

ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
Π.Ε. ΞΑΝΘΗΣ
ΔΗΜΟΣ ΞΑΝΘΗΣ

ΕΡΓΟ:

ΑΠΟΚΑΤΑΣΤΑΣΕΙΣ ΥΠΟΔΟΜΩΝ ΔΗΜΟΤΙΚΗΣ
ΕΝΟΤΗΤΑΣ ΣΤΑΥΡΟΥΠΟΛΗΣ ΔΗΜΟΥ ΞΑΝΘΗΣ

ΥΠΟΕΡΓΟ Α': ΑΠΟΚΑΤΑΣΤΑΣΗ ΥΠΟΔΟΜΩΝ ΣΤΟΧΕ ΟΙΚΙΣΜΟΥΣ
ΔΑΦΝΟΝΑ, ΝΕΟΧΩΡΙΟΥ ΚΑΙ Μ. ΕΥΜΟΙΡΟΥ

ΜΕΛΕΤΗ:
ΣΤΑΤΙΚΗ

ΘΕΜΑ ΤΕΥΧΟΥΣ:

ΤΕΧΝΙΚΗ ΕΚΘΕΣΗ ΣΤΑΤΙΚΗΣ ΜΕΛΕΤΗΣ -
ΤΕΥΧΟΣ ΣΤΑΤΙΚΗΣ ΕΠΙΛΥΣΗΣ

Εγκρίθηκε με την αρ. 281/5.8.2022
απόφαση της Οικονομική
Επιτροπής Δήμου Ξάνθης.

ΗΜΕΡΟΜΗΝΙΑ: ΙΟΥΝΙΟΣ 2022

Ο ΣΥΝΤΑΞΑΣ

ΕΓΚΡΙΘΗΚΕ
Η ΔΙΕΥΘΥΝΤΡΙΑ
ΤΕΧΝΙΚΩΝ ΥΠΗΡΕΣΙΩΝ
Κ. ΚΑΡΑΘΕΩΔΩΡΗ Α.Ε.

ΞΑΝΘΗ, 4/08/2022

ΘΕΩΡΗΘΗΚΕ

Ως προς τις συμβατικές υποχρεώσεις της «ΚΑΡΑΘΕΩΔΩΡΗ Α.Ε.»
που απορρέουν από την 03.06.2022 ΠΣ και ως προς τα ελάχιστα
επίπεδα εμπειρίας των μελετητών

Η ΠΡΟΪΣΤΑΜΕΝΗ
ΤΗΣ Δ/ΝΣΗΣ ΤΕΧΝΙΚΩΝ ΥΠΗΡΕΣΙΩΝ ΔΗΜΟΥ ΞΑΝΘΗΣ

ΑΣΗΜΙΔΗΣ Ν. ΒΑΣΙΛΕΙΟΣ Κ. ΚΑΡΑΘΕΩΔΩΡΗ Α.Ε.
ΔΙΠΛ. ΠΟΛΙΤΙΚΟΣ ΜΗΧΑΝΙΚΟΣ Δ.Γ. ΤΟΠΙΚΗΣ ΑΥΤΟΔΙΟΙΚΗΣΗΣ ΑΝΩΝΥΜΗ ΕΤΑΙΡΕΙΑ
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ΒΑΣΙΛΕΙΟΣ ΑΣΗΜΙΔΗΣ
ΠΟΛΙΤΙΚΟΣ ΜΗΧΑΝΙΚΟΣ

ΑΙΚΑΤΕΡΙΝΗ ΠΑΠΑΓΙΑΝΝΑΚΗ
ΑΓΡΟΝΟΜΟΣ-ΤΟΠΟΓΡΑΦΟΣ
ΜΗΧΑΝΙΚΟΣ

ΑΙΚΑΤΕΡΙΝΗ ΜΑΝΑ
ΤΟΠΟΓΡΑΦΟΣ ΜΗΧΑΝΙΚΟΣ

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ΤΕΧΝΙΚΗ ΕΚΘΕΣΗ

ΤΕΧΝΙΚΗ ΕΚΘΕΣΗ

1. ΕΙΣΑΓΩΓΗ

Η παρούσα τεχνική έκθεση αφορά την οριστική μελέτη τριών τεχνικών επί της ΕΟ Δράμας – Ξάνθης κοντά στον οικισμό Νεοχώρι, ενός τεχνικού στον παρακείμενο οικισμό Δαφνώνα και ενός τοίχου αντιστήριξης στο Εύμοιρο.

2. ΔΙΑΜΟΡΦΩΣΗ ΤΕΧΝΙΚΩΝ

Για την γεφύρωση κάθε κοίτης προτείνεται κατασκευή τεχνικού υπερστατικού φορέα μορφής απλού ή διπλού κιβωτίου. Είναι δεδομένο ότι πρόκειται για την απλούστερη, λειτουργικότερη και οικονομικότερη λύση για την διαμόρφωση του φορέα του τεχνικού.

Τα πλεονεκτήματα που έχουμε με την εφαρμογή αυτού του δομικού συστήματος είναι:

- i) Η μη χρησιμοποίηση ελαστομεταλλικών εφεδράνων και αρμών καταστρώματος μειώνει σημαντικά τις δαπάνες επιθεώρησης και συντήρησης σε όλη την διάρκεια ζωής του έργου.
- ii) Τα μειωμένα στατικά ύψη που επιτυγχάνουμε με την εφαρμογή υπερστατικού δομικού συστήματος.

Θα εφαρμοστεί το ίδιο στατικό ύψος στην πλάκα καταστρώματος, στα βάθρα και στη πλάκα θεμελίωσης των τεχνικών.

Πριν και μετά το τεχνικό προβλέπεται η κατασκευή πλακών πρόσβασης πλάτους 4,00 μ και πάχους 0,30 μ. Οι πλάκες εδράζονται από την μία παρειά στο μεταβατικό επίχωμα και από την απέναντι παρειά σε ειδικό πρόβολο που εξέρχεται από την διατομή του κιβωτίου του τεχνικού.

Η θεμελίωση γίνεται με ενιαία πλάκα θεμελίωσης που στο τεχνικό του Δαφνώνα, καταλαμβάνει και την έκταση του καταβαθμού του τεχνικού.

3. ΦΑΣΕΙΣ ΚΑΤΑΣΚΕΥΗΣ

Η κατασκευή κάθε τεχνικού γίνεται με την σκυροδέτηση της θεμελίωσης, την σκυροδέτηση των βάθρων, των πτερυγοτοίχων και της πλάκας καταστρώματος. Τέλος πραγματοποιείται η κατασκευή της επένδυσης πυθμένα, των πεζοδρομίων, των πλακών πρόσβασης και του οδοστρώματος.

4. ΓΕΩΤΕΧΝΙΚΑ ΔΕΔΟΜΕΝΑ

Λαμβάνοντας υπ' όψιν τον τύπο της θεμελίωσης του τεχνικού (πλάκα θεμελίωσης), και τα μακροσκοπικά χαρακτηριστικά του εδάφους, αναμένουμε πολύ μικρές καθιζήσεις οπότε και οι διαφορικές καθιζήσεις παλαιού – νέου τεχνικού θα είναι ελάχιστες (μερικά χιλιοστά).

5. ΜΕΘΟΔΟΣ ΚΑΤΑΣΚΕΥΗΣ

Τα τεχνικά θα κατασκευαστούν με επί τόπου σκυρόδεμα και θα χρησιμοποιηθούν συνήθεις ξυλότυποι με ικριώματα βαρέως τύπου.

6. ΥΛΙΚΑ ΚΑΤΑΣΚΕΥΗΣ

Το οπλισμένο σκυρόδεμα όλων των οπλισμένων δομικών στοιχείων (κιβώτιο, πτερυγότοιχοι, πεζοδρόμια και πλάκες πρόσβασης) θα είναι κατηγορίας C30/37. Το σκυρόδεμα επικλίσεων θα είναι κατηγορίας C30/37. Οι στρώσεις καθαριότητας και οι πλάκες έδρασης των στραγγιστηρίων θα κατασκευαστούν με άοπλο σκυρόδεμα C12/15. Ο χάλυβας οπλισμών θα είναι κατηγορίας S500c.

Όλες οι επιφάνειες των βάθρων, των πτερυγοτοιχών, των πλακών πρόσβασης που έρχονται σε επαφή με το έδαφος προστατεύονται με διπλή ασφαλική επάλειψη.

Οι εμφανείς επιφάνειες του τεχνικού προβλέπεται να καλυφτούν με αντιρρυπαντική βαφή.

Όλες οι εμφανείς επιφάνειες προτείνεται να μορφωθούν σαν τύπου «Γ».

7. ΕΠΙΘΕΩΡΗΣΗ-ΣΥΝΤΗΡΗΣΗ

Κατά την επιθεώρηση κάθε τεχνικού πρέπει να ελέγχονται σχολαστικά και κατά προτεραιότητα τα σημεία εκείνα τα οποία, εκτός από τα προβλήματα που μπορούν να προκαλέσουν στο ίδιο το τεχνικό επηρεάζουν άμεσα την ασφάλεια της διερχόμενης κυκλοφορίας. Τα σημεία αυτά είναι:

α) Τα κιγκλιδώματα

β) Το οδόστρωμα κατά μήκος του τεχνικού, κυρίως στην περιοχή των προσβάσεων

Για την ασφάλεια και την διάρκεια ζωής του ίδιου του τεχνικού θα πρέπει να ελέγχονται οπτικά οι επιφάνειες του σκυροδέματος για τυχόν βλάβες, τα επιχώματα στην περιοχή των ακροβάθρων και γενικότερα οτιδήποτε μπορεί να επηρεάσει άμεσα ή έμμεσα το τεχνικό.

Ο ΣΥΝΤΑΞΑΣ



ΠΙΝΑΚΕΣ ΧΑΡΑΞΗΣ

ΣΤΑΤΙΚΟΙ ΥΠΟΛΟΓΙΣΜΟΙ

ΠΑΡΑΔΟΧΕΣ ΜΕΛΕΤΗΣ

A. ΚΑΝΟΝΙΣΜΟΙ

- Γέφυρες από σκυρόδεμα – DIN-Fachbericht 102
(Οδηγίες για την εφαρμογή των Κανονισμών DIN- FB στην Ελλάδα)
- Φορτία με βάση το DIN-Fachbericht 101
(Οδηγίες για την εφαρμογή των Κανονισμών DIN- FB στην Ελλάδα)
- ΟΑΜΓ-FB
«Οδηγίες για την Αντισεισμική μελέτη γεφυρών σε συνδυασμό με τους Κανονισμούς DIN- FB».
- Ο.Μ.Ο.Ε.
(Τεύχος τεχνικών έργων)
- Ο.Σ.Μ.Ε.Ο.

B. ΚΛΑΣΗ ΦΟΡΤΙΣΗΣ

- Π.Φ.1 (DIN-Fachbericht 101)

Γ. ΥΛΙΚΑ

- Σκυρόδεμα καθαριότητας, διαμόρφωσης κλίσεως : C12/15
- Οπλισμένο σκυρόδεμα : C30/37
- Χάλυβας οπλισμού : S 500c

Δ. ΠΑΡΑΔΟΧΕΣ

- Ίδιο βάρος οπλισμένου σκυροδέματος : 25.00 KN/m³
- Ίδιο βάρος απόπλου σκυροδέματος : 24.00 KN/m³
- Ίδιο βάρος γαιών : 20.00 KN/m³
- Γωνία εσωτερικής τριβής γαιών-επιχώματος : 30°
- Γωνία τριβής γαιών/τοίχου επιχώματος : 0°
- Συνοχή εδάφους επιχώματος : C=0
- Δείκτης εδάφους : 25000 KN/m³
- Σεισμική ζώνη : II
- Σεισμική επιτάχυνση εδάφους : 0,24
- Επικινδυνότητα εδάφους : B
- Συντελεστής σπουδαιότητας : $\gamma_1 = 1.00$
- Συντελεστής σεισμικής συμπεριφοράς : $q = 1.00$
- Συντελεστής θεμελίωσης : $\theta = 1.00$
- Επικάλυψη οπλισμών γενικά : 4 cm (Ελάχιστη)
- Επικάλυψη οπλισμών στοιχείων σε επαφή με έδαφος : 5 cm (Ελάχιστη)

ΣΥΝΘΕΣΗ ΣΚΥΡΟΔΕΜΑΤΟΣ

XD1 - C30/37 Αντλήσιμο , Πυκνότητα 2.400kg/m^3

Max N/T - 0,55

Min τσιμέντο 330kg/m^3

Min επικάλυψη 35-40mm.

Μέγιστη περιεκτικότητα χλωριόντων 0,40% της μάζας του τσιμέντου

Τύπος τσιμέντου I ή II

Μέγιστος κόκκος αδρανών 63mm

Κάθιση - Θεμελίωση S2 (5-9cm)

- Λοιπές φορές S3 (10-15cm)

Πρόσθετα επιβραδυνσης 0,2-0,3% κατά βάρος του τσιμέντου

Μέγιστη παραμονή 2 ώρες με επιβραδυντικό ή 1,30 χωρίς επιβραδυντικό

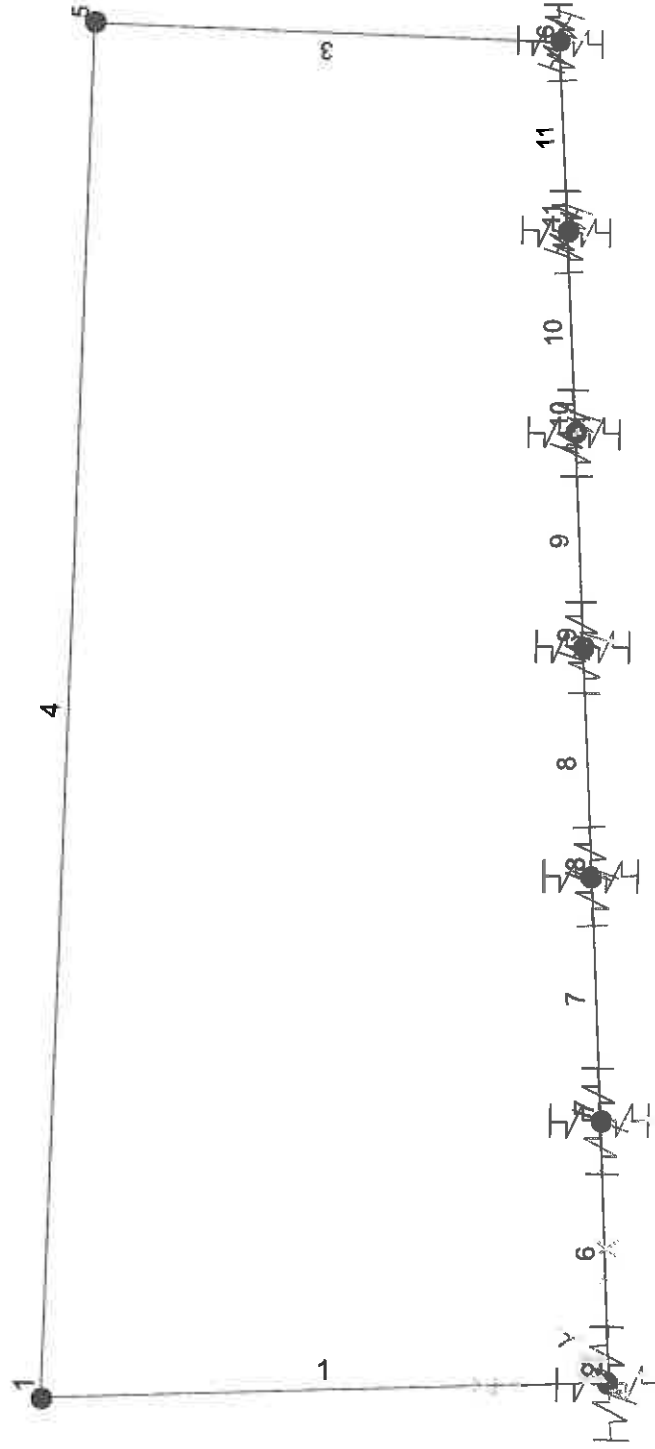
Υπερρευστοποιητικό 0,50-0,80%

Υποχρεωτική η χρήση του καταγραφικού τύπου για έλεγχο αναλογιών των υλικών

Υποχρεωτική η συμπλήρωση του εντύπου παραλαβής σκυροδέματος

Θερμοκρασία σκυροδέματος $5-38^{\circ}\text{C}$

Υποχρεωτική η Λήψη Δοκιμίων 6 δοκίμια /150 κ.μ. σκυροδέτησης και μεταφορά σε υγρό θάλαμο εντός 20-32 ωρών για 28 ημέρες.



ΦΟΡΤΙΑ ΥΠΟΛΟΓΙΣΜΟΥ ΤΕΧΝΙΚΟΥ R1
(DIN – Fachbericht 101)

- 1) Ιδίο βάρος οπλισμένου σκυροδέματος
(Εφαρμόζεται στην πλάκα καταστρώματος και στα βόθρα) 25,00 KN/m3

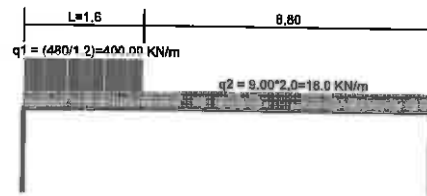
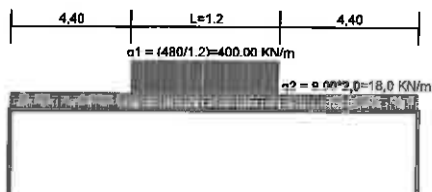
- 2) Πρόσθετα Μόνιμα
Ιδίο βάρος άοπλου σκυροδέματος 24,00 KN/m3
Μέσο πάχος στρώσης 0,08 m
2,16 KN/m2

- Ιδίο βάρος ασφαλικών στρώσεων 24,00 KN/m3
Συνολικό πάχος ασφαλικού 0,1 m
2,40 KN/m2

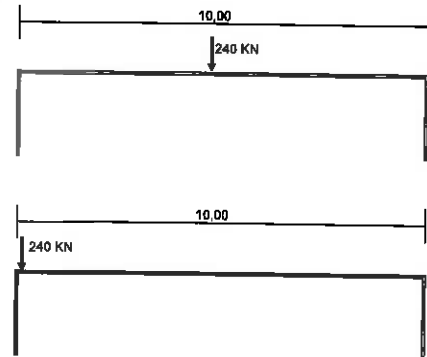
- Συνολικό πρόσθετο μόνιμο 4,56 KN/m2

3Α) Προσμοίωμα φόρτισης 1 (ΠΦ1)

- Ανοιγμα 10,00 m
Πλάτος φόρτισης 2,40 m
Μήκος σχήματος 1,20 m
Φορτία σχήματος 480 KN



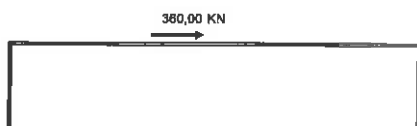
4) Προσμοίωμα φόρτισης 2 (ΠΦ2)



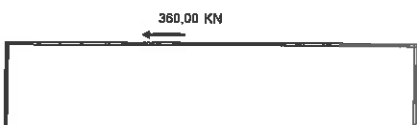
- 5) Τροχοπέδηση +
Συνολικό μήκος τεχνικού L= 12,00 m

Συνολική δύναμη τροχοπέδησης
 $Q_{lk} = 0.8 \cdot (a \cdot Q_l) \cdot (2 \cdot Q_{lk}) + 0.10 \cdot a \cdot q_l \cdot w_l \cdot L = 360.00 \leq 360.00 \text{ KN} \leq 900$

- $a \cdot Q_l = 1.00$
 $Q_{lk} = 240.00 \text{ KN}$
 $a \cdot q_l = 1.00$
 $q_{lk} = 9.00 \text{ KN/m}^2$
 $w_l = 3.00 \text{ m}$



6) Τροχοπέδηση -



7) Θερμοκρασιακή μεταβολή -

- Ελάχιστη θερμοκρασία υπό σκιά -20,00 °C
Μέγιστη θερμοκρασία υπό σκιά 45,00 °C
 $T_{min} = -13,00 \text{ °C}$
 $T_{max} = 45,00 \text{ °C}$
 $T_o = 15,00 \text{ °C}$
 $\Delta T_{N,neg} = -28,00 \text{ °C}$
 $\alpha t = 10^{-5} \rightarrow \Delta L = -0,00028$

8) Θερμοκρασιακή μεταβολή +

$\Delta T_{N,pos} = 30,00 \text{ °C}$
 $\alpha t = 10^{-5} \rightarrow \Delta L = 0,00030$

9) Διαφορική θερμοκρασιακή μεταβολή -
(Κάτω πλευρά πιο θερμή)

Πάχος φαρδιά = 1,00 m
 $\Delta T_{M,neg} = -8,00 \text{ °C}$
Καμπυλότητα = $-8,00 \cdot (10^{-5} \cdot 5 \cdot h) = -0,000080$

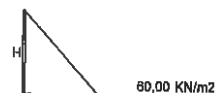
10) Διαφορική θερμοκρασιακή μεταβολή +
(Άνω πλευρά πιο θερμή)

Πάχος επίστρωσης (0, 50, 80, 100, 150, 300 mm) = 100 mm
Συντελεστής επιρροής = 0,70
 $\Delta T_{M,pos} = 10,50 \text{ °C}$
Καμπυλότητα = $10,50 \cdot (10^{-5} \cdot 5 \cdot h) = 0,000105$

11) Ωθήσεις γαιών ηρεμίας
 $\varphi = 30^\circ \rightarrow K_o = 1 - \sin \varphi = 0,5$

Ύψος εφαρμογής H = 6,00 m
Ειδικό βάρος εδάφους γ = 20,00 KN/m3

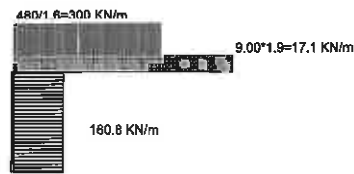
Αναπτυσσόμενες ωθήσεις = $K_o \cdot H \cdot \gamma =$



12) Κινητή πίσω από ακρόβαθρο -

$$q1^*K_0 + q2^*K_0 =$$

160,80 KN/m



13) Κινητή πίσω από ακρόβαθρο +

-158,55 KN/m

14) Σεισμός στα μόνιμα φορτία και στα φορτία κυκλοφορίας+

Μόνιμα φορτία
Πάχος βόθρων
Αριθμός βόθρων

1,00 m
2

Σεισμικός συντελεστής
Συντελεστής σπουδαιότητας
Συντελεστής θεμελίωσης
 $\beta_0 =$
 $\alpha =$

0,24
1,00
1,00
2,50
0,60

Σεισμικό φορτίο
Ανωδομή
Βόθρα
Πλάτος φόρτισης
Ανωδομή
Βόθρα

15 KN/m2
15,00 KN/m2
2,40 m
36,00 KN/m
36,00 KN/m

Πρόσθετα μόνιμα
Συνολικό πρόσθετο μόνιμο
Σεισμικά φορτία
Πλάτος φόρτισης
Ανωδομή

4,56 KN/m2
2,74 KN/m2
2,40 m
6,57 KN/m

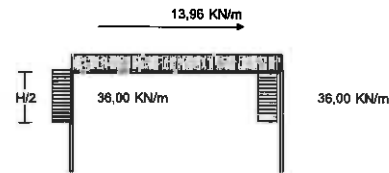
Κινητά φορτία

Αναγωγή κύριοι σχήματος σε καταμετρημένο φορτίο x 0.2
Λοιπά καταμετρημένο φορτίο x 0.2

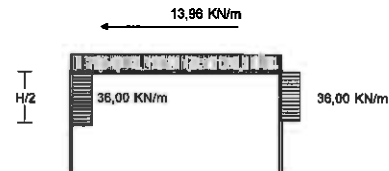
8,00 KN/m
4,32 KN/m

Άθροισμα γραμμικών φορτίων ανωδομής

12,32 KN/m



15) Σεισμός στα μόνιμα φορτία και στα φορτία κυκλοφορίας-



16) Ωθήσεις σεισμού αντίθετες

Τοίχοι πρακτικώς αμετακίνητοι

$$\sigma_1 = 0,5^* \alpha^* \gamma^* H^2 \cdot 2,4 = 34,56 \text{ KN/m}$$

$$\sigma_2 = 1,5^* \alpha^* \gamma^* H^2 \cdot 2,4 = 103,68 \text{ KN/m}$$



17) Ωθήσεις σεισμού ομόφορες +

Τοίχοι με περιορισμένη δυνατότητα μετακίνησης
 $\sigma_1 = 0,75^* \alpha^* \gamma^* H^2 \cdot 2,4 = 51,84 \text{ KN/m}$



18) Ωθήσεις σεισμού ομόφορες -



foreas.sdb

Table: Element Forces - Frames, Part 1 of 3

Frame	Node	Element	CaseType	DispType	DispCase	U	V1	V2
1	0	DEAD	LinStatic			-701.257	-23.738	0
1	2,0547	DEAD	LinStatic			-840.758	-23.738	0
1	4,1094	DEAD	LinStatic			-1180.278	-23.738	0
1	0	MODAL	LinModal	Mode	1	3,634E-09	2,167E-09	993.798
1	2,0547	MODAL	LinModal	Mode	1	3,634E-09	2,167E-09	993.798
1	4,1094	MODAL	LinModal	Mode	1	3,634E-09	2,167E-09	993.798
1	0	MODAL	LinModal	Mode	2	-3,002E-09	2,459E-09	-3,004E-09
1	2,0547	MODAL	LinModal	Mode	2	-3,002E-09	2,459E-09	-3,004E-09
1	4,1094	MODAL	LinModal	Mode	2	-3,002E-09	2,459E-09	-3,004E-09
1	0	MODAL	LinModal	Mode	3	1,918E-07	1,026E-07	-3200.693
1	2,0547	MODAL	LinModal	Mode	3	1,918E-07	1,026E-07	-3200.693
1	4,1094	MODAL	LinModal	Mode	3	1,918E-07	1,026E-07	-3200.693
1	0	MODAL	LinModal	Mode	4	-4,487E-07	-2,184E-07	3,851E-12
1	2,0547	MODAL	LinModal	Mode	4	-4,487E-07	-2,184E-07	3,851E-12
1	4,1094	MODAL	LinModal	Mode	4	-4,487E-07	-2,184E-07	3,851E-12
1	0	MODAL	LinModal	Mode	5	3,584E-07	5,005E-07	-1,731E-12
1	2,0547	MODAL	LinModal	Mode	5	3,584E-07	5,005E-07	-1,731E-12
1	4,1094	MODAL	LinModal	Mode	5	3,584E-07	5,005E-07	-1,731E-12
1	0	MODAL	LinModal	Mode	6	-7,822E-12	2,241E-12	1,122E-203
1	2,0547	MODAL	LinModal	Mode	6	-7,822E-12	2,241E-12	1,122E-203
1	4,1094	MODAL	LinModal	Mode	6	-7,822E-12	2,241E-12	1,122E-203
1	0	MODAL	LinModal	Mode	7	-3,351E-07	-3,352E-07	-5,787E-13
1	2,0547	MODAL	LinModal	Mode	7	-3,351E-07	-3,352E-07	-5,787E-13
1	4,1094	MODAL	LinModal	Mode	7	-3,351E-07	-3,352E-07	-5,787E-13
1	0	MODAL	LinModal	Mode	8	-8,953E-12	-2,058E-12	-2,084E-689
1	2,0547	MODAL	LinModal	Mode	8	-8,953E-12	-2,058E-12	-2,084E-689
1	4,1094	MODAL	LinModal	Mode	8	-8,953E-12	-2,058E-12	-2,084E-689
1	0	MODAL	LinModal	Mode	9	4,480E-234	2,845E-237	1,482E-12
1	2,0547	MODAL	LinModal	Mode	9	4,480E-234	2,845E-237	1,482E-12
1	4,1094	MODAL	LinModal	Mode	9	4,480E-234	2,845E-237	1,482E-12
1	0	MODAL	LinModal	Mode	10	7,733E-11	5,441E-12	-1,185E-901
1	2,0547	MODAL	LinModal	Mode	10	7,733E-11	5,441E-12	-1,185E-901
1	4,1094	MODAL	LinModal	Mode	10	7,733E-11	5,441E-12	-1,185E-901
1	0	MODAL	LinModal	Mode	11	-1,955E-219	-7,110E-883	1,477E-12
1	2,0547	MODAL	LinModal	Mode	11	-1,955E-219	-7,110E-883	1,477E-12
1	4,1094	MODAL	LinModal	Mode	11	-1,955E-219	-7,110E-883	1,477E-12
1	0	MODAL	LinModal	Mode	12	-2,536E-25	16,127E-794	2,577E-11
1	2,0547	MODAL	LinModal	Mode	12	-2,536E-25	16,127E-794	2,577E-11
1	4,1094	MODAL	LinModal	Mode	12	-2,536E-25	16,127E-794	2,577E-11
1	0	LIVE	LinStatic			-358.8	84.54	0
1	2,0547	LIVE	LinStatic			-358.8	84.54	0
1	4,1094	LIVE	LinStatic			-358.8	84.54	0
1	0	DCOM1	Combination			-948.698	-32.046	0
1	2,0547	DCOM1	Combination			-1270.037	-32.046	0
1	4,1094	DCOM1	Combination			-1583.375	-32.046	0
1	0	DCOM2	Combination			-1484.898	84.764	0
1	2,0547	DCOM2	Combination			-1708.237	84.764	0
1	4,1094	DCOM2	Combination			-2131.575	84.764	0
3	0	DEAD	LinStatic			-701.258	2,777E-11	0
3	2,0547	DEAD	LinStatic			-840.757	2,777E-11	0
3	4,1094	DEAD	LinStatic			-1180.277	2,777E-11	0
3	0	MODAL	LinModal	Mode	1	-4,115E-09	2,541E-10	993.794
3	2,0547	MODAL	LinModal	Mode	1	-4,115E-09	2,541E-10	993.794

Frame	Station	OutputCase	CaseType	StepType	StepNum	P KN	VZ KN	U1	U2	U3
3	4.10994	MODAL	LinModal	Mode	1	-4.116E-09	2.541E-10	993.784		
3	0	MODAL	LinModal	Mode	2	3002.944	2499.289	3.411E-09		
3	2.05497	MODAL	LinModal	Mode	2	3002.944	2499.289	3.411E-09		
3	4.10994	MODAL	LinModal	Mode	2	3002.944	2499.289	3.411E-09		
3	0	MODAL	LinModal	Mode	3	-2.230E-07	1.677E-08	3200.657		
3	2.05497	MODAL	LinModal	Mode	3	-2.230E-07	1.677E-08	3200.657		
3	4.10994	MODAL	LinModal	Mode	3	-2.230E-07	1.677E-08	3200.657		
3	0	MODAL	LinModal	Mode	4	-6487.869	2185.287	-3.475E-12		
3	2.05497	MODAL	LinModal	Mode	4	-6487.869	2185.287	-3.475E-12		
3	4.10994	MODAL	LinModal	Mode	4	-6487.869	2185.287	-3.475E-12		
3	0	MODAL	LinModal	Mode	5	-3583.683	5005.343	1.881E-12		
3	2.05497	MODAL	LinModal	Mode	5	-3583.683	5005.343	1.881E-12		
3	4.10994	MODAL	LinModal	Mode	5	-3583.683	5005.343	1.881E-12		
3	0	MODAL	LinModal	Mode	6	-6.882E-11	-1.154E-13	1126.573		
3	2.05497	MODAL	LinModal	Mode	6	-6.882E-11	-1.154E-13	1126.573		
3	4.10994	MODAL	LinModal	Mode	6	-6.882E-11	-1.154E-13	1126.573		
3	0	MODAL	LinModal	Mode	7	3381.286	-3382.477	3.475E-13		
3	2.05497	MODAL	LinModal	Mode	7	3381.286	-3382.477	3.475E-13		
3	4.10994	MODAL	LinModal	Mode	7	3381.286	-3382.477	3.475E-13		
3	0	MODAL	LinModal	Mode	8	1.451E-11	-4.818E-12	23094.831		
3	2.05497	MODAL	LinModal	Mode	8	1.451E-11	-4.818E-12	23094.831		
3	4.10994	MODAL	LinModal	Mode	8	1.451E-11	-4.818E-12	23094.831		
3	0	MODAL	LinModal	Mode	9	1.451E-11	-4.818E-12	23094.831		
3	2.05497	MODAL	LinModal	Mode	9	1.451E-11	-4.818E-12	23094.831		
3	4.10994	MODAL	LinModal	Mode	9	1.451E-11	-4.818E-12	23094.831		
3	0	MODAL	LinModal	Mode	10	-1.247E-10	5.125E-12	-1188.798		
3	2.05497	MODAL	LinModal	Mode	10	-1.247E-10	5.125E-12	-1188.798		
3	4.10994	MODAL	LinModal	Mode	10	-1.247E-10	5.125E-12	-1188.798		
3	0	MODAL	LinModal	Mode	11	1.86980,074	-71108,723	-1.583E-12		
3	2.05497	MODAL	LinModal	Mode	11	1.86980,074	-71108,723	-1.583E-12		
3	4.10994	MODAL	LinModal	Mode	11	1.86980,074	-71108,723	-1.583E-12		
3	0	MODAL	LinModal	Mode	12	-2933,877	-18128,089	-2.643E-11		
3	2.05497	MODAL	LinModal	Mode	12	-2933,877	-18128,089	-2.643E-11		
3	4.10994	MODAL	LinModal	Mode	12	-2933,877	-18128,089	-2.643E-11		
3	0	LIVE	LinStatic			-358,0	-84,54	0		
3	2.05497	LIVE	LinStatic			-358,0	-84,54	0		
3	4.10994	LIVE	LinStatic			-358,0	-84,54	0		
3	0	DCON1	Combination			-946,689	32,046	0		
3	2.05497	DCON1	Combination			-946,689	32,046	0		
3	4.10994	DCON1	Combination			-946,689	32,046	0		
3	0	DCON2	Combination			-1563,374	32,046	0		
3	2.05497	DCON2	Combination			-1563,374	32,046	0		
3	4.10994	DCON2	Combination			-1563,374	32,046	0		
4	0	DEAD	LinStatic			23,738	-701,259	0		
4	1, DEAD	LinStatic				23,738	-637,828	0		
4	1,5 DEAD	LinStatic				23,738	-610,005	0		
4	2, DEAD	LinStatic				23,738	-448,273	0		
4	2,5 DEAD	LinStatic				23,738	-382,495	0		
4	3, DEAD	LinStatic				23,738	-316,754	0		
4	3,5 DEAD	LinStatic				23,738	-250,999	0		
4	4, DEAD	LinStatic				23,738	-185,233	0		
4	4,5 DEAD	LinStatic				23,738	-119,467	0		
4	5, DEAD	LinStatic				23,738	-53,701	0		

Frame	Station	OutputCase	CaseType	StepType	StepNum	P KN	VZ KN	U1	U2	U3
4	5,5 DEAD	LinStatic				23,738	-4,105E-04	0		
4	6, DEAD	LinStatic				23,738	63,75	0		
4	6,5 DEAD	LinStatic				23,738	127,501	0		
4	7, DEAD	LinStatic				23,738	191,252	0		
4	7,5 DEAD	LinStatic				23,738	255,003	0		
4	8, DEAD	LinStatic				23,738	318,753	0		
4	8,5 DEAD	LinStatic				23,738	382,504	0		
4	9, DEAD	LinStatic				23,738	446,255	0		
4	9,5 DEAD	LinStatic				23,738	510,006	0		
4	10, DEAD	LinStatic				23,738	573,757	0		
4	10,5 DEAD	LinStatic				23,738	637,507	0		
4	11, DEAD	LinStatic				23,738	701,258	0		
4	0	MODAL	LinModal	Mode	1	3,023E-10	-3,516E-10	-3,573E-03		
4	0,5 MODAL	LinModal	Mode	1	3,023E-10	-3,516E-10	-3,573E-03			
4	1, MODAL	LinModal	Mode	1	3,023E-10	-3,516E-10	-3,573E-03			
4	1,5 MODAL	LinModal	Mode	1	3,023E-10	-3,516E-10	-3,573E-03			
4	2, MODAL	LinModal	Mode	1	3,023E-10	-3,516E-10	-3,573E-03			
4	2,5 MODAL	LinModal	Mode	1	3,023E-10	-3,516E-10	-3,573E-03			
4	3, MODAL	LinModal	Mode	1	3,023E-10	-3,516E-10	-3,573E-03			
4	3,5 MODAL	LinModal	Mode	1	3,023E-10	-3,516E-10	-3,573E-03			
4	4, MODAL	LinModal	Mode	1	3,023E-10	-3,516E-10	-3,573E-03			
4	4,5 MODAL	LinModal	Mode	1	3,023E-10	-3,516E-10	-3,573E-03			
4	5, MODAL	LinModal	Mode	1	3,023E-10	-3,516E-10	-3,573E-03			
4	5,5 MODAL	LinModal	Mode	1	3,023E-10	-3,516E-10	-3,573E-03			
4	6, MODAL	LinModal	Mode	1	3,023E-10	-3,516E-10	-3,573E-03			
4	6,5 MODAL	LinModal	Mode	1	3,023E-10	-3,516E-10	-3,573E-03			
4	7, MODAL	LinModal	Mode	1	3,023E-10	-3,516E-10	-3,573E-03			
4	7,5 MODAL	LinModal	Mode	1	3,023E-10	-3,516E-10	-3,573E-03			
4	8, MODAL	LinModal	Mode	1	3,023E-10	-3,516E-10	-3,573E-03			
4	8,5 MODAL	LinModal	Mode	1	3,023E-10	-3,516E-10	-3,573E-03			
4	9, MODAL	LinModal	Mode	1	3,023E-10	-3,516E-10	-3,573E-03			
4	9,5 MODAL	LinModal	Mode	1	3,023E-10	-3,516E-10	-3,573E-03			
4	10, MODAL	LinModal	Mode	1	3,023E-10	-3,516E-10	-3,573E-03			
4	10,5 MODAL	LinModal	Mode	1	3,023E-10	-3,516E-10	-3,573E-03			
4	11, MODAL	LinModal	Mode	1	3,023E-10	-3,516E-10	-3,573E-03			
4	0	MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08		
4	0,5 MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08			
4	1, MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08			
4	1,5 MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08			
4	2, MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08			
4	2,5 MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08			
4	3, MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08			
4	3,5 MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08			
4	4, MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08			
4	4,5 MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08			
4	5, MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08			
4	5,5 MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08			
4	6, MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08			
4	6,5 MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08			
4	7, MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08			
4	7,5 MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08			
4	8, MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08			
4	8,5 MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08			
4	9, MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08			
4	9,5 MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08			
4	10, MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08			
4	10,5 MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08			
4	11, MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08			

