25	0.12500	COMB4	-33.7695	25-1	0.12500
25	0.12500	COMB4	-33.7695	25-1	0.12500
25	0.25000	COMB4	-38.3996	25-1	0.25000
25	0.00000	COMB5	-29.8629	25-1	0.00000
25	0.12500	COMB5	-34.2764	25-1	0.12500
25	0.12500	COMB5	-34.2764	25-1	0.12500
25	0.25000	COMB5	-38.9008	25-1	0.25000
25	0.00000	COMB6	-14.4904	25-1	0.00000
25	0.12500	COMB6	-18.1566	25-1	0.12500
25	0.12500	COMB6	-18.1566	25-1	0.12500
25	0.25000	COMB6	-21.9674	25-1	0.25000
25	0.00000	COMB7	-14.9703	25-1	0.00000
25	0.12500	COMB7	-18.8331	25-1	0.12500
25	0.12500	COMB7	-18.8331	25-1	0.12500
25	0.25000	COMB7	-22.8639	25-1	0.25000
25	0.00000	COMB8	-28.9097	25-1	0.00000
25	0.12500	COMB8	-31.8607	25-1	0.12500
25	0.12500	COMB8	-31.8607	25-1	0.12500
25	0.25000	COMB8	-34.9796	25-1	0.25000
25	0.00000	COMB9	-20.8716	25-1	0.00000
25	0.12500	COMB9	-29.8982	25-1	0.12500
25	0.12500	COMB9	-29.8982	25-1	0.12500
25	0.25000	COMB9	-39.0811	25-1	0.25000
25	0.00000	COMB10	-17.4648	25-1	0.00000
25	0.12500	COMB10	-25.2719	25-1	0.12500
25	0.12500	COMB10	-25.2719	25-1	0.12500
25	0.25000	COMB10	-33.2352	25-1	0.25000
25	0.00000	COMB11	-20.3848	25-1	0.00000
25	0.12500	COMB11	-28.7128	25-1	0.12500
25	0.12500	COMB11	-28.7128	25-1	0.12500
25	0.25000	COMB11	-37.4314	25-1	0.25000

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
25	0.00000	COMB12	-30.5514	25-1	0.00000
25	0.12500	COMB12	-36.9791	25-1	0.12500
25	0.12500	COMB12	-36.9791	25-1	0.12500
25	0.25000	COMB12	-43.5630	25-1	0.25000
25	0.00000	COMB13	-7.8016	25-1	0.00000
25	0.12500	COMB13	-11.9869	25-1	0.12500
25	0.12500	COMB13	-11.9869	25-1	0.12500
25	0.25000	COMB13	-16.3285	25-1	0.25000
26	0.00000	COMB1	-49.2574	26-1	0.00000
26	0.12500	COMB1	-58.1677	26-1	0.12500
26	0.12500	COMB1	-58.1677	26-1	0.12500
26	0.25000	COMB1	-67.2889	26-1	0.25000
26	0.00000	COMB2	-50.2018	26-1	0.00000
26	0.12500	COMB2	-59.0365	26-1	0.12500
26	0.12500	COMB2	-59.0365	26-1	0.12500
26	0.25000	COMB2	-68.3165	26-1	0.25000
26	0.00000	COMB3	-43.8201	26-1	0.00000
26	0.12500	COMB3	-51.4883	26-1	0.12500
26	0.12500	COMB3	-51.4883	26-1	0.12500
26	0.25000	COMB3	-59.7190	26-1	0.25000
26	0.00000	COMB4	-38.3996	26-1	0.00000
26	0.12500	COMB4	-41.2092	26-1	0.12500
26	0.12500	COMB4	-41.2092	26-1	0.12500
26	0.25000	COMB4	-44.2298	26-1	0.25000
26	0.00000	COMB5	-38.9008	26-1	0.00000
26	0.12500	COMB5	-41.7051	26-1	0.12500
26	0.12500	COMB5	-41.7051	26-1	0.12500
26	0.25000	COMB5	-44.7203	26-1	0.25000
26	0.00000	COMB6	-21.9674	26-1	0.00000
26	0.12500	COMB6	-24.6116	26-1	0.12500
26	0.12500	COMB6	-24.6116	26-1	0.12500
26	0.25000	COMB6	-27.4004	26-1	0.25000
26	0.00000	COMB7	-22.8639	26-1	0.00000
26	0.12500	COMB7	-25.6604	26-1	0.12500
26	0.12500	COMB7	-25.6604	26-1	0.12500
26	0.25000	COMB7	-28.6248	26-1	0.25000
26	0.00000	COMB8	-34.9796	26-1	0.00000
26	0.12500	COMB8	-36.5768	26-1	0.12500
26	0.12500	COMB8	-36.5768	26-1	0.12500
26	0.25000	COMB8	-38.3420	26-1	0.25000
26	0.00000	COMB9	-39.0811	26-1	0.00000
26	0.12500	COMB9	-46.1839	26-1	0.12500
26	0.12500	COMB9	-46.1839	26-1	0.12500
26	0.25000	COMB9	-53.4430	26-1	0.25000
26	0.00000	COMB10	-33.2352	26-1	0.00000
26	0.12500	COMB10	-39.3752	26-1	0.12500
26	0.12500	COMB10	-39.3752	26-1	0.12500
26	0.25000	COMB10	-45.6715	26-1	0.25000
26	0.00000	COMB11	-37.4314	26-1	0.00000
26	0.12500	COMB11	-43.9560	26-1	0.12500
26	0.12500	COMB11	-43.9560	26-1	0.12500
26	0.25000	COMB11	-50.8713	26-1	0.25000
26	0.00000	COMB12	-43.5630	26-1	0.00000
26	0.12500	COMB12	-48.1340	26-1	0.12500
26	0.12500	COMB12	-48.1340	26-1	0.12500
26	0.25000	COMB12	-52.8613	26-1	0.25000
26	0.00000	COMB13	-16.3285	26-1	0.00000
26	0.12500	COMB13	-19.6089	26-1	0.12500
26	0.12500	COMB13	-19.6089	26-1	0.12500
26	0.25000	COMB13	-23.0456	26-1	0.25000
27	0.00000	COMB1	-67.2889	27-1	0.00000
27	0.12500	COMB1	-73.8731	27-1	0.12500
27	0.12500	COMB1	-73.8731	27-1	0.12500
27	0.25000	COMB1	-80.6683	27-1	0.25000
27	0.00000	COMB2	-68.3165	27-1	0.00000

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
27	0.12500	COMB2	-74.8137	27-1	0.12500
27	0.12500	COMB2	-74.8137	27-1	0.12500
27	0.25000	COMB2	-81.7562	27-1	0.25000
27	0.00000	COMB3	-59.7190	27-1	0.00000
27	0.12500	COMB3	-65.3335	27-1	0.12500
27	0.12500	COMB3	-65.3335	27-1	0.12500
27	0.25000	COMB3	-71.5105	27-1	0.25000
27	0.00000	COMB4	-44.2298	27-1	0.00000
27	0.12500	COMB4	-45.5648	27-1	0.12500
27	0.12500	COMB4	-45.5648	27-1	0.12500
27	0.25000	COMB4	-47.1108	27-1	0.25000
27	0.00000	COMB5	-44.7203	27-1	0.00000
27	0.12500	COMB5	-46.0508	27-1	0.12500
27	0.12500	COMB5	-46.0508	27-1	0.12500
27	0.25000	COMB5	-47.5922	27-1	0.25000
27	0.00000	COMB6	-27.4004	27-1	0.00000
27	0.12500	COMB6	-29.0880	27-1	0.12500
27	0.12500	COMB6	-29.0880	27-1	0.12500
27	0.25000	COMB6	-30.9200	27-1	0.25000
27	0.00000	COMB7	-28.6248	27-1	0.00000
27	0.12500	COMB7	-30.4219	27-1	0.12500
27	0.12500	COMB7	-30.4219	27-1	0.12500
27	0.25000	COMB7	-32.3870	27-1	0.25000
27	0.00000	COMB8	-38.3420	27-1	0.00000
27	0.12500	COMB8	-38.7189	27-1	0.12500
27	0.12500	COMB8	-38.7189	27-1	0.12500
27	0.25000	COMB8	-39.2639	27-1	0.25000
27	0.00000	COMB9	-53.4430	27-1	0.00000
27	0.12500	COMB9	-58.6942	27-1	0.12500
27	0.12500	COMB9	-58.6942	27-1	0.12500
27	0.25000	COMB9	-64.1017	27-1	0.25000
27	0.00000	COMB10	-45.6715	27-1	0.00000
27	0.12500	COMB10	-50.2071	27-1	0.12500
27	0.12500	COMB10	-50.2071	27-1	0.12500
27	0.25000	COMB10	-54.8988	27-1	0.25000
27	0.00000	COMB11	-50.8713	27-1	0.00000
27	0.12500	COMB11	-55.6614	27-1	0.12500
27	0.12500	COMB11	-55.6614	27-1	0.12500
27	0.25000	COMB11	-60.8422	27-1	0.25000
27	0.00000	COMB12	-52.8613	27-1	0.00000
27	0.12500	COMB12	-55.7013	27-1	0.12500
27	0.12500	COMB12	-55.7013	27-1	0.12500
27	0.25000	COMB12	-58.6975	27-1	0.25000
27	0.00000	COMB13	-23.0456	27-1	0.00000
27	0.12500	COMB13	-25.4547	27-1	0.12500
27	0.12500	COMB13	-25.4547	27-1	0.12500
27	0.25000	COMB13	-28.0201	27-1	0.25000
28	0.00000	COMB1	-80.6683	28-1	0.00000
28	0.12500	COMB1	-84.9981	28-1	0.12500
28	0.12500	COMB1	-84.9981	28-1	0.12500
28	0.25000	COMB1	-89.5389	28-1	0.25000
28	0.00000	COMB2	-81.7562	28-1	0.00000
28	0.12500	COMB2	-85.9884	28-1	0.12500
28	0.12500	COMB2	-85.9884	28-1	0.12500
28	0.25000	COMB2	-90.6660	28-1	0.25000
28	0.00000	COMB3	-71.5105	28-1	0.00000
28	0.12500	COMB3	-75.1354	28-1	0.12500
28	0.12500	COMB3	-75.1354	28-1	0.12500
28	0.25000	COMB3	-79.3227	28-1	0.25000
28	0.00000	COMB4	-47.1108	28-1	0.00000
28	0.12500	COMB4	-47.0932	28-1	0.12500
28	0.12500	COMB4	-47.0932	28-1	0.12500
28	0.25000	COMB4	-47.2866	28-1	0.25000
28	0.00000	COMB5	-47.5922	28-1	0.00000
28	0.12500	COMB5	-47.5715	28-1	0.12500

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
28	0.12500	COMB5	-47.5715	28-1	0.12500
28	0.25000	COMB5	-47.7616	28-1	0.25000
28	0.00000	COMB6	-30.9200	28-1	0.00000
28	0.12500	COMB6	-31.7083	28-1	0.12500
28	0.12500	COMB6	-31.7083	28-1	0.12500
28	0.25000	COMB6	-32.6410	28-1	0.25000
28	0.00000	COMB7	-32.3870	28-1	0.00000
28	0.12500	COMB7	-33.2436	28-1	0.12500
28	0.12500	COMB7	-33.2436	28-1	0.12500
28	0.25000	COMB7	-34.2681	28-1	0.25000
28	0.00000	COMB8	-39.2639	28-1	0.00000
28	0.12500	COMB8	-38.5429	28-1	0.12500
28	0.12500	COMB8	-38.5429	28-1	0.12500
28	0.25000	COMB8	-37.9900	28-1	0.25000
28	0.00000	COMB9	-64.1017	28-1	0.00000
28	0.12500	COMB9	-67.5582	28-1	0.12500
28	0.12500	COMB9	-67.5582	28-1	0.12500
28	0.25000	COMB9	-71.1709	28-1	0.25000
28	0.00000	COMB10	-54.8988	28-1	0.00000
28	0.12500	COMB10	-57.8789	28-1	0.12500
28	0.12500	COMB10	-57.8789	28-1	0.12500
28	0.25000	COMB10	-61.0152	28-1	0.25000
28	0.00000	COMB11	-60.8422	28-1	0.00000
28	0.12500	COMB11	-63.9519	28-1	0.12500
28	0.12500	COMB11	-63.9519	28-1	0.12500
28	0.25000	COMB11	-67.4522	28-1	0.25000
28	0.00000	COMB12	-58.6975	28-1	0.00000
28	0.12500	COMB12	-59.9167	28-1	0.12500
28	0.12500	COMB12	-59.9167	28-1	0.12500
28	0.25000	COMB12	-61.2920	28-1	0.25000
28	0.00000	COMB13	-28.0201	28-1	0.00000
28	0.12500	COMB13	-29.5845	28-1	0.12500
28	0.12500	COMB13	-29.5845	28-1	0.12500
28	0.25000	COMB13	-31.3052	28-1	0.25000
29	0.00000	COMB1	-89.5389	29-1	0.00000
29	0.12500	COMB1	-91.6626	29-1	0.12500
29	0.12500	COMB1	-91.6626	29-1	0.12500
29	0.25000	COMB1	-93.9973	29-1	0.25000
29	0.00000	COMB2	-90.6660	29-1	0.00000
29	0.12500	COMB2	-92.6821	29-1	0.12500
29	0.12500	COMB2	-92.6821	29-1	0.12500
29	0.25000	COMB2	-95.1436	29-1	0.25000
29	0.00000	COMB3	-79.3227	29-1	0.00000
29	0.12500	COMB3	-81.0013	29-1	0.12500
29	0.12500	COMB3	-81.0013	29-1	0.12500
29	0.25000	COMB3	-83.2424	29-1	0.25000
29	0.00000	COMB4	-47.2866	29-1	0.00000
29	0.12500	COMB4	-46.0249	29-1	0.12500
29	0.12500	COMB4	-46.0249	29-1	0.12500
29	0.25000	COMB4	-44.9741	29-1	0.25000
29	0.00000	COMB5	-47.7616	29-1	0.00000
29	0.12500	COMB5	-46.4982	29-1	0.12500
29	0.12500	COMB5	-46.4982	29-1	0.12500
29	0.25000	COMB5	-45.4457	29-1	0.25000
29	0.00000	COMB6	-32.6410	29-1	0.00000
29	0.12500	COMB6	-32.5782	29-1	0.12500
29	0.12500	COMB6	-32.5782	29-1	0.12500
29	0.25000	COMB6	-32.6598	29-1	0.25000
29	0.00000	COMB7	-34.2681	29-1	0.00000
29	0.12500	COMB7	-34.2333	29-1	0.12500
29	0.12500	COMB7	-34.2333	29-1	0.12500
29	0.25000	COMB7	-34.3665	29-1	0.25000
29	0.00000	COMB8	-37.9900	29-1	0.00000
29	0.12500	COMB8	-36.2822	29-1	0.12500
29	0.12500	COMB8	-36.2822	29-1	0.12500



Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
29	0.25000	COMB8	-34.7424	29-1	0.25000
29	0.00000	COMB9	-71.1709	29-1	0.00000
29	0.12500	COMB9	-72.8707	29-1	0.12500
29	0.12500	COMB9	-72.8707	29-1	0.12500
29	0.25000	COMB9	-74.7267	29-1	0.25000
29	0.00000	COMB10	-61.0152	29-1	0.00000
29	0.12500	COMB10	-62.4729	29-1	0.12500
29	0.12500	COMB10	-62.4729	29-1	0.12500
29	0.25000	COMB10	-64.0868	29-1	0.25000
29	0.00000	COMB11	-67.4522	29-1	0.00000
29	0.12500	COMB11	-68.9178	29-1	0.12500
29	0.12500	COMB11	-68.9178	29-1	0.12500
29	0.25000	COMB11	-70.7740	29-1	0.25000
29	0.00000	COMB12	-61.2920	29-1	0.00000
29	0.12500	COMB12	-60.9835	29-1	0.12500
29	0.12500	COMB12	-60.9835	29-1	0.12500
29	0.25000	COMB12	-60.8311	29-1	0.25000
29	0.00000	COMB13	-31.3052	29-1	0.00000
29	0.12500	COMB13	-32.0436	29-1	0.12500
29	0.12500	COMB13	-32.0436	29-1	0.12500
29	0.25000	COMB13	-32.9382	29-1	0.25000
30	0.00000	COMB1	-93.9973	30-1	0.00000
30	0.12500	COMB1	-93.9372	30-1	0.12500
30	0.12500	COMB1	-93.9372	30-1	0.12500
30	0.25000	COMB1	-94.0882	30-1	0.25000
30	0.00000	COMB2	-95.1436	30-1	0.00000
30	0.12500	COMB2	-94.9664	30-1	0.12500
30	0.12500	COMB2	-94.9664	30-1	0.12500
30	0.25000	COMB2	-95.2346	30-1	0.25000
30	0.00000	COMB3	-83.2424	30-1	0.00000
30	0.12500	COMB3	-82.9952	30-1	0.12500
30	0.12500	COMB3	-82.9952	30-1	0.12500
30	0.25000	COMB3	-83.3105	30-1	0.25000
30	0.00000	COMB4	-44.9741	30-1	0.00000
30	0.12500	COMB4	-42.5628	30-1	0.12500
30	0.12500	COMB4	-42.5628	30-1	0.12500
30	0.25000	COMB4	-40.3625	30-1	0.25000
30	0.00000	COMB5	-45.4457	30-1	0.00000
30	0.12500	COMB5	-43.0344	30-1	0.12500
30	0.12500	COMB5	-43.0344	30-1	0.12500
30	0.25000	COMB5	-40.8341	30-1	0.25000
30	0.00000	COMB6	-32.6598	30-1	0.00000
30	0.12500	COMB6	-31.7849	30-1	0.12500
30	0.12500	COMB6	-31.7849	30-1	0.12500
30	0.25000	COMB6	-31.0544	30-1	0.25000
30	0.00000	COMB7	-34.3665	30-1	0.00000
30	0.12500	COMB7	-33.4798	30-1	0.12500
30	0.12500	COMB7	-33.4798	30-1	0.12500
30	0.25000	COMB7	-32.7611	30-1	0.25000
30	0.00000	COMB8	-34.7424	30-1	0.00000
30	0.12500	COMB8	-32.1477	30-1	0.12500
30	0.12500	COMB8	-32.1477	30-1	0.12500
30	0.25000	COMB8	-29.7210	30-1	0.25000
30	0.00000	COMB9	-74.7267	30-1	0.00000
30	0.12500	COMB9	-74.6873	30-1	0.12500
30	0.12500	COMB9	-74.6873	30-1	0.12500
30	0.25000	COMB9	-74.8042	30-1	0.25000
30	0.00000	COMB10	-64.0868	30-1	0.00000
30	0.12500	COMB10	-64.0376	30-1	0.12500
30	0.12500	COMB10	-64.0376	30-1	0.12500
30	0.25000	COMB10	-64.1447	30-1	0.25000
30	0.00000	COMB11	-70.7740	30-1	0.00000
30	0.12500	COMB11	-70.6123	30-1	0.12500
30	0.12500	COMB11	-70.6123	30-1	0.12500
30	0.25000	COMB11	-70.8413	30-1	0.25000

Table: Element Forces - Frames, Part 2 of 2

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
30	0.00000	COMB12	-60.8311	30-1	0.00000
30	0.12500	COMB12	-59.0703	30-1	0.12500
30	0.12500	COMB12	-59.0703	30-1	0.12500
30	0.25000	COMB12	-57.4656	30-1	0.25000
30	0.00000	COMB13	-32.9382	30-1	0.00000
30	0.12500	COMB13	-32.8601	30-1	0.12500
30	0.12500	COMB13	-32.8601	30-1	0.12500
30	0.25000	COMB13	-32.9382	30-1	0.25000
31	0.00000	COMB1	-94.0882	31-1	0.00000
31	0.12500	COMB1	-91.8396	31-1	0.12500
31	0.12500	COMB1	-91.8396	31-1	0.12500
31	0.25000	COMB1	-89.8020	31-1	0.25000
31	0.00000	COMB2	-95.2346	31-1	0.00000
31	0.12500	COMB2	-92.8592	31-1	0.12500
31	0.12500	COMB2	-92.8592	31-1	0.12500
31	0.25000	COMB2	-90.9291	31-1	0.25000
31	0.00000	COMB3	-83.3105	31-1	0.00000
31	0.12500	COMB3	-81.1338	31-1	0.12500
31	0.12500	COMB3	-81.1338	31-1	0.12500
31	0.25000	COMB3	-79.5196	31-1	0.25000
31	0.00000	COMB4	-40.3625	31-1	0.00000
31	0.12500	COMB4	-36.8833	31-1	0.12500
31	0.12500	COMB4	-36.8833	31-1	0.12500
31	0.25000	COMB4	-33.6151	31-1	0.25000
31	0.00000	COMB5	-40.8341	31-1	0.00000
31	0.12500	COMB5	-37.3566	31-1	0.12500
31	0.12500	COMB5	-37.3566	31-1	0.12500
31	0.25000	COMB5	-34.0901	31-1	0.25000
31	0.00000	COMB6	-31.0544	31-1	0.00000
31	0.12500	COMB6	-29.3967	31-1	0.12500
31	0.12500	COMB6	-29.3967	31-1	0.12500
31	0.25000	COMB6	-27.8835	31-1	0.25000
31	0.00000	COMB7	-32.7611	31-1	0.00000
31	0.12500	COMB7	-31.0519	31-1	0.12500
31	0.12500	COMB7	-31.0519	31-1	0.12500
31	0.25000	COMB7	-29.5106	31-1	0.25000
31	0.00000	COMB8	-29.7210	31-1	0.00000
31	0.12500	COMB8	-26.3293	31-1	0.12500
31	0.12500	COMB8	-26.3293	31-1	0.12500
31	0.25000	COMB8	-23.1055	31-1	0.25000
31	0.00000	COMB9	-74.8042	31-1	0.00000
31	0.12500	COMB9	-73.0215	31-1	0.12500
31	0.12500	COMB9	-73.0215	31-1	0.12500
31	0.25000	COMB9	-71.3951	31-1	0.25000
31	0.00000	COMB10	-64.1447	31-1	0.00000
31	0.12500	COMB10	-62.5856	31-1	0.12500
31	0.12500	COMB10	-62.5856	31-1	0.12500
31	0.25000	COMB10	-61.1828	31-1	0.25000
31	0.00000	COMB11	-70.8413	31-1	0.00000
31	0.12500	COMB11	-69.0489	31-1	0.12500
31	0.12500	COMB11	-69.0489	31-1	0.12500
31	0.25000	COMB11	-67.6471	31-1	0.25000
31	0.00000	COMB12	-57.4656	31-1	0.00000
31	0.12500	COMB12	-54.3103	31-1	0.12500
31	0.12500	COMB12	-54.3103	31-1	0.12500
31	0.25000	COMB12	-51.3112	31-1	0.25000
31	0.00000	COMB13	-32.9382	31-1	0.00000
31	0.12500	COMB13	-32.0436	31-1	0.12500
31	0.12500	COMB13	-32.0436	31-1	0.12500
31	0.25000	COMB13	-31.3052	31-1	0.25000
32	0.00000	COMB1	-89.8020	32-1	0.00000
32	0.12500	COMB1	-85.3329	32-1	0.12500
32	0.12500	COMB1	-85.3329	32-1	0.12500
32	0.25000	COMB1	-81.0747	32-1	0.25000
32	0.00000	COMB2	-90.9291	32-1	0.00000

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
32	0.12500	COMB2	-86.3232	32-1	0.12500
32	0.12500	COMB2	-86.3232	32-1	0.12500
32	0.25000	COMB2	-82.1626	32-1	0.25000
32	0.00000	COMB3	-79.5196	32-1	0.00000
32	0.12500	COMB3	-75.3859	32-1	0.12500
32	0.12500	COMB3	-75.3859	32-1	0.12500
32	0.25000	COMB3	-71.8146	32-1	0.25000
32	0.00000	COMB4	-33.6151	32-1	0.00000
32	0.12500	COMB4	-29.1381	32-1	0.12500
32	0.12500	COMB4	-29.1381	32-1	0.12500
32	0.25000	COMB4	-24.8719	32-1	0.25000
32	0.00000	COMB5	-34.0901	32-1	0.00000
32	0.12500	COMB5	-29.6163	32-1	0.12500
32	0.12500	COMB5	-29.6163	32-1	0.12500
32	0.25000	COMB5	-25.3534	32-1	0.25000
32	0.00000	COMB6	-27.8835	32-1	0.00000
32	0.12500	COMB6	-25.4636	32-1	0.12500
32	0.12500	COMB6	-25.4636	32-1	0.12500
32	0.25000	COMB6	-23.1881	32-1	0.25000
32	0.00000	COMB7	-29.5106	32-1	0.00000
32	0.12500	COMB7	-26.9989	32-1	0.12500
32	0.12500	COMB7	-26.9989	32-1	0.12500
32	0.25000	COMB7	-24.6551	32-1	0.25000
32	0.00000	COMB8	-23.1055	32-1	0.00000
32	0.12500	COMB8	-18.9981	32-1	0.12500
32	0.12500	COMB8	-18.9981	32-1	0.12500
32	0.25000	COMB8	-15.0587	32-1	0.25000
32	0.00000	COMB9	-71.3951	32-1	0.00000
32	0.12500	COMB9	-67.8434	32-1	0.12500
32	0.12500	COMB9	-67.8434	32-1	0.12500
32	0.25000	COMB9	-64.4480	32-1	0.25000
32	0.00000	COMB10	-61.1828	32-1	0.00000
32	0.12500	COMB10	-58.0921	32-1	0.12500
32	0.12500	COMB10	-58.0921	32-1	0.12500
32	0.25000	COMB10	-55.1577	32-1	0.25000
32	0.00000	COMB11	-67.6471	32-1	0.00000
32	0.12500	COMB11	-64.1999	32-1	0.12500
32	0.12500	COMB11	-64.1999	32-1	0.12500
32	0.25000	COMB11	-61.1433	32-1	0.25000
32	0.00000	COMB12	-51.3112	32-1	0.00000
32	0.12500	COMB12	-46.8025	32-1	0.12500
32	0.12500	COMB12	-46.8025	32-1	0.12500
32	0.25000	COMB12	-42.4501	32-1	0.25000
32	0.00000	COMB13	-31.3052	32-1	0.00000
32	0.12500	COMB13	-29.5845	32-1	0.12500
32	0.12500	COMB13	-29.5845	32-1	0.12500
32	0.25000	COMB13	-28.0201	32-1	0.25000
33	0.00000	COMB1	-81.0747	33-1	0.00000
33	0.12500	COMB1	-74.3271	33-1	0.12500
33	0.12500	COMB1	-74.3271	33-1	0.12500
33	0.25000	COMB1	-67.7903	33-1	0.25000
33	0.00000	COMB2	-82.1626	33-1	0.00000
33	0.12500	COMB2	-75.2676	33-1	0.12500
33	0.12500	COMB2	-75.2676	33-1	0.12500
33	0.25000	COMB2	-68.8180	33-1	0.25000
33	0.00000	COMB3	-71.8146	33-1	0.00000
33	0.12500	COMB3	-65.6731	33-1	0.12500
33	0.12500	COMB3	-65.6731	33-1	0.12500
33	0.25000	COMB3	-60.0942	33-1	0.25000
33	0.00000	COMB4	-24.8719	33-1	0.00000
33	0.12500	COMB4	-19.4572	33-1	0.12500
33	0.12500	COMB4	-19.4572	33-1	0.12500
33	0.25000	COMB4	-14.2534	33-1	0.25000
33	0.00000	COMB5	-25.3534	33-1	0.00000
33	0.12500	COMB5	-19.9431	33-1	0.12500

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
33	0.12500	COMB5	-19.9431	33-1	0.12500
33	0.25000	COMB5	-14.7438	33-1	0.25000
33	0.00000	COMB6	-23.1881	33-1	0.00000
33	0.12500	COMB6	-20.0182	33-1	0.12500
33	0.12500	COMB6	-20.0182	33-1	0.12500
33	0.25000	COMB6	-16.9928	33-1	0.25000
33	0.00000	COMB7	-24.6551	33-1	0.00000
33	0.12500	COMB7	-21.3522	33-1	0.12500
33	0.12500	COMB7	-21.3522	33-1	0.12500
33	0.25000	COMB7	-18.2172	33-1	0.25000
33	0.00000	COMB8	-15.0587	33-1	0.00000
33	0.12500	COMB8	-10.3102	33-1	0.12500
33	0.12500	COMB8	-10.3102	33-1	0.12500
33	0.25000	COMB8	-5.7296	33-1	0.25000
33	0.00000	COMB9	-64.4480	33-1	0.00000
33	0.12500	COMB9	-59.0809	33-1	0.12500
33	0.12500	COMB9	-59.0809	33-1	0.12500
33	0.25000	COMB9	-53.8701	33-1	0.25000
33	0.00000	COMB10	-55.1577	33-1	0.00000
33	0.12500	COMB10	-50.4962	33-1	0.12500
33	0.12500	COMB10	-50.4962	33-1	0.12500
33	0.25000	COMB10	-45.9910	33-1	0.25000
33	0.00000	COMB11	-61.1433	33-1	0.00000
33	0.12500	COMB11	-55.9977	33-1	0.12500
33	0.12500	COMB11	-55.9977	33-1	0.12500
33	0.25000	COMB11	-51.2427	33-1	0.25000
33	0.00000	COMB12	-42.4501	33-1	0.00000
33	0.12500	COMB12	-36.6145	33-1	0.12500
33	0.12500	COMB12	-36.6145	33-1	0.12500
33	0.25000	COMB12	-30.9351	33-1	0.25000
33	0.00000	COMB13	-28.0201	33-1	0.00000
33	0.12500	COMB13	-25.4547	33-1	0.12500
33	0.12500	COMB13	-25.4547	33-1	0.12500
33	0.25000	COMB13	-23.0456	33-1	0.25000
34	0.00000	COMB1	-67.7903	34-1	0.00000
34	0.12500	COMB1	-58.6826	34-1	0.12500
34	0.12500	COMB1	-58.6826	34-1	0.12500
34	0.25000	COMB1	-49.7857	34-1	0.25000
34	0.00000	COMB2	-68.8180	34-1	0.00000
34	0.12500	COMB2	-59.5514	34-1	0.12500
34	0.12500	COMB2	-59.5514	34-1	0.12500
34	0.25000	COMB2	-50.7301	34-1	0.25000
34	0.00000	COMB3	-60.0942	34-1	0.00000
34	0.12500	COMB3	-51.8735	34-1	0.12500
34	0.12500	COMB3	-51.8735	34-1	0.12500
34	0.25000	COMB3	-44.2154	34-1	0.25000
34	0.00000	COMB4	-14.2534	34-1	0.00000
34	0.12500	COMB4	-7.9538	34-1	0.12500
34	0.12500	COMB4	-7.9538	34-1	0.12500
34	0.25000	COMB4	-1.8653	34-1	0.25000
34	0.00000	COMB5	-14.7438	34-1	0.00000
34	0.12500	COMB5	-8.4497	34-1	0.12500
34	0.12500	COMB5	-8.4497	34-1	0.12500
34	0.25000	COMB5	-2.3665	34-1	0.25000
34	0.00000	COMB6	-16.9928	34-1	0.00000
34	0.12500	COMB6	-13.0786	34-1	0.12500
34	0.12500	COMB6	-13.0786	34-1	0.12500
34	0.25000	COMB6	-9.3090	34-1	0.25000
34	0.00000	COMB7	-18.2172	34-1	0.00000
34	0.12500	COMB7	-14.1274	34-1	0.12500
34	0.12500	COMB7	-14.1274	34-1	0.12500
34	0.25000	COMB7	-10.2055	34-1	0.25000
34	0.00000	COMB8	-5.7296	34-1	0.00000
34	0.12500	COMB8	-0.4102	34-1	0.12500
34	0.12500	COMB8	-0.4102	34-1	0.12500