Table: Element Forces - Frames, Part 1 of 3									
Frame	Station	OutputCase	CaseType	StepType	StepNum	P	VZ	U1	U2
						KN	KN	CM	CM
4	9,5	MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08	
4	10	MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08	
4	10,5	MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08	
4	11	MODAL	LinModal	Mode	2	-0,037	-989,919	-1,053E-08	
4	0	MODAL	LinModal	Mode	3	0,352E-09	-1,783E-08	-975,459	
4	0,5	MODAL	LinModal	Mode	3	0,352E-09	-1,783E-08	-975,459	
4	1	MODAL	LinModal	Mode	3	0,352E-09	-1,783E-08	-975,459	
4	1,5	MODAL	LinModal	Mode	3	0,352E-09	-1,783E-08	-975,459	
4	2	MODAL	LinModal	Mode	3	0,352E-09	-1,783E-08	-975,459	
4	2,5	MODAL	LinModal	Mode	3	0,352E-09	-1,783E-08	-975,459	
4	3	MODAL	LinModal	Mode	3	0,352E-09	-1,783E-08	-975,459	
4	3,5	MODAL	LinModal	Mode	3	0,352E-09	-1,783E-08	-975,459	
4	4	MODAL	LinModal	Mode	3	0,352E-09	-1,783E-08	-975,459	
4	4,5	MODAL	LinModal	Mode	3	0,352E-09	-1,783E-08	-975,459	
4	5	MODAL	LinModal	Mode	3	0,352E-09	-1,783E-08	-975,459	
4	5,5	MODAL	LinModal	Mode	3	0,352E-09	-1,783E-08	-975,459	
4	6	MODAL	LinModal	Mode	3	0,352E-09	-1,783E-08	-975,459	
4	6,5	MODAL	LinModal	Mode	3	0,352E-09	-1,783E-08	-975,459	
4	7	MODAL	LinModal	Mode	3	0,352E-09	-1,783E-08	-975,459	
4	7,5	MODAL	LinModal	Mode	3	0,352E-09	-1,783E-08	-975,459	
4	8	MODAL	LinModal	Mode	3	0,352E-09	-1,783E-08	-975,459	
4	8,5	MODAL	LinModal	Mode	3	0,352E-09	-1,783E-08	-975,459	
4	9	MODAL	LinModal	Mode	3	0,352E-09	-1,783E-08	-975,459	
4	9,5	MODAL	LinModal	Mode	3	0,352E-09	-1,783E-08	-975,459	
4	10	MODAL	LinModal	Mode	3	0,352E-09	-1,783E-08	-975,459	
4	10,5	MODAL	LinModal	Mode	3	0,352E-09	-1,783E-08	-975,459	
4	11	MODAL	LinModal	Mode	3	0,352E-09	-1,783E-08	-975,459	
4	0	MODAL	LinModal	Mode	4	2,201E-09	-0,115	1,124E-12	
4	0,5	MODAL	LinModal	Mode	4	2,201E-09	-0,115	1,124E-12	
4	1	MODAL	LinModal	Mode	4	2,201E-09	-0,115	1,124E-12	
4	1,5	MODAL	LinModal	Mode	4	2,201E-09	-0,115	1,124E-12	
4	2	MODAL	LinModal	Mode	4	2,201E-09	-0,115	1,124E-12	
4	2,5	MODAL	LinModal	Mode	4	2,201E-09	-0,115	1,124E-12	
4	3	MODAL	LinModal	Mode	4	2,201E-09	-0,115	1,124E-12	
4	3,5	MODAL	LinModal	Mode	4	2,201E-09	-0,115	1,124E-12	
4	4	MODAL	LinModal	Mode	4	2,201E-09	-0,115	1,124E-12	
4	4,5	MODAL	LinModal	Mode	4	2,201E-09	-0,115	1,124E-12	
4	5	MODAL	LinModal	Mode	4	2,201E-09	-0,115	1,124E-12	
4	5,5	MODAL	LinModal	Mode	4	2,201E-09	-0,115	1,124E-12	
4	6	MODAL	LinModal	Mode	4	2,201E-09	-0,115	1,124E-12	
4	6,5	MODAL	LinModal	Mode	4	2,201E-09	-0,115	1,124E-12	
4	7	MODAL	LinModal	Mode	4	2,201E-09	-0,115	1,124E-12	
4	7,5	MODAL	LinModal	Mode	4	2,201E-09	-0,115	1,124E-12	
4	8	MODAL	LinModal	Mode	4	2,201E-09	-0,115	1,124E-12	
4	8,5	MODAL	LinModal	Mode	4	2,201E-09	-0,115	1,124E-12	
4	9	MODAL	LinModal	Mode	4	2,201E-09	-0,115	1,124E-12	
4	9,5	MODAL	LinModal	Mode	4	2,201E-09	-0,115	1,124E-12	
4	10	MODAL	LinModal	Mode	4	2,201E-09	-0,115	1,124E-12	
4	10,5	MODAL	LinModal	Mode	4	2,201E-09	-0,115	1,124E-12	
4	11	MODAL	LinModal	Mode	4	2,201E-09	-0,115	1,124E-12	
4	0	MODAL	LinModal	Mode	5	-0,102	-1819,878	-7,142E-13	
4	0,5	MODAL	LinModal	Mode	5	-0,102	-1819,878	-7,142E-13	
4	1	MODAL	LinModal	Mode	5	-0,102	-1819,878	-7,142E-13	
4	1,5	MODAL	LinModal	Mode	5	-0,102	-1819,878	-7,142E-13	

Table: Element Factors - Frames, Part 1 of 3											
Frame	Station	Description	Class Type	Type	Type	Support		V		V	
						KN	KN	KN	KN	KN	KN
8	0.1533	MODAL	LinModal	Mode	4	-2181.183	5087.371	-2.527E-12			
8	0.19685	MODAL	LinModal	Mode	4	-2181.183	5083.371	-2.527E-12			
8	0.137498	MODAL	LinModal	Mode	4	-2181.183	5083.371	-2.527E-12			
8	1.8333	MODAL	LinModal	Mode	4	-2181.183	5083.371	-2.527E-12			
8	0	MODAL	LinModal	Mode	5	4307.671	-3035.211	-1.388E-11			
8	0.45833	MODAL	LinModal	Mode	5	4307.671	-3035.211	-1.388E-11			
8	0.191165	MODAL	LinModal	Mode	5	4307.671	-3035.211	-1.388E-11			
8	1.37498	MODAL	LinModal	Mode	5	4307.671	-3035.211	-1.388E-11			
8	1.8333	MODAL	LinModal	Mode	5	4307.671	-3035.211	-1.387E-11			
8	0	MODAL	LinModal	Mode	6	-2.121E-10	-6.544E-12	-1.339E-04			
8	0.45833	MODAL	LinModal	Mode	6	-2.121E-10	-6.544E-12	-1.339E-04			
8	0.191685	MODAL	LinModal	Mode	6	-2.121E-10	-6.544E-12	-1.339E-04			
8	1.37498	MODAL	LinModal	Mode	6	-2.121E-10	-6.544E-12	-1.339E-04			
8	1.8333	MODAL	LinModal	Mode	6	-2.121E-10	-6.544E-12	-1.339E-04			
8	0	MODAL	LinModal	Mode	7	-1819.018	8325.688	3.857E-11			
8	0.45833	MODAL	LinModal	Mode	7	-1819.018	8325.688	3.857E-11			
8	0.191165	MODAL	LinModal	Mode	7	-1819.018	8325.688	3.857E-11			
8	1.37498	MODAL	LinModal	Mode	7	-1819.018	8325.688	3.857E-11			
8	1.8333	MODAL	LinModal	Mode	7	-1819.018	8325.688	3.857E-11			
8	0	MODAL	LinModal	Mode	8	1.732E-11	8.734E-12	602.188			
8	0.45833	MODAL	LinModal	Mode	8	1.732E-11	8.734E-12	602.188			
8	0.191685	MODAL	LinModal	Mode	8	1.732E-11	8.734E-12	602.188			
8	1.37498	MODAL	LinModal	Mode	8	1.732E-11	8.734E-12	602.188			
8	1.8333	MODAL	LinModal	Mode	8	1.732E-11	8.734E-12	602.188			
8	0	MODAL	LinModal	Mode	9	29485.608	-90085.79	-1.980E-12			
8	0.45833	MODAL	LinModal	Mode	9	29485.608	-90085.79	-1.980E-12			
8	0.191685	MODAL	LinModal	Mode	9	29485.608	-90085.79	-1.980E-12			
8	1.37498	MODAL	LinModal	Mode	9	29485.608	-90085.79	-1.980E-12			
8	1.8333	MODAL	LinModal	Mode	9	29485.608	-90085.79	-1.980E-12			
8	0	MODAL	LinModal	Mode	10	-3.245E-10	-1.558E-11	1.01999,917			
8	0.45833	MODAL	LinModal	Mode	10	-3.245E-10	-1.558E-11	1.01999,917			
8	0.191685	MODAL	LinModal	Mode	10	-3.245E-10	-1.558E-11	1.01999,917			
8	1.37498	MODAL	LinModal	Mode	10	-3.245E-10	-1.558E-11	1.01999,917			
8	1.8333	MODAL	LinModal	Mode	10	-3.245E-10	-1.558E-11	1.01999,917			
8	0	MODAL	LinModal	Mode	11	-45791.378	243274.305	7.643E-12			
8	0.45833	MODAL	LinModal	Mode	11	-45791.378	243274.305	7.643E-12			
8	0.191685	MODAL	LinModal	Mode	11	-45791.378	243274.305	7.643E-12			
8	1.37498	MODAL	LinModal	Mode	11	-45791.378	243274.305	7.643E-12			
8	1.8333	MODAL	LinModal	Mode	11	-45791.378	243274.305	7.643E-12			
8	0	MODAL	LinModal	Mode	12	29268.872	3103.476	-8.991E-11			
8	0.45833	MODAL	LinModal	Mode	12	29268.872	3103.476	-8.991E-11			
8	0.191685	MODAL	LinModal	Mode	12	29268.872	3103.476	-8.991E-11			
8	1.37498	MODAL	LinModal	Mode	12	29268.872	3103.476	-8.991E-11			
8	1.8333	MODAL	LinModal	Mode	12	29268.872	3103.476	-8.991E-11			
8	0	LIVE	LinStatic	Mode		84.163	233.963	0			
8	0.45833	LIVE	LinStatic	Mode		84.163	233.963	0			
8	0.191685	LIVE	LinStatic	Mode		84.163	233.963	0			
8	1.37498	LIVE	LinStatic	Mode		84.158	233.963	0			
8	1.8333	LIVE	LinStatic	Mode		84.158	233.963	0			
8	0	DCON1	Combination	Mode		-31.889	810.18	0			
8	0.45833	DCON1	Combination	Mode		-31.889	862.25	0			
8	0.191685	DCON1	Combination	Mode		-31.896	864.29	0			
8	1.37498	DCON1	Combination	Mode		-31.896	1028.58	0			
8	1.8333	DCON1	Combination	Mode		-31.739	1098.62	0			

Table: Element Forces - Frame, Part 1 of 3										
Node	Element	Description	Status	P	Q	R	S	T	U	V
0	0	DCGN2	Combination	94.33	1181.00	0	0	0	0	0
0	0.45833	DCGN2	Combination	94.33	1233.22	0	0	0	0	0
0	0.91666	DCGN2	Combination	94.33	1305.76	0	0	0	0	0
0	1.37498	DCGN2	Combination	94.33	1448.06	0	0	0	0	0
0	1.8333	DCGN2	Combination	94.33	1565.61	0	0	0	0	0
0	0	DEAD	UnifLoad	-23.657	338.06	0	0	0	0	0
0	0.45833	DEAD	UnifLoad	-23.657	338.06	0	0	0	0	0
0	0.91666	DEAD	UnifLoad	-23.657	338.06	0	0	0	0	0
0	1.37498	DEAD	UnifLoad	-23.657	338.06	0	0	0	0	0
0	1.8333	DEAD	UnifLoad	-23.657	338.06	0	0	0	0	0
0	0	MODAL	UnifLoad	Mode	1	-1.183E-07	1.177E-08	404.871	0	0
0	0.45833	MODAL	UnifLoad	Mode	1	-1.183E-07	1.177E-08	404.871	0	0
0	0.91666	MODAL	UnifLoad	Mode	1	-1.183E-07	1.177E-08	404.871	0	0
0	1.37498	MODAL	UnifLoad	Mode	1	-1.183E-07	1.177E-08	404.871	0	0
0	1.8333	MODAL	UnifLoad	Mode	1	-1.183E-07	1.177E-08	404.871	0	0
0	0	MODAL	UnifLoad	Mode	2	1.106E-04	-7.81E-07	3.969E-07	0	0
0	0.45833	MODAL	UnifLoad	Mode	2	1.106E-04	-7.81E-07	3.969E-07	0	0
0	0.91666	MODAL	UnifLoad	Mode	2	1.106E-04	-7.81E-07	3.969E-07	0	0
0	1.37498	MODAL	UnifLoad	Mode	2	1.106E-04	-7.81E-07	3.969E-07	0	0
0	1.8333	MODAL	UnifLoad	Mode	2	1.106E-04	-7.81E-07	3.969E-07	0	0
0	0	MODAL	UnifLoad	Mode	3	-5.781E-08	5.500E-07	8.71813	0	0
0	0.45833	MODAL	UnifLoad	Mode	3	-5.781E-08	5.500E-07	8.71813	0	0
0	0.91666	MODAL	UnifLoad	Mode	3	-5.781E-08	5.500E-07	8.71813	0	0
0	1.37498	MODAL	UnifLoad	Mode	3	-5.781E-08	5.500E-07	8.71813	0	0
0	1.8333	MODAL	UnifLoad	Mode	3	-5.781E-08	5.500E-07	8.71813	0	0
0	0	MODAL	UnifLoad	Mode	4	-4.177E-25	2.925E-54	3.969E-12	0	0
0	0.45833	MODAL	UnifLoad	Mode	4	-4.177E-25	2.925E-54	3.969E-12	0	0
0	0.91666	MODAL	UnifLoad	Mode	4	-4.177E-25	2.925E-54	3.969E-12	0	0
0	1.37498	MODAL	UnifLoad	Mode	4	-4.177E-25	2.925E-54	3.969E-12	0	0
0	1.8333	MODAL	UnifLoad	Mode	4	-4.177E-25	2.925E-54	3.969E-12	0	0
0	0	MODAL	UnifLoad	Mode	5	2.693E-267	-2.044E-473	4.583E-11	0	0
0	0.45833	MODAL	UnifLoad	Mode	5	2.693E-267	-2.044E-473	4.583E-11	0	0
0	0.91666	MODAL	UnifLoad	Mode	5	2.693E-267	-2.044E-473	4.583E-11	0	0
0	1.37498	MODAL	UnifLoad	Mode	5	2.693E-267	-2.044E-473	4.583E-11	0	0
0	1.8333	MODAL	UnifLoad	Mode	5	2.693E-267	-2.044E-473	4.583E-11	0	0
0	0	MODAL	UnifLoad	Mode	6	-1.193E-10	5.157E-12	-801.889	0	0
0	0.45833	MODAL	UnifLoad	Mode	6	-1.193E-10	5.157E-12	-801.889	0	0
0	0.91666	MODAL	UnifLoad	Mode	6	-1.193E-10	5.157E-12	-801.889	0	0
0	1.37498	MODAL	UnifLoad	Mode	6	-1.193E-10	5.157E-12	-801.889	0	0
0	1.8333	MODAL	UnifLoad	Mode	6	-1.193E-10	5.157E-12	-801.889	0	0
0	0	MODAL	UnifLoad	Mode	7	-1.138E-13	12.730E-371	-0.025E-11	0	0
0	0.45833	MODAL	UnifLoad	Mode	7	-1.138E-13	12.730E-371	-0.025E-11	0	0
0	0.91666	MODAL	UnifLoad	Mode	7	-1.138E-13	12.730E-371	-0.025E-11	0	0
0	1.37498	MODAL	UnifLoad	Mode	7	-1.138E-13	12.730E-371	-0.025E-11	0	0
0	1.8333	MODAL	UnifLoad	Mode	7	-1.138E-13	12.730E-371	-0.025E-11	0	0
0	0	MODAL	UnifLoad	Mode	8	-3.228E-11	1.042E-12	9.134E-12	0	0
0	0.45833	MODAL	UnifLoad	Mode	8	-3.228E-11	1.042E-12	9.134E-12	0	0
0	0.91666	MODAL	UnifLoad	Mode	8	-3.228E-11	1.042E-12	9.134E-12	0	0
0	1.37498	MODAL	UnifLoad	Mode	8	-3.228E-11	1.042E-12	9.134E-12	0	0
0	1.8333	MODAL	UnifLoad	Mode	8	-3.228E-11	1.042E-12	9.134E-12	0	0
0	0	MODAL	UnifLoad	Mode	9	2.976E-432	-4.654E-561	2.881E-12	0	0
0	0.45833	MODAL	UnifLoad	Mode	9	2.976E-432	-4.654E-561	2.881E-12	0	0
0	0.91666	MODAL	UnifLoad	Mode	9	2.976E-432	-4.654E-561	2.881E-12	0	0
0	1.37498	MODAL	UnifLoad	Mode	9	2.976E-432	-4.654E-561	2.881E-12	0	0
0	1.8333	MODAL	UnifLoad	Mode	9	2.976E-432	-4.654E-561	2.881E-12	0	0

Table: Element Forces - Frames, Part 1 of 3									
Frame	Node	Code/Case	ElemType	SeqType	ElemNo	P	Q	R	V0
7	1,8330	MODAL	LinModal	Mode	8	2087.432	-8584.061	2.841E-12	
7	0	MODAL	LinModal	Mode	10	-2.432E-10	7.086E-11	1.64373,279	
7	0,45833	MODAL	LinModal	Mode	10	-2.432E-10	7.086E-11	1.64373,279	
7	0,91665	MODAL	LinModal	Mode	10	-2.432E-10	7.086E-11	1.64373,279	
7	1,37498	MODAL	LinModal	Mode	10	-2.432E-10	7.086E-11	1.64373,279	
7	1,8333	MODAL	LinModal	Mode	10	-2.432E-10	7.086E-11	1.64373,279	
7	0	MODAL	LinModal	Mode	11	-2823,014	57873,915	-9,845E-12	
7	0,45833	MODAL	LinModal	Mode	11	-2823,014	57873,915	-9,845E-12	
7	0,91665	MODAL	LinModal	Mode	11	-2823,014	57873,915	-9,845E-12	
7	1,37498	MODAL	LinModal	Mode	11	-2823,014	57873,915	-9,845E-12	
7	1,8333	MODAL	LinModal	Mode	11	-2823,014	57873,915	-9,845E-12	
7	0	MODAL	LinModal	Mode	12	35,989,981	-30955,248	7,845E-11	
7	0,45833	MODAL	LinModal	Mode	12	35,989,981	-30955,248	7,845E-11	
7	0,91665	MODAL	LinModal	Mode	12	35,989,981	-30955,248	7,845E-11	
7	1,37498	MODAL	LinModal	Mode	12	35,989,981	-30955,248	7,845E-11	
7	1,8333	MODAL	LinModal	Mode	12	35,989,981	-30955,248	7,845E-11	
7	0	LIVE	LinStatic	Mode		83,896	128,872	0	
7	0,45833	LIVE	LinStatic	Mode		83,896	128,872	0	
7	0,91665	LIVE	LinStatic	Mode		83,896	128,872	0	
7	1,37498	LIVE	LinStatic	Mode		83,896	128,872	0	
7	1,8333	LIVE	LinStatic	Mode		83,896	128,872	0	
7	0	DCON1	Combination	Mode		-31,801	385,494	0	
7	0,45833	DCON1	Combination	Mode		-31,801	385,494	0	
7	0,91665	DCON1	Combination	Mode		-31,801	385,494	0	
7	1,37498	DCON1	Combination	Mode		-31,801	385,494	0	
7	1,8333	DCON1	Combination	Mode		-31,801	385,494	0	
7	0	DCON2	Combination	Mode		84,041	578,802	0	
7	0,45833	DCON2	Combination	Mode		84,041	578,802	0	
7	0,91665	DCON2	Combination	Mode		84,041	578,802	0	
7	1,37498	DCON2	Combination	Mode		84,041	578,802	0	
7	1,8333	DCON2	Combination	Mode		84,041	578,802	0	
8	0	DE/D	LinStatic	Mode		-23,52	17,916	0	
8	0,45833	DE/D	LinStatic	Mode		-23,52	17,916	0	
8	0,91665	DE/D	LinStatic	Mode		-23,52	17,916	0	
8	1,37498	DE/D	LinStatic	Mode		-23,52	17,916	0	
8	1,8333	DE/D	LinStatic	Mode		-23,52	17,916	0	
8	0	MODAL	LinModal	Mode	1	1,777E-07	-1,439E-06	132,965	
8	0,45833	MODAL	LinModal	Mode	1	1,777E-07	-1,439E-06	132,965	
8	0,91665	MODAL	LinModal	Mode	1	1,777E-07	-1,439E-06	132,965	
8	1,37498	MODAL	LinModal	Mode	1	1,777E-07	-1,439E-06	132,965	
8	1,8333	MODAL	LinModal	Mode	1	1,777E-07	-1,439E-06	132,965	
8	0	MODAL	LinModal	Mode	2	368,743	-1517,408	-1,878E-05	
8	0,45833	MODAL	LinModal	Mode	2	368,743	-1517,408	-1,878E-05	
8	0,91665	MODAL	LinModal	Mode	2	368,743	-1517,408	-1,878E-05	
8	1,37498	MODAL	LinModal	Mode	2	368,743	-1517,408	-1,878E-05	
8	1,8333	MODAL	LinModal	Mode	2	368,743	-1517,408	-1,878E-05	
8	0	MODAL	LinModal	Mode	3	8,895E-06	-4,732E-07	1781,081	
8	0,45833	MODAL	LinModal	Mode	3	8,895E-06	-4,732E-07	1781,081	
8	0,91665	MODAL	LinModal	Mode	3	8,895E-06	-4,732E-07	1781,081	
8	1,37498	MODAL	LinModal	Mode	3	8,895E-06	-4,732E-07	1781,081	
8	1,8333	MODAL	LinModal	Mode	3	8,895E-06	-4,732E-07	1781,081	
8	0	MODAL	LinModal	Mode	4	2,117E-14	850,485	-8,895E-14	
8	0,45833	MODAL	LinModal	Mode	4	2,117E-14	850,485	-8,895E-14	
8	0,91665	MODAL	LinModal	Mode	4	2,117E-14	850,485	-8,895E-14	

Table: Element Forces - Frames, Part 1 of 3									
Frame	Station	Disp-Case	CaseType	SubType	Releases	P	Q	VZ	QZ
	m		LinkModel	Node		KI			
0	1.37498	MODAL	LinkModel	Mode	4	-2175.34	50.445	-5.89E-14	0
0	1.8373	MODAL	LinkModel	Mode	4	-2175.34	870.445	-8.89E-14	0
0	0	MODAL	LinkModel	Mode	5	860.875	-1550.158	-3.82E-11	0
0	0.45833	MODAL	LinkModel	Mode	5	860.875	-1550.158	-3.82E-11	0
0	0.51685	MODAL	LinkModel	Mode	5	860.875	-1550.158	-3.82E-11	0
0	1.37498	MODAL	LinkModel	Mode	5	860.875	-1550.158	-3.82E-11	0
0	1.8333	MODAL	LinkModel	Mode	5	860.875	-1550.158	-3.82E-11	0
0	0	MODAL	LinkModel	Mode	6	1.857E-11	-7.032E-12	-2.65E-74	0
0	0.45833	MODAL	LinkModel	Mode	6	1.857E-11	-7.032E-12	-2.65E-74	0
0	0.51685	MODAL	LinkModel	Mode	6	1.857E-11	-7.032E-12	-2.65E-74	0
0	1.37498	MODAL	LinkModel	Mode	6	1.857E-11	-7.032E-12	-2.65E-74	0
0	1.8333	MODAL	LinkModel	Mode	6	1.857E-11	-7.032E-12	-2.65E-74	0
0	0	MODAL	LinkModel	Mode	7	-3.783.471	16800.052	-2.458E-11	0
0	0.45833	MODAL	LinkModel	Mode	7	-3.783.471	16800.052	-2.458E-11	0
0	0.51685	MODAL	LinkModel	Mode	7	-3.783.471	16800.052	-2.458E-11	0
0	1.37498	MODAL	LinkModel	Mode	7	-3.783.471	16800.052	-2.458E-11	0
0	1.8333	MODAL	LinkModel	Mode	7	-3.783.471	16800.052	-2.458E-11	0
0	0	MODAL	LinkModel	Mode	8	-7.078E-11	-1.055E-11	1.051E-24	0
0	0.45833	MODAL	LinkModel	Mode	8	-7.078E-11	-1.055E-11	1.051E-24	0
0	0.51685	MODAL	LinkModel	Mode	8	-7.078E-11	-1.055E-11	1.051E-24	0
0	1.37498	MODAL	LinkModel	Mode	8	-7.078E-11	-1.055E-11	1.051E-24	0
0	1.8333	MODAL	LinkModel	Mode	8	-7.078E-11	-1.055E-11	1.051E-24	0
0	0	MODAL	LinkModel	Mode	9	3.0072.515	-18035.13	7.01E-12	0
0	0.45833	MODAL	LinkModel	Mode	9	3.0072.515	-18035.13	7.01E-12	0
0	0.51685	MODAL	LinkModel	Mode	9	3.0072.515	-18035.13	7.01E-12	0
0	1.37498	MODAL	LinkModel	Mode	9	3.0072.515	-18035.13	7.01E-12	0
0	1.8333	MODAL	LinkModel	Mode	9	3.0072.515	-18035.13	7.01E-12	0
0	0	MODAL	LinkModel	Mode	10	-4.890E-11	-3.835E-11	8.22E-24	0
0	0.45833	MODAL	LinkModel	Mode	10	-4.890E-11	-3.835E-11	8.22E-24	0
0	0.51685	MODAL	LinkModel	Mode	10	-4.890E-11	-3.835E-11	8.22E-24	0
0	1.37498	MODAL	LinkModel	Mode	10	-4.890E-11	-3.835E-11	8.22E-24	0
0	1.8333	MODAL	LinkModel	Mode	10	-4.890E-11	-3.835E-11	8.22E-24	0
0	0	MODAL	LinkModel	Mode	11	-9.584.021	-172333.724	-6.01E-12	0
0	0.45833	MODAL	LinkModel	Mode	11	-9.584.021	-172333.724	-6.01E-12	0
0	0.51685	MODAL	LinkModel	Mode	11	-9.584.021	-172333.724	-6.01E-12	0
0	1.37498	MODAL	LinkModel	Mode	11	-9.584.021	-172333.724	-6.01E-12	0
0	1.8333	MODAL	LinkModel	Mode	11	-9.584.021	-172333.724	-6.01E-12	0
0	0	MODAL	LinkModel	Mode	12	2.9118.276	-21406.739	7.288E-11	0
0	0.45833	MODAL	LinkModel	Mode	12	2.9118.276	-21406.739	7.288E-11	0
0	0.51685	MODAL	LinkModel	Mode	12	2.9118.276	-21406.739	7.288E-11	0
0	1.37498	MODAL	LinkModel	Mode	12	2.9118.276	-21406.739	7.288E-11	0
0	1.8333	MODAL	LinkModel	Mode	12	2.9118.276	-21406.739	7.288E-11	0
0	0	LIVE	LinkStatic			83.768	40.797	0	0
0	0.45833	LIVE	LinkStatic			83.768	40.797	0	0
0	0.51685	LIVE	LinkStatic			83.768	40.797	0	0
0	1.37498	LIVE	LinkStatic			83.768	40.797	0	0
0	1.8333	LIVE	LinkStatic			83.768	40.797	0	0
0	0	DCONI	Combination			-31.763	24.034	0	0
0	0.45833	DCONI	Combination			-31.763	86.304	0	0
0	0.51685	DCONI	Combination			-31.763	166.419	0	0
0	1.37498	DCONI	Combination			-31.763	240.534	0	0
0	1.8333	DCONI	Combination			-31.763	312.669	0	0
0	0	DCON2	Combination			53.287	86.305	0	0
0	0.45833	DCON2	Combination			53.287	157.4	0	0

Table: Element Forces - Frames, Part 1 of 3										
Frame	Station	OutputCase	CaseType	ShapeType	ShapeNum	P	VX	VY	VZ	RM
8	0.81665	DCON2	Combination			93.897	229.615	0		
8	1.37498	DCON2	Combination			93.897	301.79	0		
8	1.8333	DCON2	Combination			93.897	373.46	0		
8	0	DEAD	LinStatic			-23.82	-231.693	0		
8	0.47333	DEAD	LinStatic			-23.82	-176.145	0		
8	0.91665	DEAD	LinStatic			-23.82	-124.726	0		
8	1.37498	DEAD	LinStatic			-23.82	-71.308	0		
8	1.8333	DEAD	LinStatic			-23.82	-17.898	0		
8	0	MODAL	LinModal	Mode	1	1.111E-07	1.210E-06	-132.92		
8	0.45833	MODAL	LinModal	Mode	1	1.111E-07	1.210E-06	-132.92		
8	0.91665	MODAL	LinModal	Mode	1	1.111E-07	1.210E-06	-132.92		
8	1.37498	MODAL	LinModal	Mode	1	1.111E-07	1.210E-06	-132.92		
8	1.8333	MODAL	LinModal	Mode	1	1.111E-07	1.210E-06	-132.92		
8	0	MODAL	LinModal	Mode	2	-2.487E-05	-1.517E-01	3.274E-08		
8	0.45833	MODAL	LinModal	Mode	2	-2.487E-05	-1.517E-01	3.274E-08		
8	0.91665	MODAL	LinModal	Mode	2	-2.487E-05	-1.517E-01	3.274E-08		
8	1.37498	MODAL	LinModal	Mode	2	-2.487E-05	-1.517E-01	3.274E-08		
8	1.8333	MODAL	LinModal	Mode	2	-2.487E-05	-1.517E-01	3.274E-08		
8	0	MODAL	LinModal	Mode	3	1.242E-06	5.805E-07	1.781E-09		
8	0.45833	MODAL	LinModal	Mode	3	1.242E-06	5.805E-07	1.781E-09		
8	0.91665	MODAL	LinModal	Mode	3	1.242E-06	5.805E-07	1.781E-09		
8	1.37498	MODAL	LinModal	Mode	3	1.242E-06	5.805E-07	1.781E-09		
8	1.8333	MODAL	LinModal	Mode	3	1.242E-06	5.805E-07	1.781E-09		
8	0	MODAL	LinModal	Mode	4	-2.175E-07	-8.502E-11	-1.311E-11		
8	0.45833	MODAL	LinModal	Mode	4	-2.175E-07	-8.502E-11	-1.311E-11		
8	0.91665	MODAL	LinModal	Mode	4	-2.175E-07	-8.502E-11	-1.311E-11		
8	1.37498	MODAL	LinModal	Mode	4	-2.175E-07	-8.502E-11	-1.311E-11		
8	1.8333	MODAL	LinModal	Mode	4	-2.175E-07	-8.502E-11	-1.311E-11		
8	0	MODAL	LinModal	Mode	5	-7.85E-08	-1.538E-07	1.140E-10		
8	0.45833	MODAL	LinModal	Mode	5	-7.85E-08	-1.538E-07	1.140E-10		
8	0.91665	MODAL	LinModal	Mode	5	-7.85E-08	-1.538E-07	1.140E-10		
8	1.37498	MODAL	LinModal	Mode	5	-7.85E-08	-1.538E-07	1.140E-10		
8	1.8333	MODAL	LinModal	Mode	5	-7.85E-08	-1.538E-07	1.140E-10		
8	0	MODAL	LinModal	Mode	6	1.950E-10	6.009E-12	2.68E-04		
8	0.45833	MODAL	LinModal	Mode	6	1.950E-10	6.009E-12	2.68E-04		
8	0.91665	MODAL	LinModal	Mode	6	1.950E-10	6.009E-12	2.68E-04		
8	1.37498	MODAL	LinModal	Mode	6	1.950E-10	6.009E-12	2.68E-04		
8	1.8333	MODAL	LinModal	Mode	6	1.950E-10	6.009E-12	2.68E-04		
8	0	MODAL	LinModal	Mode	7	3.792E-12	1.589E-22	1.157E-10		
8	0.45833	MODAL	LinModal	Mode	7	3.792E-12	1.589E-22	1.157E-10		
8	0.91665	MODAL	LinModal	Mode	7	3.792E-12	1.589E-22	1.157E-10		
8	1.37498	MODAL	LinModal	Mode	7	3.792E-12	1.589E-22	1.157E-10		
8	1.8333	MODAL	LinModal	Mode	7	3.792E-12	1.589E-22	1.157E-10		
8	0	MODAL	LinModal	Mode	8	-4.781E-11	-2.204E-12	1.351E-11		
8	0.45833	MODAL	LinModal	Mode	8	-4.781E-11	-2.204E-12	1.351E-11		
8	0.91665	MODAL	LinModal	Mode	8	-4.781E-11	-2.204E-12	1.351E-11		
8	1.37498	MODAL	LinModal	Mode	8	-4.781E-11	-2.204E-12	1.351E-11		
8	1.8333	MODAL	LinModal	Mode	8	-4.781E-11	-2.204E-12	1.351E-11		
8	0	MODAL	LinModal	Mode	9	3.007E-07	1.883E-05	-1.832E-11		
8	0.45833	MODAL	LinModal	Mode	9	3.007E-07	1.883E-05	-1.832E-11		
8	0.91665	MODAL	LinModal	Mode	9	3.007E-07	1.883E-05	-1.832E-11		
8	1.37498	MODAL	LinModal	Mode	9	3.007E-07	1.883E-05	-1.832E-11		
8	1.8333	MODAL	LinModal	Mode	9	3.007E-07	1.883E-05	-1.832E-11		
8	0	MODAL	LinModal	Mode	10	1.579E-10	-2.202E-11	-8.220E-12		