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
34	0.25000	COMB8	4.7413	34-1	0.25000
34	0.00000	COMB9	-53.8701	34-1	0.00000
34	0.12500	COMB9	-46.6225	34-1	0.12500
34	0.12500	COMB9	-46.6225	34-1	0.12500
34	0.25000	COMB9	-39.5312	34-1	0.25000
34	0.00000	COMB10	-45.9910	34-1	0.00000
34	0.12500	COMB10	-39.7032	34-1	0.12500
34	0.12500	COMB10	-39.7032	34-1	0.12500
34	0.25000	COMB10	-33.5717	34-1	0.25000
34	0.00000	COMB11	-51.2427	34-1	0.00000
34	0.12500	COMB11	-44.3374	34-1	0.12500
34	0.12500	COMB11	-44.3374	34-1	0.12500
34	0.25000	COMB11	-37.8227	34-1	0.25000
34	0.00000	COMB12	-30.9351	34-1	0.00000
34	0.12500	COMB12	-23.7865	34-1	0.12500
34	0.12500	COMB12	-23.7865	34-1	0.12500
34	0.25000	COMB12	-16.7940	34-1	0.25000
34	0.00000	COMB13	-23.0456	34-1	0.00000
34	0.12500	COMB13	-19.6089	34-1	0.12500
34	0.12500	COMB13	-19.6089	34-1	0.12500
34	0.25000	COMB13	-16.3285	34-1	0.25000
35	0.00000	COMB1	-49.7857	35-1	0.00000
35	0.12500	COMB1	-38.2165	35-1	0.12500
35	0.12500	COMB1	-38.2165	35-1	0.12500
35	0.25000	COMB1	-26.8582	35-1	0.25000
35	0.00000	COMB2	-50.7301	35-1	0.00000
35	0.12500	COMB2	-38.9895	35-1	0.12500
35	0.12500	COMB2	-38.9895	35-1	0.12500
35	0.25000	COMB2	-27.6942	35-1	0.25000
35	0.00000	COMB3	-44.2154	35-1	0.00000
35	0.12500	COMB3	-33.8267	35-1	0.12500
35	0.12500	COMB3	-33.8267	35-1	0.12500
35	0.25000	COMB3	-24.0004	35-1	0.25000
35	0.00000	COMB4	-1.8653	35-1	0.00000
35	0.12500	COMB4	5.2704	35-1	0.12500
35	0.12500	COMB4	5.2704	35-1	0.12500
35	0.25000	COMB4	12.1950	35-1	0.25000
35	0.00000	COMB5	-2.3665	35-1	0.00000
35	0.12500	COMB5	4.7635	35-1	0.12500
35	0.12500	COMB5	4.7635	35-1	0.12500
35	0.25000	COMB5	11.6824	35-1	0.25000
35	0.00000	COMB6	-9.3090	35-1	0.00000
35	0.12500	COMB6	-4.6511	35-1	0.12500
35	0.12500	COMB6	-4.6511	35-1	0.12500
35	0.25000	COMB6	-0.1377	35-1	0.25000
35	0.00000	COMB7	-10.2055	35-1	0.00000
35	0.12500	COMB7	-5.3276	35-1	0.12500
35	0.12500	COMB7	-5.3276	35-1	0.12500
35	0.25000	COMB7	-0.6177	35-1	0.25000
35	0.00000	COMB8	4.7413	35-1	0.00000
35	0.12500	COMB8	10.5633	35-1	0.12500
35	0.12500	COMB8	10.5633	35-1	0.12500
35	0.25000	COMB8	16.2172	35-1	0.25000
35	0.00000	COMB9	-39.5312	35-1	0.00000
35	0.12500	COMB9	-30.3223	35-1	0.12500
35	0.12500	COMB9	-30.3223	35-1	0.12500
35	0.25000	COMB9	-21.2696	35-1	0.25000
35	0.00000	COMB10	-33.5717	35-1	0.00000
35	0.12500	COMB10	-25.5890	35-1	0.12500
35	0.12500	COMB10	-25.5890	35-1	0.12500
35	0.25000	COMB10	-17.7625	35-1	0.25000
35	0.00000	COMB11	-37.8227	35-1	0.00000
35	0.12500	COMB11	-29.0815	35-1	0.12500
35	0.12500	COMB11	-29.0815	35-1	0.12500
35	0.25000	COMB11	-20.7309	35-1	0.25000

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
35	0.00000	COMB12	-16.7940	35-1	0.00000
35	0.12500	COMB12	-8.3372	35-1	0.12500
35	0.12500	COMB12	-8.3372	35-1	0.12500
35	0.25000	COMB12	-0.0367	35-1	0.25000
35	0.00000	COMB13	-16.3285	35-1	0.00000
35	0.12500	COMB13	-11.9869	35-1	0.12500
35	0.12500	COMB13	-11.9869	35-1	0.12500
35	0.25000	COMB13	-7.8016	35-1	0.25000
36	0.00000	COMB1	-26.8582	36-1	0.00000
36	0.12500	COMB1	-12.7114	36-1	0.12500
36	0.12500	COMB1	-12.7114	36-1	0.12500
36	0.25000	COMB1	1.2244	36-1	0.25000
36	0.00000	COMB2	-27.6942	36-1	0.00000
36	0.12500	COMB2	-13.3620	36-1	0.12500
36	0.12500	COMB2	-13.3620	36-1	0.12500
36	0.25000	COMB2	0.5249	36-1	0.25000
36	0.00000	COMB3	-24.0004	36-1	0.00000
36	0.12500	COMB3	-11.3416	36-1	0.12500
36	0.12500	COMB3	-11.3416	36-1	0.12500
36	0.25000	COMB3	0.7547	36-1	0.25000
36	0.00000	COMB4	12.1950	36-1	0.00000
36	0.12500	COMB4	20.1188	36-1	0.12500
36	0.12500	COMB4	20.1188	36-1	0.12500
36	0.25000	COMB4	27.8316	36-1	0.25000
36	0.00000	COMB5	11.6824	36-1	0.00000
36	0.12500	COMB5	19.6008	36-1	0.12500
36	0.12500	COMB5	19.6008	36-1	0.12500
36	0.25000	COMB5	27.3083	36-1	0.25000
36	0.00000	COMB6	-0.1377	36-1	0.00000
36	0.12500	COMB6	5.2660	36-1	0.12500
36	0.12500	COMB6	5.2660	36-1	0.12500
36	0.25000	COMB6	10.5253	36-1	0.25000
36	0.00000	COMB7	-0.6177	36-1	0.00000
36	0.12500	COMB7	5.0525	36-1	0.12500
36	0.12500	COMB7	5.0525	36-1	0.12500
36	0.25000	COMB7	10.5546	36-1	0.25000
36	0.00000	COMB8	16.2172	36-1	0.00000
36	0.12500	COMB8	22.4721	36-1	0.12500
36	0.12500	COMB8	22.4721	36-1	0.12500
36	0.25000	COMB8	28.5589	36-1	0.25000
36	0.00000	COMB9	-21.2696	36-1	0.00000
36	0.12500	COMB9	-10.0068	36-1	0.12500
36	0.12500	COMB9	-10.0068	36-1	0.12500
36	0.25000	COMB9	1.0998	36-1	0.25000
36	0.00000	COMB10	-17.7625	36-1	0.00000
36	0.12500	COMB10	-8.0060	36-1	0.12500
36	0.12500	COMB10	-8.0060	36-1	0.12500
36	0.25000	COMB10	1.5942	36-1	0.25000
36	0.00000	COMB11	-20.7309	36-1	0.00000
36	0.12500	COMB11	-10.0664	36-1	0.12500
36	0.12500	COMB11	-10.0664	36-1	0.12500
36	0.25000	COMB11	0.2074	36-1	0.25000
36	0.00000	COMB12	-0.0367	36-1	0.00000
36	0.12500	COMB12	9.7285	36-1	0.12500
36	0.12500	COMB12	9.7285	36-1	0.12500
36	0.25000	COMB12	19.3374	36-1	0.25000
36	0.00000	COMB13	-7.8016	36-1	0.00000
36	0.12500	COMB13	-2.5168	36-1	0.12500
36	0.12500	COMB13	-2.5168	36-1	0.12500
36	0.25000	COMB13	2.6117	36-1	0.25000
37	0.00000	COMB1	1.2244	37-1	0.00000
37	0.12500	COMB1	18.0730	37-1	0.12500
37	0.12500	COMB1	18.0730	37-1	0.12500
37	0.25000	COMB1	34.7106	37-1	0.25000
37	0.00000	COMB2	0.5249	37-1	0.00000

Table: Element Forces - Frames, Part 2 of 2

Frame	Station m	OutputCase	M3 KN-m	FrameElem	ElemStation m
37	0.12500	COMB2	17.5745	37-1	0.12500
37	0.12500	COMB2	17.5745	37-1	0.12500
37	0.25000	COMB2	34.1789	37-1	0.25000
37	0.00000	COMB3	0.7547	37-1	0.00000
37	0.12500	COMB3	15.7929	37-1	0.12500
37	0.12500	COMB3	15.7929	37-1	0.12500
37	0.25000	COMB3	30.2687	37-1	0.25000
37	0.00000	COMB4	27.8316	37-1	0.00000
37	0.12500	COMB4	36.4922	37-1	0.12500
37	0.12500	COMB4	36.4922	37-1	0.12500
37	0.25000	COMB4	44.9419	37-1	0.25000
37	0.00000	COMB5	27.3083	37-1	0.00000
37	0.12500	COMB5	35.9647	37-1	0.12500
37	0.12500	COMB5	35.9647	37-1	0.12500
37	0.25000	COMB5	44.4102	37-1	0.25000
37	0.00000	COMB6	10.5253	37-1	0.00000
37	0.12500	COMB6	16.6773	37-1	0.12500
37	0.12500	COMB6	16.6773	37-1	0.12500
37	0.25000	COMB6	22.6848	37-1	0.25000
37	0.00000	COMB7	10.5546	37-1	0.00000
37	0.12500	COMB7	17.0216	37-1	0.12500
37	0.12500	COMB7	17.0216	37-1	0.12500
37	0.25000	COMB7	23.3206	37-1	0.25000
37	0.00000	COMB8	28.5589	37-1	0.00000
37	0.12500	COMB8	35.1725	37-1	0.12500
37	0.12500	COMB8	35.1725	37-1	0.12500
37	0.25000	COMB8	41.6180	37-1	0.25000
37	0.00000	COMB9	1.0998	37-1	0.00000
37	0.12500	COMB9	14.5156	37-1	0.12500
37	0.12500	COMB9	14.5156	37-1	0.12500
37	0.25000	COMB9	27.7751	37-1	0.25000
37	0.00000	COMB10	1.5942	37-1	0.00000
37	0.12500	COMB10	13.2085	37-1	0.12500
37	0.12500	COMB10	13.2085	37-1	0.12500
37	0.25000	COMB10	24.6666	37-1	0.25000
37	0.00000	COMB11	0.2074	37-1	0.00000
37	0.12500	COMB11	12.8890	37-1	0.12500
37	0.12500	COMB11	12.8890	37-1	0.12500
37	0.25000	COMB11	25.1798	37-1	0.25000
37	0.00000	COMB12	19.3374	37-1	0.00000
37	0.12500	COMB12	30.4115	37-1	0.12500
37	0.12500	COMB12	30.4115	37-1	0.12500
37	0.25000	COMB12	41.3293	37-1	0.25000
37	0.00000	COMB13	2.6117	37-1	0.00000
37	0.12500	COMB13	8.8804	37-1	0.12500
37	0.12500	COMB13	8.8804	37-1	0.12500
37	0.25000	COMB13	14.9928	37-1	0.25000
38	0.00000	COMB1	34.7106	38-1	0.00000
38	0.16250	COMB1	60.3737	38-1	0.16250
38	0.16250	COMB1	60.3737	38-1	0.16250
38	0.32500	COMB1	85.6803	38-1	0.32500
38	0.00000	COMB2	34.1789	38-1	0.00000
38	0.16250	COMB2	60.0994	38-1	0.16250
38	0.16250	COMB2	60.0994	38-1	0.16250
38	0.32500	COMB2	85.2673	38-1	0.32500
38	0.00000	COMB3	30.2687	38-1	0.00000
38	0.16250	COMB3	53.0854	38-1	0.16250
38	0.16250	COMB3	53.0854	38-1	0.16250
38	0.32500	COMB3	74.9514	38-1	0.32500
38	0.00000	COMB4	44.9419	38-1	0.00000
38	0.16250	COMB4	57.0837	38-1	0.16250
38	0.16250	COMB4	57.0837	38-1	0.16250
38	0.32500	COMB4	68.8691	38-1	0.32500
38	0.00000	COMB5	44.4102	38-1	0.00000
38	0.16250	COMB5	56.5496	38-1	0.16250