Table: Element Forces - Frames, Part 1 of 3										
Frame	Station	OutputCase	CaseType	ShapeType	ShapeNum	P	VX	VY	VZ	RM
8	0.45833	MODAL	LinModal	Mode	10	1.579E-10	-2.202E-11	-8.220E-12		
8	0.91665	MODAL	LinModal	Mode	10	1.579E-10	-2.202E-11	-8.220E-12		
8	1.37498	MODAL	LinModal	Mode	10	1.579E-10	-2.202E-11	-8.220E-12		
8	1.8333	MODAL	LinModal	Mode	10	1.579E-10	-2.202E-11	-8.220E-12		
8	0	MODAL	LinModal	Mode	11	9.51E-07	-1.738E-05	1.973E-11		
8	0.45833	MODAL	LinModal	Mode	11	9.51E-07	-1.738E-05	1.973E-11		
8	0.91665	MODAL	LinModal	Mode	11	9.51E-07	-1.738E-05	1.973E-11		
8	1.37498	MODAL	LinModal	Mode	11	9.51E-07	-1.738E-05	1.973E-11		
8	1.8333	MODAL	LinModal	Mode	11	9.51E-07	-1.738E-05	1.973E-11		
8	0	MODAL	LinModal	Mode	12	3.011E-09	2.149E-06	-8.914E-11		
8	0.45833	MODAL	LinModal	Mode	12	3.011E-09	2.149E-06	-8.914E-11		
8	0.91665	MODAL	LinModal	Mode	12	3.011E-09	2.149E-06	-8.914E-11		
8	1.37498	MODAL	LinModal	Mode	12	3.011E-09	2.149E-06	-8.914E-11		
8	1.8333	MODAL	LinModal	Mode	12	3.011E-09	2.149E-06	-8.914E-11		
8	0	LIVE	LinStatic			83.768	-40.788	0		
8	0.45833	LIVE	LinStatic			83.768	-40.788	0		
8	0.91665	LIVE	LinStatic			83.768	-40.788	0		
8	1.37498	LIVE	LinStatic			83.768	-40.788	0		
8	1.8333	LIVE	LinStatic			83.768	-40.788	0		
8	0	DCON1	Combination			-31.753	-312.81	0		
8	0.45833	DCON1	Combination			-31.753	-240.463	0		
8	0.91665	DCON1	Combination			-31.753	-168.751	0		
8	1.37498	DCON1	Combination			-31.753	-85.206	0		
8	1.8333	DCON1	Combination			-31.753	-24.151	0		
8	0	DCON2	Combination			93.897	-537.792	0		
8	0.45833	DCON2	Combination			93.897	-381.777	0		
8	0.91665	DCON2	Combination			93.897	-229.522	0		
8	1.37498	DCON2	Combination			93.897	-157.448	0		
8	1.8333	DCON2	Combination			93.897	-85.33	0		
8	0	DEAD	LinStatic			-23.557	-445.784	0		
8	0.45833	DEAD	LinStatic			-23.557	-392.368	0		
8	0.91665	DEAD	LinStatic			-23.557	-339.947	0		
8	1.37498	DEAD	LinStatic			-23.557	-286.529	0		
8	1.8333	DEAD	LinStatic			-23.557	-233.109	0		
8	0	MODAL	LinModal	Mode	1	7.713E-06	-7.003E-09	-404.839		
8	0.45833	MODAL	LinModal	Mode	1	7.713E-06	-7.003E-09	-404.839		
8	0.91665	MODAL	LinModal	Mode	1	7.713E-06	-7.003E-09	-404.839		
8	1.37498	MODAL	LinModal	Mode	1	7.713E-06	-7.003E-09	-404.839		
8	1.8333	MODAL	LinModal	Mode	1	7.713E-06	-7.003E-09	-404.839		
8	0	MODAL	LinModal	Mode	2	-1.105E-09	-7.81E-07	-3.837E-06		
8	0.45833	MODAL	LinModal	Mode	2	-1.105E-09	-7.81E-07	-3.837E-06		
8	0.91665	MODAL	LinModal	Mode	2	-1.105E-09	-7.81E-07	-3.837E-06		
8	1.37498	MODAL	LinModal	Mode	2	-1.105E-09	-7.81E-07	-3.837E-06		
8	1.8333	MODAL	LinModal	Mode	2	-1.105E-09	-7.81E-07	-3.837E-06		
8	0	MODAL	LinModal	Mode	3	-5.723E-05	-3.439E-07	871.837		
8	0.45833	MODAL	LinModal	Mode	3	-5.723E-05	-3.439E-07	871.837		
8	0.91665	MODAL	LinModal	Mode	3	-5.723E-05	-3.439E-07	871.837		
8	1.37498	MODAL	LinModal	Mode	3	-5.723E-05	-3.439E-07	871.837		
8	1.8333	MODAL	LinModal	Mode	3	-5.723E-05	-3.439E-07	871.837		
8	0	MODAL	LinModal	Mode	4	-2.177E-04	-2.926E-01	1.400E-11		
8	0.45833	MODAL	LinModal	Mode	4	-2.177E-04	-2.926E-01	1.400E-11		
8	0.91665	MODAL	LinModal	Mode	4	-2.177E-04	-2.926E-01	1.400E-11		
8	1.37498	MODAL	LinModal	Mode	4	-2.177E-04	-2.926E-01	1.400E-11		
8	1.8333	MODAL	LinModal	Mode	4	-2.177E-04	-2.926E-01	1.400E-11		

Table: Element Forces - Frames, Part 1 of 3										
Frame	Position	OutputCase	CaseType	ShapeType	ShapeNum	P	VX	VY	VZ	RM
10	0	MODAL	LinModal	Mode	5	-2.583E-236	-2.046E-167	-1.045E-10		
10	0.23833	MODAL	LinModal	Mode	5	-2.583E-236	-2.046E-167	-1.045E-10		
10	0.47665	MODAL	LinModal	Mode	5	-2.583E-236	-2.046E-167	-1.045E-10		
10	0.71498	MODAL	LinModal	Mode	5	-2.583E-236	-2.046E-167	-1.045E-10		
10	0.9533	MODAL	LinModal	Mode	5	-2.583E-236	-2.046E-167	-1.045E-10		
10	0	MODAL	LinModal	Mode	6	8.564E-11	-2.71E-12	801.85		
10	0.45833	MODAL	LinModal	Mode	6	8.564E-11	-2.71E-12	801.85		
10	0.91665	MODAL	LinModal	Mode	6	8.564E-11	-2.71E-12	801.85		
10	1.37498	MODAL	LinModal	Mode	6	8.564E-11	-2.71E-12	801.85		
10	1.8333	MODAL	LinModal	Mode	6	8.564E-11	-2.71E-12	801.85		
10	0	MODAL	LinModal	Mode	7	1.158E-07	1.279E-07	-1.832E-10		
10	0.45833	MODAL	LinModal	Mode	7	1.158E-07	1.279E-07	-1.832E-10		
10	0.91665	MODAL	LinModal	Mode	7	1.158E-07	1.279E-07	-1.832E-10		
10	1.37498	MODAL	LinModal	Mode	7	1.158E-07	1.279E-07	-1.832E-10		
10	1.8333	MODAL	LinModal	Mode	7	1.158E-07	1.279E-07	-1.832E-10		
10	0	MODAL	LinModal	Mode	8	7.114E-11	6.815E-12	9114.415		
10	0.45833	MODAL	LinModal	Mode	8	7.114E-11	6.815E-12	9114.415		
10	0.91665	MODAL	LinModal	Mode	8	7.114E-11	6.815E-12	9114.415		
10	1.37498	MODAL	LinModal	Mode	8	7.114E-11	6.815E-12	9114.415		
10	1.8333	MODAL	LinModal	Mode	8	7.114E-11	6.815E-12	9114.415		
10	0	MODAL	LinModal	Mode	9	2.897E-05	4.862E-2	1.085E-11		
10	0.45833	MODAL	LinModal	Mode	9	2.897E-05	4.862E-2	1.085E-11		
10	0.91665	MODAL	LinModal	Mode	9	2.897E-05	4.862E-2	1.085E-11		
10	1.37498	MODAL	LinModal	Mode	9	2.897E-05	4.862E-2	1.085E-11		
10	1.8333	MODAL	LinModal	Mode	9	2.897E-05	4.862E-2	1.085E-11		
10	0	MODAL	LinModal	Mode	10	2.138E-10	4.772E-11	-154385.728		
10	0.45833	MODAL	LinModal	Mode	10	2.138E-10	4.772E-11	-154385.728		
10	0.91665	MODAL	LinModal	Mode	10	2.138E-10	4.772E-11	-154385.728		
10	1.37498	MODAL	LinModal	Mode	10	2.138E-10	4.772E-11	-154385.728		
10	1.8333	MODAL	LinModal	Mode	10	2.138E-10	4.772E-11	-154385.728		
10	0	MODAL	LinModal	Mode	11	2.8321E-05	5.938E-06	-2.910E-11		
10	0.45833	MODAL	LinModal	Mode	11	2.8321E-05	5.938E-06	-2.910E-11		
10	0.91665	MODAL	LinModal	Mode	11	2.8321E-05	5.938E-06	-2.910E-11		
10	1.37498	MODAL	LinModal	Mode	11	2.8321E-05	5.938E-06	-2.910E-11		
10	1.8333	MODAL	LinModal	Mode	11	2.8321E-05	5.938E-06	-2.910E-11		
10	0	MODAL	LinModal	Mode	12	3.9870E-28	3.6597E-56	-9.955E-11		
10	0.45833	MODAL	LinModal	Mode	12	3.9870E-28	3.6597E-56	-9.955E-11		
10	0.91665	MODAL	LinModal	Mode	12	3.9870E-28	3.6597E-56	-9.955E-11		
10	1.37498	MODAL	LinModal	Mode	12	3.9870E-28	3.6597E-56	-9.955E-11		
10	1.8333	MODAL	LinModal	Mode	12	3.9870E-28	3.6597E-56	-9.955E-11		
10	0	LIVE	LinStatic	Static	83.895		-128.954	0		
10	0.45833	LIVE	LinStatic	Static	83.895		-128.954	0		
10	0.91665	LIVE	LinStatic	Static	83.895		-128.954	0		
10	1.37498	LIVE	LinStatic	Static	83.895		-128.954	0		
10	1.8333	LIVE	LinStatic	Static	83.895		-128.954	0		
10	0	DCONC	Combination	Combination	-31.801		-473.879	0		
10	0.45833	DCONC	Combination	Combination	-31.801		-473.879	0		
10	0.91665	DCONC	Combination	Combination	-31.801		-473.879	0		
10	1.37498	DCONC	Combination	Combination	-31.801		-473.879	0		
10	1.8333	DCONC	Combination	Combination	-31.801		-473.879	0		
10	0	DCONC	Combination	Combination	94.041		-687.219	0		
10	0.45833	DCONC	Combination	Combination	94.041		-687.219	0		
10	0.91665	DCONC	Combination	Combination	94.041		-687.219	0		
10	1.37498	DCONC	Combination	Combination	94.041		-687.219	0		
10	1.8333	DCONC	Combination	Combination	94.041		-687.219	0		

Frame	Station	OutputCase	ElemType	StepNum	T	U1	U2	U3	U4	U5	U6	U7	U8	U9	U10	U11	U12	U13	U14	U15	U16	U17	U18	U19	U20	U21	U22	U23	U24	U25	U26	U27	U28	U29	U30	U31	U32	U33	U34	U35	U36	U37	U38	U39	U40	U41	U42	U43	U44	U45	U46	U47	U48	U49	U50	U51	U52	U53	U54	U55	U56	U57	U58	U59	U60	U61	U62	U63	U64	U65	U66	U67	U68	U69	U70	U71	U72	U73	U74	U75	U76	U77	U78	U79	U80	U81	U82	U83	U84	U85	U86	U87	U88	U89	U90	U91	U92	U93	U94	U95	U96	U97	U98	U99	U100	U101	U102	U103	U104	U105	U106	U107	U108	U109	U110	U111	U112	U113	U114	U115	U116	U117	U118	U119	U120	U121	U122	U123	U124	U125	U126	U127	U128	U129	U130	U131	U132	U133	U134	U135	U136	U137	U138	U139	U140	U141	U142	U143	U144	U145	U146	U147	U148	U149	U150	U151	U152	U153	U154	U155	U156	U157	U158	U159	U160	U161	U162	U163	U164	U165	U166	U167	U168	U169	U170	U171	U172	U173	U174	U175	U176	U177	U178	U179	U180	U181	U182	U183	U184	U185	U186	U187	U188	U189	U190	U191	U192	U193	U194	U195	U196	U197	U198	U199	U200	U201	U202	U203	U204	U205	U206	U207	U208	U209	U210	U211	U212	U213	U214	U215	U216	U217	U218	U219	U220	U221	U222	U223	U224	U225	U226	U227	U228	U229	U230	U231	U232	U233	U234	U235	U236	U237	U238	U239	U240	U241	U242	U243	U244	U245	U246	U247	U248	U249	U250	U251	U252	U253	U254	U255	U256	U257	U258	U259	U260	U261	U262	U263	U264	U265	U266	U267	U268	U269	U270	U271	U272	U273	U274	U275	U276	U277	U278	U279	U280	U281	U282	U283	U284	U285	U286	U287	U288	U289	U290	U291	U292	U293	U294	U295	U296	U297	U298	U299	U300	U301	U302	U303	U304	U305	U306	U307	U308	U309	U310	U311	U312	U313	U314	U315	U316	U317	U318	U319	U320	U321	U322	U323	U324	U325	U326	U327	U328	U329	U330	U331	U332	U333	U334	U335	U336	U337	U338	U339	U340	U341	U342	U343	U344	U345	U346	U347	U348	U349	U350	U351	U352	U353	U354	U355	U356	U357	U358	U359	U360	U361	U362	U363	U364	U365	U366	U367	U368	U369	U370	U371	U372	U373	U374	U375	U376	U377	U378	U379	U380	U381	U382	U383	U384	U385	U386	U387	U388	U389	U390	U391	U392	U393	U394	U395	U396	U397	U398	U399	U400	U401	U402	U403	U404	U405	U406	U407	U408	U409	U410	U411	U412	U413	U414	U415	U416	U417	U418	U419	U420	U421	U422	U423	U424	U425	U426	U427	U428	U429	U430	U431	U432	U433	U434	U435	U436	U437	U438	U439	U440	U441	U442	U443	U444	U445	U446	U447	U448	U449	U450	U451	U452	U453	U454	U455	U456	U457	U458	U459	U460	U461	U462	U463	U464	U465	U466	U467	U468	U469	U470	U471	U472	U473	U474	U475	U476	U477	U478	U479	U480	U481	U482	U483	U484	U485	U486	U487	U488	U489	U490	U491	U492	U493	U494	U495	U496	U497	U498	U499	U500	U501	U502	U503	U504	U505	U506	U507	U508	U509	U510	U511	U512	U513	U514	U515	U516	U517	U518	U519	U520	U521	U522	U523	U524	U525	U526	U527	U528	U529	U530	U531	U532	U533	U534	U535	U536	U537	U538	U539	U540	U541	U542	U543	U544	U545	U546	U547	U548	U549	U550	U551	U552	U553	U554	U555	U556	U557	U558	U559	U560	U561	U562	U563	U564	U565	U566	U567	U568	U569	U570	U571	U572	U573	U574	U575	U576	U577	U578	U579	U580	U581	U582	U583	U584	U585	U586	U587	U588	U589	U590	U591	U592	U593	U594	U595	U596	U597	U598	U599	U600	U601	U602	U603	U604	U605	U606	U607	U608	U609	U610	U611	U612	U613	U614	U615	U616	U617	U618	U619	U620	U621	U622	U623	U624	U625	U626	U627	U628	U629	U630	U631	U632	U633	U634	U635	U636	U637	U638	U639	U640	U641	U642	U643	U644	U645	U646	U647	U648	U649	U650	U651	U652	U653	U654	U655	U656	U657	U658	U659	U660	U661	U662	U663	U664	U665	U666	U667	U668	U669	U670	U671	U672	U673	U674	U675	U676	U677	U678	U679	U680	U681	U682	U683	U684	U685	U686	U687	U688	U689	U690	U691	U692	U693	U694	U695	U696	U697	U698	U699	U700	U701	U702	U703	U704	U705	U706	U707	U708	U709	U710	U711	U712	U713	U714	U715	U716	U717	U718	U719	U720	U721	U722	U723	U724	U725	U726	U727	U728	U729	U730	U731	U732	U733	U734	U735	U736	U737	U738	U739	U740	U741	U742	U743	U744	U745	U746	U747	U748	U749	U750	U751	U752	U753	U754	U755	U756	U757	U758	U759	U760	U761	U762	U763	U764	U765	U766	U767	U768	U769	U770	U771	U772	U773	U774	U775	U776	U777	U778	U779	U780	U781	U782	U783	U784	U785	U786	U787	U788	U789	U790	U791	U792	U793	U794	U795	U796	U797	U798	U799	U800	U801	U802	U803	U804	U805	U806	U807	U808	U809	U810	U811	U812	U813	U814	U815	U816	U817	U818	U819	U820	U821	U822	U823	U824	U825	U826	U827	U828	U829	U830	U831	U832	U833	U834	U835	U836	U837	U838	U839	U840	U841	U842	U843	U844	U845	U846	U847	U848	U849	U850	U851	U852	U853	U854	U855	U856	U857	U858	U859	U860	U861	U862	U863	U864	U865	U866	U867	U868	U869	U870	U871	U872	U873	U874	U875	U876	U877	U878	U879	U880	U881	U882	U883	U884	U885	U886	U887	U888	U889	U890	U891	U892	U893	U894	U895	U896	U897	U898	U899	U900	U901	U902	U903	U904	U905	U906	U907	U908	U909	U910	U911	U912	U913	U914	U915	U916	U917	U918	U919	U920	U921	U922	U923	U924	U925	U926	U927	U928	U929	U930	U931	U932	U933	U934	U935	U936	U937	U938	U939	U940	U941	U942	U943	U944	U945	U946	U947	U948	U949	U950	U951	U952	U953	U954	U955	U956	U957	U958	U959	U960	U961	U962	U963	U964	U965	U966	U967	U968	U969	U970	U971	U972	U973	U974	U975	U976	U977	U978	U979	U980	U981	U982	U983	U984	U985	U986	U987	U988	U989	U990	U991	U992	U993	U994	U995	U996	U997	U998	U999	U1000	U1001	U1002	U1003	U1004	U1005	U1006	U1007	U1008	U1009	U1010	U1011	U1012	U1013	U1014	U1015	U1016	U1017	U1018	U1019	U1020	U1021	U1022	U1023	U1024	U1025	U1026	U1027	U1028	U1029	U1030	U1031	U1032	U1033	U1034	U1035	U1036	U1037	U1038	U1039	U1040	U1041	U1042	U1043	U1044	U1045	U1046	U1047	U1048	U1049	U1050	U1051	U1052	U1053	U1054	U1055	U1056	U1057	U1058	U1059	U1060	U1061	U1062	U1063	U1064	U1065	U1066	U1067	U1068	U1069	U1070	U1071	U1072	U1073	U1074	U1075	U1076	U1077	U1078	U1079	U1080	U1081	U1082	U1083	U1084	U1085	U1086	U1087	U1088	U1089	U1090	U1091	U1092	U1093	U1094	U1095	U1096	U1097	U1098	U1099	U1100	U1101	U1102	U1103	U1104	U1105	U1106	U1107	U1108	U1109	U1110	U1111	U1112	U1113	U1114	U1115	U1116	U1117	U1118	U1119	U1120	U1121	U1122	U1123	U1124	U1125	U1126	U1127	U1128	U1129	U1130	U1131	U1132	U1133	U1134	U1135	U1136	U1137	U1138	U1139	U1140	U1141	U1142	U1143	U1144	U1145	U1146	U1147	U1148	U1149	U1150	U1151	U1152	U1153	U1154	U1155	U1156	U1157	U1158	U1159	U1160	U1161	U1162	U1163	U1164	U1165	U1166	U1167	U1168	U1169	U1170	U1171	U1172	U1173	U1174	U1175	U1176	U1177	U1178	U1179	U1180	U1181	U1182	U1183	U1184	U1185	U1186	U1187	U1188	U1189	U1190	U1191	U1192	U1193	U1194	U1195	U1196	U1197	U1198	U1199	U1200	U1201	U1202	U1203	U1204	U1205	U1206	U1207	U1208	U1209	U1210	U1211	U1212	U1213	U1214	U1215	U1216	U1217	U1218	U1219	U1220	U1221	U1222	U1223	U1224	U1225	U1226	U1227	U1228	U1229	U1230	U1231	U1232	U1233	U1234	U1235	U1236	U1237	U1238	U1239	U1240	U1241	U1242	U1243	U1244	U1245	U1246	U1247	U1248	U1249	U1250	U1251	U1252	U1253	U1254	U1255	U1256	U1257	U1258	U1259	U1260	U1261	U1262	U1263	U1264	U1265	U1266	U1267	U1268	U1269	U1270	U1271	U1272	U1273	U1274	U1275	U1276	U1277	U1278	U1279	U1280	U1281	U1282	U1283	U1284	U1285	U1286	U1287	U1288	U1289	U1290	U1291	U1292	U1293	U1294	U1295	U1296	U1297	U1298	U1299	U1300	U1301	U1302	U1303	U1304	U1305	U1306	U1307	U1308	U1309	U1310	U1311	U1312	U1313	U1314	U1315	U1316	U1317	U1318	U1319	U1320	U1321	U1322	U1323	U1324	U1325	U1326	U1327	U1328	U1329	U1330	U1331	U1332	U1333	U1334	U1335	U1336	U1337
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Frame	Station	OutputCase	StepType	StepNum	T	MS	KS	MS	KS	PrmsElEm
					KN	KN	KN	KN	KN	
4	8.5	MODAL	Mode	3	-4372.9488	2826.3578	1.587E-08	-4.1		
4	8.5	MODAL	Mode	3	-4372.9488	3414.0876	3.899E-08	-4.1		
4	9.5	MODAL	Mode	3	-4372.9488	3.301.8173	3.769E-08	-4.1		
4	10.5	MODAL	Mode	3	-4372.9488	4389.6471	4.641E-08	-4.1		
4	10.5	MODAL	Mode	3	-4372.9488	4877.2768	5.533E-08	-4.1		
4	11.5	MODAL	Mode	3	-4372.9488	5365.0053	6.424E-08	-4.1		
4	0.5	MODAL	Mode	4	8.894E-12	6.128E-12	675.5156	-4.1		
4	0.5	MODAL	Mode	4	8.894E-12	6.216E-12	679.3731	-4.1		
4	1.5	MODAL	Mode	4	8.894E-12	6.094E-12	679.6306	-4.1		
4	1.5	MODAL	Mode	4	8.894E-12	6.442E-12	679.8472	-4.1		
4	2.5	MODAL	Mode	4	8.894E-12	6.894E-12	679.7457	-4.1		
4	2.5	MODAL	Mode	4	8.894E-12	6.318E-12	679.8032	-4.1		
4	3.5	MODAL	Mode	4	8.894E-12	6.798E-12	679.8808	-4.1		
4	3.5	MODAL	Mode	4	8.894E-12	6.194E-12	679.8183	-4.1		
4	4.5	MODAL	Mode	4	8.894E-12	6.832E-12	679.9758	-4.1		
4	4.5	MODAL	Mode	4	8.894E-12	6.070E-12	680.0333	-4.1		
4	5.5	MODAL	Mode	4	8.894E-12	6.803E-12	680.0908	-4.1		
4	5.5	MODAL	Mode	4	8.894E-12	6.370E-12	680.1484	-4.1		
4	6.5	MODAL	Mode	4	8.894E-12	6.157E-12	680.2059	-4.1		
4	6.5	MODAL	Mode	4	8.894E-12	6.178E-12	680.2635	-4.1		
4	7.5	MODAL	Mode	4	8.894E-12	6.1740E-12	680.321	-4.1		
4	7.5	MODAL	Mode	4	8.894E-12	6.202E-12	680.3785	-4.1		
4	8.5	MODAL	Mode	4	8.894E-12	6.264E-12	680.4361	-4.1		
4	8.5	MODAL	Mode	4	8.894E-12	6.428E-12	680.4936	-4.1		
4	9.5	MODAL	Mode	4	8.894E-12	6.088E-12	680.5511	-4.1		
4	9.5	MODAL	Mode	4	8.894E-12	6.580E-12	680.6087	-4.1		
4	10.5	MODAL	Mode	4	8.894E-12	6.112E-12	680.6662	-4.1		
4	10.5	MODAL	Mode	4	8.894E-12	6.584E-12	680.7237	-4.1		
4	11.5	MODAL	Mode	4	8.894E-12	6.238E-12	680.7812	-4.1		
4	0.5	MODAL	Mode	5	-3.818E-12	-2.669E-12	-1000.2401	-4.1		
4	0.5	MODAL	Mode	5	-3.818E-12	-2.312E-12	-903.1413	-4.1		
4	1.5	MODAL	Mode	5	-3.818E-12	-1.965E-12	-818.5736	-4.1		
4	1.5	MODAL	Mode	5	-3.818E-12	-1.651E-12	-727.7371	-4.1		
4	2.5	MODAL	Mode	5	-3.818E-12	-1.240E-12	-623.8281	-4.1		
4	2.5	MODAL	Mode	5	-3.818E-12	-0.834E-12	-518.0803	-4.1		
4	3.5	MODAL	Mode	5	-3.818E-12	-6.33E-13	-494.2225	-4.1		
4	3.5	MODAL	Mode	5	-3.818E-12	-1.692E-12	-433.3947	-4.1		
4	4.5	MODAL	Mode	5	-3.818E-12	1.879E-13	-274.2847	-4.1		
4	4.5	MODAL	Mode	5	-3.818E-12	5.490E-13	-181.7692	-4.1		
4	5.5	MODAL	Mode	5	-3.818E-12	0.021E-13	-69.5715	-4.1		
4	5.5	MODAL	Mode	5	-3.818E-12	1.296E-12	-4.0357	-4.1		
4	6.5	MODAL	Mode	5	-3.818E-12	1.815E-12	589.4841	-4.1		
4	6.5	MODAL	Mode	5	-3.818E-12	1.87E-12	1819.6418	-4.1		
4	7.5	MODAL	Mode	5	-3.818E-12	2.330E-12	2729.4786	-4.1		
4	7.5	MODAL	Mode	5	-3.818E-12	2.618E-12	3639.3174	-4.1		
4	8.5	MODAL	Mode	5	-3.818E-12	3.048E-12	4649.1551	-4.1		
4	8.5	MODAL	Mode	5	-3.818E-12	3.402E-12	5458.8929	-4.1		
4	9.5	MODAL	Mode	5	-3.818E-12	3.756E-12	6339.8207	-4.1		
4	9.5	MODAL	Mode	5	-3.818E-12	4.118E-12	7278.7794	-4.1		
4	10.5	MODAL	Mode	5	-3.818E-12	4.478E-12	8187.5062	-4.1		
4	10.5	MODAL	Mode	5	-3.818E-12	4.838E-12	9098.344	-4.1		
4	11.5	MODAL	Mode	5	-3.818E-12	5.197E-12	10008.1617	-4.1		
4	0.5	MODAL	Mode	6	-0.3671	513.2885	-2.702E-12	-4.1		
4	0.5	MODAL	Mode	6	-0.3991	513.3228	-2.572E-12	-4.1		

Table: Element Forces - Frames, Part 2 of 3										
Frame	Station	OutputCase	StepType	StepNum	T	MS	KS	MS	KS	PrmsElEm
	m		Mode		KN	KN	KN	KN	KN	
4	1.5	MODAL	Mode	6	-0.3991	517.3931	-2.442E-12	-4.1		
4	1.5	MODAL	Mode	6	-0.3991	517.3335	-2.311E-12	-4.1		
4	2.5	MODAL	Mode	6	-0.3991	517.4135	-2.181E-12	-4.1		
4	2.5	MODAL	Mode	6	-0.3991	517.4441	-2.051E-12	-4.1		
4	3.5	MODAL	Mode	6	-0.3991	517.4744	-1.920E-12	-4.1		
4	3.5	MODAL	Mode	6	-0.3991	517.5044	-1.790E-12	-4.1		
4	4.5	MODAL	Mode	6	-0.3991	517.5344	-1.660E-12	-4.1		
4	4.5	MODAL	Mode	6	-0.3991	517.5644	-1.529E-12	-4.1		
4	5.5	MODAL	Mode	6	-0.3991	517.5944	-1.398E-12	-4.1		
4	5.5	MODAL	Mode	6	-0.3991	517.6244	-1.268E-12	-4.1		
4	6.5	MODAL	Mode	6	-0.3991	517.6544	-1.138E-12	-4.1		
4	6.5	MODAL	Mode	6	-0.3991	517.6844	-1.008E-12	-4.1		
4	7.5	MODAL	Mode	6	-0.3991	517.7144	-8.779E-13	-4.1		
4	7.5	MODAL	Mode	6	-0.3991	517.7444	-7.471E-13	-4.1		
4	8.5	MODAL	Mode	6	-0.3991	517.7744	-6.162E-13	-4.1		
4	8.5	MODAL	Mode	6	-0.3991	517.8044	-4.853E-13	-4.1		
4	9.5	MODAL	Mode	6	-0.3991	517.8344	-3.544E-13	-4.1		
4	9.5	MODAL	Mode	6	-0.3991	517.8644	-2.235E-13	-4.1		
4	10.5	MODAL	Mode	6	-0.3991	517.8944	-9.545E-14	-4.1		
4	10.5	MODAL	Mode	6	-0.3991	517.9244	3.489E-14	-4.1		
4	11.5	MODAL	Mode	6	-0.3991	517.9544	1.832E-13	-4.1		
4	0.5	MODAL	Mode	7	-2.220E-13	-8.782E-12	70175.9988	-4.1		
4	0.5	MODAL	Mode	7	-2.220E-13	-8.438E-12	69736.3642	-4.1		
4	1.5	MODAL	Mode	7	-2.220E-13	-8.114E-12	69416.7286	-4.1		
4	1.5	MODAL	Mode	7	-2.220E-13	-7.790E-12	69097.093	-4.1		
4	2.5	MODAL	Mode	7	-2.220E-13	-7.466E-12	68777.4575	-4.1		
4	2.5	MODAL	Mode	7	-2.220E-13	-7.142E-12	68457.8219	-4.1		
4	3.5	MODAL	Mode	7	-2.220E-13	-6.818E-12	68138.1853	-4.1		
4	3.5	MODAL	Mode	7	-2.220E-13	-6.494E-12	67818.5497	-4.1		
4	4.5	MODAL	Mode	7	-2.220E-13	-6.171E-12	67498.9152	-4.1		
4	4.5	MODAL	Mode	7	-2.220E-13	-5.847E-12	67179.2796	-4.1		
4	5.5	MODAL	Mode	7	-2.220E-13	-5.523E-12	66859.644	-4.1		
4	5.5	MODAL	Mode	7	-2.220E-13	-5.199E-12	66539.9984	-4.1		
4	6.5	MODAL	Mode	7	-2.220E-13	-4.875E-12	66220.3527	-4.1		
4	6.5	MODAL	Mode	7	-2.220E-13	-4.551E-12	65900.7071	-4.1		
4	7.5	MODAL	Mode	7	-2.220E-13	-4.227E-12	65581.0615	-4.1		
4	7.5	MODAL	Mode	7	-2.220E-13	-3.903E-12	65261.4159	-4.1		
4	8.5	MODAL	Mode	7	-2.220E-13	-3.579E-12	64941.7703	-4.1		
4	8.5	MODAL	Mode	7	-2.220E-13	-3.255E-12	64622.1247	-4.1		
4	9.5	MODAL	Mode	7	-2.220E-13	-2.931E-12	64302.4791	-4.1		
4	9.5	MODAL	Mode	7	-2.220E-13	-2.607E-12	63982.8335	-4.1		
4	10.5	MODAL	Mode	7	-2.220E-13	-2.283E-12	63663.1879	-4.1		
4	10.5	MODAL	Mode	7	-2.220E-13	-1.959E-12	63343.5423	-4.1		
4	11.5	MODAL	Mode	7	-2.220E-13	-1.635E-12	63023.8967	-4.1		
4	0.5	MODAL	Mode	8	-4.924E-13	-2.076E-12	2.604E-12	-4.1		
4	0.5	MODAL	Mode	8	-4.924E-13	-2.015E-12	2.545E-12	-4.1		
4	1.5	MODAL	Mode	8	-4.924E-13	-1.954E-12	2.486E-12	-4.1		
4	1.5	MODAL	Mode	8	-4.924E-13	-1.893E-12	2.427E-12	-4.1		
4	2.5	MODAL	Mode	8	-4.924E-13	-1.832E-12	2.368E-12	-4.1		
4	2.5	MODAL	Mode	8	-4.924E-13	-1.771E-12	2.309E-12	-4.1		
4	3.5	MODAL	Mode	8	-4.924E-13	-1.710E-12	2.250E-12	-4.1		
4	3.5	MODAL	Mode	8	-4.924E-13	-1.649E-12	2.191E-12	-4.1		
4	4.5	MODAL	Mode	8	-4.924E-13	-1.588E-12	2.132E-12	-4.1		
4	4.5	MODAL	Mode	8	-4.924E-13	-1.527E-12	2.073E-12	-4.1		
4	5.5	MODAL	Mode	8	-4.924E-13	-1.466E-12	2.014E-12	-4.1		
4	5.5	MODAL	Mode	8	-4.924E-13	-1.405E-12	1.955E-12	-4.1		
4	6.5	MODAL	Mode	8	-4.924E-13	-1.344E-12	1.896E-12	-4.1		
4	6.5	MODAL	Mode	8	-4.924E-13	-1.283E-12	1.837E-12	-4.1		
4	7.5	MODAL	Mode	8	-4.924E-13	-1.222E-12	1.778E-12	-4.1		
4	7.5	MODAL	Mode	8	-4.924E-13	-1.161E-12	1.719E-12	-4.1		
4	8.5	MODAL	Mode	8	-4.924E-13	-1.100E-12	1.660E-12	-4.1		
4	8.5	MODAL	Mode	8	-4.924E-13	-1.039E-12	1.601E-12	-4.1		
4	9.5	MODAL	Mode	8	-4.924E-13	-9.78E-13	1.542E-12	-4.1		
4	9.5	MODAL	Mode	8	-4.924E-13	-9.17E-13	1.483E-12	-4.1		
4	10.5	MODAL	Mode	8	-4.924E-13	-8.56E-13	1.424E-12	-4.1		
4	10.5	MODAL	Mode	8	-4.924E-13	-7.95E-13	1.365E-12	-4.1		
4	11.5	MODAL	Mode	8	-4.924E-13	-7.34E-13	1.306E-12	-4.1		
4	0.5	MODAL	Mode	9	-7.075E-11	4.811E-11	-22070.7286	-4.1		
4	0.5	MODAL	Mode	9	-7.075E-11	4.214E-11	-22070.7416	-4.1		
4	1.5	MODAL	Mode	9	-7.075E-11	3.617E-11	-22070.7547	-4.1		
4	1.5	MODAL	Mode	9	-7.075E-11	3.020E-11	-22070.7677	-4.1		

Table: Element Forces - Frames, Part 2 of 3										
Frame	Station	OutputCase	StepType	StepNum	KN-M	KN	MM	MM	MM	FrameElem
4	1.5	LIVE		0	0	-149.5688	-4-1			
4	2	LIVE		0	0	10.8082	-4-1			
4	2.5	LIVE		0	0	1.0092	-4-1			
4	3	LIVE		0	0	315.7363	-4-1			
4	3.5	LIVE		0	0	450.0383	-4-1			
4	4	LIVE		0	0	588.8384	-4-1			
4	4.5	LIVE		0	0	732.4234	-4-1			
4	5	LIVE		0	0	885.5384	-4-1			
4	5.5	LIVE		0	0	911.2365	-4-1			
4	6	LIVE		0	0	858.7385	-4-1			
4	6.5	LIVE		0	0	732.4396	-4-1			
4	7	LIVE		0	0	588.8386	-4-1			
4	7.5	LIVE		0	0	460.0386	-4-1			
4	8	LIVE		0	0	315.7327	-4-1			
4	8.5	LIVE		0	0	173.0327	-4-1			
4	9	LIVE		0	0	10.9391	-4-1			
4	9.5	LIVE		0	0	-149.5682	-4-1			
4	10	LIVE		0	0	-315.4802	-4-1			
4	10.5	LIVE		0	0	-460.7901	-4-1			
4	11	LIVE		0	0	-620.4601	-4-1			
4	0.5	DCON1		0	0	-1253.5464	-4-1			
4	1	DCON1		0	0	-461.7117	-4-1			
4	1.5	DCON1		0	0	-382.8988	-4-1			
4	2	DCON1		0	0	-27.1396	-4-1			
4	2.5	DCON1		0	0	295.8985	-4-1			
4	3	DCON1		0	0	575.3085	-4-1			
4	3.5	DCON1		0	0	811.8004	-4-1			
4	4	DCON1		0	0	1005.8236	-4-1			
4	4.5	DCON1		0	0	1156.236	-4-1			
4	5	DCON1		0	0	1283.8147	-4-1			
4	5.5	DCON1		0	0	1328.3636	-4-1			
4	6	DCON1		0	0	1349.8787	-4-1			
4	6.5	DCON1		0	0	1328.3631	-4-1			
4	7	DCON1		0	0	1283.8158	-4-1			
4	7.5	DCON1		0	0	1156.2367	-4-1			
4	8	DCON1		0	0	1005.8258	-4-1			
4	8.5	DCON1		0	0	811.8032	-4-1			
4	9	DCON1		0	0	575.3088	-4-1			
4	9.5	DCON1		0	0	385.8027	-4-1			
4	10	DCON1		0	0	-27.1351	-4-1			
4	10.5	DCON1		0	0	-382.8948	-4-1			
4	11	DCON1		0	0	-601.7082	-4-1			
4	0.5	DCON2		0	0	-1253.5399	-4-1			
4	1	DCON2		0	0	-424.7368	-4-1			
4	1.5	DCON2		0	0	-1521.8331	-4-1			
4	2	DCON2		0	0	-105.1011	-4-1			
4	2.5	DCON2		0	0	-251.4808	-4-1			
4	3	DCON2		0	0	-312.0077	-4-1			
4	3.5	DCON2		0	0	824.3944	-4-1			
4	4	DCON2		0	0	1285.514	-4-1			
4	4.5	DCON2		0	0	1686.6828	-4-1			
4	5	DCON2		0	0	2054.8441	-4-1			
4	5.5	DCON2		0	0	2362.4738	-4-1			
4	6	DCON2		0	0	2316.1718	-4-1			

Table: Element Forces - Frames, Part 2 of 3										
Frame	Station	OutputCase	StepType	StepNum	KN-M	KN	MM	MM	MM	FrameElem
4	5.5	DCON2		0	0	0	2716.738	-4-1		
4	6	DCON2		0	0	0	2516.1724	-4-1		
4	6.5	DCON2		0	0	0	2382.4761	-4-1		
4	7	DCON2		0	0	0	2054.8481	-4-1		
4	7.5	DCON2		0	0	0	1885.5853	-4-1		
4	8	DCON2		0	0	0	1285.9327	-4-1		
4	8.5	DCON2		0	0	0	824.3584	-4-1		
4	9	DCON2		0	0	0	312.0124	-4-1		
4	9.5	DCON2		0	0	0	-251.4724	-4-1		
4	10	DCON2		0	0	0	-868.088	-4-1		
4	11	DCON2		0	0	0	-1531.5453	-4-1		
4	0.5	DEAD		0	0	0	-3549.294	-4-1		
4	0.47393	DEAD		0	0	0	1048.7585	-6-1		
4	0.51088	DEAD		0	0	0	759.6657	-6-1		
4	1.37498	DEAD		0	0	0	447.8819	-6-1		
4	1.8333	DEAD		0	0	0	111.4351	-6-1		
4	0	MODAL	Mode	1	2874.5231	275.8104	-2.172E-09	-6-1		
4	0.45833	MODAL	Mode	1	2774.5231	-42.4974	-2.517E-09	-6-1		
4	0.91665	MODAL	Mode	1	2874.5231	-359.8251	1.13E-09	-6-1		
4	1.37498	MODAL	Mode	1	2174.5231	-577.2428	4.788E-09	-6-1		
4	1.8333	MODAL	Mode	1	2874.7331	-894.8885	8.432E-09	-6-1		
4	0	MODAL	Mode	2	-5.823E-09	1.422E-08	-4.641E-11	-6-1		
4	0.45833	MODAL	Mode	2	-5.823E-09	5.280E-09	-4.641E-11	-6-1		
4	0.91665	MODAL	Mode	2	-5.823E-09	-3.580E-09	-4.641E-11	-6-1		
4	1.37498	MODAL	Mode	2	-5.823E-09	-1.280E-08	-5.174E-11	-6-1		
4	1.8333	MODAL	Mode	2	-5.823E-09	-2.154E-08	-5.531E-11	-6-1		
4	0	MODAL	Mode	3	-5471.5962	4705.7118	-2.893E-07	-6-1		
4	0.45833	MODAL	Mode	3	-6488.6362	5190.2434	-1.184E-07	-6-1		
4	0.91665	MODAL	Mode	3	-6488.6362	5554.7793	5.257E-08	-6-1		
4	1.37498	MODAL	Mode	3	-6488.6362	5970.3071	2.235E-07	-6-1		
4	1.8333	MODAL	Mode	3	-6488.6362	6403.839	3.845E-07	-6-1		
4	0	MODAL	Mode	4	7.240E-12	-5.418E-12	8.419E-09	-6-1		
4	0.45833	MODAL	Mode	4	7.240E-12	-4.209E-12	8.084E-09	-6-1		
4	0.91665	MODAL	Mode	4	7.240E-12	-3.102E-12	9750.4428	-6-1		
4	1.37498	MODAL	Mode	4	7.240E-12	-1.944E-12	1410.0254	-6-1		
4	1.8333	MODAL	Mode	4	7.240E-12	-7.559E-13	-918.5858	-6-1		
4	0	MODAL	Mode	5	-3.498E-12	2.387E-12	-1.0873E-09	-6-1		
4	0.45833	MODAL	Mode	5	-3.498E-12	6.807E-12	-9.682E-10	-6-1		
4	0.91665	MODAL	Mode	5	-3.498E-12	1.602E-11	-8.091E-10	-6-1		
4	1.37498	MODAL	Mode	5	-3.498E-12	2.149E-11	-4700.1301	-6-1		
4	1.8333	MODAL	Mode	5	-3.498E-12	2.738E-11	-5385.0771	-6-1		
4	0	MODAL	Mode	6	3257.8873	-835.4835	-5.434E-12	-6-1		
4	0.45833	MODAL	Mode	6	3257.8873	78.8483	-3.893E-12	-6-1		
4	0.91665	MODAL	Mode	6	3257.8873	882.7711	-1.342E-12	-6-1		
4	1.37498	MODAL	Mode	6	3257.8873	1306.9059	1.189E-12	-6-1		
4	1.8333	MODAL	Mode	6	3257.8873	1821.0156	3.740E-12	-6-1		
4	0	MODAL	Mode	7	-1.274E-12	0.8835E-12	8947.4837	-6-1		
4	0.45833	MODAL	Mode	7	-1.274E-12	-1.077E-11	12851.0215	-6-1		
4	0.91665	MODAL	Mode	7	-1.274E-12	-2.859E-11	58845.7983	-6-1		
4	1.37498	MODAL	Mode	7	-1.274E-12	-4.822E-11	55029.8971	-6-1		
4	1.8333	MODAL	Mode	7	-1.274E-12	-8.328E-11	51214.0348	-6-1		
4	0	MODAL	Mode	8	-48415.3158	58847.0331	5.844E-12	-6-1		
4	0.45833	MODAL	Mode	8	-48415.3158	58871.9083	1.841E-12	-6-1		

Table: Element Forces - Frames, Part 2 of 3										
Frame	Station	OutputCase	StepType	StepNum	KN-M	KN	MM	MM	MM	FrameElem
6	0.91665	MODAL	Mode	8	-48415.3158	58885.9095	-2.192E-12	-6-1		
6	1.37498	MODAL	Mode	8	-48415.3158	58919.128	-8.185E-12	-6-1		
6	1.8333	MODAL	Mode	8	-48415.3158	58949.818	-1.51E-11	-6-1		
6	0	MODAL	Mode	9	3.010E-12	-2.510E-12	-1.00723E-07	-6-1		
6	0.45833	MODAL	Mode	9	3.010E-12	-1.802E-12	-8.2678E-08	-6-1		
6	0.91665	MODAL	Mode	9	3.010E-12	-8.847E-13	-5.6838E-09	-6-1		
6	1.37498	MODAL	Mode	9	3.010E-12	-2.120E-12	-2.8592E-09	-6-1		
6	1.8333	MODAL	Mode	9	3.010E-12	-1.121E-12	-1.844E-09	-6-1		
6	0	MODAL	Mode	10	-3433.0291	78327.2368	-1.832E-11	-6-1		
6	0.45833	MODAL	Mode	10	-3433.0291	2078.5243	2.861E-12	-6-1		
6	0.91665	MODAL	Mode	10	-3433.0291	-7213.9878	2.37E-11	-6-1		
6	1.37498	MODAL	Mode	10	-3433.0291	-148418.5	4.472E-11	-6-1		
6	1.8333	MODAL	Mode	10	-3433.0291	-320897.212	8.674E-11	-6-1		
6	0	MODAL	Mode	11	2.891E-12	-1.580E-12	233821.8785	-6-1		
6	0.45833	MODAL	Mode	11	2.891E-12	-5.686E-12	122422.77E	-6-1		
6	0.91665	MODAL	Mode	11	2.891E-12	-2.149E-12	10924.2838	-6-1		
6	1.37498	MODAL	Mode	11	2.891E-12	-1.27E-11	-1.00574E-12	-6-1		
6	1.8333	MODAL	Mode	11	2.891E-12	-1.624E-11	-2.1207E-10	-6-1		
6	0	MODAL	Mode	12	5.202E-11	-4.083E-11	-43450.1718	-6-1		
6	0.45833	MODAL	Mode	12	5.202E-11	-8.787E-12	-44872.8718	-6-1		
6	0.91665	MODAL	Mode	12	5.202E-11	2.325E-11	-82294.872	-6-1		
6	1.37498	MODAL	Mode	12	5.202E-11	5.830E-11	-4717.3722	-6-1		
6	1.8333	MODAL	Mode	12	5.202E-11	8.734E-11	-49138.7724	-6-1		
6	0	LIVE		0	0	324.5406	-6-1			
6	0.45833	LIVE		0	0	217.3093	-6-1			
6	0.91665	LIVE		0	0	110.9781	-6-1			
6	1.37498	LIVE		0	0	2.5488	-6-1			

Table: Element Forces - Frames, Part 2 of 3												
Frame	Station	OutputCase	StepType	StepNum	T	MS	KS	MS	KS	MS	KS	FrameElem
7	0	DCON1	Mode	1	0	0	-297.9533	7.1	0	0	-491.1609	7.1
7	0.45833	DCON1	Mode	1	0	0	-717.4205	7.1	0	0	-976.7321	7.1
7	0.91666	DCON1	Mode	1	0	0	-1264.0959	7.1	0	0	-1438.8075	7.1
7	1.37498	DCON1	Mode	1	0	0	-1720.4931	7.1	0	0	-1935.3408	7.1
7	1.8333	DCON1	Mode	1	0	0	-2176.8857	7.1	0	0	-2441.8789	7.1
7	0.47333	DCON2	Mode	1	0	0	-1035.3408	7.1	0	0	-1264.0959	7.1
7	0.91666	DCON2	Mode	1	0	0	-1583.2606	7.1	0	0	-1874.2224	7.1
7	1.37498	DCON2	Mode	1	0	0	-2131.0959	7.1	0	0	-2441.8789	7.1
8	0	DEAD	Mode	1	0	0	-421.5726	8.1	0	0	-642.2054	8.1
8	0.45833	DEAD	Mode	1	0	0	-681.2633	8.1	0	0	-1035.3408	8.1
8	0.91666	DEAD	Mode	1	0	0	-1035.3408	8.1	0	0	-1583.2606	8.1
8	1.37498	DEAD	Mode	1	0	0	-1583.2606	8.1	0	0	-2131.0959	8.1
8	1.8333	DEAD	Mode	1	0	0	-2131.0959	8.1	0	0	-2679.0167	8.1
9	0	MODAL	Mode	1	556.4103	-1720.4123	-1.3125E-08	8.1	0	0	-1.3125E-08	8.1
9	0.45833	MODAL	Mode	1	538.4103	-1781.3601	-6.6205E-09	8.1	0	0	-6.6205E-09	8.1
9	0.91666	MODAL	Mode	1	508.4103	-1942.288	-7.594E-11	8.1	0	0	-7.594E-11	8.1
9	1.37498	MODAL	Mode	1	508.4103	-1903.2258	-6.871E-09	8.1	0	0	-6.871E-09	8.1
9	1.8333	MODAL	Mode	1	508.4103	-1864.1637	-1.327E-09	8.1	0	0	-1.327E-09	8.1
9	0	MODAL	Mode	2	-8.114E-09	-7.499E-07	-3.0174184	8.1	0	0	-3.0174184	8.1
9	0.45833	MODAL	Mode	2	-8.114E-09	-1.824E-08	-2.3213525	8.1	0	0	-2.3213525	8.1
9	0.91666	MODAL	Mode	2	-8.114E-09	-7.854E-07	-1.0284988	8.1	0	0	-1.0284988	8.1
9	1.37498	MODAL	Mode	2	-8.114E-09	-1.236E-06	-931.0207	8.1	0	0	-931.0207	8.1
9	1.8333	MODAL	Mode	2	-8.114E-09	-2.333E-06	-235.5548	8.1	0	0	-235.5548	8.1
9	0	MODAL	Mode	3	-6215.8589	3538.3257	-6.130E-07	8.1	0	0	-6.130E-07	8.1
9	0.45833	MODAL	Mode	3	-6215.8589	2731.1878	-6.045E-07	8.1	0	0	-6.045E-07	8.1
9	0.91666	MODAL	Mode	3	-6215.8589	1924.0465	-4.102E-09	8.1	0	0	-4.102E-09	8.1
9	1.37498	MODAL	Mode	3	-6215.8589	1118.9114	-3.127E-07	8.1	0	0	-3.127E-07	8.1
9	1.8333	MODAL	Mode	3	-6215.8589	359.7734	-8.212E-07	8.1	0	0	-8.212E-07	8.1
9	0	MODAL	Mode	4	8.843E-12	-8.808E-12	-6.908.6001	8.1	0	0	-6.908.6001	8.1
9	0.45833	MODAL	Mode	4	8.843E-12	-8.830E-12	-6.924.131	8.1	0	0	-6.924.131	8.1
9	0.91666	MODAL	Mode	4	8.843E-12	-8.852E-12	-6.939.762	8.1	0	0	-6.939.762	8.1
9	1.37498	MODAL	Mode	4	8.843E-12	-8.874E-12	-7.275.373	8.1	0	0	-7.275.373	8.1
9	1.8333	MODAL	Mode	4	8.843E-12	-8.896E-12	-7.711.0239	8.1	0	0	-7.711.0239	8.1
9	0	MODAL	Mode	5	-5.490E-12	-5.548E-11	-2.940.4923	8.1	0	0	-2.940.4923	8.1
9	0.45833	MODAL	Mode	5	-5.490E-12	-1.807E-11	-1.427.4325	8.1	0	0	-1.427.4325	8.1
9	0.91666	MODAL	Mode	5	-5.490E-12	-2.039E-11	-1.132.3728	8.1	0	0	-1.132.3728	8.1
9	1.37498	MODAL	Mode	5	-5.490E-12	-5.870E-11	-428.213	8.1	0	0	-428.213	8.1
9	1.8333	MODAL	Mode	5	-5.490E-12	-8.710E-11	-275.7487	8.1	0	0	-275.7487	8.1
9	0	MODAL	Mode	6	841.5175	3359.2642	-5.808E-12	8.1	0	0	-5.808E-12	8.1
9	0.45833	MODAL	Mode	6	841.5175	361.5332	-2.388E-12	8.1	0	0	-2.388E-12	8.1
9	0.91666	MODAL	Mode	6	841.5175	3097.8022	-8.370E-13	8.1	0	0	-8.370E-13	8.1
9	1.37498	MODAL	Mode	6	841.5175	3.28.7402	-4.080E-12	8.1	0	0	-4.080E-12	8.1
9	1.8333	MODAL	Mode	6	841.5175	3.8.5401	-7.283E-12	8.1	0	0	-7.283E-12	8.1
9	0	MODAL	Mode	7	-8.852E-13	-8.404E-12	-2.8513.3507	8.1	0	0	-2.8513.3507	8.1
9	0.45833	MODAL	Mode	7	-8.852E-13	-2.859E-12	-21297.5724	8.1	0	0	-21297.5724	8.1
9	0.91666	MODAL	Mode	7	-8.852E-13	-1.111E-11	-1493.094	8.1	0	0	-1493.094	8.1
9	1.37498	MODAL	Mode	7	-8.852E-13	-2.837E-11	-776.2957	8.1	0	0	-776.2957	8.1
9	1.8333	MODAL	Mode	7	-8.852E-13	-1.819E-11	-6494.0093	8.1	0	0	-6494.0093	8.1
9	0	MODAL	Mode	8	-7.652E-13	-3.232E-11	-488.3828	8.1	0	0	-488.3828	8.1
9	0.45833	MODAL	Mode	8	-44791.144	24149.8028	-1.238E-11	8.1	0	0	-1.238E-11	8.1
9	0.91666	MODAL	Mode	8	-44791.144	178.72892	-7.545E-12	8.1	0	0	-7.545E-12	8.1
9	1.37498	MODAL	Mode	8	-44791.144	117.24.7176	-2.708E-12	8.1	0	0	-2.708E-12	8.1
9	1.8333	MODAL	Mode	8	-44791.144	5672.1751	-2.128E-12	8.1	0	0	-2.128E-12	8.1

Table: Element Forces - Frames, Part 2 of 3												
Frame	Station	OutputCase	StepType	StepNum	T	MS	KS	MS	KS	MS	KS	FrameElem
					KN-m	KN-m	KN-m	KN-m	KN-m	KN-m	KN-m	
8	1.8333	MODAL	Mode	8	-44791.144	-820.3678	6.087E-12	8.1				8-1
8	0	MODAL	Mode	8	2.879E-12	-3.890E-12	83005.1694	8.1				8-1
8	0.45833	MODAL	Mode	8	2.879E-12	-4.830E-12	81638.8123	8.1				8-1
8	0.91666	MODAL	Mode	8	2.879E-12	-5.410E-12	100271.4351	8.1				8-1
8	1.37498	MODAL	Mode	8	2.879E-12	-6.108E-12	108904.0570	8.1				8-1
8	1.8333	MODAL	Mode	8	2.879E-12	-6.969E-12	11783.8968	8.1				8-1
8	0	MODAL	Mode	10	-478.541	-48888.57	-4.434E-11	8.1				8-1
8	0.45833	MODAL	Mode	10	-478.541	-52748.81	-4.872E-11	8.1				8-1
8	0.91666	MODAL	Mode	10	-478.541	-55007.4	-5.207E-11	8.1				8-1
8	1.37498	MODAL	Mode	10	-478.541	-58428.21	-1.141E-11	8.1				8-1
8	1.8333	MODAL	Mode	10	-478.541	-61945.22	-2.535E-12	8.1				8-1
8	0	MODAL	Mode	11	2.941E-12	1.712E-12	3.1365E-4	8.1				8-1
8	0.45833	MODAL	Mode	11	2.941E-12	4.407E-12	-23450.546	8.1				8-1
8	0.91666	MODAL	Mode	11	2.941E-12	7.122E-12	-15595.882	8.1				8-1
8	1.37498	MODAL	Mode	11	2.941E-12	9.878E-12	-70.10.7377	8.1				8-1
8	1.8333	MODAL	Mode	11	2.941E-12	1.273E-11	-2374.0185	8.1				8-1
8	0	MODAL	Mode	12	5.080E-11	-4.570E-11	1379.0570	8.1				8-1
8	0.45833	MODAL	Mode	12	5.080E-11	-7.910E-11	10331.5084	8.1				8-1
8	0.91666	MODAL	Mode	12	5.080E-11	-1.125E-10	25094.0851	8.1				8-1
8	1.37498	MODAL	Mode	12	5.080E-11	-1.458E-10	35839.5758	8.1				8-1
8	1.8333	MODAL	Mode	12	5.080E-11	-1.793E-10	45769.0686	8.1				8-1
9	0	LIVE	Mode	0	0	0	-323.4311	8.1				9-1
9	0.45833	LIVE	Mode	0	0	0	-342.1217	8.1				9-1
9	0.91666	LIVE	Mode	0	0	0	-360.8279	8.1				9-1
9	1.37498	LIVE	Mode	0	0	0	-379.5263	8.1				9-1
9	1.8333	LIVE	Mode	0	0	0	-398.2247	8.1				9-1
9	0	DCON1	Mode	0	0	0	-1244.125	8.1				9-1
9	0.45833	DCON1	Mode	0	0	0	-1274.7357	8.1				9-1
9	0.91666	DCON1	Mode	0	0	0	-1332.4084	8.1				9-1
9	1.37498	DCON1	Mode	0	0	0	-1428.1175	8.1				9-1
9	1.8333	DCON1	Mode	0	0	0	-1552.8172	8.1				9-1
9	0	DCON2	Mode	0	0	0	-1725.2688	8.1				9-1
9	0.45833	DCON2	Mode	0	0	0	-1784.8288	8.1				9-1
9	0.91666	DCON2	Mode	0	0	0	-1873.6423	8.1				9-1
9	1.37498	DCON2	Mode	0	0	0	-1983.4087	8.1				9-1
9	1.8333	DCON2	Mode	0	0	0	-2150.2232	8.1				9-1
9	0	DEAD	Mode	0	0	0	-1150.2077	8.1				9-1
9	0.45833	DEAD	Mode	0	0	0	-1058.338	8.1				9-1
9	0.91666	DEAD	Mode	0	0	0	-866.8813	8.1				9-1
9	1.37498	DEAD	Mode	0	0	0	-642.0676	8.1				9-1
9	1.8333	DEAD	Mode	0	0	0	-421.827	8.1				9-1
9	0	MODAL	Mode	1	-495.3491	-1984.1683	-1.324E-08	8.1				9-1
9	0.45833	MODAL	Mode	1	-495.3491	-1903.2447	-7.709E-09	8.1				9-1
9	0.91666	MODAL	Mode	1	-495.3491	-1842.324	-2.181E-08	8.1				9-1
9	1.37498	MODAL	Mode	1	-495.3491	-1731.4094	-3.337E-09	8.1				9-1
9	1.8333	MODAL	Mode	1	-495.3491	-1720.4828	-8.304E-09	8.1				9-1
9	0	MODAL	Mode	2	-7.348E-09	2.324E-08	236.5126	9.1				9-1
9	0.45833	MODAL	Mode	2	-6.349E-09	8.229E-07	630.8751	9.1				9-1
9	0.91666	MODAL	Mode	2	-6.349E-09	-7.794E-07	1626.4377	9.1				9-1
9	1.37498	MODAL	Mode	2	-6.349E-09	-1.717E-06	2321.3005	9.1				9-1
9	1.8333	MODAL	Mode	2	-6.349E-09	-3.877E-06	3017.9329	9.1				9-1
9	0	MODAL	Mode	3	-6215.6378	-303.7323	2.207E-07	9.1				9-1
9	0.45833	MODAL	Mode	3	-6215.6378	-1118.8741	3.997E-07	9.1				9-1
9	0.91666	MODAL	Mode	3	-6215.6378	-1924.0129	8.886E-08	9.1				9-1

Table: Element Forces - Frames, Part 2 of 3												
Frame	Station	OutputCase	StepType	StepNum	KN-m	KN	MM	KN-m	KN-m	KN-m	KN-m	FrameStatus
10	0.4533	MODAL	Mode	9	2.813E-12	8.883E-12	7.514,5089	10-1				
10	0.91665	MODAL	Mode	9	2.813E-12	1.310E-12	40385,4053	10-1				
10	1.37488	MODAL	Mode	9	2.813E-12	-3.09E-12	18118,3016	10-1				
10	1.8333	MODAL	Mode	9	2.813E-12	-6.037E-12	-4129,602	10-1				
10	0	MODAL	Mode	10	2035,2343	-50777,01	4,543E-11	10-1				
10	0.45833	MODAL	Mode	10	2035,2343	-399277,34	2,356E-11	10-1				
10	0.91665	MODAL	Mode	10	2035,2343	-399277,33	1,885E-12	10-1				
10	1.37488	MODAL	Mode	10	2035,2343	-284527,90	-2,018E-11	10-1				
10	1.8333	MODAL	Mode	10	2035,2343	-217770,317	-4,206E-11	10-1				
10	0	MODAL	Mode	11	3,107E-12	-2,343E-11	311817,3911	10-1				
10	0.45833	MODAL	Mode	11	3,107E-12	-1,008E-11	286024,5908	10-1				
10	0.91665	MODAL	Mode	11	3,107E-12	3,243E-12	260431,7806	10-1				
10	1.37488	MODAL	Mode	11	3,107E-12	1,688E-11	234838,9804	10-1				
10	1.8333	MODAL	Mode	11	3,107E-12	2,897E-11	200,140,1902	10-1				
10	0	MODAL	Mode	12	5,201E-11	1,048E-11	6967,7457	10-1				
10	0.45833	MODAL	Mode	12	5,201E-11	5,811E-11	-7165,8702	10-1				
10	0.91665	MODAL	Mode	12	5,201E-11	1,017E-10	-21175,3101	10-1				
10	1.37488	MODAL	Mode	12	5,201E-11	1,474E-10	-35203,4021	10-1				
10	1.8333	MODAL	Mode	12	5,201E-11	1,930E-10	-48227,116	10-1				
10	0	LIVE		0	0	0	-330,1022	10-1				
10	0.45833	LIVE		0	0	0	-271,0407	10-1				
10	0.91665	LIVE		0	0	0	-152,8179	10-1				
10	1.37488	LIVE		0	0	0	-93,8554	10-1				
10	1.8333	LIVE		0	0	0	-1289,1745	10-1				
10	0	DCON1		0	0	0	-979,8549	10-1				
10	0.45833	DCON1		0	0	0	-717,1384	10-1				
10	0.91665	DCON1		0	0	0	-491,2811	10-1				
10	1.37488	DCON1		0	0	0	-280,0875	10-1				
10	1.8333	DCON1		0	0	0	-1764,3278	10-1				
10	0.45833	DCON2		0	0	0	-1343,3857	10-1				
10	0.91665	DCON2		0	0	0	-1035,4658	10-1				
10	1.37488	DCON2		0	0	0	-720,8579	10-1				
10	1.8333	DCON2		0	0	0	-435,872	10-1				
11	0	DEAD		0	0	0	-248,4094	11-1				
11	0.4533	DEAD		0	0	0	111,2748	11-1				
11	0.91675	DEAD		0	0	0	447,6508	11-1				
11	1.37512	DEAD		0	0	0	759,1481	11-1				
11	1.8335	DEAD		0	0	0	1046,7572	11-1				
11	0	MODAL	Mode	1	-2874,4695	-994,7896	3,914E-09	11-1				
11	0.45837	MODAL	Mode	1	-2874,4695	-777,3638	2,909E-09	11-1				
11	0.91675	MODAL	Mode	1	-2874,4695	-350,9113	1,902E-09	11-1				
11	1.37512	MODAL	Mode	1	-3374,4895	-42,4548	8,949E-10	11-1				
11	1.8336	MODAL	Mode	1	-3874,4895	274,3974	-1,196E-10	11-1				
11	0	MODAL	Mode	2	-7,100E-09	3,295E-08	5891,0424	11-1				
11	0.45837	MODAL	Mode	2	-7,100E-09	2,491E-08	5174,3769	11-1				
11	0.91675	MODAL	Mode	2	-7,100E-09	1,625E-08	4517,7115	11-1				
11	1.37512	MODAL	Mode	2	-7,100E-09	7,599E-07	4461,046	11-1				
11	1.8335	MODAL	Mode	2	-7,100E-09	-1,099E-07	4104,3808	11-1				
11	0	MODAL	Mode	3	-5495,4743	-8403,6372	1,485E-07	11-1				
11	0.45837	MODAL	Mode	3	-5495,4743	-8078,31	1,485E-07	11-1				
11	0.91675	MODAL	Mode	3	-5496,4743	-5554,7828	1,307E-07	11-1				
11	1.37512	MODAL	Mode	3	-5496,4743	-5130,2157	5,810E-08	11-1				
11	1.8335	MODAL	Mode	3	-5496,4743	-4705,8588	1,151E-08	11-1				

Table: Element Forces - Frames, Part 2 of 3												
Frame	Station	OutputCase	StepType	StepNum	KN-m	KN	MM	KN-m	KN-m	KN-m	KN-m	FrameStatus
11	0	MODAL	Mode	4	7,020E-12	-8,747E-12	-918,3138	11-1				
11	0.45837	MODAL	Mode	4	7,020E-12	-3,173E-12	1416,42	11-1				
11	0.91675	MODAL	Mode	4	7,020E-12	-2,720E-13	3781,1065	11-1				
11	1.37512	MODAL	Mode	4	7,020E-12	2,823E-12	6085,7391	11-1				
11	1.8335	MODAL	Mode	4	7,020E-12	5,520E-12	9420,4786	11-1				
11	0	MODAL	Mode	5	-3,878E-12	7,887E-11	5308,7414	11-1				
11	0.45837	MODAL	Mode	5	-3,878E-12	5,782E-11	8698,746	11-1				
11	0.91675	MODAL	Mode	5	-3,878E-12	3,895E-11	8090,7485	11-1				
11	1.37512	MODAL	Mode	5	-3,878E-12	-4,514E-12	10872,7888	11-1				
11	1.8335	MODAL	Mode	5	-3,878E-12	1,603E-11	8481,7522	11-1				
11	0	MODAL	Mode	6	-3,878E-12	-4,514E-12	10872,7888	11-1				
11	0.45837	MODAL	Mode	6	-3,878E-12	1,603E-11	8481,7522	11-1				
11	0.91675	MODAL	Mode	6	-3,878E-12	3,895E-11	8090,7485	11-1				
11	1.37512	MODAL	Mode	6	-3,878E-12	-4,514E-12	10872,7888	11-1				
11	1.8335	MODAL	Mode	6	-3,878E-12	1,603E-11	8481,7522	11-1				
11	0	MODAL	Mode	7	-8,058E-13	1,178E-10	-51212,8393	11-1				
11	0.45837	MODAL	Mode	7	-8,058E-13	8,892E-11	-27620,5272	11-1				
11	0.91675	MODAL	Mode	7	-8,058E-13	5,879E-11	-26944,6181	11-1				
11	1.37512	MODAL	Mode	7	-8,058E-13	2,924E-11	-23880,8089	11-1				
11	1.8335	MODAL	Mode	7	-8,058E-13	-2,775E-13	-60477,1989	11-1				
11	0	MODAL	Mode	8	-48815,0952	-38543,4475	0,778E-12	11-1				
11	0.45837	MODAL	Mode	8	-48815,0952	-38418,5544	3,110E-12	11-1				
11	0.91675	MODAL	Mode	8	-48815,0952	-38095,2813	-3,857E-12	11-1				
11	1.37512	MODAL	Mode	8	-48815,0952	-38371,8882	-1,022E-11	11-1				
11	1.8335	MODAL	Mode	8	-48815,0952	-38646,0751	-1,540E-11	11-1				
11	0	MODAL	Mode	8	2,907E-12	-8,071E-12	-1536,6545	11-1				
11	0.45837	MODAL	Mode	8	2,907E-12	-5,118E-12	-2863,6174	11-1				
11	0.91675	MODAL	Mode	8	2,907E-12	-2,691E-12	-53630,5002	11-1				
11	1.37512	MODAL	Mode	8	2,907E-12	1,335E-13	-52977,749	11-1				
11	1.8335	MODAL	Mode	8	2,907E-12	2,848E-12	-30734,806	11-1				
11	0	MODAL	Mode	10	3432,7547	-220708,365	-4,239E-11	11-1				
11	0.45837	MODAL	Mode	10	3432,7547	-146440,348	-2,794E-11	11-1				
11	0.91675	MODAL	Mode	10	3432,7547	-72190,3415	-1,350E-11	11-1				
11	1.37512	MODAL	Mode	10	3432,7547	2068,655	9,510E-13	11-1				
11	1.8335	MODAL	Mode	10	3432,7547	76327,8710	1,540E-11	11-1				
11	0	MODAL	Mode	11	3,239E-12	2,960E-11	21217,4698	11-1				
11	0.45837	MODAL	Mode	11	3,239E-12	2,289E-11	100607,8337	11-1				
11	0.91675	MODAL	Mode	11	3,239E-12	1,577E-11	-10902,2131	11-1				
11	1.37512	MODAL	Mode	11	3,239E-12	8,883E-12	-122412,06	11-1				
11	1.8335	MODAL	Mode	11	3,239E-12	1,818E-12	-233921,907	11-1				
11	0	MODAL	Mode	12	5,933E-11	1,949E-10	-48136,8548	11-1				
11	0.45837	MODAL	Mode	12	5,933E-11	1,275E-10	-47715,2533	11-1				
11	0.91675	MODAL	Mode	12	5,933E-11	1,189E-10	-46203,9121	11-1				
11	1.37512	MODAL	Mode	12	5,933E-11	7,832E-11	-44872,5408	11-1				
11	1.8335	MODAL	Mode	12	5,933E-11	3,672E-11	-43411,1600	11-1				
11	0	LIVE		0	0	0	-104,419	11-1				
11	0.45837	LIVE		0	0	0	2,8209	11-1				
11	0.91675	LIVE		0	0	0	110,0309	11-1				
11	1.37512	LIVE		0	0	0	217,3008	11-1				
11	1.8335	LIVE		0	0	0	324,5408	11-1				
11	0	DCON1		0	0	0	-333,7027	11-1				
11	0.45837	DCON1		0	0	0	150,3424	11-1				
11	0.91675	DCON1		0	0	0	804,3293	11-1				
11	1.37512	DCON1		0	0	0	1025,2549	11-1				

Table: Element Forces - Frames, Part 3 of 3												
Frame	Station	OutputCase	StepType	StepNum	KN-m	KN	MM	KN-m	KN-m	KN-m	KN-m	FrameStatus
11	1.8335	DCON1		0	0	0	1413,1223	11-1				
11	0	DCON2		0	0	0	-493,3312	11-1				
11	0.45837	DCON2		0	0	0	154,3738	11-1				

Table: Element Forces - Frames, Part 3 of 3					
Frame	Station	Output Case	Step Type	Step Num	Elevation
4	4.10.84	DOCN2		3-1	4.1084
4	0	DEAD		4-1	0
4	0.5	DEAD		4-1	0.5
4	1	DEAD		4-1	1
4	1.5	DEAD		4-1	1.5
4	2	DEAD		4-1	2
4	2.5	DEAD		4-1	2.5
4	3	DEAD		4-1	3
4	3.5	DEAD		4-1	3.5
4	4	DEAD		4-1	4
4	4.5	DEAD		4-1	4.5
4	5	DEAD		4-1	5
4	5.5	DEAD		4-1	5.5
4	6	DEAD		4-1	6
4	6.5	DEAD		4-1	6.5
4	7	DEAD		4-1	7
4	7.5	DEAD		4-1	7.5
4	8	DEAD		4-1	8
4	8.5	DEAD		4-1	8.5
4	9	DEAD		4-1	9
4	9.5	DEAD		4-1	9.5
4	10	DEAD		4-1	10
4	10.5	DEAD		4-1	10.5
4	11	DEAD		4-1	11
4	0	MOD/L	Mode	1	0
4	0.5	MODAL	Mode	1	0.5
4	1	MODAL	Mode	1	1
4	1.5	MODAL	Mode	1	1.5
4	2	MODAL	Mode	1	2
4	2.5	MODAL	Mode	1	2.5
4	3	MODAL	Mode	1	3
4	3.5	MODAL	Mode	1	3.5
4	4	MODAL	Mode	1	4
4	4.5	MODAL	Mode	1	4.5
4	5	MODAL	Mode	1	5
4	5.5	MODAL	Mode	1	5.5
4	6	MODAL	Mode	1	6
4	6.5	MODAL	Mode	1	6.5
4	7	MODAL	Mode	1	7
4	7.5	MODAL	Mode	1	7.5
4	8	MODAL	Mode	1	8
4	8.5	MODAL	Mode	1	8.5
4	9	MODAL	Mode	1	9
4	9.5	MODAL	Mode	1	9.5
4	10	MOD/L	Mode	1	10
4	10.5	MODAL	Mode	1	10.5
4	11	MODAL	Mode	1	11
4	0	MODAL	Mode	2	0
4	0.5	MODAL	Mode	2	0.5
4	1	MODAL	Mode	2	1
4	1.5	MODAL	Mode	2	1.5
4	2	MODAL	Mode	2	2
4	2.5	MODAL	Mode	2	2.5
4	3	MODAL	Mode	2	3

Table: Element Forces - Frames, Part 3 of 3					
Frame	Station	Output Case	Step Type	Step Num	Elevation
4	3.5	MODAL	Mode	2	3.5
4	4	MODAL	Mode	2	4
4	4.5	MODAL	Mode	2	4.5
4	5	MODAL	Mode	2	5
4	5.5	MODAL	Mode	2	5.5
4	6	MOD/L	Mode	2	6
4	6.5	MODAL	Mode	2	6.5
4	7	MODAL	Mode	2	7
4	7.5	MODAL	Mode	2	7.5
4	8	MODAL	Mode	2	8
4	8.5	MODAL	Mode	2	8.5
4	9	MOD/L	Mode	2	9
4	9.5	MODAL	Mode	2	9.5
4	10	MODAL	Mode	2	10
4	10.5	MODAL	Mode	2	10.5
4	11	MODAL	Mode	2	11
4	0	MODAL	Mode	3	0
4	0.5	MODAL	Mode	3	0.5
4	1	MODAL	Mode	3	1
4	1.5	MODAL	Mode	3	1.5
4	2	MODAL	Mode	3	2
4	2.5	MODAL	Mode	3	2.5
4	3	MODAL	Mode	3	3
4	3.5	MODAL	Mode	3	3.5
4	4	MODAL	Mode	3	4
4	4.5	MODAL	Mode	3	4.5
4	5	MODAL	Mode	3	5
4	5.5	MODAL	Mode	3	5.5
4	6	MODAL	Mode	3	6
4	6.5	MODAL	Mode	3	6.5
4	7	MODAL	Mode	3	7
4	7.5	MODAL	Mode	3	7.5
4	8	MODAL	Mode	3	8
4	8.5	MODAL	Mode	3	8.5
4	9	MODAL	Mode	3	9
4	9.5	MODAL	Mode	3	9.5
4	10	MODAL	Mode	3	10
4	10.5	MODAL	Mode	3	10.5
4	11	MODAL	Mode	3	11
4	0	MODAL	Mode	4	0
4	0.5	MODAL	Mode	4	0.5
4	1	MODAL	Mode	4	1
4	1.5	MODAL	Mode	4	1.5
4	2	MODAL	Mode	4	2
4	2.5	MODAL	Mode	4	2.5
4	3	MODAL	Mode	4	3
4	3.5	MODAL	Mode	4	3.5
4	4	MODAL	Mode	4	4
4	4.5	MODAL	Mode	4	4.5
4	5	MODAL	Mode	4	5
4	5.5	MODAL	Mode	4	5.5
4	6	MODAL	Mode	4	6
4	6.5	MODAL	Mode	4	6.5
4	7	MODAL	Mode	4	7

Table: Element Forces - Frames, Part 3 of 3					
Frame	Station	Output Case	Step Type	Step Num	Elevation
4	7.5	MODAL	Mode	4	7.5
4	8	MODAL	Mode	4	8
4	8.5	MOD/L	Mode	4	8.5
4	9	MODAL	Mode	4	9
4	9.5	MODAL	Mode	4	9.5
4	10	MODAL	Mode	4	10
4	10.5	MODAL	Mode	4	10.5
4	11	MODAL	Mode	4	11
4	0	MODAL	Mode	5	0
4	0.5	MODAL	Mode	5	0.5
4	1	MODAL	Mode	5	1
4	1.5	MODAL	Mode	5	1.5
4	2	MODAL	Mode	5	2
4	2.5	MODAL	Mode	5	2.5
4	3	MODAL	Mode	5	3
4	3.5	MODAL	Mode	5	3.5
4	4	MODAL	Mode	5	4
4	4.5	MODAL	Mode	5	4.5
4	5	MOD/L	Mode	5	5
4	5.5	MODAL	Mode	5	5.5
4	6	MODAL	Mode	5	6
4	6.5	MODAL	Mode	5	6.5
4	7	MODAL	Mode	5	7
4	7.5	MODAL	Mode	5	7.5
4	8	MODAL	Mode	5	8
4	8.5	MODAL	Mode	5	8.5
4	9	MODAL	Mode	5	9
4	9.5	MODAL	Mode	5	9.5
4	10	MOD/L	Mode	5	10
4	10.5	MODAL	Mode	5	10.5
4	11	MODAL	Mode	5	11
4	0	MODAL	Mode	6	0
4	0.5	MODAL	Mode	6	0.5
4	1	MODAL	Mode	6	1
4	1.5	MODAL	Mode	6	1.5
4	2	MODAL	Mode	6	2
4	2.5	MOD/L	Mode	6	2.5
4	3	MOD/L	Mode	6	3
4	3.5	MODAL	Mode	6	3.5
4	4	MOD/L	Mode	6	4
4	4.5	MODAL	Mode	6	4.5
4	5	MODAL	Mode	6	5
4	5.5	MODAL	Mode	6	5.5
4	6	MOD/L	Mode	6	6
4	6.5	MODAL	Mode	6	6.5
4	7	MODAL	Mode	6	7
4	7.5	MODAL	Mode	6	7.5
4	8	MODAL	Mode	6	8
4	8.5	MODAL	Mode	6	8.5
4	9	MODAL	Mode	6	9
4	9.5	MODAL	Mode	6	9.5
4	10	MOD/L	Mode	6	10
4	10.5	MOD/L	Mode	6	10.5
4	11	MODAL	Mode	6	11