**Table: Element Forces - Frames, Part 2 of 2**

Frame	Station	OutputCase	M3	FrameElem	ElemStation
	m		KN-m		m
38	0.16250	COMB5	56.5496	38-1	0.16250
38	0.32500	COMB5	68.3324	38-1	0.32500
38	0.00000	COMB6	22.6848	38-1	0.00000
38	0.16250	COMB6	31.6652	38-1	0.16250
38	0.16250	COMB6	31.6652	38-1	0.16250
38	0.32500	COMB6	40.3967	38-1	0.32500
38	0.00000	COMB7	23.3206	38-1	0.00000
38	0.16250	COMB7	32.7791	38-1	0.16250
38	0.16250	COMB7	32.7791	38-1	0.16250
38	0.32500	COMB7	41.9583	38-1	0.32500
38	0.00000	COMB8	41.6180	38-1	0.00000
38	0.16250	COMB8	50.5681	38-1	0.16250
38	0.16250	COMB8	50.5681	38-1	0.16250
38	0.32500	COMB8	59.2389	38-1	0.32500
38	0.00000	COMB9	27.7751	38-1	0.00000
38	0.16250	COMB9	48.2130	38-1	0.16250
38	0.16250	COMB9	48.2130	38-1	0.16250
38	0.32500	COMB9	68.3869	38-1	0.32500
38	0.00000	COMB10	24.6666	38-1	0.00000
38	0.16250	COMB10	42.3475	38-1	0.16250
38	0.16250	COMB10	42.3475	38-1	0.16250
38	0.32500	COMB10	59.7642	38-1	0.32500
38	0.00000	COMB11	25.1798	38-1	0.00000
38	0.16250	COMB11	44.4469	38-1	0.16250
38	0.16250	COMB11	44.4469	38-1	0.16250
38	0.32500	COMB11	63.0539	38-1	0.32500
38	0.00000	COMB12	41.3293	38-1	0.00000
38	0.16250	COMB12	57.4538	38-1	0.16250
38	0.16250	COMB12	57.4538	38-1	0.16250
38	0.32500	COMB12	73.3141	38-1	0.32500
38	0.00000	COMB13	14.9928	38-1	0.00000
38	0.16250	COMB13	24.4952	38-1	0.16250
38	0.16250	COMB13	24.4952	38-1	0.16250
38	0.32500	COMB13	33.7336	38-1	0.32500

**Table: Element Joint Forces - Frames, Part 1 of 2**

**Table: Element Joint Forces - Frames, Part 1 of 2**

Frame	Joint	OutputCase	CaseType	F1	F2	F3	M1	M2
				KN	KN	KN	KN-m	KN-m
1	18	COMB1	Combination	-18.799	0.000	169.030	0.0000	-85.6803
1	19	COMB1	Combination	-21.408	0.000	-143.380	0.0000	95.4890
1	18	COMB2	Combination	-9.440	0.000	169.030	0.0000	-85.2673
1	19	COMB2	Combination	-16.516	0.000	-143.380	0.0000	94.8076
1	18	COMB3	Combination	-8.097	0.000	147.506	0.0000	-74.9514
1	19	COMB3	Combination	-10.734	0.000	-121.856	0.0000	78.0179
1	18	COMB4	Combination	-93.092	0.000	75.683	0.0000	-68.8691
1	19	COMB4	Combination	-28.425	0.000	-50.033	0.0000	14.7663
1	18	COMB5	Combination	-86.851	0.000	75.683	0.0000	-68.3324
1	19	COMB5	Combination	-24.242	0.000	-50.033	0.0000	14.2831
1	18	COMB6	Combination	-37.535	0.000	57.322	0.0000	-40.3967
1	19	COMB6	Combination	-5.395	0.000	-39.037	0.0000	15.2940
1	18	COMB7	Combination	-37.705	0.000	60.402	0.0000	-41.9583
1	19	COMB7	Combination	-5.226	0.000	-40.687	0.0000	16.5329
1	18	COMB8	Combination	-82.923	0.000	54.563	0.0000	-59.2389
1	19	COMB8	Combination	-20.237	0.000	-34.848	0.0000	5.1175
1	18	COMB9	Combination	-17.802	0.000	134.704	0.0000	-68.3869
1	19	COMB9	Combination	-20.915	0.000	-115.704	0.0000	78.4037
1	18	COMB10	Combination	-20.648	0.000	116.345	0.0000	-59.7642
1	19	COMB10	Combination	-18.069	0.000	-97.345	0.0000	64.3737
1	18	COMB11	Combination	-4.566	0.000	125.208	0.0000	-63.0539
1	19	COMB11	Combination	-10.966	0.000	-106.208	0.0000	70.0511
1	18	COMB12	Combination	-61.597	0.000	103.542	0.0000	-73.3141
1	19	COMB12	Combination	-28.416	0.000	-84.542	0.0000	47.2225



Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
1	18	COMB13	Combination	-23.739	0.000	61.900	0.0000	-33.7336
1	19	COMB13	Combination	-6.044	0.000	-42.900	0.0000	22.3534
2	19	COMB1	Combination	21.408	0.000	143.380	0.0000	-95.4890
2	37	COMB1	Combination	-21.408	0.000	141.195	0.0000	94.9001
2	19	COMB2	Combination	16.516	0.000	143.380	0.0000	-94.8076
2	37	COMB2	Combination	-16.516	0.000	141.195	0.0000	94.2186
2	19	COMB3	Combination	10.734	0.000	121.856	0.0000	-78.0179
2	37	COMB3	Combination	-10.734	0.000	120.221	0.0000	77.5772
2	19	COMB4	Combination	28.425	0.000	50.033	0.0000	-14.7663
2	37	COMB4	Combination	-28.425	0.000	65.797	0.0000	49.4463
2	19	COMB5	Combination	24.242	0.000	50.033	0.0000	-14.2831
2	37	COMB5	Combination	-24.242	0.000	65.797	0.0000	48.9631
2	19	COMB6	Combination	5.395	0.000	39.037	0.0000	-15.2940
2	37	COMB6	Combination	-11.995	0.000	45.113	0.0000	28.6626
2	19	COMB7	Combination	5.226	0.000	40.687	0.0000	-16.5329
2	37	COMB7	Combination	-11.826	0.000	46.763	0.0000	29.9015
2	19	COMB8	Combination	20.237	0.000	34.848	0.0000	-5.1175
2	37	COMB8	Combination	-26.837	0.000	52.602	0.0000	44.1750
2	19	COMB9	Combination	20.915	0.000	115.704	0.0000	-78.4037
2	37	COMB9	Combination	-20.915	0.000	113.842	0.0000	77.9020
2	19	COMB10	Combination	18.069	0.000	97.345	0.0000	-64.3737
2	37	COMB10	Combination	-18.069	0.000	95.952	0.0000	63.9985
2	19	COMB11	Combination	10.966	0.000	106.208	0.0000	-70.0511
2	37	COMB11	Combination	-10.966	0.000	104.589	0.0000	69.6149
2	19	COMB12	Combination	28.416	0.000	84.542	0.0000	-47.2225
2	37	COMB12	Combination	-28.416	0.000	95.005	0.0000	72.5841
2	19	COMB13	Combination	6.044	0.000	42.900	0.0000	-22.3534
2	37	COMB13	Combination	-6.044	0.000	42.900	0.0000	22.3534
3	37	COMB1	Combination	21.408	0.000	-141.195	0.0000	-94.9001
3	38	COMB1	Combination	18.799	0.000	166.845	0.0000	85.0913
3	37	COMB2	Combination	16.516	0.000	-141.195	0.0000	-94.2186
3	38	COMB2	Combination	9.440	0.000	166.845	0.0000	84.6783
3	37	COMB3	Combination	10.734	0.000	-120.221	0.0000	-77.5772
3	38	COMB3	Combination	8.097	0.000	145.871	0.0000	74.5108
3	37	COMB4	Combination	28.425	0.000	-65.797	0.0000	-49.4463
3	38	COMB4	Combination	11.781	0.000	91.447	0.0000	26.3041
3	37	COMB5	Combination	24.242	0.000	-65.797	0.0000	-48.9631
3	38	COMB5	Combination	5.541	0.000	91.447	0.0000	25.7674
3	37	COMB6	Combination	11.995	0.000	-45.113	0.0000	-28.6626
3	38	COMB6	Combination	14.937	0.000	63.398	0.0000	26.0272
3	37	COMB7	Combination	11.826	0.000	-46.763	0.0000	-29.9015
3	38	COMB7	Combination	15.107	0.000	66.478	0.0000	27.5888
3	37	COMB8	Combination	26.837	0.000	-52.602	0.0000	-44.1750
3	38	COMB8	Combination	0.095	0.000	72.317	0.0000	13.3397
3	37	COMB9	Combination	20.915	0.000	-113.842	0.0000	-77.9020
3	38	COMB9	Combination	17.802	0.000	132.842	0.0000	67.8852
3	37	COMB10	Combination	18.069	0.000	-95.952	0.0000	-63.9985
3	38	COMB10	Combination	20.648	0.000	114.952	0.0000	59.3890
3	37	COMB11	Combination	10.966	0.000	-104.589	0.0000	-69.6149
3	38	COMB11	Combination	4.566	0.000	123.589	0.0000	62.6176
3	37	COMB12	Combination	28.416	0.000	-95.005	0.0000	-72.5841
3	38	COMB12	Combination	1.367	0.000	114.005	0.0000	41.4573
3	37	COMB13	Combination	6.044	0.000	-42.900	0.0000	-22.3534
3	38	COMB13	Combination	23.739	0.000	61.900	0.0000	33.7336
22	38	COMB1	Combination	-18.484	0.000	-152.826	0.0000	-85.0913
22	21	COMB1	Combination	18.484	0.000	157.213	0.0000	34.7100
22	38	COMB2	Combination	-9.282	0.000	-150.753	0.0000	-84.6783
22	21	COMB2	Combination	9.282	0.000	160.016	0.0000	34.1783
22	38	COMB3	Combination	-7.962	0.000	-130.281	0.0000	-74.5108
22	21	COMB3	Combination	7.962	0.000	141.981	0.0000	30.2682
22	38	COMB4	Combination	-51.559	0.000	-79.995	0.0000	-26.3041
22	21	COMB4	Combination	51.559	0.000	84.382	0.0000	-0.4071
22	38	COMB5	Combination	-45.423	0.000	-79.979	0.0000	-25.7674
22	21	COMB5	Combination	45.423	0.000	84.367	0.0000	-0.9388
22	38	COMB6	Combination	-28.984	0.000	-56.418	0.0000	-26.0272

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
22	21	COMB6	Combination	28.609	0.000	59.574	0.0000	7.1785
22	38	COMB7	Combination	-29.151	0.000	-59.173	0.0000	-27.5888
22	21	COMB7	Combination	28.776	0.000	62.517	0.0000	7.8143
22	38	COMB8	Combination	-44.002	0.000	-62.389	0.0000	-13.3397
22	21	COMB8	Combination	43.627	0.000	65.733	0.0000	-7.4802
22	38	COMB9	Combination	-17.504	0.000	-121.792	0.0000	-67.8852
22	21	COMB9	Combination	17.504	0.000	125.042	0.0000	27.7746
22	38	COMB10	Combination	-20.302	0.000	-105.214	0.0000	-59.3890
22	21	COMB10	Combination	20.302	0.000	108.464	0.0000	24.6663
22	38	COMB11	Combination	-4.490	0.000	-111.132	0.0000	-62.6176
22	21	COMB11	Combination	4.490	0.000	119.257	0.0000	25.1794
22	38	COMB12	Combination	-30.955	0.000	-102.129	0.0000	-41.4573
22	21	COMB12	Combination	30.955	0.000	105.379	0.0000	7.7372
22	38	COMB13	Combination	-23.341	0.000	-56.039	0.0000	-33.7336
22	21	COMB13	Combination	23.341	0.000	59.289	0.0000	14.9928
23	21	COMB1	Combination	-18.484	0.000	-131.064	0.0000	-34.7100
23	22	COMB1	Combination	18.484	0.000	134.439	0.0000	1.5222
23	21	COMB2	Combination	-9.282	0.000	-129.860	0.0000	-34.1783
23	22	COMB2	Combination	9.282	0.000	136.985	0.0000	0.8227
23	21	COMB3	Combination	-7.962	0.000	-112.663	0.0000	-30.2682
23	22	COMB3	Combination	7.962	0.000	121.663	0.0000	0.9775
23	21	COMB4	Combination	-51.559	0.000	-63.842	0.0000	0.4071
23	22	COMB4	Combination	51.559	0.000	67.217	0.0000	-16.7894
23	21	COMB5	Combination	-45.423	0.000	-63.808	0.0000	0.9388
23	22	COMB5	Combination	45.423	0.000	67.183	0.0000	-17.3128
23	21	COMB6	Combination	-28.609	0.000	-46.814	0.0000	-7.1785
23	22	COMB6	Combination	28.234	0.000	49.220	0.0000	-4.8259
23	21	COMB7	Combination	-28.776	0.000	-49.146	0.0000	-7.8143
23	22	COMB7	Combination	28.401	0.000	51.740	0.0000	-4.7965
23	21	COMB8	Combination	-43.627	0.000	-48.162	0.0000	7.4802
23	22	COMB8	Combination	43.252	0.000	50.756	0.0000	-19.8448
23	21	COMB9	Combination	-17.504	0.000	-104.434	0.0000	-27.7746
23	22	COMB9	Combination	17.504	0.000	106.934	0.0000	1.3535
23	21	COMB10	Combination	-20.302	0.000	-90.280	0.0000	-24.6663
23	22	COMB10	Combination	20.302	0.000	92.780	0.0000	1.7839
23	21	COMB11	Combination	-4.490	0.000	-95.881	0.0000	-25.1794
23	22	COMB11	Combination	4.490	0.000	102.131	0.0000	0.4280
23	21	COMB12	Combination	-30.955	0.000	-83.898	0.0000	-7.7372
23	22	COMB12	Combination	30.955	0.000	86.398	0.0000	-13.5497
23	21	COMB13	Combination	-23.341	0.000	-48.275	0.0000	-14.9928
23	22	COMB13	Combination	23.341	0.000	50.775	0.0000	2.6117
24	22	COMB1	Combination	-18.484	0.000	-109.965	0.0000	-1.5222
24	23	COMB1	Combination	18.484	0.000	113.340	0.0000	-26.3909
24	22	COMB2	Combination	-9.282	0.000	-108.636	0.0000	-0.8227
24	23	COMB2	Combination	9.282	0.000	115.761	0.0000	-27.2269
24	22	COMB3	Combination	-7.962	0.000	-94.014	0.0000	-0.9775
24	23	COMB3	Combination	7.962	0.000	103.014	0.0000	-23.6509
24	22	COMB4	Combination	-51.559	0.000	-48.556	0.0000	16.7894
24	23	COMB4	Combination	51.559	0.000	51.931	0.0000	-29.3503
24	22	COMB5	Combination	-45.423	0.000	-48.513	0.0000	17.3128
24	23	COMB5	Combination	45.423	0.000	51.888	0.0000	-29.8629
24	22	COMB6	Combination	-28.234	0.000	-37.455	0.0000	4.8259
24	23	COMB6	Combination	27.859	0.000	39.861	0.0000	-14.4904
24	22	COMB7	Combination	-28.401	0.000	-39.398	0.0000	4.7965
24	23	COMB7	Combination	28.026	0.000	41.992	0.0000	-14.9703
24	22	COMB8	Combination	-43.252	0.000	-34.963	0.0000	19.8448
24	23	COMB8	Combination	42.877	0.000	37.557	0.0000	-28.9097
24	22	COMB9	Combination	-17.504	0.000	-87.650	0.0000	-1.3535
24	23	COMB9	Combination	17.504	0.000	90.150	0.0000	-20.8716
24	22	COMB10	Combination	-20.302	0.000	-75.745	0.0000	-1.7839
24	23	COMB10	Combination	20.302	0.000	78.245	0.0000	-17.4648
24	22	COMB11	Combination	-4.490	0.000	-80.127	0.0000	-0.4280
24	23	COMB11	Combination	4.490	0.000	86.377	0.0000	-20.3848
24	22	COMB12	Combination	-30.955	0.000	-66.757	0.0000	13.5497
24	23	COMB12	Combination	30.955	0.000	69.257	0.0000	-30.5514

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
24	22	COMB13	Combination	-23.341	0.000	-40.403	0.0000	-2.6117
24	23	COMB13	Combination	23.341	0.000	42.903	0.0000	-7.8016
25	23	COMB1	Combination	-18.484	0.000	-89.778	0.0000	26.3909
25	24	COMB1	Combination	18.484	0.000	93.153	0.0000	-49.2574
25	23	COMB2	Combination	-9.282	0.000	-88.337	0.0000	27.2269
25	24	COMB2	Combination	9.282	0.000	95.462	0.0000	-50.2018
25	23	COMB3	Combination	-7.962	0.000	-76.177	0.0000	23.6509
25	24	COMB3	Combination	7.962	0.000	85.177	0.0000	-43.8201
25	23	COMB4	Combination	-51.559	0.000	-34.510	0.0000	29.3503
25	24	COMB4	Combination	51.559	0.000	37.885	0.0000	-38.3996
25	23	COMB5	Combination	-45.423	0.000	-34.464	0.0000	29.8629
25	24	COMB5	Combination	45.423	0.000	37.839	0.0000	-38.9008
25	23	COMB6	Combination	-27.859	0.000	-28.705	0.0000	14.4904
25	24	COMB6	Combination	27.484	0.000	31.111	0.0000	-21.9674
25	23	COMB7	Combination	-28.026	0.000	-30.277	0.0000	14.9703
25	24	COMB7	Combination	27.651	0.000	32.871	0.0000	-22.8639
25	23	COMB8	Combination	-42.877	0.000	-22.982	0.0000	28.9097
25	24	COMB8	Combination	42.502	0.000	25.576	0.0000	-34.9796
25	23	COMB9	Combination	-17.504	0.000	-71.588	0.0000	20.8716
25	24	COMB9	Combination	17.504	0.000	74.088	0.0000	-39.0811
25	23	COMB10	Combination	-20.302	0.000	-61.831	0.0000	17.4648
25	24	COMB10	Combination	20.302	0.000	64.331	0.0000	-33.2352
25	23	COMB11	Combination	-4.490	0.000	-65.061	0.0000	20.3848
25	24	COMB11	Combination	4.490	0.000	71.311	0.0000	-37.4314
25	23	COMB12	Combination	-30.955	0.000	-50.796	0.0000	30.5514
25	24	COMB12	Combination	30.955	0.000	53.296	0.0000	-43.5630
25	23	COMB13	Combination	-23.341	0.000	-32.858	0.0000	7.8016
25	24	COMB13	Combination	23.341	0.000	35.358	0.0000	-16.3285
26	24	COMB1	Combination	-18.484	0.000	-70.439	0.0000	49.2574
26	25	COMB1	Combination	18.484	0.000	73.814	0.0000	-67.2889
26	24	COMB2	Combination	-9.282	0.000	-68.896	0.0000	50.2018
26	25	COMB2	Combination	9.282	0.000	76.021	0.0000	-68.3165
26	24	COMB3	Combination	-7.962	0.000	-59.096	0.0000	43.8201
26	25	COMB3	Combination	7.962	0.000	68.096	0.0000	-59.7190
26	24	COMB4	Combination	-51.559	0.000	-21.633	0.0000	38.3996
26	25	COMB4	Combination	51.559	0.000	25.008	0.0000	-44.2298
26	24	COMB5	Combination	-45.423	0.000	-21.590	0.0000	38.9008
26	25	COMB5	Combination	45.423	0.000	24.965	0.0000	-44.7203
26	24	COMB6	Combination	-27.484	0.000	-20.529	0.0000	21.9674
26	25	COMB6	Combination	27.109	0.000	22.935	0.0000	-27.4004
26	24	COMB7	Combination	-27.651	0.000	-21.746	0.0000	22.8639
26	25	COMB7	Combination	27.276	0.000	24.340	0.0000	-28.6248
26	24	COMB8	Combination	-42.502	0.000	-12.152	0.0000	34.9796
26	25	COMB8	Combination	42.127	0.000	14.746	0.0000	-38.3420
26	24	COMB9	Combination	-17.504	0.000	-56.197	0.0000	39.0811
26	25	COMB9	Combination	17.504	0.000	58.697	0.0000	-53.4430
26	24	COMB10	Combination	-20.302	0.000	-48.496	0.0000	33.2352
26	25	COMB10	Combination	20.302	0.000	50.996	0.0000	-45.6715
26	24	COMB11	Combination	-4.490	0.000	-50.635	0.0000	37.4314
26	25	COMB11	Combination	4.490	0.000	56.885	0.0000	-50.8713
26	24	COMB12	Combination	-30.955	0.000	-35.943	0.0000	43.5630
26	25	COMB12	Combination	30.955	0.000	38.443	0.0000	-52.8613
26	24	COMB13	Combination	-23.341	0.000	-25.619	0.0000	16.3285
26	25	COMB13	Combination	23.341	0.000	28.119	0.0000	-23.0456
27	25	COMB1	Combination	-18.484	0.000	-51.830	0.0000	67.2889
27	26	COMB1	Combination	18.484	0.000	55.205	0.0000	-80.6683
27	25	COMB2	Combination	-9.282	0.000	-50.196	0.0000	68.3165
27	26	COMB2	Combination	9.282	0.000	57.321	0.0000	-81.7562
27	25	COMB3	Combination	-7.962	0.000	-42.666	0.0000	59.7190
27	26	COMB3	Combination	7.962	0.000	51.666	0.0000	-71.5105
27	25	COMB4	Combination	-51.559	0.000	-9.836	0.0000	44.2298
27	26	COMB4	Combination	51.559	0.000	13.211	0.0000	-47.1108
27	25	COMB5	Combination	-45.423	0.000	-9.800	0.0000	44.7203
27	26	COMB5	Combination	45.423	0.000	13.175	0.0000	-47.5922
27	25	COMB6	Combination	-27.109	0.000	-12.876	0.0000	27.4004

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
27	26	COMB6	Combination	26.734	0.000	15.282	0.0000	-30.9200
27	25	COMB7	Combination	-27.276	0.000	-13.752	0.0000	28.6248
27	26	COMB7	Combination	26.901	0.000	16.346	0.0000	-32.3870
27	25	COMB8	Combination	-42.127	0.000	-2.391	0.0000	38.3420
27	26	COMB8	Combination	41.752	0.000	4.985	0.0000	-39.2639
27	25	COMB9	Combination	-17.504	0.000	-41.385	0.0000	53.4430
27	26	COMB9	Combination	17.504	0.000	43.885	0.0000	-64.1017
27	25	COMB10	Combination	-20.302	0.000	-35.659	0.0000	45.6715
27	26	COMB10	Combination	20.302	0.000	38.159	0.0000	-54.8988
27	25	COMB11	Combination	-4.490	0.000	-36.759	0.0000	50.8713
27	26	COMB11	Combination	4.490	0.000	43.009	0.0000	-60.8422
27	25	COMB12	Combination	-30.955	0.000	-22.095	0.0000	52.8613
27	26	COMB12	Combination	30.955	0.000	24.595	0.0000	-58.6975
27	25	COMB13	Combination	-23.341	0.000	-18.648	0.0000	23.0456
27	26	COMB13	Combination	23.341	0.000	21.148	0.0000	-28.0201
28	26	COMB1	Combination	-18.484	0.000	-33.795	0.0000	80.6683
28	27	COMB1	Combination	18.484	0.000	37.170	0.0000	-89.5389
28	26	COMB2	Combination	-9.282	0.000	-32.077	0.0000	81.7562
28	27	COMB2	Combination	9.282	0.000	39.202	0.0000	-90.6660
28	26	COMB3	Combination	-7.962	0.000	-26.749	0.0000	71.5105
28	27	COMB3	Combination	7.962	0.000	35.749	0.0000	-79.3227
28	26	COMB4	Combination	-51.559	0.000	0.984	0.0000	47.1108
28	27	COMB4	Combination	51.559	0.000	2.391	0.0000	-47.2866
28	26	COMB5	Combination	-45.423	0.000	1.010	0.0000	47.5922
28	27	COMB5	Combination	45.423	0.000	2.365	0.0000	-47.7616
28	26	COMB6	Combination	-26.734	0.000	-5.681	0.0000	30.9200
28	27	COMB6	Combination	26.359	0.000	8.087	0.0000	-32.6410
28	26	COMB7	Combination	-26.901	0.000	-6.227	0.0000	32.3870
28	27	COMB7	Combination	26.526	0.000	8.821	0.0000	-34.2681
28	26	COMB8	Combination	-41.752	0.000	6.392	0.0000	39.2639
28	27	COMB8	Combination	41.377	0.000	-3.798	0.0000	-37.9900
28	26	COMB9	Combination	-17.504	0.000	-27.027	0.0000	64.1017
28	27	COMB9	Combination	17.504	0.000	29.527	0.0000	-71.1709
28	26	COMB10	Combination	-20.302	0.000	-23.215	0.0000	54.8988
28	27	COMB10	Combination	20.302	0.000	25.715	0.0000	-61.0152
28	26	COMB11	Combination	-4.490	0.000	-23.315	0.0000	60.8422
28	27	COMB11	Combination	4.490	0.000	29.565	0.0000	-67.4522
28	26	COMB12	Combination	-30.955	0.000	-9.128	0.0000	58.6975
28	27	COMB12	Combination	30.955	0.000	11.628	0.0000	-61.2920
28	26	COMB13	Combination	-23.341	0.000	-11.891	0.0000	28.0201
28	27	COMB13	Combination	23.341	0.000	14.391	0.0000	-31.3052
29	27	COMB1	Combination	-18.484	0.000	-16.146	0.0000	89.5389
29	28	COMB1	Combination	18.484	0.000	19.521	0.0000	-93.9973
29	27	COMB2	Combination	-9.282	0.000	-14.348	0.0000	90.6660
29	28	COMB2	Combination	9.282	0.000	21.473	0.0000	-95.1436
29	27	COMB3	Combination	-7.962	0.000	-11.179	0.0000	79.3227
29	28	COMB3	Combination	7.962	0.000	20.179	0.0000	-83.2424
29	27	COMB4	Combination	-51.559	0.000	10.938	0.0000	47.2866
29	28	COMB4	Combination	51.559	0.000	-7.563	0.0000	-44.9741
29	27	COMB5	Combination	-45.423	0.000	10.951	0.0000	47.7616
29	28	COMB5	Combination	45.423	0.000	-7.576	0.0000	-45.4457
29	27	COMB6	Combination	-26.359	0.000	1.128	0.0000	32.6410
29	28	COMB6	Combination	25.984	0.000	1.278	0.0000	-32.6598
29	27	COMB7	Combination	-26.526	0.000	0.903	0.0000	34.2681
29	28	COMB7	Combination	26.151	0.000	1.691	0.0000	-34.3665
29	27	COMB8	Combination	-41.377	0.000	14.287	0.0000	37.9900
29	28	COMB8	Combination	41.002	0.000	-11.693	0.0000	-34.7424
29	27	COMB9	Combination	-17.504	0.000	-12.973	0.0000	71.1709
29	28	COMB9	Combination	17.504	0.000	15.473	0.0000	-74.7267
29	27	COMB10	Combination	-20.302	0.000	-11.037	0.0000	61.0152
29	28	COMB10	Combination	20.302	0.000	13.537	0.0000	-64.0868
29	27	COMB11	Combination	-4.490	0.000	-10.162	0.0000	67.4522
29	28	COMB11	Combination	4.490	0.000	16.412	0.0000	-70.7740
29	27	COMB12	Combination	-30.955	0.000	3.094	0.0000	61.2920
29	28	COMB12	Combination	30.955	0.000	-0.594	0.0000	-60.8311