Table: Element Forces - Frames, Part 3 of 3					
Frame	Station	Output Case	Step Type	Step Num	Elevation
4	0	MODAL	Mode	7	0
4	0.5	MODAL	Mode	7	0.5
4	1	MODAL	Mode	7	1
4	1.5	MOD/L	Mode	7	1.5
4	2	MODAL	Mode	7	2
4	2.5	MOD/L	Mode	7	2.5
4	3	MODAL	Mode	7	3
4	3.5	MODAL	Mode	7	3.5
4	4	MODAL	Mode	7	4
4	4.5	MODAL	Mode	7	4.5
4	5	MODAL	Mode	7	5
4	5.5	MODAL	Mode	7	5.5
4	6	MODAL	Mode	7	6
4	6.5	MODAL	Mode	7	6.5
4	7	MODAL	Mode	7	7
4	7.5	MODAL	Mode	7	7.5
4	8	MOD/L	Mode	7	8
4	8.5	MODAL	Mode	7	8.5
4	9	MODAL	Mode	7	9
4	9.5	MODAL	Mode	7	9.5
4	10	MODAL	Mode	7	10
4	10.5	MOD/L	Mode	7	10.5
4	11	MODAL	Mode	7	11
4	0	MODAL	Mode	8	0
4	0.5	MODAL	Mode	8	0.5
4	1	MODAL	Mode	8	1
4	1.5	MOD/L	Mode	8	1.5
4	2	MODAL	Mode	8	2
4	2.5	MODAL	Mode	8	2.5
4	3	MODAL	Mode	8	3
4	3.5	MODAL	Mode	8	3.5
4	4	MODAL	Mode	8	4
4	4.5	MOD/L	Mode	8	4.5
4	5	MODAL	Mode	8	5
4	5.5	MOD/L	Mode	8	5.5
4	6	MODAL	Mode	8	6
4	6.5	MODAL	Mode	8	6.5
4	7	MODAL	Mode	8	7
4	7.5	MODAL	Mode	8	7.5
4	8	MODAL	Mode	8	8
4	8.5	MODAL	Mode	8	8.5
4	9	MODAL	Mode	8	9
4	9.5	MODAL	Mode	8	9.5
4	10	MODAL	Mode	8	10
4	10.5	MODAL	Mode	8	10.5
4	11	MODAL	Mode	8	11
4	0	MODAL	Mode	9	0
4	0.5	MODAL	Mode	9	0.5
4	1	MODAL	Mode	9	1
4	1.5	MODAL	Mode	9	1.5
4	2	MODAL	Mode	9	2
4	2.5	MOD/L	Mode	9	2.5
4	3	MODAL	Mode	9	3
4	3.5	MODAL	Mode	9	3.5

Table: Element Forces - Frames, Part 3 of 3						
Frame	Station	Output Case	Step Type	Step Num	Translation	Rotation
4	4	MODAL	Mode	9	4-1	4
4	4.5	MODAL	Mode	9	4-1	4.5
4	5	MODAL	Mode	9	4-1	5
4	5.5	MODAL	Mode	9	4-1	5.5
4	6	MODAL	Mode	9	4-1	6
4	6.5	MODAL	Mode	9	4-1	6.5
4	7	MODAL	Mode	9	4-1	7
4	7.5	MODAL	Mode	9	4-1	7.5
4	8	MODAL	Mode	9	4-1	8
4	8.5	MODAL	Mode	9	4-1	8.5
4	9	MODAL	Mode	9	4-1	9
4	9.5	MODAL	Mode	9	4-1	9.5
4	10	MODAL	Mode	9	4-1	10
4	10.5	MODAL	Mode	9	4-1	10.5
4	11	MODAL	Mode	9	4-1	11
4	0	MODAL	Mode	10	4-1	0
4	0.5	MODAL	Mode	10	4-1	0.5
4	1	MODAL	Mode	10	4-1	1
4	1.5	MODAL	Mode	10	4-1	1.5
4	2	MODAL	Mode	10	4-1	2
4	2.5	MODAL	Mode	10	4-1	2.5
4	3	MODAL	Mode	10	4-1	3
4	3.5	MODAL	Mode	10	4-1	3.5
4	4	MODAL	Mode	10	4-1	4
4	4.5	MODAL	Mode	10	4-1	4.5
4	5	MODAL	Mode	10	4-1	5
4	5.5	MODAL	Mode	10	4-1	5.5
4	6	MODAL	Mode	10	4-1	6
4	6.5	MODAL	Mode	10	4-1	6.5
4	7	MODAL	Mode	10	4-1	7
4	7.5	MODAL	Mode	10	4-1	7.5
4	8	MODAL	Mode	10	4-1	8
4	8.5	MODAL	Mode	10	4-1	8.5
4	9	MODAL	Mode	10	4-1	9
4	9.5	MODAL	Mode	10	4-1	9.5
4	10	MODAL	Mode	10	4-1	10
4	10.5	MODAL	Mode	10	4-1	10.5
4	11	MODAL	Mode	10	4-1	11
4	0	MODAL	Mode	11	4-1	0
4	0.5	MODAL	Mode	11	4-1	0.5
4	1	MODAL	Mode	11	4-1	1
4	1.5	MODAL	Mode	11	4-1	1.5
4	2	MODAL	Mode	11	4-1	2
4	2.5	MODAL	Mode	11	4-1	2.5
4	3	MODAL	Mode	11	4-1	3
4	3.5	MODAL	Mode	11	4-1	3.5
4	4	MODAL	Mode	11	4-1	4
4	4.5	MODAL	Mode	11	4-1	4.5
4	5	MODAL	Mode	11	4-1	5
4	5.5	MODAL	Mode	11	4-1	5.5
4	6	MODAL	Mode	11	4-1	6
4	6.5	MODAL	Mode	11	4-1	6.5
4	7	MODAL	Mode	11	4-1	7
4	7.5	MODAL	Mode	11	4-1	7.5

Table: Element Forces - Frames, Part 3 of 3						
Frame	Station	Group/Case	Step Type	Step Num	Translation	Rotation
4	8	MODAL	Mode	11	4-1	8
4	8.5	MODAL	Mode	11	4-1	8.5
4	9	MODAL	Mode	11	4-1	9
4	9.5	MODAL	Mode	11	4-1	9.5
4	10	MODAL	Mode	11	4-1	10
4	10.5	MODAL	Mode	11	4-1	10.5
4	11	MODAL	Mode	11	4-1	11
4	0	MODAL	Mode	12	4-1	0
4	0.5	MODAL	Mode	12	4-1	0.5
4	1	MODAL	Mode	12	4-1	1
4	1.5	MODAL	Mode	12	4-1	1.5
4	2	MODAL	Mode	12	4-1	2
4	2.5	MODAL	Mode	12	4-1	2.5
4	3	MODAL	Mode	12	4-1	3
4	3.5	MODAL	Mode	12	4-1	3.5
4	4	MODAL	Mode	12	4-1	4
4	4.5	MODAL	Mode	12	4-1	4.5
4	5	MODAL	Mode	12	4-1	5
4	5.5	MODAL	Mode	12	4-1	5.5
4	6	MODAL	Mode	12	4-1	6
4	6.5	MODAL	Mode	12	4-1	6.5
4	7	MODAL	Mode	12	4-1	7
4	7.5	MODAL	Mode	12	4-1	7.5
4	8	MODAL	Mode	12	4-1	8
4	8.5	MODAL	Mode	12	4-1	8.5
4	9	MODAL	Mode	12	4-1	9
4	9.5	MODAL	Mode	12	4-1	9.5
4	10	MODAL	Mode	12	4-1	10
4	10.5	MODAL	Mode	12	4-1	10.5
4	11	MODAL	Mode	12	4-1	11
4	0	LIVE		4-1	0	
4	0.5	LIVE		4-1	0.5	
4	1	LIVE		4-1	1	
4	1.5	LIVE		4-1	1.5	
4	2	LIVE		4-1	2	
4	2.5	LIVE		4-1	2.5	
4	3	LIVE		4-1	3	
4	3.5	LIVE		4-1	3.5	
4	4	LIVE		4-1	4	
4	4.5	LIVE		4-1	4.5	
4	5	LIVE		4-1	5	
4	5.5	LIVE		4-1	5.5	
4	6	LIVE		4-1	6	
4	6.5	LIVE		4-1	6.5	
4	7	LIVE		4-1	7	
4	7.5	LIVE		4-1	7.5	
4	8	LIVE		4-1	8	
4	8.5	LIVE		4-1	8.5	
4	9	LIVE		4-1	9	
4	9.5	LIVE		4-1	9.5	
4	10	LIVE		4-1	10	
4	10.5	LIVE		4-1	10.5	
4	11	LIVE		4-1	11	
4	0	DCON1		4-1	0	

Table: Element Forces - Frames, Part 3 of 3						
Frame	Station	Output Case	Step Type	Step Num	Translation	Rotation
4	0.5	DCON1		4-1	0.5	
4	1	DCON1		4-1	1	
4	1.5	DCON1		4-1	1.5	
4	2	DCON1		4-1	2	
4	2.5	DCON1		4-1	2.5	
4	3	DCON1		4-1	3	
4	3.5	DCON1		4-1	3.5	
4	4	DCON1		4-1	4	
4	4.5	DCON1		4-1	4.5	
4	5	DCON1		4-1	5	
4	5.5	DCON1		4-1	5.5	
4	6	DCON1		4-1	6	
4	6.5	DCON1		4-1	6.5	
4	7	DCON1		4-1	7	
4	7.5	DCON1		4-1	7.5	
4	8	DCON1		4-1	8	
4	8.5	DCON1		4-1	8.5	
4	9	DCON1		4-1	9	
4	9.5	DCON1		4-1	9.5	
4	10	DCON1		4-1	10	
4	10.5	DCON1		4-1	10.5	
4	11	DCON1		4-1	11	
4	0	DCON2		4-1	0	
4	0.5	DCON2		4-1	0.5	
4	1	DCON2		4-1	1	
4	1.5	DCON2		4-1	1.5	
4	2	DCON2		4-1	2	
4	2.5	DCON2		4-1	2.5	
4	3	DCON2		4-1	3	
4	3.5	DCON2		4-1	3.5	
4	4	DCON2		4-1	4	
4	4.5	DCON2		4-1	4.5	
4	5	DCON2		4-1	5	
4	5.5	DCON2		4-1	5.5	
4	6	DCON2		4-1	6	
4	6.5	DCON2		4-1	6.5	
4	7	DCON2		4-1	7	
4	7.5	DCON2		4-1	7.5	
4	8	DCON2		4-1	8	
4	8.5	DCON2		4-1	8.5	
4	9	DCON2		4-1	9	
4	9.5	DCON2		4-1	9.5	
4	10	DCON2		4-1	10	
4	10.5	DCON2		4-1	10.5	
4	11	DCON2		4-1	11	
6	0	DEAD		6-1	0	
6	0.45833	DEAD		6-1	0.45833	
6	0.91666	DEAD		6-1	0.91666	
6	1.37498	DEAD		6-1	1.37498	
6	1.8333	DEAD		6-1	1.8333	
6	0	MODAL	Mode	1	0	0
6	0.45833	MODAL	Mode	1	0	0.45833
6	0.91666	MODAL	Mode	1	0	0.91666
6	1.37498	MODAL	Mode	1	0	1.37498
6	1.8333	MODAL	Mode	1	0	1.8333

Table: Element Forces - Frames, Part 3 of 3						
Frame	Station in	Output Case	Step Type	Step Num	Translation	Rotation
8	1.8333	MODAL	Mode	1	8-1	1.8333
8	0	MODAL	Mode	2	8-1	0
8	0.45833	MODAL	Mode	2	8-1	0.45833
8	0.91666	MODAL	Mode	2	8-1	0.91666
8	1.37498	MODAL	Mode	2	8-1	1.37498
8	1.8333	MODAL	Mode	2	8-1	1.8333
8	0	MODAL	Mode	3	8-1	0
8	0.45833	MODAL	Mode	3	8-1	0.45833
8	0.91666	MODAL	Mode	3	8-1	0.91666
8	1.37498	MODAL	Mode	3	8-1	1.37498
8	1.8333	MODAL	Mode	3	8-1	1.8333
8	0	MODAL	Mode	4	8-1	0
8	0.45833	MODAL	Mode	4	8-1	0.45833
8	0.91666	MODAL	Mode	4	8-1	0.91666
8	1.37498	MODAL	Mode	4	8-1	1.37498
8	1.8333	MODAL	Mode	4	8-1	1.8333
8	0	MODAL	Mode	5	8-1	0
8	0.45833	MODAL	Mode	5	8-1	0.45833
8	0.91666	MODAL	Mode	5	8-1	0.91666
8	1.37498	MODAL	Mode	5	8-1	1.37498
8	1.8333	MODAL	Mode	5	8-1	1.8333
8	0	MODAL	Mode	6	8-1	0
8	0.45833	MODAL	Mode	6	8-1	0.45833
8	0.91666	MODAL	Mode	6	8-1	0.91666
8	1.37498	MODAL	Mode	6	8-1	1.37498
8	1.8333	MODAL	Mode	6	8-1	1.8333
8	0	MODAL	Mode	7	8-1	0
8	0.45833	MODAL	Mode	7	8-1	0.45833
8	0.91666	MODAL	Mode	7	8-1	0.91666
8	1.37498	MODAL	Mode	7	8-1	1.37498
8	1.8333	MODAL	Mode	7	8-1	1.8333
8	0	MODAL	Mode	8	8-1	0
8	0.45833	MODAL	Mode	8	8-1	0.45833
8	0.91666	MODAL	Mode	8	8-1	0.91666
8	1.37498	MODAL	Mode	8	8-1	1.37498
8	1.8333	MODAL	Mode	8	8-1	1.8333
8	0	MODAL	Mode	9	8-1	0
8	0.45833	MODAL	Mode	9	8-1	0.45833
8	0.91666	MODAL	Mode	9	8-1	0.91666
8	1.37498	MODAL	Mode	9	8-1	1.37498
8	1.8333	MODAL	Mode	9	8-1	1.8333
8	0	MODAL	Mode	10	8-1	0
8	0.45833	MODAL	Mode	10	8-1	0.45833
8	0.91666	MODAL	Mode	10	8-1	0.91666
8	1.37498	MODAL	Mode	10	8-1	1.37498
8	1.8333	MODAL	Mode	10	8-1	1.8333
8	0	MODAL	Mode	11	8-1	0
8	0.45833	MODAL	Mode	11	8-1	0.45833
8	0.91666	MODAL	Mode	11	8-1	0.91666
8	1.37498	MODAL	Mode	11	8-1	1.37498
8	1.8333	MODAL	Mode	11	8-1	1.8333
8	0	MODAL	Mode	12	8-1	0
8	0.45833	MODAL	Mode	12	8-1	0.45833
8	0.91666	MODAL	Mode	12	8-1	0.91666

Table: Element Types - Frames, Part 3 of 3						
Frame	Station	Component	SubType	Support	Frame/Elem	Element/Elem
	N					M
6	1,374.98	MODAL	Mode	12	6-1	1,374.98
6	1,833.3	MODAL	Mode	12	6-1	1,833.3
6	0	LIVE			6-1	0
6	0.45833	LIVE			6-1	0.45833
6	0.91665	LIVE			6-1	0.91665
6	1,374.98	LRZ			6-1	1,374.98
6	1,833.3	LRZ			6-1	1,833.3
8	0	DCON1			6-1	0
8	0.45833	DCON1			6-1	0.45833
8	0.91665	DCON1			6-1	0.91665
8	1,374.98	DCON1			6-1	1,374.98
8	1,833.3	DCON1			6-1	1,833.3
8	0	DCON2			6-1	0
8	0.45833	DCON2			6-1	0.45833
8	0.91665	DCON2			6-1	0.91665
8	1,374.98	DCON2			6-1	1,374.98
8	1,833.3	DCON2			6-1	1,833.3
7	0	DEAD			7-1	0
7	0.45833	DEAD			7-1	0.45833
7	0.91665	DEAD			7-1	0.91665
7	1,374.98	DEAD			7-1	1,374.98
7	1,833.3	DEAD			7-1	1,833.3
7	0	MODAL	Mode	1	7-1	0
7	0.45833	MODAL	Mode	1	7-1	0.45833
7	0.91665	MODAL	Mode	1	7-1	0.91665
7	1,374.98	MODAL	Mode	1	7-1	1,374.98
7	1,833.3	MODAL	Mode	1	7-1	1,833.3
7	0	MODAL	Mode	2	7-1	0
7	0.45833	MODAL	Mode	2	7-1	0.45833
7	0.91665	MODAL	Mode	2	7-1	0.91665
7	1,374.98	MODAL	Mode	2	7-1	1,374.98
7	1,833.3	MODAL	Mode	2	7-1	1,833.3
7	0	MODAL	Mode	3	7-1	0
7	0.45833	MODAL	Mode	3	7-1	0.45833
7	0.91665	MODAL	Mode	3	7-1	0.91665
7	1,374.98	MODAL	Mode	3	7-1	1,374.98
7	1,833.3	MODAL	Mode	3	7-1	1,833.3
7	0	MODAL	Mode	4	7-1	0
7	0.45833	MODAL	Mode	4	7-1	0.45833
7	0.91665	MODAL	Mode	4	7-1	0.91665
7	1,374.98	MODAL	Mode	4	7-1	1,374.98
7	1,833.3	MODAL	Mode	4	7-1	1,833.3
7	0	MODAL	Mode	5	7-1	0
7	0.45833	MODAL	Mode	5	7-1	0.45833
7	0.91665	MODAL	Mode	5	7-1	0.91665
7	1,374.98	MODAL	Mode	5	7-1	1,374.98
7	1,833.3	MODAL	Mode	5	7-1	1,833.3
7	0	MODAL	Mode	6	7-1	0
7	0.45833	MODAL	Mode	6	7-1	0.45833
7	0.91665	MODAL	Mode	6	7-1	0.91665
7	1,374.98	MODAL	Mode	6	7-1	1,374.98
7	1,833.3	MODAL	Mode	6	7-1	1,833.3
7	0	MODAL	Mode	7	7-1	0
7	0.45833	MODAL	Mode	7	7-1	0.45833

Table: Element Types - Frames, Part 3 of 3						
Frame	Station	Component	Support	Element	Frame/Elem	Element/Elem
	m					
7	0.01065	MODAL	Mode	7	7-1	0.97888
7	1.37498	MODAL	Mode	7	7-1	1.37498
7	1.8333	MODAL	Mode	7	7-1	1.8333
7	0	MODAL	Mode	8	7-1	0
7	0.45833	MODAL	Mode	8	7-1	0.45833
7	0.91665	MODAL	Mode	8	7-1	0.91665
7	1.37498	MODAL	Mode	8	7-1	1.37498
7	1.8333	MODAL	Mode	8	7-1	1.8333
7	0	MODAL	Mode	9	7-1	0
7	0.45833	MODAL	Mode	9	7-1	0.45833
7	0.91665	MODAL	Mode	9	7-1	0.91665
7	1.37498	MODAL	Mode	9	7-1	1.37498
7	1.8333	MODAL	Mode	9	7-1	1.8333
7	0	MODAL	Mode	10	7-1	0
7	0.45833	MODAL	Mode	10	7-1	0.45833
7	0.91665	MODAL	Mode	10	7-1	0.91665
7	1.37498	MODAL	Mode	10	7-1	1.37498
7	1.8333	MODAL	Mode	10	7-1	1.8333
7	0	MODAL	Mode	11	7-1	0
7	0.45833	MODAL	Mode	11	7-1	0.45833
7	0.91665	MODAL	Mode	11	7-1	0.91665
7	1.37498	MODAL	Mode	11	7-1	1.37498
7	1.8333	MODAL	Mode	11	7-1	1.8333
7	0	MODAL	Mode	12	7-1	0
7	0.45833	MODAL	Mode	12	7-1	0.45833
7	0.91665	MODAL	Mode	12	7-1	0.91665
7	1.37498	MODAL	Mode	12	7-1	1.37498
7	1.8333	MODAL	Mode	12	7-1	1.8333
7	0	LIVE		7-1	7-1	0
7	0.45833	LIVE		7-1	7-1	0.45833
7	0.91665	LIVE		7-1	7-1	0.91665
7	1.37498	LIVE		7-1	7-1	1.37498
7	1.8333	LIVE		7-1	7-1	1.8333
7	0	DCON1		7-1	7-1	0
7	0.45833	DCON1		7-1	7-1	0.45833
7	0.91665	DCON1		7-1	7-1	0.91665
7	1.37498	DCON1		7-1	7-1	1.37498
7	1.8333	DCON1		7-1	7-1	1.8333
7	0	DCON2		7-1	7-1	0
7	0.45833	DCON2		7-1	7-1	0.45833
7	0.91665	DCON2		7-1	7-1	0.91665
7	1.37498	DCON2		7-1	7-1	1.37498
7	1.8333	DCON2		7-1	7-1	1.8333
8	0	DEAD		8-1	8-1	0
8	0.45833	DEAD		8-1	8-1	0.45833
8	0.91665	DEAD		8-1	8-1	0.91665
8	1.37498	DEAD		8-1	8-1	1.37498
8	1.8333	DEAD		8-1	8-1	1.8333
8	0	MODAL	Mode	1	8-1	0
8	0.45833	MODAL	Mode	1	8-1	0.45833
8	0.91665	MODAL	Mode	1	8-1	0.91665
8	1.37498	MODAL	Mode	1	8-1	1.37498
8	1.8333	MODAL	Mode	1	8-1	1.8333
8	0	MODAL	Mode	2	8-1	0

Table: Element Forces - Frames, Part 3 of 3						
Frame	Station	Output Case	Step Type	Support	Frame Elem	Element ID
	m					m
8	0.46833	MODAL	Mode	2	8-1	0.45833
8	0.91665	MODAL	Mode	2	8-1	0.91665
8	1.37498	MODAL	Mode	2	8-1	1.37498
8	1.8333	MODAL	Mode	2	8-1	1.8333
8	0	MODAL	Mode	3	8-1	0
8	0.45833	MODAL	Mode	3	8-1	0.45833
8	0.91665	MODAL	Mode	3	8-1	0.91665
8	1.37498	MODAL	Mode	3	8-1	1.37498
8	1.8333	MODAL	Mode	3	8-1	1.8333
8	0	MODAL	Mode	4	8-1	0
8	0.58133	MODAL	Mode	4	8-1	0.58133
8	0.91665	MODAL	Mode	4	8-1	0.91665
8	1.37498	MODAL	Mode	4	8-1	1.37498
8	1.8333	MODAL	Mode	4	8-1	1.8333
8	0	MODAL	Mode	5	8-1	0
8	0.45833	MODAL	Mode	5	8-1	0.45833
8	0.91665	MODAL	Mode	5	8-1	0.91665
8	1.37498	MODAL	Mode	5	8-1	1.37498
8	1.8333	MODAL	Mode	5	8-1	1.8333
8	0	MODAL	Mode	6	8-1	0
8	0.45833	MODAL	Mode	6	8-1	0.45833
8	0.91665	MODAL	Mode	6	8-1	0.91665
8	1.37498	MODAL	Mode	6	8-1	1.37498
8	1.8333	MODAL	Mode	6	8-1	1.8333
8	0	MODAL	Mode	7	8-1	0
8	0.45833	MODAL	Mode	7	8-1	0.45833
8	0.91665	MODAL	Mode	7	8-1	0.91665
8	1.37498	MODAL	Mode	7	8-1	1.37498
8	1.8333	MODAL	Mode	7	8-1	1.8333
8	0	MODAL	Mode	8	8-1	0
8	0.45833	MODAL	Mode	8	8-1	0.45833
8	0.91665	MODAL	Mode	8	8-1	0.91665
8	1.37498	MODAL	Mode	8	8-1	1.37498
8	1.8333	MODAL	Mode	8	8-1	1.8333
8	0	MODAL	Mode	9	8-1	0
8	0.45833	MODAL	Mode	9	8-1	0.45833
8	0.91665	MODAL	Mode	9	8-1	0.91665
8	1.37498	MODAL	Mode	9	8-1	1.37498
8	1.8333	MODAL	Mode	9	8-1	1.8333
8	0	MODAL	Mode	10	8-1	0
8	0.45833	MODAL	Mode	10	8-1	0.45833
8	0.91665	MODAL	Mode	10	8-1	0.91665
8	1.37498	MODAL	Mode	10	8-1	1.37498
8	1.8333	MODAL	Mode	10	8-1	1.8333
8	0	MODAL	Mode	11	8-1	0
8	0.45833	MODAL	Mode	11	8-1	0.45833
8	0.91665	MODAL	Mode	11	8-1	0.91665
8	1.37498	MODAL	Mode	11	8-1	1.37498
8	1.8333	MODAL	Mode	11	8-1	1.8333
8	0	MODAL	Mode	12	8-1	0
8	0.45833	MODAL	Mode	12	8-1	0.45833
8	0.91665	MODAL	Mode	12	8-1	0.91665
8	1.37498	MODAL	Mode	12	8-1	1.37498
8	1.8333	MODAL	Mode	12	8-1	1.8333

Table: Element Forces - Frames, Part 5 of 3						
Frame	Station	Output Case	StopType	StopSign	FrameSign	Elevation
	ft					
1	0	LIVE			1-1	0
1	0.45833	LIVE			1-1	0.45833
1	0.91667	LIVE			1-1	0.91667
1	1.37498	LIVE			1-1	1.37498
1	1.8333	LIVE			1-1	1.8333
1	0	DCON1			1-1	0
1	0.45833	DCON1			1-1	0.45833
1	0.91665	DCON1			1-1	0.91665
1	1.37498	DCON1			1-1	1.37498
1	1.8333	DCON1			1-1	1.8333
1	0	DCON2			1-1	0
1	0.45833	DCON2			1-1	0.45833
1	0.91661	DCON2			1-1	0.91661
1	1.37498	DCON2			1-1	1.37498
1	1.8333	DCON2			1-1	1.8333
1	0	DEAD			1-1	0
1	0.45833	DEAD			1-1	0.45833
1	0.91665	DEAD			1-1	0.91665
1	1.37498	DEAD			1-1	1.37498
1	1.8333	DEAD			1-1	1.8333
1	0	MODAL	Mode	1	1-1	0
1	0.45833	MODAL	Mode	1	1-1	0.45833
1	0.91665	MODAL	Mode	1	1-1	0.91665
1	1.37498	MODAL	Mode	1	1-1	1.37498
1	1.8333	MODAL	Mode	1	1-1	1.8333
1	0	MODAL	Mode	2	1-1	0
1	0.45833	MODAL	Mode	2	1-1	0.45833
1	0.91665	MODAL	Mode	2	1-1	0.91665
1	1.37498	MODAL	Mode	2	1-1	1.37498
1	1.8333	MODAL	Mode	2	1-1	1.8333
1	0	MODAL	Mode	3	1-1	0
1	0.45833	MODAL	Mode	3	1-1	0.45833
1	0.91665	MODAL	Mode	3	1-1	0.91665
1	1.37498	MODAL	Mode	3	1-1	1.37498
1	1.8333	MODAL	Mode	3	1-1	1.8333
1	0	MODAL	Mode	4	1-1	0
1	0.45833	MODAL	Mode	4	1-1	0.45833
1	0.91665	MODAL	Mode	4	1-1	0.91665
1	1.37498	MODAL	Mode	4	1-1	1.37498
1	1.8333	MODAL	Mode	4	1-1	1.8333
1	0	MODAL	Mode	5	1-1	0
1	0.45833	MODAL	Mode	5	1-1	0.45833
1	0.91665	MODAL	Mode	5	1-1	0.91665
1	1.37498	MODAL	Mode	5	1-1	1.37498
1	1.8333	MODAL	Mode	5	1-1	1.8333
1	0	MODAL	Mode	6	1-1	0
1	0.45833	MODAL	Mode	6	1-1	0.45833
1	0.91665	MODAL	Mode	6	1-1	0.91665
1	1.37498	MODAL	Mode	6	1-1	1.37498
1	1.8333	MODAL	Mode	6	1-1	1.8333
1	0	MODAL	Mode	7	1-1	0
1	0.45833	MODAL	Mode	7	1-1	0.45833
1	0.91665	MODAL	Mode	7	1-1	0.91665
1	1.37498	MODAL	Mode	7	1-1	1.37498
1	1.8333	MODAL	Mode	7	1-1	1.8333

Frame	Step	Position	OutputCase	StepType	StepNum	FrameElem	Elevation
8	1,8333	MODAL	Mode	7	8-1	1,8333	
8	0	MODAL	Mode	8	8-1	0	
8	0,45833	MODAL	Mode	8	8-1	0,45833	
8	0,91665	MODAL	Mode	8	8-1	0,91665	
8	1,37488	MODAL	Mode	8	8-1	1,37488	
8	1,8333	MODAL	Mode	8	8-1	1,8333	
8	0	MODAL	Mode	9	8-1	0	
8	0,45833	MODAL	Mode	9	8-1	0,45833	
8	0,91665	MODAL	Mode	9	8-1	0,91665	
8	1,37488	MODAL	Mode	9	8-1	1,37488	
8	1,8333	MODAL	Mode	9	8-1	1,8333	
8	0	MODAL	Mode	10	8-1	0	
8	0,45833	MODAL	Mode	10	8-1	0,45833	
8	0,91665	MODAL	Mode	10	8-1	0,91665	
8	1,37488	MODAL	Mode	10	8-1	1,37488	
8	1,8333	MODAL	Mode	10	8-1	1,8333	
8	0	MODAL	Mode	11	8-1	0	
8	0,45833	MODAL	Mode	11	8-1	0,45833	
8	0,91665	MODAL	Mode	11	8-1	0,91665	
8	1,37488	MODAL	Mode	11	8-1	1,37488	
8	1,8333	MODAL	Mode	11	8-1	1,8333	
8	0	MODAL	Mode	12	8-1	0	
8	0,45833	MODAL	Mode	12	8-1	0,45833	
8	0,91665	MODAL	Mode	12	8-1	0,91665	
8	1,37488	MODAL	Mode	12	8-1	1,37488	
8	1,8333	MODAL	Mode	12	8-1	1,8333	
8	0	LIVE	Mode	9-1	8-1	0	
8	0,45833	LIVE	Mode	9-1	8-1	0,45833	
8	0,91665	LIVE	Mode	9-1	8-1	0,91665	
8	1,37488	LIVE	Mode	9-1	8-1	1,37488	
8	1,8333	LIVE	Mode	9-1	8-1	1,8333	
8	0	DCON1	Mode	8-1	8-1	0	
8	0,45833	DCON1	Mode	8-1	8-1	0,45833	
8	0,91665	DCON1	Mode	8-1	8-1	0,91665	
8	1,37488	DCON1	Mode	8-1	8-1	1,37488	
8	1,8333	DCON1	Mode	8-1	8-1	1,8333	
8	0	DCON2	Mode	8-1	8-1	0	
8	0,45833	DCON2	Mode	8-1	8-1	0,45833	
8	0,91665	DCON2	Mode	8-1	8-1	0,91665	
8	1,37488	DCON2	Mode	8-1	8-1	1,37488	
8	1,8333	DCON2	Mode	8-1	8-1	1,8333	
10	0	DEAD	Mode	10-1	10-1	0	
10	0,45833	DEAD	Mode	10-1	10-1	0,45833	
10	0,91665	DEAD	Mode	10-1	10-1	0,91665	
10	1,37488	DEAD	Mode	10-1	10-1	1,37488	
10	1,8333	DEAD	Mode	10-1	10-1	1,8333	
10	0	MODAL	Mode	1	10-1	0	
10	0,45833	MODAL	Mode	1	10-1	0,45833	
10	0,91665	MODAL	Mode	1	10-1	0,91665	
10	1,37488	MODAL	Mode	1	10-1	1,37488	
10	1,8333	MODAL	Mode	1	10-1	1,8333	
10	0	MODAL	Mode	2	10-1	0	
10	0,45833	MODAL	Mode	2	10-1	0,45833	
10	0,91665	MODAL	Mode	2	10-1	0,91665	

Frame	Step	Position	OutputCase	StepType	StepNum	FrameElem	Elevation
10	1,37488	MODAL	Mode	2	10-1	1,37488	
10	1,8333	MODAL	Mode	2	10-1	1,8333	
10	0	MODAL	Mode	3	10-1	0	
10	0,45833	MODAL	Mode	3	10-1	0,45833	
10	0,91665	MODAL	Mode	3	10-1	0,91665	
10	1,37488	MODAL	Mode	3	10-1	1,37488	
10	1,8333	MODAL	Mode	3	10-1	1,8333	
10	0	MODAL	Mode	4	10-1	0	
10	0,45833	MODAL	Mode	4	10-1	0,45833	
10	0,91665	MODAL	Mode	4	10-1	0,91665	
10	1,37488	MODAL	Mode	4	10-1	1,37488	
10	1,8333	MODAL	Mode	4	10-1	1,8333	
10	0	MODAL	Mode	5	10-1	0	
10	0,45833	MODAL	Mode	5	10-1	0,45833	
10	0,91665	MODAL	Mode	5	10-1	0,91665	
10	1,37488	MODAL	Mode	5	10-1	1,37488	
10	1,8333	MODAL	Mode	5	10-1	1,8333	
10	0	MODAL	Mode	6	10-1	0	
10	0,45833	MODAL	Mode	6	10-1	0,45833	
10	0,91665	MODAL	Mode	6	10-1	0,91665	
10	1,37488	MODAL	Mode	6	10-1	1,37488	
10	1,8333	MODAL	Mode	6	10-1	1,8333	
10	0	MODAL	Mode	7	10-1	0	
10	0,45833	MODAL	Mode	7	10-1	0,45833	
10	0,91665	MODAL	Mode	7	10-1	0,91665	
10	1,37488	MODAL	Mode	7	10-1	1,37488	
10	1,8333	MODAL	Mode	7	10-1	1,8333	
10	0	MODAL	Mode	8	10-1	0	
10	0,45833	MODAL	Mode	8	10-1	0,45833	
10	0,91665	MODAL	Mode	8	10-1	0,91665	
10	1,37488	MODAL	Mode	8	10-1	1,37488	
10	1,8333	MODAL	Mode	8	10-1	1,8333	
10	0	MODAL	Mode	9	10-1	0	
10	0,45833	MODAL	Mode	9	10-1	0,45833	
10	0,91665	MODAL	Mode	9	10-1	0,91665	
10	1,37488	MODAL	Mode	9	10-1	1,37488	
10	1,8333	MODAL	Mode	9	10-1	1,8333	
10	0	MODAL	Mode	10	10-1	0	
10	0,45833	MODAL	Mode	10	10-1	0,45833	
10	0,91665	MODAL	Mode	10	10-1	0,91665	
10	1,37488	MODAL	Mode	10	10-1	1,37488	
10	1,8333	MODAL	Mode	10	10-1	1,8333	
10	0	MODAL	Mode	11	10-1	0	
10	0,45833	MODAL	Mode	11	10-1	0,45833	
10	0,91665	MODAL	Mode	11	10-1	0,91665	
10	1,37488	MODAL	Mode	11	10-1	1,37488	
10	1,8333	MODAL	Mode	11	10-1	1,8333	
10	0	MODAL	Mode	12	10-1	0	
10	0,45833	MODAL	Mode	12	10-1	0,45833	
10	0,91665	MODAL	Mode	12	10-1	0,91665	
10	1,37488	MODAL	Mode	12	10-1	1,37488	
10	1,8333	MODAL	Mode	12	10-1	1,8333	
10	0	LIVE	Mode	10-1	10-1	0	
10	0,45833	LIVE	Mode	10-1	10-1	0,45833	

Frame	Step	Position	OutputCase	StepType	StepNum	FrameElem	Elevation
10	0,91665	LIVE	Mode	10-1	10-1	0,91665	
10	1,37488	LIVE	Mode	10-1	10-1	1,37488	
10	1,8333	LIVE	Mode	10-1	10-1	1,8333	
10	0	DCON1	Mode	10-1	10-1	0	
10	0,45833	DCON1	Mode	10-1	10-1	0,45833	
10	0,91665	DCON1	Mode	10-1	10-1	0,91665	
10	1,37488	DCON1	Mode	10-1	10-1	1,37488	
10	1,8333	DCON1	Mode	10-1	10-1	1,8333	
10	0	DCON2	Mode	10-1	10-1	0	
10	0,45833	DCON2	Mode	10-1	10-1	0,45833	
10	0,91665	DCON2	Mode	10-1	10-1	0,91665	
10	1,37488	DCON2	Mode	10-1	10-1	1,37488	
10	1,8333	DCON2	Mode	10-1	10-1	1,8333	
11	0	DEAD	Mode	11-1	11-1	0	
11	0,45833	DEAD	Mode	11-1	11-1	0,45833	
11	0,91665	DEAD	Mode	11-1	11-1	0,91665	
11	1,37512	DEAD	Mode	11-1	11-1	1,37512	
11	1,8335	DEAD	Mode	11-1	11-1	1,8335	
11	0	MODAL	Mode	1	11-1	0	
11	0,45833	MODAL	Mode	1	11-1	0,45833	
11	0,91665	MODAL	Mode	1	11-1	0,91665	
11	1,37512	MODAL	Mode	1	11-1	1,37512	
11	1,8335	MODAL	Mode	1	11-1	1,8335	
11	0	MODAL	Mode	2	11-1	0	
11	0,45833	MODAL	Mode	2	11-1	0,45833	
11	0,91665	MODAL	Mode	2	11-1	0,91665	
11	1,37512	MODAL	Mode	2	11-1	1,37512	
11	1,8335	MODAL	Mode	2	11-1	1,8335	
11	0	MODAL	Mode	3	11-1	0	
11	0,45833	MODAL	Mode	3	11-1	0,45833	
11	0,91665	MODAL	Mode	3	11-1	0,91665	
11	1,37512	MODAL	Mode	3	11-1	1,37512	
11	1,8335	MODAL	Mode	3	11-1	1,8335	
11	0	MODAL	Mode	4	11-1	0	
11	0,45833	MODAL	Mode	4	11-1	0,45833	
11	0,91665	MODAL	Mode	4	11-1	0,91665	
11	1,37512	MODAL	Mode	4	11-1	1,37512	
11	1,8335	MODAL	Mode	4	11-1	1,8335	
11	0	MODAL	Mode	5	11-1	0	
11	0,45833	MODAL	Mode	5	11-1	0,45833	
11	0,91665	MODAL	Mode	5	11-1	0,91665	
11	1,37512	MODAL	Mode	5	11-1	1,37512	
11	1,8335	MODAL	Mode	5	11-1	1,8335	
11	0	MODAL	Mode	6	11-1	0	
11	0,45833	MODAL	Mode	6	11-1	0,45833	
11	0,91665	MODAL	Mode	6	11-1	0,91665	
11	1,37512	MODAL	Mode	6	11-1	1,37512	
11	1,8335	MODAL	Mode	6	11-1	1,8335	
11	0	MODAL	Mode	7	11-1	0	
11	0,45833	MODAL	Mode	7	11-1	0,45833	
11	0,91665	MODAL	Mode	7	11-1	0,91665	
11	1,37512	MODAL	Mode	7	11-1	1,37512	
11	1,8335	MODAL	Mode	7	11-1	1,8335	
11	0	MODAL	Mode	8	11-1	0	
11	0,45833	MODAL	Mode	8	11-1	0,45833	
11	0,91665	MODAL	Mode	8	11-1	0,91665	
11	1,37512	MODAL	Mode	8	11-1	1,37512	
11	1,8335	MODAL	Mode	8	11-1	1,8335	

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadType	CoordSys	Type	Dir	DistType	RefDist
1	DEAD	GLOBAL	Force	Z	RefDist	0
3	DEAD	GLOBAL	Force	Z	RefDist	0
4	DEAD	GLOBAL	Force	Z	RefDist	0
4	LIVE	GLOBAL	Force	Z	RefDist	0
4	LIVE	GLOBAL	Force	Z	RefDist	0,4455
6	DEAD	GLOBAL	Force	Z	RefDist	0
7	DEAD	GLOBAL	Force	Z	RefDist	0

Table: Frame Loads - Distributed, Part 1 of 3						
Frame	LoadPat	CoordSys	Type	Dir	DistType	RelArea
8	DEAD	GLOBAL	Force	Z	RelDist	0.
9	DEAD	GLOBAL	Force	Z	RelDist	0.
10	DEAD	GLOBAL	Force	Z	RelDist	0.
11	DEAD	GLOBAL	Force	Z	RelDist	0.