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
29	27	COMB13	Combination	-23.341	0.000	-5.282	0.0000	31.3052
29	28	COMB13	Combination	23.341	0.000	7.782	0.0000	-32.9382
30	28	COMB1	Combination	-18.484	0.000	1.324	0.0000	93.9973
30	29	COMB1	Combination	18.484	0.000	2.051	0.0000	-94.0882
30	28	COMB2	Combination	-9.282	0.000	3.199	0.0000	95.1436
30	29	COMB2	Combination	9.282	0.000	3.926	0.0000	-95.2346
30	28	COMB3	Combination	-7.962	0.000	4.228	0.0000	83.2424
30	29	COMB3	Combination	7.962	0.000	4.772	0.0000	-83.3105
30	28	COMB4	Combination	-51.559	0.000	20.134	0.0000	44.9741
30	29	COMB4	Combination	51.559	0.000	-16.759	0.0000	-40.3625
30	28	COMB5	Combination	-45.423	0.000	20.134	0.0000	45.4457
30	29	COMB5	Combination	45.423	0.000	-16.759	0.0000	-40.8341
30	28	COMB6	Combination	-25.984	0.000	7.625	0.0000	32.6598
30	29	COMB6	Combination	25.609	0.000	-5.219	0.0000	-31.0544
30	28	COMB7	Combination	-26.151	0.000	7.719	0.0000	34.3665
30	29	COMB7	Combination	25.776	0.000	-5.125	0.0000	-32.7611
30	28	COMB8	Combination	-41.002	0.000	21.383	0.0000	34.7424
30	29	COMB8	Combination	40.627	0.000	-18.789	0.0000	-29.7210
30	28	COMB9	Combination	-17.504	0.000	0.940	0.0000	74.7267
30	29	COMB9	Combination	17.504	0.000	1.560	0.0000	-74.8042
30	28	COMB10	Combination	-20.302	0.000	1.018	0.0000	64.0868
30	29	COMB10	Combination	20.302	0.000	1.482	0.0000	-64.1447
30	28	COMB11	Combination	-4.490	0.000	2.856	0.0000	70.7740
30	29	COMB11	Combination	4.490	0.000	3.394	0.0000	-70.8413
30	28	COMB12	Combination	-30.955	0.000	14.712	0.0000	60.8311
30	29	COMB12	Combination	30.955	0.000	-12.212	0.0000	-57.4656
30	28	COMB13	Combination	-23.341	0.000	1.250	0.0000	32.9382
30	29	COMB13	Combination	23.341	0.000	1.250	0.0000	-32.9382
31	29	COMB1	Combination	-18.484	0.000	18.832	0.0000	94.0882
31	30	COMB1	Combination	18.484	0.000	-15.457	0.0000	-89.8020
31	29	COMB2	Combination	-9.282	0.000	20.784	0.0000	95.2346
31	30	COMB2	Combination	9.282	0.000	-13.659	0.0000	-90.9291
31	29	COMB3	Combination	-7.962	0.000	19.663	0.0000	83.3105
31	30	COMB3	Combination	7.962	0.000	-10.663	0.0000	-79.5196
31	29	COMB4	Combination	-51.559	0.000	28.677	0.0000	40.3625
31	30	COMB4	Combination	51.559	0.000	-25.302	0.0000	-33.6151
31	29	COMB5	Combination	-45.423	0.000	28.663	0.0000	40.8341
31	30	COMB5	Combination	45.423	0.000	-25.288	0.0000	-34.0901
31	29	COMB6	Combination	-25.609	0.000	13.887	0.0000	31.0544
31	30	COMB6	Combination	25.234	0.000	-11.481	0.0000	-27.8835
31	29	COMB7	Combination	-25.776	0.000	14.299	0.0000	32.7611
31	30	COMB7	Combination	25.401	0.000	-11.705	0.0000	-29.5106
31	29	COMB8	Combination	-40.627	0.000	27.759	0.0000	29.7210
31	30	COMB8	Combination	40.252	0.000	-25.165	0.0000	-23.1055
31	29	COMB9	Combination	-17.504	0.000	14.886	0.0000	74.8042
31	30	COMB9	Combination	17.504	0.000	-12.386	0.0000	-71.3951
31	29	COMB10	Combination	-20.302	0.000	13.098	0.0000	64.1447
31	30	COMB10	Combination	20.302	0.000	-10.598	0.0000	-61.1828
31	29	COMB11	Combination	-4.490	0.000	15.902	0.0000	70.8413
31	30	COMB11	Combination	4.490	0.000	-9.652	0.0000	-67.6471
31	29	COMB12	Combination	-30.955	0.000	25.868	0.0000	57.4656
31	30	COMB12	Combination	30.955	0.000	-23.368	0.0000	-51.3112
31	29	COMB13	Combination	-23.341	0.000	7.782	0.0000	32.9382
31	30	COMB13	Combination	23.341	0.000	-5.282	0.0000	-31.3052
32	30	COMB1	Combination	-18.484	0.000	36.597	0.0000	89.8020
32	31	COMB1	Combination	18.484	0.000	-33.222	0.0000	-81.0747
32	30	COMB2	Combination	-9.282	0.000	38.628	0.0000	90.9291
32	31	COMB2	Combination	9.282	0.000	-31.503	0.0000	-82.1626
32	30	COMB3	Combination	-7.962	0.000	35.320	0.0000	79.5196
32	31	COMB3	Combination	7.962	0.000	-26.320	0.0000	-71.8146
32	30	COMB4	Combination	-51.559	0.000	36.660	0.0000	33.6151
32	31	COMB4	Combination	51.559	0.000	-33.285	0.0000	-24.8719
32	30	COMB5	Combination	-45.423	0.000	36.634	0.0000	34.0901
32	31	COMB5	Combination	45.423	0.000	-33.259	0.0000	-25.3534
32	30	COMB6	Combination	-25.234	0.000	19.985	0.0000	27.8835

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
32	31	COMB6	Combination	24.859	0.000	-17.579	0.0000	-23.1881
32	30	COMB7	Combination	-25.401	0.000	20.719	0.0000	29.5106
32	31	COMB7	Combination	25.026	0.000	-18.125	0.0000	-24.6551
32	30	COMB8	Combination	-40.252	0.000	33.484	0.0000	23.1055
32	31	COMB8	Combination	39.877	0.000	-30.890	0.0000	-15.0587
32	30	COMB9	Combination	-17.504	0.000	29.038	0.0000	71.3951
32	31	COMB9	Combination	17.504	0.000	-26.538	0.0000	-64.4480
32	30	COMB10	Combination	-20.302	0.000	25.350	0.0000	61.1828
32	31	COMB10	Combination	20.302	0.000	-22.850	0.0000	-55.1577
32	30	COMB11	Combination	-4.490	0.000	29.140	0.0000	67.6471
32	31	COMB11	Combination	4.490	0.000	-22.890	0.0000	-61.1433
32	30	COMB12	Combination	-30.955	0.000	36.694	0.0000	51.3112
32	31	COMB12	Combination	30.955	0.000	-34.194	0.0000	-42.4501
32	30	COMB13	Combination	-23.341	0.000	14.391	0.0000	31.3052
32	31	COMB13	Combination	23.341	0.000	-11.891	0.0000	-28.0201
33	31	COMB1	Combination	-18.484	0.000	54.825	0.0000	81.0747
33	32	COMB1	Combination	18.484	0.000	-51.450	0.0000	-67.7903
33	31	COMB2	Combination	-9.282	0.000	56.941	0.0000	82.1626
33	32	COMB2	Combination	9.282	0.000	-49.816	0.0000	-68.8180
33	31	COMB3	Combination	-7.962	0.000	51.382	0.0000	71.8146
33	32	COMB3	Combination	7.962	0.000	-42.382	0.0000	-60.0942
33	31	COMB4	Combination	-51.559	0.000	44.162	0.0000	24.8719
33	32	COMB4	Combination	51.559	0.000	-40.787	0.0000	-14.2534
33	31	COMB5	Combination	-45.423	0.000	44.126	0.0000	25.3534
33	32	COMB5	Combination	45.423	0.000	-40.751	0.0000	-14.7438
33	31	COMB6	Combination	-24.859	0.000	25.984	0.0000	23.1881
33	32	COMB6	Combination	24.484	0.000	-23.578	0.0000	-16.9928
33	31	COMB7	Combination	-25.026	0.000	27.048	0.0000	24.6551
33	32	COMB7	Combination	24.651	0.000	-24.454	0.0000	-18.2172
33	31	COMB8	Combination	-39.877	0.000	38.613	0.0000	15.0587
33	32	COMB8	Combination	39.502	0.000	-36.019	0.0000	-5.7296
33	31	COMB9	Combination	-17.504	0.000	43.562	0.0000	64.4480
33	32	COMB9	Combination	17.504	0.000	-41.062	0.0000	-53.8701
33	31	COMB10	Combination	-20.302	0.000	37.917	0.0000	55.1577
33	32	COMB10	Combination	20.302	0.000	-35.417	0.0000	-45.9910
33	31	COMB11	Combination	-4.490	0.000	42.727	0.0000	61.1433
33	32	COMB11	Combination	4.490	0.000	-36.477	0.0000	-51.2427
33	31	COMB12	Combination	-30.955	0.000	47.310	0.0000	42.4501
33	32	COMB12	Combination	30.955	0.000	-44.810	0.0000	-30.9351
33	31	COMB13	Combination	-23.341	0.000	21.148	0.0000	28.0201
33	32	COMB13	Combination	23.341	0.000	-18.648	0.0000	-23.0456
34	32	COMB1	Combination	-18.484	0.000	73.706	0.0000	67.7903
34	33	COMB1	Combination	18.484	0.000	-70.331	0.0000	-49.7857
34	32	COMB2	Combination	-9.282	0.000	75.914	0.0000	68.8180
34	33	COMB2	Combination	9.282	0.000	-68.789	0.0000	-50.7301
34	32	COMB3	Combination	-7.962	0.000	68.015	0.0000	60.0942
34	33	COMB3	Combination	7.962	0.000	-59.015	0.0000	-44.2154
34	32	COMB4	Combination	-51.559	0.000	51.240	0.0000	14.2534
34	33	COMB4	Combination	51.559	0.000	-47.865	0.0000	-1.8653
34	32	COMB5	Combination	-45.423	0.000	51.197	0.0000	14.7438
34	33	COMB5	Combination	45.423	0.000	-47.822	0.0000	-2.3665
34	32	COMB6	Combination	-24.484	0.000	31.938	0.0000	16.9928
34	33	COMB6	Combination	24.109	0.000	-29.532	0.0000	-9.3090
34	32	COMB7	Combination	-24.651	0.000	33.344	0.0000	18.2172
34	33	COMB7	Combination	24.276	0.000	-30.750	0.0000	-10.2055
34	32	COMB8	Combination	-39.502	0.000	43.181	0.0000	5.7296
34	33	COMB8	Combination	39.127	0.000	-40.587	0.0000	4.7413
34	32	COMB9	Combination	-17.504	0.000	58.606	0.0000	53.8701
34	33	COMB9	Combination	17.504	0.000	-56.106	0.0000	-39.5312
34	32	COMB10	Combination	-20.302	0.000	50.927	0.0000	45.9910
34	33	COMB10	Combination	20.302	0.000	-48.427	0.0000	-33.5717
34	32	COMB11	Combination	-4.490	0.000	56.805	0.0000	51.2427
34	33	COMB11	Combination	4.490	0.000	-50.555	0.0000	-37.8227
34	32	COMB12	Combination	-30.955	0.000	57.814	0.0000	30.9351
34	33	COMB12	Combination	30.955	0.000	-55.314	0.0000	-16.7940

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
34	32	COMB13	Combination	-23.341	0.000	28.119	0.0000	23.0456
34	33	COMB13	Combination	23.341	0.000	-25.619	0.0000	-16.3285
35	33	COMB1	Combination	-18.484	0.000	93.398	0.0000	49.7857
35	34	COMB1	Combination	18.484	0.000	-90.023	0.0000	-26.8582
35	33	COMB2	Combination	-9.282	0.000	95.706	0.0000	50.7301
35	34	COMB2	Combination	9.282	0.000	-88.581	0.0000	-27.6942
35	33	COMB3	Combination	-7.962	0.000	85.360	0.0000	44.2154
35	34	COMB3	Combination	7.962	0.000	-76.360	0.0000	-24.0004
35	33	COMB4	Combination	-51.559	0.000	57.929	0.0000	1.8653
35	34	COMB4	Combination	51.559	0.000	-54.554	0.0000	12.1950
35	33	COMB5	Combination	-45.423	0.000	57.883	0.0000	2.3665
35	34	COMB5	Combination	45.423	0.000	-54.508	0.0000	11.6824
35	33	COMB6	Combination	-24.109	0.000	37.888	0.0000	9.3090
35	34	COMB6	Combination	23.734	0.000	-35.482	0.0000	-0.1377
35	33	COMB7	Combination	-24.276	0.000	39.648	0.0000	10.2055
35	34	COMB7	Combination	23.901	0.000	-37.054	0.0000	-0.6177
35	33	COMB8	Combination	-39.127	0.000	47.201	0.0000	-4.7413
35	34	COMB8	Combination	38.752	0.000	-44.607	0.0000	16.2172
35	33	COMB9	Combination	-17.504	0.000	74.296	0.0000	39.5312
35	34	COMB9	Combination	17.504	0.000	-71.796	0.0000	-21.2696
35	33	COMB10	Combination	-20.302	0.000	64.487	0.0000	33.5717
35	34	COMB10	Combination	20.302	0.000	-61.987	0.0000	-17.7625
35	33	COMB11	Combination	-4.490	0.000	71.492	0.0000	37.8227
35	34	COMB11	Combination	4.490	0.000	-65.242	0.0000	-20.7309
35	33	COMB12	Combination	-30.955	0.000	68.280	0.0000	16.7940
35	34	COMB12	Combination	30.955	0.000	-65.780	0.0000	-0.0367
35	33	COMB13	Combination	-23.341	0.000	35.358	0.0000	16.3285
35	34	COMB13	Combination	23.341	0.000	-32.858	0.0000	-7.8016
36	34	COMB1	Combination	-18.484	0.000	114.018	0.0000	26.8582
36	35	COMB1	Combination	18.484	0.000	-110.643	0.0000	1.2244
36	34	COMB2	Combination	-9.282	0.000	116.439	0.0000	27.6942
36	35	COMB2	Combination	9.282	0.000	-109.314	0.0000	0.5249
36	34	COMB3	Combination	-7.962	0.000	103.521	0.0000	24.0004
36	35	COMB3	Combination	7.962	0.000	-94.521	0.0000	0.7547
36	34	COMB4	Combination	-51.559	0.000	64.234	0.0000	-12.1950
36	35	COMB4	Combination	51.559	0.000	-60.859	0.0000	27.8316
36	34	COMB5	Combination	-45.423	0.000	64.191	0.0000	-11.6824
36	35	COMB5	Combination	45.423	0.000	-60.816	0.0000	27.3083
36	34	COMB6	Combination	-23.734	0.000	43.855	0.0000	0.1377
36	35	COMB6	Combination	23.359	0.000	-41.449	0.0000	10.5253
36	34	COMB7	Combination	-23.901	0.000	45.986	0.0000	0.6177
36	35	COMB7	Combination	23.526	0.000	-43.392	0.0000	10.5546
36	34	COMB8	Combination	-38.752	0.000	50.664	0.0000	-16.2172
36	35	COMB8	Combination	38.377	0.000	-48.070	0.0000	28.5589
36	34	COMB9	Combination	-17.504	0.000	90.727	0.0000	21.2696
36	35	COMB9	Combination	17.504	0.000	-88.227	0.0000	1.0998
36	34	COMB10	Combination	-20.302	0.000	78.677	0.0000	17.7625
36	35	COMB10	Combination	20.302	0.000	-76.177	0.0000	1.5942
36	34	COMB11	Combination	-4.490	0.000	86.879	0.0000	20.7309
36	35	COMB11	Combination	4.490	0.000	-80.629	0.0000	0.2074
36	34	COMB12	Combination	-30.955	0.000	78.746	0.0000	0.0367
36	35	COMB12	Combination	30.955	0.000	-76.246	0.0000	19.3374
36	34	COMB13	Combination	-23.341	0.000	42.903	0.0000	7.8016
36	35	COMB13	Combination	23.341	0.000	-40.403	0.0000	2.6117
37	35	COMB1	Combination	-18.484	0.000	135.632	0.0000	-1.2244
37	36	COMB1	Combination	18.484	0.000	-132.257	0.0000	34.7106
37	35	COMB2	Combination	-9.282	0.000	138.179	0.0000	-0.5249
37	36	COMB2	Combination	9.282	0.000	-131.054	0.0000	34.1789
37	35	COMB3	Combination	-7.962	0.000	122.556	0.0000	-0.7547
37	36	COMB3	Combination	7.962	0.000	-113.556	0.0000	30.2687
37	35	COMB4	Combination	-51.559	0.000	70.129	0.0000	-27.8316
37	36	COMB4	Combination	51.559	0.000	-66.754	0.0000	44.9419
37	35	COMB5	Combination	-45.423	0.000	70.095	0.0000	-27.3083
37	36	COMB5	Combination	45.423	0.000	-66.720	0.0000	44.4102
37	35	COMB6	Combination	-23.359	0.000	49.841	0.0000	-10.5253