Table: Frame Loads - Distributed, Part 2 of 3

Table: Frame Loads - Distributed, Part 2 of 3						
Frame	LoadPat	RelDist	AbsDist	PowerLA	PowerLB	
1	DEAD	1.	0.	4.18994	-60.	-60.
3	DEAD	1.	0.	4.18994	-60.	-60.
4	DEAD	1.	0.	11.	-60.	-60.
4	DEAD	1.	0.	11.	-10.95	-10.95
4	LIVE	1.	0.	11.	-21.6	-21.6
4	LIVE	0.5545	4.8	6.1	-400.	-400.
6	DEAD	1.	0.	1.8333	-60.	-60.
7	DEAD	1.	0.	1.8333	-60.	-60.
8	DEAD	1.	0.	1.8333	-60.	-60.
9	DEAD	1.	0.	1.8333	-60.	-60.
10	DEAD	1.	0.	1.8333	-60.	-60.
11	DEAD	1.	0.	1.8333	-60.	-60.

Table: Frame Loads - Distributed, Part 3 of 3

Table: Frame Loads - Distributed, Part 3 of 3						
Frame	LoadPat	CoordSys	Type	Dir	DistType	RelArea
1	DEAD	288d2650-4064-4067-64	Force	Z	RelDist	0.
1	DEAD	49d437c3-c4b3-44de-dbc	Force	Z	RelDist	0.
4	DEAD	e-055030944e47	Force	Z	RelDist	0.
4	DEAD	110356d8-12a8-4153-4bf	Force	Z	RelDist	0.
4	DEAD	35d472b7-b1e5-4167-02	Force	Z	RelDist	0.
4	LIVE	4128920e-e271-4728-bc	Force	Z	RelDist	0.
4	LIVE	fb828023-e1b1-41c8-4b5	Force	Z	RelDist	0.
6	DEAD	821c13a8-40d8-46c-40	Force	Z	RelDist	0.
7	DEAD	231ab047780981	Force	Z	RelDist	0.
8	DEAD	b4d4f08-3273-43a0-877f	Force	Z	RelDist	0.
8	DEAD	c25f6d62-435c-4c1b-42e	Force	Z	RelDist	0.
8	DEAD	4407c1b4-425e-48f6-8b7	Force	Z	RelDist	0.
10	DEAD	4a8b9a33-1801-407b-4b6	Force	Z	RelDist	0.
11	DEAD	2c8b5b75-e744-4032-81	Force	Z	RelDist	0.

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

Table: Frame Section Properties 01 - General, Part 1 of 6						
SectionName	Material	Shape	IS	IS	IS	IS
140_80	4000Psi	Rectangular	0.5	1.4	0.7	0.046226
180_40	4000Psi	Rectangular	0.4	1.6	0.54	0.028791
240_100	4000Psi	Rectangular	1.	2.4	2.4	0.006587
53_40	4000Psi	Rectangular	0.4	0.53	0.212	0.006076
53_50	4000Psi	Rectangular	0.5	0.5	0.255	0.009825

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

Table: Frame Section Properties 01 - General, Part 2 of 6						
SectionName	IS	IS	IS	IS	IS	IS
140_80	0.014653	0.114333	0.	0.533333	0.088333	0.163333
180_40	0.008533	0.133333	0.	0.533333	0.042567	0.170657
240_100	0.2	1.152	0.	2.	2.	0.4
53_40	0.002827	0.004533	0.	0.176887	0.014333	0.018727
53_50	0.005621	0.006203	0.	0.220833	0.022083	0.023408

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

Table: Frame Section Properties 01 - General, Part 3 of 6						
SectionName	IS	IS	IS	IS	IS	IS
140_80	0.0875	0.245	0.144333	0.091468	No	Yes
180_40	0.084	0.256	0.11547	0.06188	No	Yes
240_100	0.6	1.44	0.25375	0.69212	No	Yes
53_40	0.0212	0.02809	0.11547	0.152068	No	Yes
53_50	0.03125	0.035113	0.144333	0.152106	No	Yes

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

Table: Frame Section Properties 01 - General, Part 4 of 6						
SectionName	TotalIS	TotalIS	PrecedIS	Added	Added	Added
140_80	0.	0.	No	1.	1.	1.
180_40	0.	0.	No	1.	1.	1.
240_100	1708.979	174.27	No	1.	1.	1.
53_40	0.	0.	No	1.	1.	1.
53_50	0.	0.	No	1.	1.	1.

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

Table: Frame Section Properties 01 - General, Part 5 of 6						
SectionName	IS	IS	IS	IS	IS	IS
140_80	1.	1.	1.	1.	1.	1.
180_40	1.	1.	1.	1.	1.	1.
240_100	1.	1.	1.	1.	1.	1.
53_40	1.	1.	1.	1.	1.	1.
53_50	1.	1.	1.	1.	1.	1.

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

Table: Frame Section Properties 01 - General, Part 6 of 6						
SectionName	Notes					
140_80	Added 3/9/2020 2:47:30 PM					
180_40	Added 3/9/2020 2:48:14 PM					
240_100	Added 2/17/2022 2:38:10 PM					
53_40	Added 3/9/2020 1:47:16 PM					
53_50	Added 3/9/2020 2:45:22 PM					

Table: Frame Section Properties 03 - Concrete Beam

Table: Frame Section Properties 03 - Concrete Beam						
SectionName	RebarMat	RebarMatC	TopCover	BotCover	TopLeftArea	TopRightArea
140_80	A615Gr60	A615Gr60	0.05	0.05	0.	0.
180_40	A615Gr60	A615Gr60	0.05	0.05	0.	0.
240_100	A615Gr60	A615Gr60	0.05	0.05	0.	0.
53_40	A615Gr60	A615Gr60	0.05	0.05	0.	0.
53_50	A615Gr60	A615Gr60	0.05	0.05	0.	0.

Table: Frame Section Properties 13 - Time Dependent

Table: Frame Section Properties 13 - Time Dependent						
SectionName	Type	AutoVal	AutoVal	AutoVal	AutoVal	AutoVal
140_80	Auto	0.36642	1.			
180_40	User	0.	1.	0.1		
240_100	Auto	0.70558	1.			
53_40	User	0.	1.	0.1		
53_50	User	0.	1.	0.1		

Table: Joint Spring Assignments 1 - Uncoupled

Table: Joint Spring Assignments 1 - Uncoupled						
Joint	R	CoordSys	IS	IS	IS	IS
2	Local	50000.	50000.	50000.	50000.	50000.
6	Local	50000.	50000.	50000.	50000.	50000.
7	Local	50000.	50000.	50000.	50000.	50000.
8	Local	50000.	50000.	50000.	50000.	50000.

Table: Joint Spring Assignments 1 - Uncoupled						
Joint	CoordSys	IS	IS	IS	IS	IS
9	Local	50000.	50000.	50000.	50000.	50000.
10	Local	50000.	50000.	50000.	50000.	50000.
11	Local	50000.	50000.	50000.	50000.	50000.

Table: Load Pattern Definitions

Table: Load Pattern Definitions						
LoadPat	DesignType	SelfWeight	AutoLoad	GRID	Notes	
DEAD	Dead	1.				
LIVE	Live	0.				

Table: Material Properties 01 - General, Part 1 of 2

Table: Material Properties 01 - General, Part 1 of 2						
Material	Type	Grade	IS	IS	IS	IS
4000Psi	Concrete	Grade 270	Uniaxial	No	Blue	1-0674144610
A416Gr270	Tendon	Grade 270	Uniaxial	No	Magenta	1-0674144610
A615Gr60	Rebar	Grade 60	Uniaxial	No	White	1-0674144610
A802Fy50	Steel	Grade 50	Isotropic	No	GrayDark	1-0674144610

Table: Material Properties 01 - General, Part 2 of 2

Table: Material Properties 01 - General, Part 2 of 2						
Material	Notes					
4000Psi	Nominal f'c = 4 ksi added 3/9/2020 2:40:40 PM					
A416Gr270	ASTM A416 Grade 270 2/7/2022 6:34:17 PM					
A615Gr60	ASTM A615 Grade 60 added 3/9/2020 2:43:50 PM					
A802Fy50	ASTM A802 Fy=50 ksi added 3/9/2020 2:40:40 PM					

Table: Material Properties 02 - Basic Mechanical Properties

Table: Material Properties 02 - Basic Mechanical Properties						
Material	UnitWeight	UnitWeight	IS	IS	IS	IS
4000Psi	2.3582e+01	2.4028e+00	2.486578e-28	1.0358490e-35	0.2	8.8000E-06
A416Gr270	7.8973E+01	7.8490E+00	1.9560000E-09			1.1700E-05
A615Gr60	7.8973E+01	7.8490E+00	1.9560000E-09			1.1700E-05
A802Fy50	7.8973E+01	7.8490E+00	1.9560000E-09			1.1700E-05

Table: Material Properties 03a - Steel Data, Part 1 of 2

Table: Material Properties 03a - Steel Data, Part 1 of 2									
Material	E	Fy	Fu	BRPy	BRFu	SSCurveOpt	SSHydType	SHard	SHdx
A992Fy50	KN/m2	KN/m2	KN/m2	KN/m2	KN/m2				
	344737.59	448159.28	379211.66	492975.19		Simple	Kinematic	0.015	0.11

Table: Material Properties 03a - Steel Data, Part 2 of 2

Table: Material Properties 03a - Steel Data, Part 2 of 2		
Material	SHtop	FinalSlope
A992Fy50	0.17	-0.1

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

Table: Material Properties 03b - Concrete Data, Part 1 of 2									
Material	Fc	aPc	LSRCOA	SSCurveOpt	SSHydType	SHd	SHdx	SHtop	FinalSlope
4000Psi	KN/m2	KN/m2							
	27579.03	27579.03	No	Mander	Takeda	0.002219	0.005		-0.1

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

Table: Material Properties 03b - Concrete Data, Part 2 of 2		
Material	FRAngle	DAngle
4000Psi	0	0

Table: Material Properties 03c - Rebar Data, Part 1 of 2

Table: Material Properties 03c - Rebar Data, Part 1 of 2									
Material	E	Fy	Fu	BRPy	BRFu	SSCurveOpt	SSHydType	SHard	SHdx
A615Gr60	KN/m2	KN/m2	KN/m2	KN/m2	KN/m2				
	413985.47	620522.21	465054.02	652581.03		Simple	Kinematic	0.01	0.09

Table: Material Properties 03c - Rebar Data, Part 2 of 2

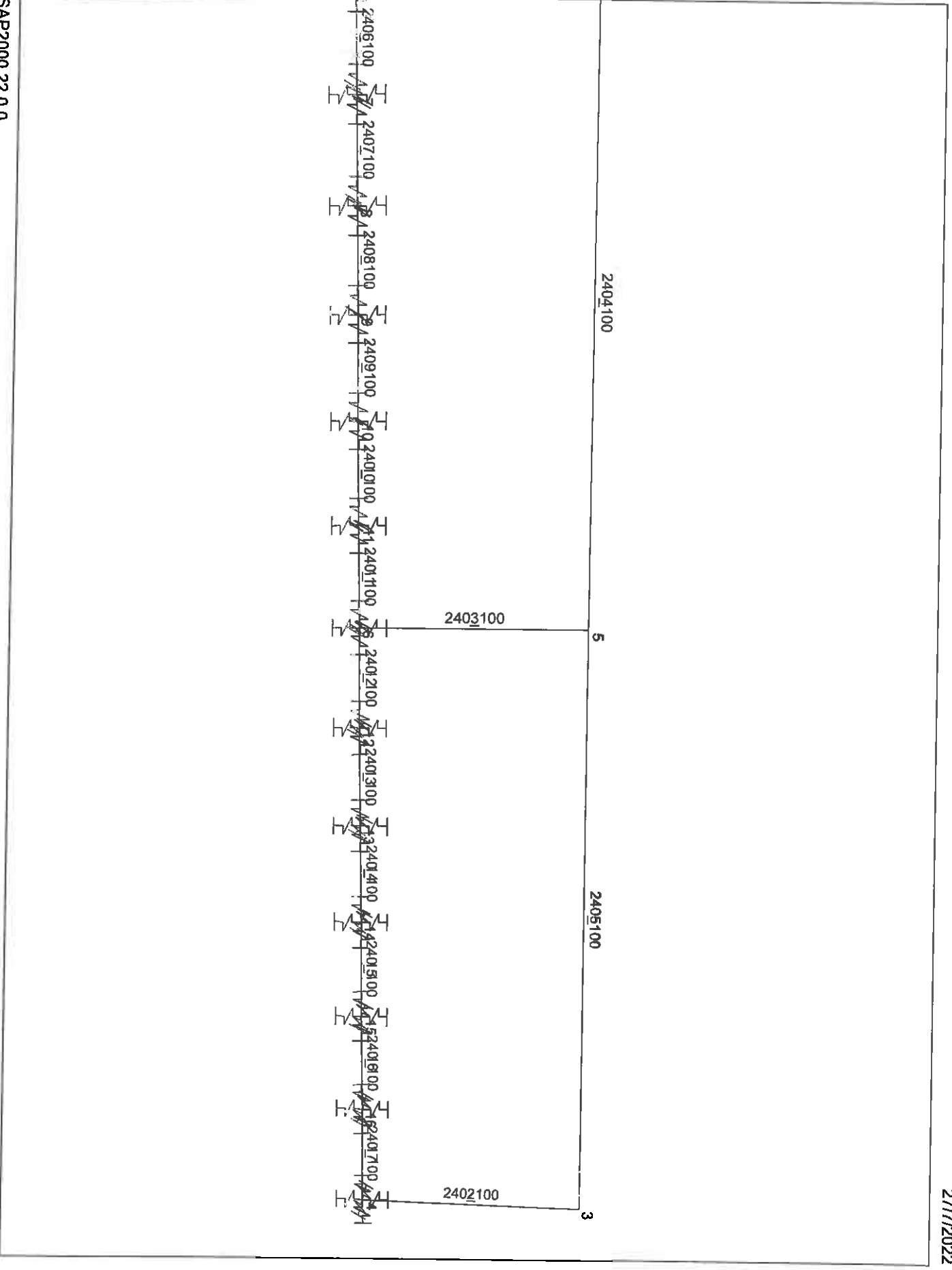
Table: Material Properties 03c - Rebar Data, Part 2 of 2		
Material	FinalSlope	UseCTDef
A615Gr60	-0.1	No

Table: Material Properties 03f - Tendon Data

Table: Material Properties 03f - Tendon Data				
Material	E	Fy	Fu	FinalSlope
A416Gr270	KN/m2	KN/m2	KN/m2	
	1699905.16	1661684.53	270 ksi	Kinematic

Table: Material Properties 06 - Damping Parameters

Table: Material Properties 06 - Damping Parameters					
Material	Modul	ViscStiff	ViscStiff	HystStiff	HystStiff
		1/Sec	Sec	1/Sec2	HystStiff
4000Psi	0	0	0	0	0
A416Gr270	0	0	0	0	0
A615Gr60	0	0	0	0	0
A992Fy50	0	0	0	0	0



ΦΟΡΤΙΑ ΥΠΟΛΟΓΙΣΜΟΥ ΤΕΧΝΙΚΟΥ R1
(DIN – Fachbericht 101)

- 1) Ιδίο βάρος οπλισμένου σκυροδέματος
(Εφαρμόζεται στην πλάκα καταστρώματος και στα βάθρα) 25,00 KN/m3

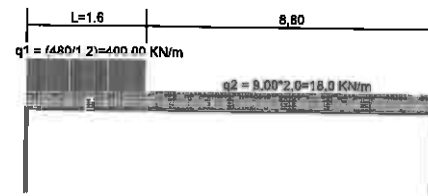
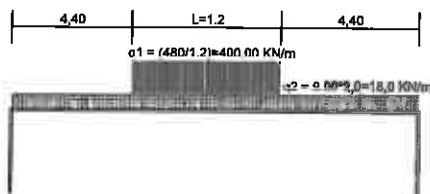
- 2) Πρόσθετα Μόνιμα
Ιδίο βάρος αόπλου σκυροδέματος 24,00 KN/m3
Μέσο πάχος στρώσης 0,09 m
2,16 KN/m2

Ιδίο βάρος ασφαλτικών στρώσεων 24,00 KN/m3
Συνολικό πάχος ασφαλτικού 0,1 m
2,40 KN/m2

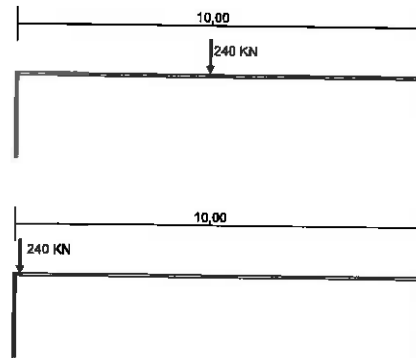
Συνολικά πρόσθετο μόνιμο 4,56 KN/m2

3Α) Προσμοίωμα φόρτισης 1 (ΠΦ1)

Άνοιγμα 10,00 m
Πλάτος φόρτισης 2,40 m
Μήκος οχήματος 1,20 m
Φορτίο οχήματος 480 KN



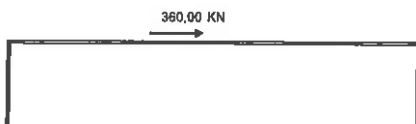
4) Προσμοίωμα φόρτισης 2 (ΠΦ2)



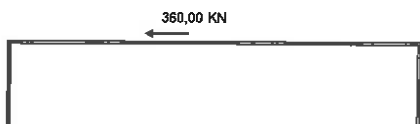
- 5) Τροχοπέδηση +
Συνολικό μήκος τεχνικού L= 12,00 m

Συνολική δύναμη τροχοπέδησης
 $Q_{lk} = 0.5 \cdot (\alpha Q_l) \cdot (2 \cdot Q_{lk}) + 0.10 \cdot a_l \cdot q_{lk} \cdot w_l \cdot L = 360.00 \leq 360.00 \text{ KN} \leq 800$

$a_{Ql} = 1.00$
 $Q_{lk} = 240.00 \text{ KN}$
 $a_{ql} = 1.00$
 $q_{lk} = 9.00 \text{ KN/m}^2$
 $w_l = 3.00 \text{ m}$



6) Τροχοπέδηση -



7) Θερμοκρασιακή μεταβολή -

Ελάχιστη θερμοκρασία υπό σκιά -20,00 °C
Μέγιστη θερμοκρασία υπό σκιά 45,00 °C
 $T_{\min} = -13,00 \text{ °C}$
 $T_{\max} = 45,00 \text{ °C}$
 $T_o = 15,00 \text{ °C}$
 $\Delta T_{N,neg} = -28,00 \text{ °C}$
 $\alpha_t = 10^{-5} \rightarrow \Delta L = -0.00028$

8) Θερμοκρασιακή μεταβολή +

$\Delta T_{N,pos} = 30,00 \text{ °C}$
 $\alpha_t = 10^{-5} \rightarrow \Delta L = 0.00030$

9) Διαφορική θερμοκρασιακή μεταβολή -
(Κάτω πλευρά πιο θερμή)

Πάχος φορέα = 1,00 m
 $\Delta T_{M,neg} = -8,00 \text{ °C}$
Καμπυλότητα = $-8,00 \cdot (10^{-5}/h) = -0.000080$

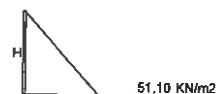
10) Διαφορική θερμοκρασιακή μεταβολή +
(Άνω πλευρά πιο θερμή)

Πάχος επίστρωσης (0, 50, 80, 100, 150, 300 mm) = 100 mm
Συντελεστής επήρανης = 0,70
 $\Delta T_{M,pos} = 10,50 \text{ °C}$
Καμπυλότητα = $10,50 \cdot (10^{-5}/h) = 0.000105$

11) Ωθήσεις γαλίν ημεμίας
 $\phi = 30^\circ \rightarrow K_o = 1 - \sin \phi = 0,5$

Ύψος εφαρμογής H = 5,11 m
Ειδικά βάρος εδάφους γ = 20,00 KN/m3

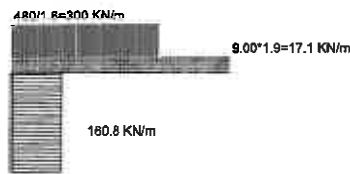
Αναπτυσσόμενες ωθήσεις = $K_o \cdot H^2 \cdot \gamma = 51,10 \text{ KN/m}^2$



12) Κινητό πίσω από ακρόβαθρο -

$$q_1^* K_0 + q_2^* K_0 =$$

160,80 KN/m



13) Κινητό πίσω από ακρόβαθρο +

-158,55 KN/m

14) Σεισμός στα μόνιμα φορτία και στα φορτία κυκλοφορίας+

Μόνιμα φορτία
Πάχος βάθρων
Αριθμός βάθρων

1,00 m
2

Σεισμικός συντελεστής
Συντελεστής σπουδαιότητας
Συντελεστής θεμελίωσης
 $\beta_0 =$
 $\alpha =$

0,24
1,00
1,00
2,50
0,60

Σεισμικό φορτίο
Ανωδομή
Βάθρα
Πλάτος φόρτισης
Ανωδομή
Βάθρα

15 KN/m²
15,00 KN/m²
2,40 m
36,00 KN/m
36,00 KN/m

Πρόσθετο μόνιμο
Συνολικό πρόσθετο μόνιμο
Σεισμικό φορτίο
Πλάτος φόρτισης
Ανωδομή

4,56 KN/m²
2,74 KN/m²
2,40 m
6,57 KN/m

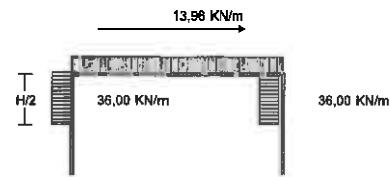
Κινητά φορτία

Αναγωγή κύριου σχήματος σε καταμετρημένο φορτίο x 0,2
Λοιπά καταμετρημένο φορτίο x 0,2

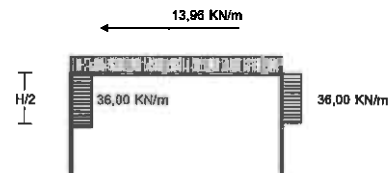
8,00 KN/m
4,32 KN/m

Άθροισμα γραμμικών φορτίων ανωδομής

12,32 KN/m



15) Σεισμός στα μόνιμα φορτία και στα φορτία κυκλοφορίας-



16) Ωθήσεις σεισμικού αντιβέτες

Τοίχοι πρακτικώς αμετακίνητοι
 $\sigma_1 = 0,5^* \alpha^* \gamma^* H^* 2,4 =$ 29,43 KN/m
 $\sigma_2 = 1,5^* \alpha^* \gamma^* H^* 2,4 =$ 88,30 KN/m

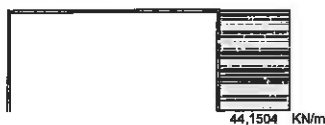


17) Ωθήσεις σεισμικού ομόφορες +

Τοίχοι με περιορισμένη δυνατότητα μετακίνησης
 $\sigma_1 = 0,75^* \alpha^* \gamma^* H^* 2,4 =$ 44,15 KN/m



18) Ωθήσεις σεισμικού ομόφορες -



forces.tbl

Table: Element Forces - Frames, Part 1 of 3

Frame	Station	Output Case	Case Type	Step Type	Step Num	P	V1	V2	V3
1	0	DEAD	LinStatic			-626,438	-25,000	0	0
1	2,05487	DEAD	LinStatic			-657,841	-25,000	0	0
1	4,10994	DEAD	LinStatic			-1107,458	-25,000	0	0
1	0	MODAL	LinModal	Mode	1	-2,252E-06	-4,576E-07	712,300	
1	2,05487	MODAL	LinModal	Mode	1	-2,252E-06	-4,576E-07	712,300	
1	4,10994	MODAL	LinModal	Mode	1	-2,252E-06	-4,576E-07	712,300	
1	0	MODAL	LinModal	Mode	2	1,843E-04	-9,057E-08	3711,307	
1	2,05487	MODAL	LinModal	Mode	2	1,843E-04	-9,057E-08	3711,307	
1	4,10994	MODAL	LinModal	Mode	2	1,843E-04	-9,057E-08	3711,307	
1	0	MODAL	LinModal	Mode	3	-3624,065	1790,116	-2,791E-05	
1	2,05487	MODAL	LinModal	Mode	3	-3624,065	1790,116	-2,791E-05	
1	4,10994	MODAL	LinModal	Mode	3	-3624,065	1790,116	-2,791E-05	
1	0	MODAL	LinModal	Mode	4	-41,0,623	-1790,69	1,450E-07	
1	2,05487	MODAL	LinModal	Mode	4	-410,728	-1,2973	1,450E-07	
1	4,10994	MODAL	LinModal	Mode	4	-4880,828	-1752,59	1,450E-07	
1	0	MODAL	LinModal	Mode	5	4384,877	4034,041	5,047E-08	
1	2,05487	MODAL	LinModal	Mode	5	4384,877	4034,041	5,046E-08	
1	4,10994	MODAL	LinModal	Mode	5	4384,877	4034,041	5,046E-08	
1	0	MODAL	LinModal	Mode	6	-4475,1	-16779,258	1,001E-06	
1	2,05487	MODAL	LinModal	Mode	6	-4475,1	-16779,258	1,001E-06	
1	4,10994	MODAL	LinModal	Mode	6	-4475,1	-16779,258	1,001E-06	
1	0	MODAL	LinModal	Mode	7	-5,979E-05	4,833E-08	529,212	
1	2,05487	MODAL	LinModal	Mode	7	-5,979E-05	4,833E-08	529,212	
1	4,10994	MODAL	LinModal	Mode	7	-5,979E-05	4,833E-08	529,212	
1	0	MODAL	LinModal	Mode	8	-2,072E-04	-3,694E-06	3435,704	
1	2,05487	MODAL	LinModal	Mode	8	-2,072E-04	-3,694E-06	3435,704	
1	4,10994	MODAL	LinModal	Mode	8	-2,072E-04	-3,694E-06	3435,704	
1	0	MODAL	LinModal	Mode	9	-1,590E-03	-2,355E-04	10577,928	
1	2,05487	MODAL	LinModal	Mode	9	-1,590E-03	-2,355E-04	10577,928	
1	4,10994	MODAL	LinModal	Mode	9	-1,590E-03	-2,355E-04	10577,928	
1	0	MODAL	LinModal	Mode	10	-657,841	18289,072	1,031E-04	
1	2,05487	MODAL	LinModal	Mode	10	-657,841	18289,072	1,031E-04	
1	4,10994	MODAL	LinModal	Mode	10	-657,841	18289,072	1,031E-04	
1	0	MODAL	LinModal	Mode	11	1,139E-03	-1,148E-04	-16117,276	
1	2,05487	MODAL	LinModal	Mode	11	1,139E-03	-1,148E-04	-16117,276	
1	4,10994	MODAL	LinModal	Mode	11	1,139E-03	-1,148E-04	-16117,276	
1	0	MODAL	LinModal	Mode	12	28543,83	23285,838	-2,331E-06	
1	2,05487	MODAL	LinModal	Mode	12	28543,83	23285,838	-2,331E-06	
1	4,10994	MODAL	LinModal	Mode	12	28543,83	23285,838	-2,331E-06	
1	0	LIVE	LinStatic			-343,728	100,851	0	0
1	2,05487	LIVE	LinStatic			-343,728	100,851	0	0
1	4,10994	LIVE	LinStatic			-343,728	100,851	0	0
1	0	DOCN1	Combination			-448,399	-37,811	0	0
1	2,05487	DOCN1	Combination			-1171,731	-37,811	0	0
1	4,10994	DOCN1	Combination			-1465,909	-37,811	0	0
1	0	DOCN2	Combination			-1383,842	113,456	0	0
1	2,05487	DOCN2	Combination			-1857,32	113,456	0	0
1	4,10994	DOCN2	Combination			-2010,758	113,456	0	0
2	0	DEAD	LinStatic			-4,84,3	27,017	0	0
2	2,05487	DEAD	LinStatic			-487,848	28,017	0	0
2	4,10994	DEAD	LinStatic			-1197,458	27,017	0	0
2	0	MODAL	LinModal	Mode	1	-2,340E-05	8,845E-07	712,300	
2	2,05487	MODAL	LinModal	Mode	1	-2,340E-05	8,845E-07	712,300	

Frame	Station	OutputCase	CaseType	StepType	StepNum	F	Vx	Vy	Vz
						KN	KN	KN	KN
2	4,10,34	MODAL	LinModal	Mode	1	-2,340E-05	8,885E-07	712,309	
2	0	MODAL	LinModal	Mode	2	-5,518E-04	3,824E-05	-3811,285	
2	2,05497	MODAL	LinModal	Mode	2	-5,518E-04	3,824E-05	-3811,285	
2	4,10994	MODAL	LinModal	Mode	3	-2,340E-05	8,885E-07	712,309	
2	0	MODAL	LinModal	Mode	3	3,824,137	1790,638	-6,087E-08	
2	2,05497	MODAL	LinModal	Mode	3	3,824,137	1790,638	-6,087E-08	
2	4,10994	MODAL	LinModal	Mode	4	-4800,743	1800,289	-5,327E-05	
2	0	MODAL	LinModal	Mode	4	-4800,743	1800,289	-5,327E-05	
2	2,05497	MODAL	LinModal	Mode	4	-4800,743	1800,289	-5,327E-05	
2	4,10,34	MODAL	LinModal	Mode	5	-4800,743	1800,289	-5,327E-05	
2	0	MODAL	LinModal	Mode	5	-4364,251	4038,057	1,857E-07	
2	2,05497	MODAL	LinModal	Mode	5	-4364,251	4038,057	1,857E-07	
2	4,10994	MODAL	LinModal	Mode	6	-4364,251	4038,057	1,857E-07	
2	0	MODAL	LinModal	Mode	6	-4474,794	10778,501	-3,286E-07	
2	2,05497	MODAL	LinModal	Mode	6	-4474,794	10778,501	-3,286E-07	
2	4,10994	MODAL	LinModal	Mode	7	-4474,794	10778,501	-3,286E-07	
2	0	MODAL	LinModal	Mode	7	-1,254E-04	-7,141E-06	529,549	
2	2,05497	MODAL	LinModal	Mode	7	-1,254E-04	-7,141E-06	529,549	
2	4,10994	MODAL	LinModal	Mode	8	-1,002E-03	2,859E-05	9435,529	
2	0	MODAL	LinModal	Mode	8	-1,002E-03	2,859E-05	9435,529	
2	2,05497	MODAL	LinModal	Mode	9	-4,176E-03	8,242E-05	-10579,084	
2	4,10994	MODAL	LinModal	Mode	9	-4,176E-03	8,242E-05	-10579,084	
2	0	MODAL	LinModal	Mode	10	857,839	19289,617	8,261E-05	
2	2,05497	MODAL	LinModal	Mode	10	857,839	19289,617	8,261E-05	
2	4,10994	MODAL	LinModal	Mode	11	857,839	19289,617	8,261E-05	
2	0	MODAL	LinModal	Mode	11	-1,773E-03	3,456E-04	-18117,169	
2	2,05497	MODAL	LinModal	Mode	11	-1,773E-03	3,456E-04	-18117,169	
2	4,10994	MODAL	LinModal	Mode	12	-28843,853	23285,959	-1,388E-05	
2	0	MODAL	LinModal	Mode	12	-28843,853	23285,959	-1,388E-05	
2	2,05497	MODAL	LinModal	Mode	12	-28843,853	23285,959	-1,388E-05	
2	4,10994	MODAL	LinModal	Mode	12	-28843,853	23285,959	-1,388E-05	
2	0	LIVE	UnStatic			-91,882	-0,030	0	
2	2,05497	LIVE	UnStatic			-91,882	-0,030	0	
2	4,10994	LIVE	UnStatic			-91,882	-0,030	0	
2	0	DCON1	Combination			-846,392	37,822	0	
2	2,05497	DCON1	Combination			-846,392	37,822	0	
2	4,10994	DCON1	Combination			-846,392	37,822	0	
2	0	DCON2	Combination			-956,194	25,768	0	
2	2,05497	DCON2	Combination			-956,194	25,768	0	
2	4,10994	DCON2	Combination			-956,194	25,768	0	
3	0	DEAD	UnStatic			-1548,156	-4,318E-03	0	
3	2,05497	DEAD	UnStatic			-1548,156	-4,318E-03	0	
3	4,10994	DEAD	UnStatic			-1548,156	-4,318E-03	0	
3	0	MODAL	LinModal	Mode	1	1,378E-05	2,188E-07	126,746	
3	2,05497	MODAL	LinModal	Mode	1	1,378E-05	2,188E-07	126,746	
3	4,10994	MODAL	LinModal	Mode	2	-3,088E-03	3,540E-05	-5,555E-09	
3	0	MODAL	LinModal	Mode	2	-3,088E-03	3,540E-05	-5,555E-09	
3	2,05497	MODAL	LinModal	Mode	3	-3,088E-03	3,540E-05	-5,555E-09	
3	4,10994	MODAL	LinModal	Mode	3	-3,088E-03	3,540E-05	-5,555E-09	
3	0	MODAL	LinModal	Mode	3	0,182	8259,873	8,851E-08	
3	2,05497	MODAL	LinModal	Mode	3	0,182	8259,873	8,851E-08	