Table: Element Joint Forces - Frames, Part 1 of 2

Frame	Joint	OutputCase	CaseType	F1 KN	F2 KN	F3 KN	M1 KN-m	M2 KN-m
37	36	COMB6	Combination	22.984	0.000	-47.435	0.0000	22.6848
37	35	COMB7	Combination	-23.526	0.000	52.361	0.0000	-10.5546
37	36	COMB7	Combination	23.151	0.000	-49.767	0.0000	23.3206
37	35	COMB8	Combination	-38.377	0.000	53.533	0.0000	-28.5589
37	36	COMB8	Combination	38.002	0.000	-50.939	0.0000	41.6180
37	35	COMB9	Combination	-17.504	0.000	107.951	0.0000	-1.0998
37	36	COMB9	Combination	17.504	0.000	-105.451	0.0000	27.7751
37	35	COMB10	Combination	-20.302	0.000	93.540	0.0000	-1.5942
37	36	COMB10	Combination	20.302	0.000	-91.040	0.0000	24.6666
37	35	COMB11	Combination	-4.490	0.000	103.015	0.0000	-0.2074
37	36	COMB11	Combination	4.490	0.000	-96.765	0.0000	25.1798
37	35	COMB12	Combination	-30.955	0.000	89.218	0.0000	-19.3374
37	36	COMB12	Combination	30.955	0.000	-86.718	0.0000	41.3293
37	35	COMB13	Combination	-23.341	0.000	50.775	0.0000	-2.6117
37	36	COMB13	Combination	23.341	0.000	-48.275	0.0000	14.9928
38	36	COMB1	Combination	-18.484	0.000	159.024	0.0000	-34.7106
38	18	COMB1	Combination	18.484	0.000	-154.636	0.0000	85.6803
38	36	COMB2	Combination	-9.282	0.000	161.826	0.0000	-34.1789
38	18	COMB2	Combination	9.282	0.000	-152.564	0.0000	85.2673
38	36	COMB3	Combination	-7.962	0.000	143.335	0.0000	-30.2687
38	18	COMB3	Combination	7.962	0.000	-131.635	0.0000	74.9514
38	36	COMB4	Combination	-51.559	0.000	75.816	0.0000	-44.9419
38	18	COMB4	Combination	51.559	0.000	-71.428	0.0000	68.8691
38	36	COMB5	Combination	-45.423	0.000	75.800	0.0000	-44.4102
38	18	COMB5	Combination	45.423	0.000	-71.413	0.0000	68.3324
38	36	COMB6	Combination	-22.984	0.000	56.076	0.0000	-22.6848
38	18	COMB6	Combination	22.609	0.000	-52.920	0.0000	40.3967
38	36	COMB7	Combination	-23.151	0.000	59.019	0.0000	-23.3206
38	18	COMB7	Combination	22.776	0.000	-55.675	0.0000	41.9583
38	36	COMB8	Combination	-38.002	0.000	55.890	0.0000	-41.6180
38	18	COMB8	Combination	37.627	0.000	-52.546	0.0000	59.2389
38	36	COMB9	Combination	-17.504	0.000	126.584	0.0000	-27.7751
38	18	COMB9	Combination	17.504	0.000	-123.334	0.0000	68.3869
38	36	COMB10	Combination	-20.302	0.000	109.618	0.0000	-24.6666
38	18	COMB10	Combination	20.302	0.000	-106.368	0.0000	59.7642
38	36	COMB11	Combination	-4.490	0.000	120.598	0.0000	-25.1798
38	18	COMB11	Combination	4.490	0.000	-112.473	0.0000	63.0539
38	36	COMB12	Combination	-30.955	0.000	100.040	0.0000	-41.3293
38	18	COMB12	Combination	30.955	0.000	-96.790	0.0000	73.3141
38	36	COMB13	Combination	-23.341	0.000	59.289	0.0000	-14.9928
38	18	COMB13	Combination	23.341	0.000	-56.039	0.0000	33.7336

Table: Frame Loads - Distributed, Part 1 of 3

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
1	Spinta Terre	GLOBAL	Force	X	RelDist	0.0000
1	ncrSisma su terre dir	GLOBAL	Force	X	RelDist	0.0000
1	Acqua interna	GLOBAL	Force	X	RelDist	0.0000
1	Incr Spinta Terre	GLOBAL	Force	X	RelDist	0.0000
2	Ricoprimento	GLOBAL	Force	Gravity	RelDist	0.0000
2	Carico Mobile Q1	GLOBAL	Force	Gravity	RelDist	0.3409
3	Spinta Terre	GLOBAL	Force	X	RelDist	0.0000
3	Acqua interna	GLOBAL	Force	X	RelDist	0.0000
22	Acqua interna	GLOBAL	Force	Gravity	RelDist	0.0000
23	Acqua interna	GLOBAL	Force	Gravity	RelDist	0.0000
24	Acqua interna	GLOBAL	Force	Gravity	RelDist	0.0000
25	Acqua interna	GLOBAL	Force	Gravity	RelDist	0.0000
26	Acqua interna	GLOBAL	Force	Gravity	RelDist	0.0000
27	Acqua interna	GLOBAL	Force	Gravity	RelDist	0.0000
28	Acqua interna	GLOBAL	Force	Gravity	RelDist	0.0000
29	Acqua interna	GLOBAL	Force	Gravity	RelDist	0.0000
30	Acqua interna	GLOBAL	Force	Gravity	RelDist	0.0000
31	Acqua interna	GLOBAL	Force	Gravity	RelDist	0.0000



**Table: Frame Loads - Distributed, Part 1 of 3**

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDistA
32	Acqua interna	GLOBAL	Force	Gravity	RelDist	0.0000
33	Acqua interna	GLOBAL	Force	Gravity	RelDist	0.0000
34	Acqua interna	GLOBAL	Force	Gravity	RelDist	0.0000
35	Acqua interna	GLOBAL	Force	Gravity	RelDist	0.0000
36	Acqua interna	GLOBAL	Force	Gravity	RelDist	0.0000
37	Acqua interna	GLOBAL	Force	Gravity	RelDist	0.0000
38	Acqua interna	GLOBAL	Force	Gravity	RelDist	0.0000

**Table: Frame Loads - Distributed, Part 2 of 3**

**Table: Frame Loads - Distributed, Part 2 of 3**

Frame	LoadPat	RelDistB	AbsDistA m	AbsDistB m	FOverLA KN/m	FOverLB KN/m
1	Spinta Terre	1.0000	0.00000	1.90000	24.70	6.65
1	ncrSisma su terre dir X	1.0000	0.00000	1.90000	5.42	5.42
1	Acqua interna	1.0000	0.00000	1.90000	-15.00	0.00
1	Incr Spinta Terre	1.0000	0.00000	1.90000	31.70	31.70
2	Ricoprimento	1.0000	0.00000	4.40000	9.50	9.50
2	Carico Mobile Q1	0.6477	1.50000	2.85000	92.59	92.59
3	Spinta Terre	1.0000	0.00000	1.90000	-6.65	-24.70
3	Acqua interna	1.0000	0.00000	1.90000	0.00	15.00
22	Acqua interna	1.0000	0.00000	0.32500	15.00	15.00
23	Acqua interna	1.0000	0.00000	0.25000	15.00	15.00
24	Acqua interna	1.0000	0.00000	0.25000	15.00	15.00
25	Acqua interna	1.0000	0.00000	0.25000	15.00	15.00
26	Acqua interna	1.0000	0.00000	0.25000	15.00	15.00
27	Acqua interna	1.0000	0.00000	0.25000	15.00	15.00
28	Acqua interna	1.0000	0.00000	0.25000	15.00	15.00
29	Acqua interna	1.0000	0.00000	0.25000	15.00	15.00
30	Acqua interna	1.0000	0.00000	0.25000	15.00	15.00
31	Acqua interna	1.0000	0.00000	0.25000	15.00	15.00
32	Acqua interna	1.0000	0.00000	0.25000	15.00	15.00
33	Acqua interna	1.0000	0.00000	0.25000	15.00	15.00
34	Acqua interna	1.0000	0.00000	0.25000	15.00	15.00
35	Acqua interna	1.0000	0.00000	0.25000	15.00	15.00
36	Acqua interna	1.0000	0.00000	0.25000	15.00	15.00
37	Acqua interna	1.0000	0.00000	0.25000	15.00	15.00
38	Acqua interna	1.0000	0.00000	0.32500	15.00	15.00

**Table: Frame Loads - Distributed, Part 3 of 3**

**Table: Frame Loads - Distributed, Part 3 of 3**

Frame	LoadPat	GUID
1	Spinta Terre	
1	ncrSisma su terre dir	
1	Acqua interna	
1	Incr Spinta Terre	
2	Ricoprimento	
2	Carico Mobile Q1	
3	Spinta Terre	
3	Acqua interna	
22	Acqua interna	
23	Acqua interna	
24	Acqua interna	
25	Acqua interna	
26	Acqua interna	
27	Acqua interna	
28	Acqua interna	
29	Acqua interna	
30	Acqua interna	
31	Acqua interna	
32	Acqua interna	
33	Acqua interna	
34	Acqua interna	

**Table: Frame Loads - Distributed, Part 3 of 3**

Frame	LoadPat	GUID
35	Acqua interna	
36	Acqua interna	
37	Acqua interna	
38	Acqua interna	

**Table: Frame Loads - Point, Part 1 of 2**

**Table: Frame Loads - Point, Part 1 of 2**

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDist
1	Sisma Dir X	GLOBAL	Force	X	RelDist	0.5000
1	Sisma Dir V+Z	GLOBAL	Force	Z	RelDist	0.5000
1	Sisma Dir V-Z	GLOBAL	Force	Z	RelDist	0.5000
2	Sisma Dir X	GLOBAL	Force	X	RelDist	0.5000
2	Sisma Dir V+Z	GLOBAL	Force	Z	RelDist	0.5000
2	Sisma Dir V-Z	GLOBAL	Force	Z	RelDist	0.5000
3	Sisma Dir X	GLOBAL	Force	X	RelDist	0.5000
3	Sisma Dir V+Z	GLOBAL	Force	Z	RelDist	0.5000
3	Sisma Dir V-Z	GLOBAL	Force	Z	RelDist	0.5000
22	Sisma Dir X	GLOBAL	Force	X	RelDist	0.5000
22	Sisma Dir V+Z	GLOBAL	Force	Z	RelDist	0.5000
22	Sisma Dir V-Z	GLOBAL	Force	Z	RelDist	0.5000
23	Sisma Dir X	GLOBAL	Force	X	RelDist	0.5000
23	Sisma Dir V+Z	GLOBAL	Force	Z	RelDist	0.5000
23	Sisma Dir V-Z	GLOBAL	Force	Z	RelDist	0.5000
24	Sisma Dir X	GLOBAL	Force	X	RelDist	0.5000
24	Sisma Dir V+Z	GLOBAL	Force	Z	RelDist	0.5000
24	Sisma Dir V-Z	GLOBAL	Force	Z	RelDist	0.5000
25	Sisma Dir X	GLOBAL	Force	X	RelDist	0.5000
25	Sisma Dir V+Z	GLOBAL	Force	Z	RelDist	0.5000
25	Sisma Dir V-Z	GLOBAL	Force	Z	RelDist	0.5000
26	Sisma Dir X	GLOBAL	Force	X	RelDist	0.5000
26	Sisma Dir V+Z	GLOBAL	Force	Z	RelDist	0.5000
26	Sisma Dir V-Z	GLOBAL	Force	Z	RelDist	0.5000
27	Sisma Dir X	GLOBAL	Force	X	RelDist	0.5000
27	Sisma Dir V+Z	GLOBAL	Force	Z	RelDist	0.5000
27	Sisma Dir V-Z	GLOBAL	Force	Z	RelDist	0.5000
28	Sisma Dir X	GLOBAL	Force	X	RelDist	0.5000
28	Sisma Dir V+Z	GLOBAL	Force	Z	RelDist	0.5000
28	Sisma Dir V-Z	GLOBAL	Force	Z	RelDist	0.5000
29	Sisma Dir X	GLOBAL	Force	X	RelDist	0.5000
29	Sisma Dir V+Z	GLOBAL	Force	Z	RelDist	0.5000
29	Sisma Dir V-Z	GLOBAL	Force	Z	RelDist	0.5000
30	Sisma Dir X	GLOBAL	Force	X	RelDist	0.5000
30	Sisma Dir V+Z	GLOBAL	Force	Z	RelDist	0.5000
30	Sisma Dir V-Z	GLOBAL	Force	Z	RelDist	0.5000
31	Sisma Dir X	GLOBAL	Force	X	RelDist	0.5000
31	Sisma Dir V+Z	GLOBAL	Force	Z	RelDist	0.5000
31	Sisma Dir V-Z	GLOBAL	Force	Z	RelDist	0.5000
32	Sisma Dir X	GLOBAL	Force	X	RelDist	0.5000
32	Sisma Dir V+Z	GLOBAL	Force	Z	RelDist	0.5000
32	Sisma Dir V-Z	GLOBAL	Force	Z	RelDist	0.5000
33	Sisma Dir X	GLOBAL	Force	X	RelDist	0.5000
33	Sisma Dir V+Z	GLOBAL	Force	Z	RelDist	0.5000
33	Sisma Dir V-Z	GLOBAL	Force	Z	RelDist	0.5000
34	Sisma Dir X	GLOBAL	Force	X	RelDist	0.5000
34	Sisma Dir V+Z	GLOBAL	Force	Z	RelDist	0.5000
34	Sisma Dir V-Z	GLOBAL	Force	Z	RelDist	0.5000
35	Sisma Dir X	GLOBAL	Force	X	RelDist	0.5000
35	Sisma Dir V+Z	GLOBAL	Force	Z	RelDist	0.5000
35	Sisma Dir V-Z	GLOBAL	Force	Z	RelDist	0.5000
36	Sisma Dir X	GLOBAL	Force	X	RelDist	0.5000
36	Sisma Dir V+Z	GLOBAL	Force	Z	RelDist	0.5000
36	Sisma Dir V-Z	GLOBAL	Force	Z	RelDist	0.5000
37	Sisma Dir X	GLOBAL	Force	X	RelDist	0.5000

**Table: Frame Loads - Point, Part 1 of 2**

Frame	LoadPat	CoordSys	Type	Dir	DistType	RelDist
37	Sisma Dir V+Z	GLOBAL	Force	Z	RelDist	0.5000
37	Sisma Dir V-Z	GLOBAL	Force	Z	RelDist	0.5000
38	Sisma Dir X	GLOBAL	Force	X	RelDist	0.5000
38	Sisma Dir V+Z	GLOBAL	Force	Z	RelDist	0.5000
38	Sisma Dir V-Z	GLOBAL	Force	Z	RelDist	0.5000