Table: Element Forces - Frames, Part 1 of 3									
Frame	Station	OutputCase	CaseType	StepType	StepNum	F	Vx	Vy	Vz
	m					KN	KN	KN	KN
3	4,10994	MODAL	LinModal	Mode	3	0,182	8259,873	8,851E-08	
3	0	MODAL	LinModal	Mode	4	-8351,232	0,384	-5,194E-08	
3	2,05497	MODAL	LinModal	Mode	4	-8351,232	0,384	-5,194E-08	
3	4,10994	MODAL	LinModal	Mode	5	0,595	4811,288	-2,508E-07	
3	0	MODAL	LinModal	Mode	5	0,595	4811,288	-2,508E-07	
3	2,05497	MODAL	LinModal	Mode	6	9382,985	0,029	-1,457E-08	
3	4,10994	MODAL	LinModal	Mode	6	9382,985	0,029	-1,457E-08	
3	0	MODAL	LinModal	Mode	7	-1,789E-04	-8,116E-06	1894,285	
3	2,05497	MODAL	LinModal	Mode	7	-1,789E-04	-8,116E-06	1894,285	
3	4,10994	MODAL	LinModal	Mode	8	9,573E-04	-7,141E-07	-8339,974	
3	0	MODAL	LinModal	Mode	8	9,573E-04	-7,141E-07	-8339,974	
3	2,05497	MODAL	LinModal	Mode	9	4,253E-03	-1,828E-04	0,233	
3	4,10994	MODAL	LinModal	Mode	9	4,253E-03	-1,828E-04	0,233	
3	0	MODAL	LinModal	Mode	10	0,089	419,179	-1,811E-04	
3	2,05497	MODAL	LinModal	Mode	10	0,089	419,179	-1,811E-04	
3	4,10994	MODAL	LinModal	Mode	11	7,548E-04	-6,124E-05	31640,004	
3	0	MODAL	LinModal	Mode	11	7,548E-04	-6,124E-05	31640,004	
3	2,05497	MODAL	LinModal	Mode	12	0,045	-18172,842	1,644E-05	
3	4,10994	MODAL	LinModal	Mode	12	0,045	-18172,842	1,644E-05	
3	0	LIVE	UnStatic			-519,812	-82,815	0	
3	2,05497	LIVE	UnStatic			-519,812	-82,815	0	
3	4,10994	LIVE	UnStatic			-519,812	-82,815	0	
3	0	DCON1	Combination			-2900,01	-0,011	0	
3	2,05497	DCON1	Combination			-2900,01	-0,011	0	
3	4,10994	DCON1	Combination			-2900,01	-0,011	0	
3	0	DCON2	Combination			-2869,428	-139,234	0	
3	2,05497	DCON2	Combination			-2869,428	-139,234	0	
3	4,10994	DCON2	Combination			-2869,428	-139,234	0	
4	0	DEAD	UnStatic			-28,008	-964,688	0	
4	0,5	DEAD	UnStatic			-28,008	-964,688	0	
4	1	DEAD	UnStatic			-28,008	-964,688	0	
4	1,5	DEAD	UnStatic			-28,008	-964,688	0	
4	2	DEAD	UnStatic			-28,008	-964,688	0	
4	2,5	DEAD	UnStatic			-28,008	-964,688	0	
4	3	DEAD	UnStatic			-28,008	-964,688	0	
4	3,5	DEAD	UnStatic			-28,008	-964,688	0	
4	4	DEAD	UnStatic			-28,008	-964,688	0	
4	4,5	DEAD	UnStatic			-28,008	-964,688	0	
4	5	DEAD	UnStatic			-28,008	-964,688	0	
4	5,5	DEAD	UnStatic			-28,008	-964,688	0	
4	6	DEAD	UnStatic			-28,008	-964,688	0	
4	6,5	DEAD	UnStatic			-28,008	-964,688	0	
4	7	DEAD	UnStatic			-28,008	-964,688	0	
4	7,5	DEAD	UnStatic			-28,008	-964,688	0	
4	8	DEAD	UnStatic			-28,008	-964,688	0	

Frame	Station	Output Case	Case Type	Step Type	Step Name	P	V1	V2	V3
						KN	KN	KN	KN
4	9.5	DDON1	Combination			37.811	787.814	0	0
4	10	DDON1	Combination			37.811	872.777	0	0
4	10.5	DDON1	Combination			37.811	955.941	0	0
4	11	DDON1	Combination			37.811	1044.004	0	0
4	0	DDON2	Combination			-113.466	-1363.582	0	0
4	0.5	DDON2	Combination			-113.466	-1281.718	0	0
4	1	DDON2	Combination			-113.466	-1161.455	0	0
4	1.5	DDON2	Combination			-113.466	-1067.191	0	0
4	2	DDON2	Combination			-113.466	-954.808	0	0
4	2.5	DDON2	Combination			-113.466	-852.564	0	0
4	3	DDON2	Combination			-113.466	-750.401	0	0
4	3.5	DDON2	Combination			-113.466	-648.137	0	0
4	4	DDON2	Combination			-113.466	-545.794	0	0
4	4.5	DDON2	Combination			-113.466	-443.551	0	0
4	5	DDON2	Combination			-113.466	-351.347	0	0
4	5.5	DDON2	Combination			-113.466	-259.171	0	0
4	6	DDON2	Combination			-113.466	-166.928	0	0
4	6.5	DDON2	Combination			-113.466	-74.685	0	0
4	7	DDON2	Combination			-113.466	17.558	0	0
4	7.5	DDON2	Combination			-113.466	109.801	0	0
4	8	DDON2	Combination			-113.466	222.044	0	0
4	8.5	DDON2	Combination			-113.466	334.287	0	0
4	9	DDON2	Combination			-113.466	446.530	0	0
4	9.5	DDON2	Combination			-113.466	558.773	0	0
4	10	DDON2	Combination			-113.466	671.016	0	0
4	10.5	DDON2	Combination			-113.466	783.259	0	0
4	11	DDON2	Combination			-113.466	895.502	0	0
5	0	DEAD	UnStatic			20.017	-774.078	0	0
5	0.5	DEAD	UnStatic			20.017	-710.327	0	0
5	1	DEAD	UnStatic			20.017	-646.577	0	0
5	1.5	DEAD	UnStatic			20.017	-582.826	0	0
5	2	DEAD	UnStatic			20.017	-519.075	0	0
5	2.5	DEAD	UnStatic			20.017	-455.324	0	0
5	3	DEAD	UnStatic			20.017	-391.574	0	0
5	3.5	DEAD	UnStatic			20.017	-327.823	0	0
5	4	DEAD	UnStatic			20.017	-264.072	0	0
5	4.5	DEAD	UnStatic			20.017	-200.321	0	0
5	5	DEAD	UnStatic			20.017	-136.570	0	0
5	5.5	DEAD	UnStatic			20.017	-72.819	0	0
5	6	DEAD	UnStatic			20.017	-9.068	0	0
5	6.5	DEAD	UnStatic			20.017	54.682	0	0
5	7	DEAD	UnStatic			20.017	118.432	0	0
5	7.5	DEAD	UnStatic			20.017	182.183	0	0
5	8	DEAD	UnStatic			20.017	245.934	0	0
5	8.5	DEAD	UnStatic			20.017	309.685	0	0
5	9	DEAD	UnStatic			20.017	373.435	0	0
5	9.5	DEAD	UnStatic			20.017	437.186	0	0
5	10	DEAD	UnStatic			20.017	500.937	0	0
5	10.5	DEAD	UnStatic			20.017	564.688	0	0
5	11	DEAD	UnStatic			20.017	628.438	0	0
5	0	MODAL	UnStatic	Mode	1	2.713E-07	-9.078E-08	-11.928	0
5	0.5	MODAL	UnStatic	Mode	1	2.713E-07	-9.078E-08	-11.928	0
5	1	MODAL	UnStatic	Mode	1	2.713E-07	-9.078E-08	-11.928	0
5	1.5	MODAL	UnStatic	Mode	1	2.713E-07	-9.078E-08	-11.928	0

Frame	Station	Output Case	Case Type	Step Type	Step Name	P	V1	V2	V3
						KN	KN	KN	KN
5	2	MODAL	UnStatic	Mode	1	2.713E-07	-9.078E-08	-11.928	0
5	2.5	MODAL	UnStatic	Mode	1	2.713E-07	-9.078E-08	-11.928	0
5	3	MODAL	UnStatic	Mode	1	2.713E-07	-9.078E-08	-11.928	0
5	3.5	MODAL	UnStatic	Mode	1	2.713E-07	-9.078E-08	-11.928	0
5	4	MODAL	UnStatic	Mode	1	2.713E-07	-9.078E-08	-11.928	0
5	4.5	MODAL	UnStatic	Mode	1	2.713E-07	-9.078E-08	-11.928	0
5	5	MODAL	UnStatic	Mode	1	2.713E-07	-9.078E-08	-11.928	0
5	5.5	MODAL	UnStatic	Mode	1	2.713E-07	-9.078E-08	-11.928	0
5	6	MODAL	UnStatic	Mode	1	2.713E-07	-9.078E-08	-11.928	0
5	6.5	MODAL	UnStatic	Mode	1	2.713E-07	-9.078E-08	-11.928	0
5	7	MODAL	UnStatic	Mode	1	2.713E-07	-9.078E-08	-11.928	0
5	7.5	MODAL	UnStatic	Mode	1	2.713E-07	-9.078E-08	-11.928	0
5	8	MODAL	UnStatic	Mode	1	2.713E-07	-9.078E-08	-11.928	0
5	8.5	MODAL	UnStatic	Mode	1	2.713E-07	-9.078E-08	-11.928	0
5	9	MODAL	UnStatic	Mode	1	2.713E-07	-9.078E-08	-11.928	0
5	9.5	MODAL	UnStatic	Mode	1	2.713E-07	-9.078E-08	-11.928	0
5	10	MODAL	UnStatic	Mode	1	2.713E-07	-9.078E-08	-11.928	0
5	10.5	MODAL	UnStatic	Mode	1	2.713E-07	-9.078E-08	-11.928	0
5	11	MODAL	UnStatic	Mode	1	2.713E-07	-9.078E-08	-11.928	0
5	0	MODAL	UnStatic	Mode	2	3.454E-05	-3.274E-06	742.04	0
5	0.5	MODAL	UnStatic	Mode	2	3.454E-05	-3.274E-06	742.04	0
5	1	MODAL	UnStatic	Mode	2	3.454E-05	-3.274E-06	742.04	0
5	1.5	MODAL	UnStatic	Mode	2	3.454E-05	-3.274E-06	742.04	0
5	2	MODAL	UnStatic	Mode	2	3.454E-05	-3.274E-06	742.04	0
5	2.5	MODAL	UnStatic	Mode	2	3.454E-05	-3.274E-06	742.04	0
5	3	MODAL	UnStatic	Mode	2	3.454E-05	-3.274E-06	742.04	0
5	3.5	MODAL	UnStatic	Mode	2	3.454E-05	-3.274E-06	742.04	0
5	4	MODAL	UnStatic	Mode	2	3.454E-05	-3.274E-06	742.04	0
5	4.5	MODAL	UnStatic	Mode	2	3.454E-05	-3.274E-06	742.04	0
5	5	MODAL	UnStatic	Mode	2	3.454E-05	-3.274E-06	742.04	0
5	5.5	MODAL	UnStatic	Mode	2	3.454E-05	-3.274E-06	742.04	0
5	6	MODAL	UnStatic	Mode	2	3.454E-05	-3.274E-06	742.04	0
5	6.5	MODAL	UnStatic	Mode	2	3.454E-05	-3.274E-06	742.04	0
5	7	MODAL	UnStatic	Mode	2	3.454E-05	-3.274E-06	742.04	0
5	7.5	MODAL	UnStatic	Mode	2	3.454E-05	-3.274E-06	742.04	0
5	8	MODAL	UnStatic	Mode	2	3.454E-05	-3.274E-06	742.04	0
5	8.5	MODAL	UnStatic	Mode	2	3.454E-05	-3.274E-06	742.04	0
5	9	MODAL	UnStatic	Mode	2	3.454E-05	-3.274E-06	742.04	0
5	9.5	MODAL	UnStatic	Mode	2	3.454E-05	-3.274E-06	742.04	0
5	10	MODAL	UnStatic	Mode	2	3.454E-05	-3.274E-06	742.04	0
5	10.5	MODAL	UnStatic	Mode	2	3.454E-05	-3.274E-06	742.04	0
5	11	MODAL	UnStatic	Mode	2	3.454E-05	-3.274E-06	742.04	0
5	0	MODAL	UnStatic	Mode	3	-852.712	-890.431	8.084E-06	0
5	0.5	MODAL	UnStatic	Mode	3	-852.712	-890.431	8.084E-06	0
5	1	MODAL	UnStatic	Mode	3	-852.712	-890.431	8.084E-06	0
5	1.5	MODAL	UnStatic	Mode	3	-852.712	-890.431	8.084E-06	0
5	2	MODAL	UnStatic	Mode	3	-852.712	-890.431	8.084E-06	0
5	2.5	MODAL	UnStatic	Mode	3	-852.712	-890.431	8.084E-06	0
5	3	MODAL	UnStatic	Mode	3	-852.712	-890.431	8.084E-06	0
5	3.5	MODAL	UnStatic	Mode	3	-852.712	-890.431	8.084E-06	0
5	4	MODAL	UnStatic	Mode	3	-852.712	-890.431	8.084E-06	0
5	4.5	MODAL	UnStatic	Mode	3	-852.712	-890.431	8.084E-06	0
5	5	MODAL	UnStatic	Mode	3	-852.712	-890.431	8.084E-06	0
5	5.5	MODAL	UnStatic	Mode	3	-852.712	-890.431	8.084E-06	0

Table: Element Forces - Frames, Part 1 of 3									
Frame	Station	Output Case	Case Type	Step Type	Step Name	P	V1	V2	V3
						KN	KN	KN	KN
5	6	MODAL	UnStatic	Mode	3	-852.712	-890.431	8.084E-06	0
5	6.5	MODAL	UnStatic	Mode	3	-852.712	-890.431	8.084E-06	0
5	7	MODAL	UnStatic	Mode	3	-852.712	-890.431	8.084E-06	0
5	7.5	MODAL	UnStatic	Mode	3	-852.712	-890.431	8.084E-06	0
5	8	MODAL	UnStatic	Mode	3	-852.712	-890.431	8.084E-06	0
5	8.5	MODAL	UnStatic	Mode	3	-852.712	-890.431	8.084E-06	0
5	9	MODAL	UnStatic	Mode	3	-852.712	-890.431	8.084E-06	0
5	9.5	MODAL	UnStatic	Mode	3	-852.712	-890.431	8.084E-06	0
5	10	MODAL	UnStatic	Mode	3	-852.712	-890.431	8.084E-06	0
5	10.5	MODAL	UnStatic	Mode	3	-852.712	-890.431	8.084E-06	0
5	11	MODAL	UnStatic	Mode	3	-852.712	-890.431	8.084E-06	0
5	0	MODAL	UnStatic	Mode	4	1827.819	-238.921	4.803E-08	0
5	0.5	MODAL	UnStatic	Mode	4	1827.819	-238.921	4.803E-08	0
5	1	MODAL	UnStatic	Mode	4	1827.819	-238.921	4.803E-08	0
5	1.5	MODAL	UnStatic	Mode	4	1827.819	-238.921	4.803E-08	0
5	2	MODAL	UnStatic	Mode	4	1827.819	-238.921	4.803E-08	0
5	2.5	MODAL	UnStatic	Mode	4	1827.819	-238.921	4.803E-08	0
5	3	MODAL	UnStatic	Mode	4	1827.819	-238.921	4.803E-08	0
5	3.5	MODAL	UnStatic	Mode	4	1827.819	-238.921	4.803E-08	0
5	4	MODAL	UnStatic	Mode	4	1827.819	-238.921	4.803E-08	0
5	4.5	MODAL	UnStatic	Mode	4	1827.819	-238.921	4.803E-08	0
5	5	MODAL	UnStatic	Mode	4	1827.819	-238.921	4.803E-08	0
5	5.5	MODAL	UnStatic	Mode	4	1827.819	-238.921	4.803E-08	0
5	6	MODAL	UnStatic	Mode	4	1827.819	-238.921	4.803E-08	0
5	6.5	MODAL	UnStatic	Mode	4	1827.819	-238.921	4.803E-08	0
5	7	MODAL	UnStatic	Mode	4	1827.819	-238.921	4.803E-08	0
5	7.5	MODAL	UnStatic	Mode	4	1827.819	-238.921	4.803E-08	0
5	8	MODAL	UnStatic	Mode	4	1827.819	-238.921	4.803E-08	0
5	8.5	MODAL	UnStatic	Mode	4	1827.819	-238.921	4.803E-08	0
5	9	MODAL	UnStatic	Mode	4	1827.819	-238.921	4.803E-08	0
5	9.5	MODAL	UnStatic	Mode	4	1827.819	-238.921	4.803E-08	0
5	10	MODAL	UnStatic	Mode	4	1,737.819	-238.921	4.803E-08	0
5	10.5	MODAL	UnStatic	Mode	4	1827.819	-238.921	4.803E-08	0
5	11	MODAL	UnStatic	Mode	4	1827.819	-238.921	4.803E-08	0
5	0	MODAL	UnStatic	Mode	5	694.818	-1108.346	-2.312E-07	0
5	0.5	MODAL	UnStatic	Mode	5	694.818	-1108.346	-2.312E-07	0
5	1	MODAL	UnStatic	Mode	5	694.818	-1108.346	-2.312E-07	0
5	1.5	MODAL	UnStatic	Mode	5	694.818	-1108.346	-2.312E-07	0
5	2	MODAL	UnStatic	Mode	5	694.818	-1108.346	-2.312E-07	0
5	2.5	MODAL	UnStatic	Mode	5	694.818	-1108.346	-2.312E-07	0
5	3	MODAL	UnStatic	Mode	5	694.818	-1108.346	-2.312E-07	0
5	3.5	MODAL	UnStatic	Mode	5	694.818	-1108.346	-2.312E-07	0
5	4	MODAL	UnStatic	Mode	5	694.818	-1108.346	-2.312E-07	0
5	4.5	MODAL	UnStatic	Mode	5	694.818	-1108.346	-2.312E-07	0
5	5	MODAL	UnStatic	Mode	5	694.818	-1108.346	-2.312E-07	0
5	5.5	MODAL	UnStatic	Mode	5	694.818	-1108.346	-2.312E-07	0
5	6	MODAL	UnStatic	Mode	5	694.818	-1108.346	-2.312E-07	0
5	6.5	MODAL	UnStatic	Mode	5	694.818	-1108.346	-2.312E-07	0
5	7	MODAL	UnStatic	Mode	5	694.818	-1108.346	-2.312E-07	0
5	7.5	MODAL	UnStatic	Mode	5	694.818	-1108.346	-2.312E-07	0
5	8	MODAL	UnStatic	Mode	5	694.818	-1108.346	-2.312E-07	0
5	8.5	MODAL	UnStatic	Mode	5	694.818	-1108.346	-2.312E-07	0
5	9	MODAL	UnStatic	Mode	5	694.818	-1108.346	-2.312E-07	0
5	9.5	MODAL	UnStatic	Mode	5	694.818	-1108.346	-2.312E-07	0
5	10	MODAL	UnStatic	Mode	5	694.818	-1108.346	-2.312E-07	0
5	10.5	MODAL	UnStatic	Mode	5	694.818	-1108.346	-2.312E-07	0
5	11	MODAL	UnStatic	Mode	5	694.818	-1108.346	-2.312E-07	0

Table: Element Forces - Frames Part 1 of 3									
Frame	Elem	Location	Component	CaseType	StatType	Shear	V1 KN	V2 KN	V3 KN
5	6,5	MODAL	LinModal	Mode	10	-2340,139	-7678,221	-1,347E-04	
5	7	MODAL	LinModal	Mode	10	-2340,139	-7678,221	-1,347E-04	
5	7,5	MODAL	LinModal	Mode	10	-2340,139	-7678,221	-1,347E-04	
5	8	MODAL	LinModal	Mode	10	-2340,139	-7678,221	-1,347E-04	
5	8,5	MODAL	LinModal	Mode	10	-2340,139	-7678,221	-1,347E-04	
5	9	MODAL	LinModal	Mode	10	-2340,139	-7678,221	-1,347E-04	
5	9,5	MODAL	LinModal	Mode	10	-2340,139	-7678,221	-1,347E-04	
5	10	MODAL	LinModal	Mode	10	-2340,139	-7678,221	-1,347E-04	
5	10,5	MODAL	LinModal	Mode	10	-2340,139	-7678,221	-1,347E-04	
5	11	MODAL	LinModal	Mode	10	-2340,139	-7678,221	-1,347E-04	
6	0	MODAL	LinModal	Mode	11	-4,688E-06	-6,073E-07	9101,598	
6	0,5	MODAL	LinModal	Mode	11	-4,688E-06	-6,073E-07	9101,593	
6	1	MODAL	LinModal	Mode	11	-4,688E-06	-6,073E-07	9101,598	
6	1,5	MODAL	LinModal	Mode	11	-4,688E-06	-6,073E-07	9101,598	
6	2	MODAL	LinModal	Mode	11	-4,688E-06	-6,073E-07	9101,598	
6	2,5	MODAL	LinModal	Mode	11	-4,688E-06	-6,073E-07	9101,598	
6	3	MODAL	LinModal	Mode	11	-4,688E-06	-6,073E-07	9101,598	
6	3,5	MODAL	LinModal	Mode	11	-4,688E-06	-6,073E-07	9101,598	
6	4	MODAL	LinModal	Mode	11	-4,688E-06	-6,073E-07	9101,598	
6	4,5	MODAL	LinModal	Mode	11	-4,688E-06	-6,073E-07	9101,598	
6	5	MODAL	LinModal	Mode	11	-4,688E-06	-6,073E-07	9101,598	
6	5,5	MODAL	LinModal	Mode	11	-4,688E-06	-6,073E-07	9101,598	
6	6	MODAL	LinModal	Mode	11	-4,688E-06	-6,073E-07	9101,598	
6	6,5	MODAL	LinModal	Mode	11	-4,688E-06	-6,073E-07	9101,598	
6	7	MODAL	LinModal	Mode	11	-4,688E-06	-6,073E-07	9101,598	
6	7,5	MODAL	LinModal	Mode	11	-4,688E-06	-6,073E-07	9101,593	
6	8	MODAL	LinModal	Mode	11	-4,688E-06	-6,073E-07	9101,598	
6	8,5	MODAL	LinModal	Mode	11	-4,688E-06	-6,073E-07	9101,598	
6	9	MODAL	LinModal	Mode	11	-4,688E-06	-6,073E-07	9101,598	
6	9,5	MODAL	LinModal	Mode	11	-4,688E-06	-6,073E-07	9101,598	
6	10	MODAL	LinModal	Mode	11	-4,688E-06	-6,073E-07	9101,598	
6	10,5	MODAL	LinModal	Mode	11	-4,688E-06	-6,073E-07	9101,593	
6	11	MODAL	LinModal	Mode	11	-4,688E-06	-6,073E-07	9101,598	
6	0	MODAL	LinModal	Mode	12	16991,594	-1699,585	2,478E-06	
6	0,5	MODAL	LinModal	Mode	12	16991,594	-1699,585	2,478E-06	
6	1	MODAL	LinModal	Mode	12	16991,594	-1699,585	2,478E-06	
6	1,5	MODAL	LinModal	Mode	12	16991,594	-1699,585	2,478E-06	
6	2	MODAL	LinModal	Mode	12	16991,594	-1699,585	2,478E-06	
6	2,5	MODAL	LinModal	Mode	12	16991,594	-1699,585	2,478E-06	
6	3	MODAL	LinModal	Mode	12	16991,594	-1699,585	2,478E-06	
6	3,5	MODAL	LinModal	Mode	12	16991,594	-1699,585	2,478E-06	
6	4	MODAL	LinModal	Mode	12	16991,594	-1699,585	2,478E-06	
6	4,5	MODAL	LinModal	Mode	12	16991,594	-1699,585	2,478E-06	
6	5	MODAL	LinModal	Mode	12	16991,594	-1699,585	2,478E-06	
6	5,5	MODAL	LinModal	Mode	12	16991,594	-1699,585	2,478E-06	
6	6	MODAL	LinModal	Mode	12	16991,734	-1699,885	2,478E-06	
6	6,5	MODAL	LinModal	Mode	12	16991,594	-1699,585	2,478E-06	
6	7	MODAL	LinModal	Mode	12	16991,594	-1699,585	2,478E-06	
6	7,5	MODAL	LinModal	Mode	12	16991,594	-1699,585	2,478E-06	
6	8	MODAL	LinModal	Mode	12	16991,594	-1699,585	2,478E-06	
6	8,5	MODAL	LinModal	Mode	12	16991,594	-1699,585	2,478E-06	
6	9	MODAL	LinModal	Mode	12	16991,594	-1699,585	2,478E-06	
6	9,5	MODAL	LinModal	Mode	12	16991,594	-1699,585	2,478E-06	
6	10	MODAL	LinModal	Mode	12	16991,594	-1699,585	2,478E-06	

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Table: Element Forces - Frames, Part 1 of 3									
Frame	Station	OutpostCase	ElemType	ElapType	StepNum	P	V2	V3	V4
	IN					KN	KN	KN	KN
5	3	DCON2	Combination			25.765	-450.032	0	0
5	3,5	DCON2	Combination			25.768	-547.768	0	0
5	4	DCON2	Combination			25.768	-445.005	0	0
5	4,5	DCON2	Combination			25.768	-343.241	0	0
5	5	DCON2	Combination			25.768	-240.078	0	0
5	5,5	DCON2	Combination			25.773	-138.714	0	0
5	6	DCON2	Combination			25.778	-36.451	0	0
5	6,5	DCON2	Combination			26.768	85.913	0	0
5	7	DCON2	Combination			25.778	188.076	0	0
5	7,5	DCON2	Combination			26.768	270.34	0	0
5	8	DCON2	Combination			25.768	372.693	0	0
5	8,5	DCON2	Combination			26.768	474.867	0	0
5	9	DCON2	Combination			25.768	577.13	0	0
5	9,5	DCON2	Combination			25.773	679.384	0	0
5	10	DCON2	Combination			25.777	781.657	0	0
5	10,5	DCON2	Combination			27.768	883.921	0	0
5	11	DCON2	Combination			25.768	985.184	0	0
5	0	DEAD	LinState			-27.765	539.051	0	0
5	0,45833	DEAD	LinState			-27.765	581.474	0	0
5	0,91665	DEAD	LinState			-27.776	644.793	0	0
5	1,37498	DEAD	LinState			-27.776	698.311	0	0
5	1,8333	DEAD	LinState			-27.776	751.773	0	0
5	0	MODAL	LinModal	Made	1	3,055E-07	3,297E-06	47,2997	0
5	0,45833	MODAL	LinModal	Made	1	3,055E-07	3,297E-06	47,2997	0
5	0,91665	MODAL	LinModal	Made	1	3,055E-07	3,297E-06	47,2997	0
5	1,37498	MODAL	LinModal	Made	1	3,27E-07	3,297E-06	47,2997	0
5	1,8333	MODAL	LinModal	Made	1	3,27E-07	3,297E-06	47,2997	0
5	0	MODAL	LinModal	Made	2	8,519E-04	-1,524E-04	2028,255	0
5	0,45833	MODAL	LinModal	Made	2	8,519E-04	-1,524E-04	2028,255	0
5	0,91665	MODAL	LinModal	Made	2	8,519E-04	-1,524E-04	2028,255	0
5	1,37498	MODAL	LinModal	Made	2	8,519E-04	-1,524E-04	2028,255	0
5	1,8333	MODAL	LinModal	Made	2	8,519E-04	-1,524E-04	2028,255	0
5	0	MODAL	LinModal	Made	3	113,913	1908,906	-8,640E-03	0
5	0,45833	MODAL	LinModal	Made	3	113,913	1908,906	-8,640E-03	0
5	0,91665	MODAL	LinModal	Made	3	113,913	1908,906	-8,640E-03	0
5	1,37498	MODAL	LinModal	Made	3	113,913	1908,906	-8,640E-03	0
5	1,8333	MODAL	LinModal	Made	3	113,913	1908,906	-8,640E-03	0
5	0	MODAL	LinModal	Made	4	-1793,983	3840,05	-2,289E-05	0
5	0,45833	MODAL	LinModal	Made	4	-1793,983	3840,05	-2,289E-05	0
5	0,91665	MODAL	LinModal	Made	4	-1793,983	3840,05	-2,289E-05	0
5	1,37498	MODAL	LinModal	Made	4	-1793,983	3840,05	-2,289E-05	0
5	1,8333	MODAL	LinModal	Made	4	-1793,983	3840,05	-2,289E-05	0
5	0	MODAL	LinModal	Made	5	3490,292	-3617,211	-6,030E-06	0
5	0,45833	MODAL	LinModal	Made	5	3490,292	-3617,211	-6,030E-06	0
5	0,91665	MODAL	LinModal	Made	5	3490,292	-3617,211	-6,030E-06	0
5	1,37498	MODAL	LinModal	Made	5	3490,292	-3617,211	-6,030E-06	0
5	1,8333	MODAL	LinModal	Made	5	3490,292	-3617,211	-6,030E-06	0
5	0	MODAL	LinModal	Made	6	-10800,095	8981,624	-2,878E-04	0
5	0,45833	MODAL	LinModal	Made	6	-10800,095	8981,624	-2,878E-04	0
5	0,91665	MODAL	LinModal	Made	6	-10800,095	8981,624	-2,878E-04	0
5	1,37498	MODAL	LinModal	Made	6	-10800,095	8981,624	-2,878E-04	0
5	1,8333	MODAL	LinModal	Made	6	-10800,095	8981,624	-2,878E-04	0
5	0	MODAL	LinModal	Made	7	2,821E-04	1,687E-06	-1383,247	0
5	0,45833	MODAL	LinModal	Made	7	2,821E-04	1,687E-06	-1383,247	0

Frame	Station	OutputCase	CaseType	StepType	StepNum	U1	U2	U3	U4	U5	U6
Frame	Station	OutputCase	CaseType	StepType	StepNum	U1	U2	U3	U4	U5	U6
6	0.1685	MODAL	LinModal	Mode	7	2.51E-04	1.597E-05	-1383.247			
6	1.37498	MODAL	LinModal	Mode	7	2.51E-04	1.597E-05	-1383.247			
6	1.8333	MODAL	LinModal	Mode	7	2.52E-04	1.597E-05	-1383.247			
6	0	MODAL	LinModal	Mode	8	-2.193E-04	2.882E-04	4544.77			
6	0.45833	MODAL	LinModal	Mode	8	-2.193E-04	2.882E-04	4544.77			
6	0.91665	MODAL	LinModal	Mode	8	-2.193E-04	2.882E-04	4544.77			
6	1.37498	MODAL	LinModal	Mode	8	-2.193E-04	2.882E-04	4544.77			
6	1.8333	MODAL	LinModal	Mode	8	-2.193E-04	2.882E-04	4544.77			
6	0	MODAL	LinModal	Mode	9	2.105E-03	2.102E-03	2419.827			
6	0.45833	MODAL	LinModal	Mode	9	2.105E-03	2.102E-03	2419.827			
6	0.91665	MODAL	LinModal	Mode	9	2.105E-03	2.102E-03	2419.827			
6	1.37498	MODAL	LinModal	Mode	9	2.105E-03	2.102E-03	2419.827			
6	1.8333	MODAL	LinModal	Mode	9	2.105E-03	2.102E-03	2419.827			
6	0	MODAL	LinModal	Mode	10	2.105E-03	2.102E-03	2419.827			
6	0.45833	MODAL	LinModal	Mode	10	2.105E-03	2.102E-03	2419.827			
6	0.91665	MODAL	LinModal	Mode	10	2.105E-03	2.102E-03	2419.827			
6	1.37498	MODAL	LinModal	Mode	10	2.105E-03	2.102E-03	2419.827			
6	1.8333	MODAL	LinModal	Mode	10	2.105E-03	2.102E-03	2419.827			
6	0	MODAL	LinModal	Mode	11	-3.085E-03	1.001E-03	1187.833			
6	0.45833	MODAL	LinModal	Mode	11	-3.085E-03	1.001E-03	1187.833			
6	0.91665	MODAL	LinModal	Mode	11	-3.085E-03	1.001E-03	1187.833			
6	1.37498	MODAL	LinModal	Mode	11	-3.085E-03	1.001E-03	1187.833			
6	1.8333	MODAL	LinModal	Mode	11	-3.085E-03	1.001E-03	1187.833			
6	0	MODAL	LinModal	Mode	12	20882.512	-35724.073	-3.538E-05			
6	0.45833	MODAL	LinModal	Mode	12	20882.512	-35724.073	-3.538E-05			
6	0.91665	MODAL	LinModal	Mode	12	20882.512	-35724.073	-3.538E-05			
6	1.37498	MODAL	LinModal	Mode	12	20882.512	-35724.073	-3.538E-05			
6	1.8333	MODAL	LinModal	Mode	12	20882.512	-35724.073	-3.538E-05			
6	0	LIVE	LinStatic	Mode	12	20882.512	-35724.073	-3.538E-05			
6	0.45833	LIVE	LinStatic	Mode	12	20882.512	-35724.073	-3.538E-05			
6	0.91665	LIVE	LinStatic	Mode	12	20882.512	-35724.073	-3.538E-05			
6	1.37498	LIVE	LinStatic	Mode	12	20882.512	-35724.073	-3.538E-05			
6	1.8333	LIVE	LinStatic	Mode	12	20882.512	-35724.073	-3.538E-05			
6	0	DCON1	Combination	Mode	12	20882.512	-35724.073	-3.538E-05			
6	0.45833	DCON1	Combination	Mode	12	20882.512	-35724.073	-3.538E-05			
6	0.91665	DCON1	Combination	Mode	12	20882.512	-35724.073	-3.538E-05			
6	1.37498	DCON1	Combination	Mode	12	20882.512	-35724.073	-3.538E-05			
6	1.8333	DCON1	Combination	Mode	12	20882.512	-35724.073	-3.538E-05			
6	0	DCON2	Combination	Mode	12	20882.512	-35724.073	-3.538E-05			
6	0.45833	DCON2	Combination	Mode	12	20882.512	-35724.073	-3.538E-05			
6	0.91665	DCON2	Combination	Mode	12	20882.512	-35724.073	-3.538E-05			
6	1.37498	DCON2	Combination	Mode	12	20882.512	-35724.073	-3.538E-05			
6	1.8333	DCON2	Combination	Mode	12	20882.512	-35724.073	-3.538E-05			
6	0	DEAD	LinStatic	Mode	12	20882.512	-35724.073	-3.538E-05			
6	0.45833	DEAD	LinStatic	Mode	12	20882.512	-35724.073	-3.538E-05			
6	0.91665	DEAD	LinStatic	Mode	12	20882.512	-35724.073	-3.538E-05			
6	1.37498	DEAD	LinStatic	Mode	12	20882.512	-35724.073	-3.538E-05			
6	1.8333	DEAD	LinStatic	Mode	12	20882.512	-35724.073	-3.538E-05			
6	0	MODAL	LinModal	Mode	1	5.851E-08	-3.855E-06	248.46			
6	0.45833	MODAL	LinModal	Mode	1	5.851E-08	-3.855E-06	248.46			
6	0.91665	MODAL	LinModal	Mode	1	5.851E-08	-3.855E-06	248.46			
6	1.37498	MODAL	LinModal	Mode	1	5.851E-08	-3.855E-06	248.46			
6	1.8333	MODAL	LinModal	Mode	1	5.851E-08	-3.855E-06	248.46			
6	0	MODAL	LinModal	Mode	2	8.801E-04	5.289E-04	527.708			