**Table: Frame Loads - Point, Part 2 of 2**

**Table: Frame Loads - Point, Part 2 of 2**

Frame	LoadPat	AbsDist m	Force KN	GUID
1	Sisma Dir X	0.95000	2.850	
1	Sisma Dir V+Z	0.95000	1.430	
1	Sisma Dir V-Z	0.95000	-1.430	
2	Sisma Dir X	2.20000	6.600	
2	Sisma Dir V+Z	2.20000	3.300	
2	Sisma Dir V-Z	2.20000	-3.300	
3	Sisma Dir X	0.95000	2.850	
3	Sisma Dir V+Z	0.95000	1.430	
3	Sisma Dir V-Z	0.95000	-1.430	
22	Sisma Dir X	0.16250	0.375	
22	Sisma Dir V+Z	0.16250	0.188	
22	Sisma Dir V-Z	0.16250	-0.188	
23	Sisma Dir X	0.12500	0.375	
23	Sisma Dir V+Z	0.12500	0.188	
23	Sisma Dir V-Z	0.12500	-0.188	
24	Sisma Dir X	0.12500	0.375	
24	Sisma Dir V+Z	0.12500	0.188	
24	Sisma Dir V-Z	0.12500	-0.188	
25	Sisma Dir X	0.12500	0.375	
25	Sisma Dir V+Z	0.12500	0.188	
25	Sisma Dir V-Z	0.12500	-0.188	
26	Sisma Dir X	0.12500	0.375	
26	Sisma Dir V+Z	0.12500	0.188	
26	Sisma Dir V-Z	0.12500	-0.188	
27	Sisma Dir X	0.12500	0.375	
27	Sisma Dir V+Z	0.12500	0.188	
27	Sisma Dir V-Z	0.12500	-0.188	
28	Sisma Dir X	0.12500	0.375	
28	Sisma Dir V+Z	0.12500	0.188	
28	Sisma Dir V-Z	0.12500	-0.188	
29	Sisma Dir X	0.12500	0.375	
29	Sisma Dir V+Z	0.12500	0.188	
29	Sisma Dir V-Z	0.12500	-0.188	
30	Sisma Dir X	0.12500	0.375	
30	Sisma Dir V+Z	0.12500	0.188	
30	Sisma Dir V-Z	0.12500	-0.188	
31	Sisma Dir X	0.12500	0.375	
31	Sisma Dir V+Z	0.12500	0.188	
31	Sisma Dir V-Z	0.12500	-0.188	
32	Sisma Dir X	0.12500	0.375	
32	Sisma Dir V+Z	0.12500	0.188	
32	Sisma Dir V-Z	0.12500	-0.188	
33	Sisma Dir X	0.12500	0.375	
33	Sisma Dir V+Z	0.12500	0.188	
33	Sisma Dir V-Z	0.12500	-0.188	
34	Sisma Dir X	0.12500	0.375	
34	Sisma Dir V+Z	0.12500	0.188	
34	Sisma Dir V-Z	0.12500	-0.188	
35	Sisma Dir X	0.12500	0.375	
35	Sisma Dir V+Z	0.12500	0.188	
35	Sisma Dir V-Z	0.12500	-0.188	
36	Sisma Dir X	0.12500	0.375	
36	Sisma Dir V+Z	0.12500	0.188	
36	Sisma Dir V-Z	0.12500	-0.188	

**Table: Frame Loads - Point, Part 2 of 2**

Frame	LoadPat	AbsDist m	Force KN	GUID
37	Sisma Dir X	0.12500	0.375	
37	Sisma Dir V+Z	0.12500	0.188	
37	Sisma Dir V-Z	0.12500	-0.188	
38	Sisma Dir X	0.16250	0.375	
38	Sisma Dir V+Z	0.16250	0.188	
38	Sisma Dir V-Z	0.16250	-0.188	

**Table: Frame Output Station Assignments**

**Table: Frame Output Station Assignments**

Frame	StationType	MinNumSta	MaxStaSpcg m	AddAtElmInt	AddAtPtLoad
1	MinNumSta	3		Yes	Yes
2	MaxStaSpcg		0.50000	Yes	Yes
3	MinNumSta	3		Yes	Yes
22	MaxStaSpcg		0.50000	Yes	Yes
23	MaxStaSpcg		0.50000	Yes	Yes
24	MaxStaSpcg		0.50000	Yes	Yes
25	MaxStaSpcg		0.50000	Yes	Yes
26	MaxStaSpcg		0.50000	Yes	Yes
27	MaxStaSpcg		0.50000	Yes	Yes
28	MaxStaSpcg		0.50000	Yes	Yes
29	MaxStaSpcg		0.50000	Yes	Yes
30	MaxStaSpcg		0.50000	Yes	Yes
31	MaxStaSpcg		0.50000	Yes	Yes
32	MaxStaSpcg		0.50000	Yes	Yes
33	MaxStaSpcg		0.50000	Yes	Yes
34	MaxStaSpcg		0.50000	Yes	Yes
35	MaxStaSpcg		0.50000	Yes	Yes
36	MaxStaSpcg		0.50000	Yes	Yes
37	MaxStaSpcg		0.50000	Yes	Yes
38	MaxStaSpcg		0.50000	Yes	Yes

**Table: Frame Section Assignments**

**Table: Frame Section Assignments**

Frame	SectionType	AutoSelect	AnalSect	DesignSect	MatProp
1	Rectangular	N.A.	RITTO 100X40	RITTO 100X40	Default
2	Rectangular	N.A.	SOL 100X40	SOL 100X40	Default
3	Rectangular	N.A.	RITTO 100X40	RITTO 100X40	Default
22	Rectangular	N.A.	SOL 100X40	SOL 100X40	Default
23	Rectangular	N.A.	SOL 100X40	SOL 100X40	Default
24	Rectangular	N.A.	SOL 100X40	SOL 100X40	Default
25	Rectangular	N.A.	SOL 100X40	SOL 100X40	Default
26	Rectangular	N.A.	SOL 100X40	SOL 100X40	Default
27	Rectangular	N.A.	SOL 100X40	SOL 100X40	Default
28	Rectangular	N.A.	SOL 100X40	SOL 100X40	Default
29	Rectangular	N.A.	SOL 100X40	SOL 100X40	Default
30	Rectangular	N.A.	SOL 100X40	SOL 100X40	Default
31	Rectangular	N.A.	SOL 100X40	SOL 100X40	Default
32	Rectangular	N.A.	SOL 100X40	SOL 100X40	Default
33	Rectangular	N.A.	SOL 100X40	SOL 100X40	Default
34	Rectangular	N.A.	SOL 100X40	SOL 100X40	Default
35	Rectangular	N.A.	SOL 100X40	SOL 100X40	Default
36	Rectangular	N.A.	SOL 100X40	SOL 100X40	Default
37	Rectangular	N.A.	SOL 100X40	SOL 100X40	Default
38	Rectangular	N.A.	SOL 100X40	SOL 100X40	Default

**Table: Frame Spring Assignments, Part 1 of 2**

**Table: Frame Spring Assignments, Part 1 of 2**

Frame	Type	Stiffness KN/m/m	SimpleType	Dir1Type	CoordSys	VecX
22	Simple	5000.00	Tension and Compression	User Vector	GLOBAL	0.000000

**Table: Frame Spring Assignments, Part 1 of 2**

Frame	Type	Stiffness KN/m/m	SimpleType	Dir1Type	CoordSys	VecX
23	Simple	5000.00	Tension and Compression	User Vector	GLOBAL	0.000000
24	Simple	5000.00	Tension and Compression	User Vector	GLOBAL	0.000000
25	Simple	5000.00	Tension and Compression	User Vector	GLOBAL	0.000000
26	Simple	5000.00	Tension and Compression	User Vector	GLOBAL	0.000000
27	Simple	5000.00	Tension and Compression	User Vector	GLOBAL	0.000000
28	Simple	5000.00	Tension and Compression	User Vector	GLOBAL	0.000000
29	Simple	5000.00	Tension and Compression	User Vector	GLOBAL	0.000000
30	Simple	5000.00	Tension and Compression	User Vector	GLOBAL	0.000000
31	Simple	5000.00	Tension and Compression	User Vector	GLOBAL	0.000000
32	Simple	5000.00	Tension and Compression	User Vector	GLOBAL	0.000000
33	Simple	5000.00	Tension and Compression	User Vector	GLOBAL	0.000000
34	Simple	5000.00	Tension and Compression	User Vector	GLOBAL	0.000000
35	Simple	5000.00	Tension and Compression	User Vector	GLOBAL	0.000000
36	Simple	5000.00	Tension and Compression	User Vector	GLOBAL	0.000000
37	Simple	5000.00	Tension and Compression	User Vector	GLOBAL	0.000000
38	Simple	5000.00	Tension and Compression	User Vector	GLOBAL	0.000000

**Table: Frame Spring Assignments, Part 2 of 2**

**Table: Frame Spring Assignments, Part 2 of 2**

Frame	Dir1Type	CoordSys	VecX	VecY	VecZ
22	User Vector	GLOBAL	0.000000	0.000000	1.000000
23	User Vector	GLOBAL	0.000000	0.000000	1.000000
24	User Vector	GLOBAL	0.000000	0.000000	1.000000
25	User Vector	GLOBAL	0.000000	0.000000	1.000000
26	User Vector	GLOBAL	0.000000	0.000000	1.000000
27	User Vector	GLOBAL	0.000000	0.000000	1.000000
28	User Vector	GLOBAL	0.000000	0.000000	1.000000
29	User Vector	GLOBAL	0.000000	0.000000	1.000000
30	User Vector	GLOBAL	0.000000	0.000000	1.000000
31	User Vector	GLOBAL	0.000000	0.000000	1.000000
32	User Vector	GLOBAL	0.000000	0.000000	1.000000
33	User Vector	GLOBAL	0.000000	0.000000	1.000000
34	User Vector	GLOBAL	0.000000	0.000000	1.000000
35	User Vector	GLOBAL	0.000000	0.000000	1.000000
36	User Vector	GLOBAL	0.000000	0.000000	1.000000
37	User Vector	GLOBAL	0.000000	0.000000	1.000000
38	User Vector	GLOBAL	0.000000	0.000000	1.000000

**Table: Grid Lines, Part 1 of 2**

**Table: Grid Lines, Part 1 of 2**

CoordSys	AxisDir	GridID	XRYZCoord m	LineType	LineColor	Visible	ubbleLoc	llVisible
GLOBAL	X	A	-2.12500	Primary	Gray8Dark	Yes	End	Yes
GLOBAL	X	B	-1.87500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	C	-1.62500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	D	-1.37500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	E	-1.12500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	F	-0.87500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	G	-0.62500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	H	-0.37500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	I	-0.12500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	J	0.12500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	K	0.37500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	L	0.62500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	M	0.87500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	N	1.12500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	O	1.37500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	P	1.62500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	Q	1.87500	Primary	Gray8Dark	Yes	End	
GLOBAL	X	R	2.12500	Primary	Gray8Dark	Yes	End	
GLOBAL	Y	1	0.00000	Primary	Gray8Dark	Yes	Start	
GLOBAL	Z	Z1	0.00000	Primary	Gray8Dark	Yes	End	

Table: Grid Lines, Part 1 of 2

CoordSys	AxisDir	GridID	XRYZCoord m	LineType	LineColor	Visible	ubbleLoc	IIVisible
GLOBAL	Z	Z2	1.75000	Primary	Gray8Dark	Yes	End	

Table: Load Case Definitions, Part 1 of 2

Table: Load Case Definitions, Part 1 of 2

Case	Type	InitialCond	odalCase	aseCase	DesTypeOpt	DesignType	AutoType
DEAD	LinStatic	Zero			Prog Det	DEAD	None
Ricoprimento	LinStatic	Zero			Prog Det	LIVE	None
Spinta Terre	LinStatic	Zero			Prog Det	LIVE	None
Incr Spinta Terre	LinStatic	Zero			Prog Det	LIVE	None
Acqua interna	LinStatic	Zero			Prog Det	LIVE	None
Carico Mobile Q1	LinStatic	Zero			Prog Det	LIVE	None
Sisma Dir X	LinStatic	Zero			Prog Det	QUAKE	None
Sisma Dir V+Z	LinStatic	Zero			Prog Det	QUAKE	None
Sisma Dir V-Z	LinStatic	Zero			Prog Det	QUAKE	None
IncrSisma su terre dir X	LinStatic	Zero			Prog Det	QUAKE	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		
Ricoprimento	Yes	Finished		
Spinta Terre	Yes	Finished		
Incr Spinta Terre	Yes	Finished		
Acqua interna	Yes	Finished		
Carico Mobile Q1	Yes	Finished		
Sisma Dir X	Yes	Finished		
Sisma Dir V+Z	Yes	Finished		
Sisma Dir V-Z	Yes	Finished		
IncrSisma su terre dir X	Yes	Finished		

Table: Load Pattern Definitions

Table: Load Pattern Definitions

LoadPat	DesignType	SelfWtMult	AutoLoad	GUID	Notes
DEAD	DEAD	1.000000			
Ricoprimento	LIVE	0.000000			
Spinta Terre	LIVE	0.000000			
Incr Spinta Terre	LIVE	0.000000			
Acqua interna	LIVE	0.000000			
Carico Mobile Q1	LIVE	0.000000			
Sisma Dir V+Z	QUAKE	0.000000			
Sisma Dir V-Z	QUAKE	0.000000			
IncrSisma su terre dir X	QUAKE	0.000000			
Sisma Dir X	QUAKE	0.000000			

Table: Objects And Elements - Frames

Table: Objects And Elements - Frames

FrameElem	FrameObject	ElemJtl	ElemJtJ
1-1	1	18	19
2-1	2	19	37
3-1	3	37	38
22-1	22	38	21
23-1	23	21	22
24-1	24	22	23
25-1	25	23	24
26-1	26	24	25
27-1	27	25	26
28-1	28	26	27
29-1	29	27	28

**Table: Objects And Elements - Frames**

FrameElem	FrameObject	ElemJtI	ElemJtJ
30-1	30	28	29
31-1	31	29	30
32-1	32	30	31
33-1	33	31	32
34-1	34	32	33
35-1	35	33	34
36-1	36	34	35
37-1	37	35	36
38-1	38	36	18

**Table: Objects And Elements - Joints****Table: Objects And Elements - Joints**

JointElem	JointObject	GlobalX m	GlobalY m	GlobalZ m
21	21	1.87500	0.00000	0.00000
22	22	1.62500	0.00000	0.00000
23	23	1.37500	0.00000	0.00000
24	24	1.12500	0.00000	0.00000
25	25	0.87500	0.00000	0.00000
26	26	0.62500	0.00000	0.00000
27	27	0.37500	0.00000	0.00000
28	28	0.12500	0.00000	0.00000
29	29	-0.12500	0.00000	0.00000
30	30	-0.37500	0.00000	0.00000
31	31	-0.62500	0.00000	0.00000
32	32	-0.87500	0.00000	0.00000
33	33	-1.12500	0.00000	0.00000
34	34	-1.37500	0.00000	0.00000
35	35	-1.62500	0.00000	0.00000
36	36	-1.87500	0.00000	0.00000
18	18	-2.20000	0.00000	0.00000
19	19	-2.20000	0.00000	1.90000
37	37	2.20000	0.00000	1.90000
38	38	2.20000	0.00000	0.00000