Frame	Station	OutputCase	CaseType	StepType	StepNum	U1	U2	U3	U4	U5	U6
Frame	Station	OutputCase	CaseType	StepType	StepNum	U1	U2	U3	U4	U5	U6
7	0.45833	MODAL	LinModal	Mode	2	8.016E-04	5.289E-04	527.708			
7	0.91665	MODAL	LinModal	Mode	2	8.016E-04	5.289E-04	527.708			
7	1.37498	MODAL	LinModal	Mode	2	8.016E-04	5.289E-04	527.708			
7	1.8333	MODAL	LinModal	Mode	2	8.016E-04	5.289E-04	527.708			
7	0	MODAL	LinModal	Mode	3	945.451	372.463	2.882E-04			
7	0.45833	MODAL	LinModal	Mode	3	945.451	372.463	2.882E-04			
7	0.91665	MODAL	LinModal	Mode	3	945.451	372.463	2.882E-04			
7	1.37498	MODAL	LinModal	Mode	3	945.451	372.463	2.882E-04			
7	1.8333	MODAL	LinModal	Mode	3	945.451	372.463	2.882E-04			
7	0	MODAL	LinModal	Mode	4	-1785.884	2004.836	5.873E-06			
7	0.45833	MODAL	LinModal	Mode	4	-1785.884	2004.836	5.873E-06			
7	0.91665	MODAL	LinModal	Mode	4	-1785.884	2004.836	5.873E-06			
7	1.37498	MODAL	LinModal	Mode	4	-1785.884	2004.836	5.873E-06			
7	1.8333	MODAL	LinModal	Mode	4	-1785.884	2004.836	5.873E-06			
7	0	MODAL	LinModal	Mode	5	2344.854	-2307.861	5.890E-06			
7	0.45833	MODAL	LinModal	Mode	5	2344.854	-2307.861	5.890E-06			
7	0.91665	MODAL	LinModal	Mode	5	2344.854	-2307.861	5.890E-06			
7	1.37498	MODAL	LinModal	Mode	5	2344.854	-2307.861	5.890E-06			
7	1.8333	MODAL	LinModal	Mode	5	2344.854	-2307.861	5.890E-06			
7	0	MODAL	LinModal	Mode	6	-10779.445	4599.508	9.730E-05			
7	0.45833	MODAL	LinModal	Mode	6	-10779.445	4599.508	9.730E-05			
7	0.91665	MODAL	LinModal	Mode	6	-10779.445	4599.508	9.730E-05			
7	1.37498	MODAL	LinModal	Mode	6	-10779.445	4599.508	9.730E-05			
7	1.8333	MODAL	LinModal	Mode	6	-10779.445	4599.508	9.730E-05			
7	0	MODAL	LinModal	Mode	7	3.882E-04	-9.160E-05	-837.330			
7	0.45833	MODAL	LinModal	Mode	7	3.882E-04	-9.160E-05	-837.330			
7	0.91665	MODAL	LinModal	Mode	7	3.882E-04	-9.160E-05	-837.330			
7	1.37498	MODAL	LinModal	Mode	7	3.882E-04	-9.160E-05	-837.330			
7	1.8333	MODAL	LinModal	Mode	7	3.882E-04	-9.160E-05	-837.330			
7	0	MODAL	LinModal	Mode	8	3.882E-04	-9.160E-05	-837.330			
7	0.45833	MODAL	LinModal	Mode	8	3.882E-04	-9.160E-05	-837.330			
7	0.91665	MODAL	LinModal	Mode	8	3.882E-04	-9.160E-05	-837.330			
7	1.37498	MODAL	LinModal	Mode	8	3.882E-04	-9.160E-05	-837.330			
7	1.8333	MODAL	LinModal	Mode	8	3.882E-04	-9.160E-05	-837.330			
7	0	MODAL	LinModal	Mode	9	4.922E-03	-3.742E-03	-168.882			
7	0.45833	MODAL	LinModal	Mode	9	4.922E-03	-3.742E-03	-168.882			
7	0.91665	MODAL	LinModal	Mode	9	4.922E-03	-3.742E-03	-168.882			
7	1.37498	MODAL	LinModal	Mode	9	4.922E-03	-3.742E-03	-168.882			
7	1.8333	MODAL	LinModal	Mode	9	4.922E-03	-3.742E-03	-168.882			
7	0	MODAL	LinModal	Mode	10	4.922E-03	-3.742E-03	-168.882			
7	0.45833	MODAL	LinModal	Mode	10	4.922E-03	-3.742E-03	-168.882			
7	0.91665	MODAL	LinModal	Mode	10	4.922E-03	-3.742E-03	-168.882			
7	1.37498	MODAL	LinModal	Mode	10	4.922E-03	-3.742E-03	-168.882			
7	1.8333	MODAL	LinModal	Mode	10	4.922E-03	-3.742E-03	-168.882			
7	0	MODAL	LinModal	Mode	11	-5.078E-03	-1.323E-03	21072.885			
7	0.45833	MODAL	LinModal	Mode	11	-5.078E-03	-1.323E-03	21072.885			
7	0.91665	MODAL	LinModal	Mode	11	-5.078E-03	-1.323E-03	21072.885			
7	1.37498	MODAL	LinModal	Mode	11	-5.078E-03	-1.323E-03	21072.885			
7	1.8333	MODAL	LinModal	Mode	11	-5.078E-03	-1.323E-03	21072.885			
7	0	MODAL	LinModal	Mode	12	18943.283	-31701.077	-1.324E-03			
7	0.45833	MODAL	LinModal	Mode	12	18943.283	-31701.077	-1.324E-03			
7	0.91665	MODAL	LinModal	Mode	12	18943.283	-31701.077	-1.324E-03			
7	1.37498	MODAL	LinModal	Mode	12	18943.283	-31701.077	-1.324E-03			
7	1.8333	MODAL	LinModal	Mode	12	18943.283	-31701.077	-1.324E-03			

Table: Element Forces - Frames, Part 1 of 3											
Frame	Station	OutputCase	CaseType	StepType	StepNum	U1	U2	U3	U4	U5	U6
	m					KN	KN	KN	KN	KN	KN
7	0	LIVE	LinStatic	Mode	96.631	96.631	0	0			
7	0.45833	LIVE	LinStatic	Mode	96.631	96.631	0	0			
7	0.91665	LIVE	LinStatic	Mode	96.631	96.631	0	0			
7	1.37498	LIVE	LinStatic	Mode	96.631	96.631	0	0			
7	1.8333	LIVE	LinStatic	Mode	96.631	96.631	0	0			
7	0	DCON1	Combination	Mode	-37.187	303.884	0	0			
7	0.45833	DCON1	Combination	Mode	-37.187	303.884	0	0			
7	0.91665	DCON1	Combination	Mode	-37.187	303.884	0	0			
7	1.37498	DCON1	Combination	Mode	-37.187	303.884	0	0			
7	1.8333	DCON1	Combination	Mode	-37.187	303.884	0	0			
7	0	DCON2	Combination	Mode	112.26	525.173	0	0			
7	0.45833	DCON2	Combination	Mode	112.26	525.173	0	0			
7	0.91665	DCON2	Combination	Mode	112.26	525.173	0	0			
7	1.37498	DCON2	Combination	Mode	112.26	525.173	0	0			
7	1.8333	DCON2	Combination	Mode	112.26	525.173	0	0			
7	0	DEAD	LinStatic	Mode	-27.378	147.147	0	0			
7	0.45833	DEAD	LinStatic	Mode	-27.378	147.147	0	0			
7	0.91665	DEAD	LinStatic	Mode	-27.378	147.147	0	0			
7	1.37498	DEAD	LinStatic	Mode	-27.378	147.147	0	0			
7	1.8333	DEAD	LinStatic	Mode	-27.378	147.147	0	0			
8	0	MODAL	LinModal	Mode	1	-0.338E-07	4.539E-07	41.817			
8	0.45833	MODAL	LinModal	Mode	1	-0.338E-07	4.539E-07	41.817			
8	0.91665	MODAL	LinModal	Mode	1	-0.338E-07	4.539E-07	41.817			
8	1.37498	MODAL	LinModal	Mode	1	-0.338E-07	4.539E-07	41.817			
8	1.8333	MODAL	LinModal	Mode	1	-0.338E-07	4.539E-07	41.817			
8	0	MODAL	LinModal	Mode	2	0.302E-04	-0.054E-04	-809.845			
8	0.45833	MODAL	LinModal	Mode	2	0.302E-04	-0.054E-04	-809.845			
8	0.91665	MODAL	LinModal	Mode	2	0.302E-04	-0.054E-04	-809.845			
8	1.37498	MODAL	LinModal	Mode	2	0.302E-04	-0.054E-04	-809.845			
8	1.8333	MODAL	LinModal	Mode	2	0.302E-04	-0.054E-04	-809.845			
8	0	MODAL	LinModal	Mode	3	-468.008	-707.898	0.035E-05			
8	0.45833	MODAL	LinModal	Mode	3	-468.008	-707.898	0.035E-05			
8	0.91665	MODAL	LinModal	Mode	3	-468.008	-707.898	0.035E-05			
8	1.37498	MODAL	LinModal	Mode	3	-468.008	-707.898	0.035E-05			
8	1.8333	MODAL	LinModal	Mode	3	-468.008	-707.898	0.035E-05			
8	0	MODAL	LinModal	Mode	4	-1773.42	507.884	2.588E-05			
8	0.45833	MODAL	LinModal	Mode	4	-1773.42	507.884	2.588E-05			
8	0.91665	MODAL	LinModal	Mode	4	-1773.42	507.884	2.588E-05			
8	1.37498	MODAL	LinModal	Mode	4	-1773.42	507.884	2.588E-05			
8	1.8333	MODAL	LinModal	Mode	4	-1773.42	507.884	2.588E-05			
8	0	MODAL	LinModal	Mode	5	1200.973	-1326.92	-0.857E-07			
8	0.45833	MODAL	LinModal	Mode	5	1200.973	-1326.92	-0.857E-07			
8	0.91665	MODAL	LinModal	Mode	5	1200.973	-1326.92	-0.857E-07			
8	1.37498	MODAL	LinModal	Mode	5	1200.973	-1326.92	-0.857E-07			
8	1.8333	MODAL	LinModal	Mode	5	1200.973	-1326.92	-0.857E-07			
8	0	MODAL	LinModal	Mode	6	-10782.92	4392.113	3.085E-04			
8	0.45833	MODAL	LinModal	Mode	6	-10782.92	4392.113	3.085E-04			
8	0.91665	MODAL	LinModal	Mode	6	-10782.92	4392.113	3.085E-04			
8	1.37498	MODAL	LinModal	Mode	6	-10782.92	4392.113	3.085E-04			
8	1.8333	MODAL	LinModal	Mode	6	-10782.92	4392.113	3.085E-04			
8	0	MODAL	LinModal	Mode	7	4.693E-05	1.410E-04	-525.493			
8	0.45833	MODAL	LinModal	Mode	7	4.693E-05	1.410E-04	-525.493			
8	0.91665	MODAL	LinModal	Mode	7	4.693E-05	1.410E-04	-525.493			
8	1.37498	MODAL	LinModal	Mode	7	4.693E-05	1.410E-04	-525.493			
8	1.8333	MODAL	LinModal	Mode	7	4.693E-05	1.410E-04	-525.493			

Table: Element Forces - Frames, Part 1 of 3												
Frame	Station	Output/Case	CaseType	ElementType	ShapeItem	P	V2	V3	V4	V5	V6	V7
9	1,37498	MODAL	LinModel	Mode	2	-8,018E-04	-2,235E-04	-1425,347				
9	1,8333	MODAL	LinModel	Mode	2	8,018E-04	-2,235E-04	-1425,347				
9	0	MODAL	LinModel	Mode	3	-1258,288	-1461,256	-4,134E-04				
9	0,45833	MODAL	LinModel	Mode	3	-1258,288	-1461,256	-4,134E-04				
9	0,81665	MODAL	LinModel	Mode	3	-1258,288	-1461,256	-4,134E-04				
9	1,37498	MODAL	LinModel	Mode	3	-1258,288	-1461,256	-4,134E-04				
9	1,8333	MODAL	LinModel	Mode	3	-1258,288	-1461,256	-4,134E-04				
9	0	MODAL	LinModel	Mode	4	-1774,618	-829,22	2,895E-06				
9	0,45833	MODAL	LinModel	Mode	4	-1774,618	-829,22	2,895E-06				
9	0,81665	MODAL	LinModel	Mode	4	-1774,618	-829,22	2,895E-06				
9	1,37498	MODAL	LinModel	Mode	4	-1774,618	-829,22	2,895E-06				
9	1,8333	MODAL	LinModel	Mode	4	-1774,618	-829,22	2,895E-06				
9	0	MODAL	LinModel	Mode	5	58,292	-670,84	-2,844E-06				
9	0,45833	MODAL	LinModel	Mode	5	58,292	-670,84	-2,844E-06				
9	0,81665	MODAL	LinModel	Mode	5	58,292	-670,84	-2,844E-06				
9	1,37498	MODAL	LinModel	Mode	5	58,292	-670,84	-2,844E-06				
9	1,8333	MODAL	LinModel	Mode	5	58,292	-670,84	-2,844E-06				
9	0	MODAL	LinModel	Mode	6	-10789,551	4486,981	3,884E-06				
9	0,45833	MODAL	LinModel	Mode	6	-10789,551	4486,981	3,884E-06				
9	0,81665	MODAL	LinModel	Mode	6	-10789,551	4486,981	3,884E-06				
9	1,37498	MODAL	LinModel	Mode	6	-10789,551	4486,981	3,884E-06				
9	1,8333	MODAL	LinModel	Mode	6	-10789,551	4486,981	3,884E-06				
9	0	MODAL	LinModel	Mode	7	-9,239E-05	-1,521E-05	-125,255				
9	0,45833	MODAL	LinModel	Mode	7	-9,239E-05	-1,521E-05	-125,255				
9	0,81665	MODAL	LinModel	Mode	7	-9,239E-05	-1,521E-05	-125,255				
9	1,37498	MODAL	LinModel	Mode	7	-9,239E-05	-1,521E-05	-125,255				
9	1,8333	MODAL	LinModel	Mode	7	-9,239E-05	-1,521E-05	-125,255				
9	0	MODAL	LinModel	Mode	8	-1,287E-04	1,715E-04	4547,877				
9	0,45833	MODAL	LinModel	Mode	8	-1,287E-04	1,715E-04	4547,877				
9	0,81665	MODAL	LinModel	Mode	8	-1,287E-04	1,715E-04	4547,877				
9	1,37498	MODAL	LinModel	Mode	8	-1,287E-04	1,715E-04	4547,877				
9	1,8333	MODAL	LinModel	Mode	8	-1,287E-04	1,715E-04	4547,877				
9	0	MODAL	LinModel	Mode	9	-1,258E-03	1,208E-03	-4008,463				
9	0,45833	MODAL	LinModel	Mode	9	-1,258E-03	1,208E-03	-4008,463				
9	0,81665	MODAL	LinModel	Mode	9	-1,258E-03	1,208E-03	-4008,463				
9	1,37498	MODAL	LinModel	Mode	9	-1,258E-03	1,208E-03	-4008,463				
9	1,8333	MODAL	LinModel	Mode	9	-1,258E-03	1,208E-03	-4008,463				
9	0	MODAL	LinModel	Mode	10	-4519,81	-8818,834	7,215E-03				
9	0,45833	MODAL	LinModel	Mode	10	-4519,81	-8818,834	7,215E-03				
9	0,81665	MODAL	LinModel	Mode	10	-4519,81	-8818,834	7,215E-03				
9	1,37498	MODAL	LinModel	Mode	10	-4519,81	-8818,834	7,215E-03				
9	1,8333	MODAL	LinModel	Mode	10	-4519,81	-8818,834	7,215E-03				
9	0	MODAL	LinModel	Mode	11	4,798E-04	2,257E-04	20359,873				
9	0,45833	MODAL	LinModel	Mode	11	4,798E-04	2,257E-04	20359,873				
9	0,81665	MODAL	LinModel	Mode	11	4,798E-04	2,257E-04	20359,873				
9	1,37498	MODAL	LinModel	Mode	11	4,798E-04	2,257E-04	20359,873				
9	1,8333	MODAL	LinModel	Mode	11	4,798E-04	2,257E-04	20359,873				
9	0	MODAL	LinModel	Mode	12	15414,81	4312,758	-3,071E-03				
9	0,45833	MODAL	LinModel	Mode	12	15414,81	4312,758	-3,071E-03				
9	0,81665	MODAL	LinModel	Mode	12	15414,81	4312,758	-3,071E-03				
9	1,37498	MODAL	LinModel	Mode	12	15414,81	4312,758	-3,071E-03				
9	1,8333	MODAL	LinModel	Mode	12	15414,81	4312,758	-3,071E-03				
9	0	LIVE	LinStatic			99,024	-70,415	0				
9	0,45833	LIVE	LinStatic			99,024	-70,415	0				

Table: Element Forces - Frames, Part 1 of 3												
Frame	Station	Output/Case	CaseType	ElementType	ShapeItem	P	V2	V3	V4	V5	V6	V7
9	0,81665	LIVE	LinStatic			99,024	-70,415	0				
9	1,37498	LIVE	LinStatic			99,024	-70,415	0				
9	1,8333	LIVE	LinStatic			99,024	-70,415	0				
9	0	DCON1	Combination			-38,782	-38,782	-38,782	-38,782	-38,782	-38,782	-38,782
9	0,45833	DCON1	Combination			-38,782	-38,782	-38,782	-38,782	-38,782	-38,782	-38,782
9	0,81665	DCON1	Combination			-38,782	-38,782	-38,782	-38,782	-38,782	-38,782	-38,782
9	1,37498	DCON1	Combination			-38,782	-38,782	-38,782	-38,782	-38,782	-38,782	-38,782
9	1,8333	DCON1	Combination			-38,782	-38,782	-38,782	-38,782	-38,782	-38,782	-38,782
9	0	DCON2	Combination			-111,745	-53,735	-53,735	-53,735	-53,735	-53,735	-53,735
9	0,45833	DCON2	Combination			-111,745	-53,735	-53,735	-53,735	-53,735	-53,735	-53,735
9	0,81665	DCON2	Combination			-111,745	-53,735	-53,735	-53,735	-53,735	-53,735	-53,735
9	1,37498	DCON2	Combination			-111,745	-53,735	-53,735	-53,735	-53,735	-53,735	-53,735
9	1,8333	DCON2	Combination			-111,745	-53,735	-53,735	-53,735	-53,735	-53,735	-53,735
9	0	DEAD	LinStatic			-27,17	-657,61	-657,61	-657,61	-657,61	-657,61	-657,61
9	0,45833	DEAD	LinStatic			-27,17	-657,61	-657,61	-657,61	-657,61	-657,61	-657,61
9	0,81665	DEAD	LinStatic			-27,17	-657,61	-657,61	-657,61	-657,61	-657,61	-657,61
9	1,37498	DEAD	LinStatic			-27,17	-657,61	-657,61	-657,61	-657,61	-657,61	-657,61
9	1,8333	DEAD	LinStatic			-27,17	-657,61	-657,61	-657,61	-657,61	-657,61	-657,61
9	0	MODAL	LinModel	Mode	1	-2,395E-08	-1,442E-05	-348,148				
9	0,45833	MODAL	LinModel	Mode	1	-2,395E-08	-1,442E-05	-348,148				
9	0,81665	MODAL	LinModel	Mode	1	-2,395E-08	-1,442E-05	-348,148				
9	1,37498	MODAL	LinModel	Mode	1	-2,395E-08	-1,442E-05	-348,148				
9	1,8333	MODAL	LinModel	Mode	1	-2,395E-08	-1,442E-05	-348,148				
9	0	MODAL	LinModel	Mode	2	6,233E-04	7,459E-04	-1654,075				
9	0,45833	MODAL	LinModel	Mode	2	6,233E-04	7,459E-04	-1654,075				
9	0,81665	MODAL	LinModel	Mode	2	6,233E-04	7,459E-04	-1654,075				
9	1,37498	MODAL	LinModel	Mode	2	6,233E-04	7,459E-04	-1654,075				
9	1,8333	MODAL	LinModel	Mode	2	6,233E-04	7,459E-04	-1654,075				
9	0	MODAL	LinModel	Mode	3	-3,089,286	-197,342	-3,089E-04				
9	0,45833	MODAL	LinModel	Mode	3	-3,089,286	-197,342	-3,089E-04				
9	0,81665	MODAL	LinModel	Mode	3	-3,089,286	-197,342	-3,089E-04				
9	1,37498	MODAL	LinModel	Mode	3	-3,089,286	-197,342	-3,089E-04				
9	1,8333	MODAL	LinModel	Mode	3	-3,089,286	-197,342	-3,089E-04				
9	0	MODAL	LinModel	Mode	4	-1771,44	-2491,221	-2,533E-05				
9	0,45833	MODAL	LinModel	Mode	4	-1771,44	-2491,221	-2,533E-05				
9	0,81665	MODAL	LinModel	Mode	4	-1771,44	-2491,221	-2,533E-05				
9	1,37498	MODAL	LinModel	Mode	4	-1771,44	-2491,221	-2,533E-05				
9	1,8333	MODAL	LinModel	Mode	4	-1771,44	-2491,221	-2,533E-05				
9	0	MODAL	LinModel	Mode	5	-1084,339	-297,092	1,335E-05				
9	0,45833	MODAL	LinModel	Mode	5	-1084,339	-297,092	1,335E-05				
9	0,81665	MODAL	LinModel	Mode	5	-1084,339	-297,092	1,335E-05				
9	1,37498	MODAL	LinModel	Mode	5	-1084,339	-297,092	1,335E-05				
9	1,8333	MODAL	LinModel	Mode	5	-1084,339	-297,092	1,335E-05				
9	0	MODAL	LinModel	Mode	6	-10742,255	4950,082	-2,745E-04				
9	0,45833	MODAL	LinModel	Mode	6	-10742,255	4950,082	-2,745E-04				
9	0,81665	MODAL	LinModel	Mode	6	-10742,255	4950,082	-2,745E-04				
9	1,37498	MODAL	LinModel	Mode	6	-10742,255	4950,082	-2,745E-04				
9	1,8333	MODAL	LinModel	Mode	6	-10742,255	4950,082	-2,745E-04				
9	0	MODAL	LinModel	Mode	7	-2,845E-04	-1,877E-04	287,282				
9	0,45833	MODAL	LinModel	Mode	7	-2,845E-04	-1,877E-04	287,282				
9	0,81665	MODAL	LinModel	Mode	7	-2,845E-04	-1,877E-04	287,282				
9	1,37498	MODAL	LinModel	Mode	7	-2,845E-04	-1,877E-04	287,282				
9	1,8333	MODAL	LinModel	Mode	7	-2,845E-04	-1,877E-04	287,282				
9	0	MODAL	LinModel	Mode	8	-4,958E-04	-1,586E-04	4671,233				

Table: Element Forces - Frames, Part 1 of 3												
Frame	Station	Output/Case	CaseType	ElementType	ShapeItem	P	V2	V3	V4	V5	V6	V7
						KN	KN	KN				
10	0,45833	MODAL	LinModel	Mode	8	-4,895E-04	-1,588E-04	4871,73				
10	0,91665	MODAL	LinModel	M dte	8	-4,895E-04	-1,588E-04	4671,233				
10	1,37498	MODAL	LinModel	Mode	8	-4,895E-04	-1,588E-04	4871,233				
10	1,8333	MODAL	LinModel	Mode	8	-4,895E-04	-1,588E-04	4671,233				
10	0	MODAL	LinModel	Mode	8	-5,983E-03	-3,008E-03	-5141,383				
10	0,45833	MODAL	LinModel	Mode	8	-5,983E-03	-3,008E-03	-5141,383				
10	0,91665	MODAL	LinModel	Mode	8	-5,983E-03	-3,008E-03	-5141,383				
10	1,37498	MODAL	LinModel	Mode	8	-5,983E-03	-3,008E-03	-5141,383				
10	1,8333	MODAL	LinModel	Mode	8	-5,983E-03	-3,008E-03	-5141,383				
10	0	MODAL	LinModel	Mode	10	-10,344E-03	-19787,549	-1,314E-03				
10	0,45833	MODAL	LinModel	Mode	10	-10,344E-03	-19787,549	-1,314E-03				
10	0,91665	MODAL	LinModel	Mode	10	-10,344E-03	-19787,549	-1,314E-03				
10	1,37498	MODAL	LinModel	Mode	10	-10,344E-03	-19787,549	-1,314E-03				
10	1,8333	MODAL	LinModel	Mode	10	-10,344E-03	-19787,549	-1,314E-03				
10	0	MODAL	LinModel	Mode	11	2,251E-03	-1,089E-03	11888,138				
10	0,45833	MODAL	LinModel	Mode	11	2,251E-03	-1,089E-03	11888,138				
10	0,91665	MODAL	LinModel	Mode	11	2,251E-03	-1,089E-03	11888,138				
10	1,37498	MODAL	LinModel	Mode	11	2,251E-03	-1,089E-03	11888,138				
10	1,8333	MODAL	LinModel	Mode	11	2,251E-03	-1,089E-03	11888,138				
10	0	MODAL	LinModel	Mode	12	13,524,327	23865,808	-4,884E-04				
10	0,45833	MODAL	LinModel	Mode	12	13,524,327	23865,808	-4,884E-04				
10	0,91665	MODAL	LinModel	Mode	12	13,524,327	23865,808	-4,884E-04				
10	1,37498	MODAL	LinModel	Mode	12	13,524,327	23865,808	-4,884E-04				
10	1,8333	MODAL	LinModel	Mode	12	13,524,327	23865,808	-4,884E-04				
10	0	LIVE	LinStatic			98,949	-150,882	0				
10	0,45833	LIVE	LinStatic			98,949	-150,882	0				
10	0,91665	LIVE	LinStatic			98,949	-150,882	0				
10	1,37498	LIVE	LinStatic			98,949	-150,882	0				
10	1,8333	LIVE	LinStatic			98,949	-150,882	0				
10	0	DCON1	Combination			-38,679	-625,402	0				
10	0,45833	DCON1	Combination			-38,679	-753,287	0				
10	0,91665	DCON1	Combination			-38,679	-881,172	0				
10	1,37498	DCON1	Combination			-38,679	-909,057	0				
10	1,8333	DCON1	Combination			-38,679	-936,942	0				
10	0	DCON2	Combination			111,745	-1051,74	0				
10	0,45833	DCON2	Combination			111,745	-979,826	0				
10	0,91665	DCON2	Combination			111,745	-907,911	0				
10	1,37498	DCON2	Combination			111,745	-836,396	0				
10	1,8333	DCON2	Combination			111,745	-763,28	0				
10	0	DE/D	LinStatic			-27,128	-641,931	0				
10	0,45833	DEAD	LinStatic			-27,128	-685,506	0				
10	0,91665	DEAD	LinStatic			-27,128	-731,558	0				
10	1,37498	DEAD	LinStatic			-27,128	-778,008	0				
10	1,8333	DEAD	LinStatic			-27,128	-824,560	0				
10	0	MODAL	LinModel	Mode	1	-1,828E-06	-6,915E-07	-578,589				
10	0,45833	MODAL	LinModel	Mode	1	-1,828E-06	-6,915E-07	-539,529				
10	0,91665	MODAL	LinModel	Mode	1	-1,828E-06	-6,915E-07	-499,589				
10	1,37498	MODAL	LinModel	Mode	1	-1,828E-06	-6,915E-07	-459,589				
10	1,8333	MODAL	LinModel	Mode	1	-1,828E-06	-6,915E-07	-419,589				
10	0	MODAL	LinModel	Mode	2	2,198E-04	-4,828E-04	-3216,866				
10	0,45833	MODAL	LinModel	Mode	2	2,198E-04	-4,828E-04	-3216,867				
10	0,91665	MODAL	LinModel	Mode	2	2,198E-04	-4,828E-04	-3216,868				
10	1,37498	MODAL	LinModel	Mode	2	2,198E-04	-4,828E-04	-3216,868				
10	1,8333	MODAL	LinModel	Mode	2	2,198E-04	-4,828E-04	-3216,869				

Table: Element Forces - Frames, Part 1 of 3												
Frame	Station	OutputCase	CaseType	ElementType	Supports	P	V1	V2	V3	V4	V5	V6
11	1.8335	LINE	LinStatic			89.626	-237.915	0				
11	0	DCON1	Combination			-38.123	-171.836	0				
11	0.4557	DCON1	Combination			-31.823	-119.483	0				
11	0.81875	DCON1	Combination			-36.823	-1127.381	0				
11	1.37512	DCON1	Combination			-38.823	-1065.258	0				
11	1.8335	DCON1	Combination			-38.123	-983.115	0				
11	0	DCON2	Combination			111.878	-1628.479	0				
11	0.4557	DCON2	Combination			111.878	-1956.389	0				
11	0.81875	DCON2	Combination			111.878	-1484.233	0				
11	1.37512	DCON2	Combination			111.878	-1412.11	0				
11	1.8335	DCON2	Combination			111.878	-1339.885	0				
12	0	DEAD	LinStatic			-27.138	728.289	0				
12	0.4557	DEAD	LinStatic			-27.138	751.717	0				
12	0.81875	DEAD	LinStatic			-27.138	835.125	0				
12	1.37488	DEAD	LinStatic			-27.138	886.254	0				
12	1.8333	DEAD	LinStatic			-27.138	941.872	0				
12	0	MOD1L	LinModal	Mode	1	3.347E-06	-2.159E-06	539.619				
12	0.45833	MODAL	LinModal	Mode	1	3.347E-06	-2.159E-06	539.619				
12	0.91665	MODAL	LinModal	Mode	1	3.347E-06	-2.159E-06	539.619				
12	1.37488	MODAL	LinModal	Mode	1	3.347E-06	-2.159E-06	539.619				
12	1.8333	MODAL	LinModal	Mode	1	3.347E-06	-2.159E-06	539.619				
12	0	MODAL	LinModal	Mode	2	-3.439E-04	2.463E-04	-2216.888				
12	0.45833	MODAL	LinModal	Mode	2	-3.439E-04	2.463E-04	-2216.888				
12	0.91665	MODAL	LinModal	Mode	2	-3.439E-04	2.463E-04	-2216.888				
12	1.37488	MODAL	LinModal	Mode	2	-3.439E-04	2.463E-04	-2216.888				
12	1.8333	MODAL	LinModal	Mode	2	-3.439E-04	2.463E-04	-2216.888				
12	0	MODAL	LinModal	Mode	3	2882.985	-2272.907	3.589E-04				
12	0.45833	MODAL	LinModal	Mode	3	2882.985	-2272.907	3.589E-04				
12	0.91665	MODAL	LinModal	Mode	3	2882.985	-2272.907	3.589E-04				
12	1.37488	MODAL	LinModal	Mode	3	2882.985	-2272.907	3.589E-04				
12	1.8333	MODAL	LinModal	Mode	3	2882.985	-2272.907	3.589E-04				
12	0	MODAL	LinModal	Mode	4	-1769.831	3968.771	-1.201E-06				
12	0.45833	MODAL	LinModal	Mode	4	-1769.831	3968.771	-1.201E-06				
12	0.91665	MODAL	LinModal	Mode	4	-1769.831	3968.771	-1.201E-06				
12	1.37488	MODAL	LinModal	Mode	4	-1769.831	3968.771	-1.201E-06				
12	1.8333	MODAL	LinModal	Mode	4	-1769.831	3968.771	-1.201E-06				
12	0	MOD1L	LinModal	Mode	5	2227.755	-144.87	-2.811E-06				
12	0.45833	MODAL	LinModal	Mode	5	2227.755	-144.87	-2.811E-06				
12	0.91665	MODAL	LinModal	Mode	5	2227.755	-144.87	-2.811E-06				
12	1.37488	MODAL	LinModal	Mode	5	2227.755	-144.87	-2.811E-06				
12	1.8333	MODAL	LinModal	Mode	5	2227.755	-144.87	-2.811E-06				
12	0	MODAL	LinModal	Mode	6	-10738.153	-6893.463	-1.737E-05				
12	0.45833	MODAL	LinModal	Mode	6	-10738.153	-6893.463	-1.737E-05				
12	0.91665	MODAL	LinModal	Mode	6	-10738.153	-6893.463	-1.737E-05				
12	1.37488	MODAL	LinModal	Mode	6	-10738.153	-6893.463	-1.737E-05				
12	1.8333	MODAL	LinModal	Mode	6	-10738.153	-6893.463	-1.737E-05				
12	0	MODAL	LinModal	Mode	7	-2.782E-06	-2.421E-04	-655.448				
12	0.45833	MODAL	LinModal	Mode	7	-2.782E-06	-2.421E-04	-655.448				
12	0.91665	MODAL	LinModal	Mode	7	-2.782E-06	-2.421E-04	-655.448				
12	1.37488	MODAL	LinModal	Mode	7	-2.782E-06	-2.421E-04	-655.448				
12	1.8333	MODAL	LinModal	Mode	7	-2.782E-06	-2.421E-04	-655.448				
12	0	MODAL	LinModal	Mode	8	2.378E-04	4.846E-06	-4700.959				
12	0.45833	MODAL	LinModal	Mode	8	2.378E-04	4.846E-06	-4700.959				
12	0.91665	MODAL	LinModal	Mode	8	2.378E-04	4.846E-06	-4700.959				

Table: Element Forces - Frames, Part 1 of 3												
Frame	Station	OutputCase	CaseType	ElementType	Supports	P	V1	V2	V3	V4	V5	V6
12	1.37488	MODAL	LinModal	Mode	8	2.378E-04	4.846E-06	-4700.959				
12	1.8333	MODAL	LinModal	Mode	8	2.378E-04	4.846E-06	-4700.959				
12	0	MODAL	LinModal	Mode	9	1.497E-03	-2.003E-03	-5708.5				
12	0.45833	MODAL	LinModal	Mode	9	1.497E-03	-2.003E-03	-5708.5				
12	0.91665	MODAL	LinModal	Mode	9	1.497E-03	-2.003E-03	-5708.5				
12	1.37488	MODAL	LinModal	Mode	9	1.497E-03	-2.003E-03	-5708.5				
12	1.8333	MODAL	LinModal	Mode	9	1.497E-03	-2.003E-03	-5708.5				
12	0	MODAL	LinModal	Mode	10	14131.688	-10571.684	-5.387E-03				
12	0.45833	MODAL	LinModal	Mode	10	14131.688	-10571.684	-5.387E-03				
12	0.91665	MODAL	LinModal	Mode	10	14131.688	-10571.684	-5.387E-03				
12	1.37488	MODAL	LinModal	Mode	10	14131.688	-10571.684	-5.387E-03				
12	1.8333	MODAL	LinModal	Mode	10	14131.688	-10571.684	-5.387E-03				
12	0	MODAL	LinModal	Mode	11	3.321E-03	9.342E-05	-171.434				
12	0.45833	MODAL	LinModal	Mode	11	3.321E-03	9.342E-05	-171.434				
12	0.91665	MODAL	LinModal	Mode	11	3.321E-03	9.342E-05	-171.434				
12	1.37488	MODAL	LinModal	Mode	11	3.321E-03	9.342E-05	-171.434				
12	1.8333	MODAL	LinModal	Mode	11	3.321E-03	9.342E-05	-171.434				
12	0	MODAL	LinModal	Mode	12	-11582.448	34787.849	7.814E-04				
12	0.45833	MODAL	LinModal	Mode	12	-11582.448	34787.849	7.814E-04				
12	0.91665	MODAL	LinModal	Mode	12	-11582.448	34787.849	7.814E-04				
12	1.37488	MODAL	LinModal	Mode	12	-11582.448	34787.849	7.814E-04				
12	1.8333	MODAL	LinModal	Mode	12	-11582.448	34787.849	7.814E-04				
12	0	MODAL	LinModal	Mode	13	0.45833	0	0				
12	0.45833	MODAL	LinModal	Mode	13	0.45833	0	0				
12	0.91665	MODAL	LinModal	Mode	13	0.45833	0	0				
12	1.37488	MODAL	LinModal	Mode	13	0.45833	0	0				
12	1.8333	MODAL	LinModal	Mode	13	0.45833	0	0				
12	0	MODAL	LinModal	Mode	14	0.45833	0	0				
12	0.45833	MODAL	LinModal	Mode	14	0.45833	0	0				
12	0.91665	MODAL	LinModal	Mode	14	0.45833	0	0				
12	1.37488	MODAL	LinModal	Mode	14	0.45833	0	0				
12	1.8333	MODAL	LinModal	Mode	14	0.45833	0	0				
12	0	MODAL	LinModal	Mode	15	0.45833	0	0				
12	0.45833	MODAL	LinModal	Mode	15	0.45833	0	0				
12	0.91665	MODAL	LinModal	Mode	15	0.45833	0	0				
12	1.37488	MODAL	LinModal	Mode	15	0.45833	0	0				
12	1.8333	MODAL	LinModal	Mode	15	0.45833	0	0				
12	0	MODAL	LinModal	Mode	16	0.45833	0	0				
12	0.45833	MODAL	LinModal	Mode	16	0.45833	0	0				
12	0.91665	MODAL	LinModal	Mode	16	0.45833	0	0				
12	1.37488	MODAL	LinModal	Mode	16	0.45833	0	0				
12	1.8333	MODAL	LinModal	Mode	16	0.45833	0	0				
12	0	MODAL	LinModal	Mode	17	0.45833	0	0				
12	0.45833	MODAL	LinModal	Mode	17	0.45833	0	0				
12	0.91665	MODAL	LinModal	Mode	17	0.45833	0	0				
12	1.37488	MODAL	LinModal	Mode	17	0.45833	0	0				
12	1.8333	MODAL	LinModal	Mode	17	0.45833	0	0				
12	0	MODAL	LinModal	Mode	18	0.45833	0	0				
12	0.45833	MODAL	LinModal	Mode	18	0.45833	0	0				
12	0.91665	MODAL	LinModal	Mode	18	0.45833	0	0				
12	1.37488	MODAL	LinModal	Mode	18	0.45833	0	0				
12	1.8333	MODAL	LinModal	Mode	18	0.45833	0	0				
12	0	MODAL	LinModal	Mode	19	0.45833	0	0				
12	0.45833	MODAL	LinModal	Mode	19	0.45833	0	0				
12	0.91665	MODAL	LinModal	Mode	19	0.45833	0	0				
12	1.37488	MODAL	LinModal	Mode	19	0.45833	0	0				
12	1.8333	MODAL	LinModal	Mode	19	0.45833	0	0				
12	0	MODAL	LinModal	Mode	20	0.45833	0	0				
12	0.45833	MODAL	LinModal	Mode	20	0.45833	0	0				
12	0.91665	MODAL	LinModal	Mode	20	0.45833	0	0				
12	1.37488	MODAL	LinModal	Mode	20	0.45833	0	0				
12	1.8333	MODAL	LinModal	Mode	20	0.45833	0	0				
12	0	MODAL	LinModal	Mode	21	0.45833	0	0				
12	0.45833	MODAL	LinModal	Mode	21	0.45833	0	0				
12	0.91665	MODAL	LinModal	Mode	21	0.45833	0	0				
12	1.37488	MODAL	LinModal	Mode	21	0.45833	0	0				
12	1.8333	MODAL	LinModal	Mode	21	0.45833	0	0				
12	0	MODAL	LinModal	Mode	22	0.45833	0	0				
12	0.45833	MODAL	LinModal	Mode	22	0.45833	0	0				
12	0.91665	MODAL	LinModal	Mode	22	0.45833	0	0				
12	1.37488	MODAL	LinModal	Mode	22	0.45833	0	0				
12	1.8333	MODAL	LinModal	Mode	22	0.45833	0	0				
12	0	MODAL	LinModal	Mode	23	0.45833	0	0				
12	0.45833	MODAL	LinModal	Mode	23	0.45833	0	0				
12	0.91665	MODAL	LinModal	Mode	23	0.45833	0	0				
12	1.37488	MODAL	LinModal	Mode	23	0.45833	0	0				
12	1.8333	MODAL	LinModal	Mode	23	0.45833	0	0				
12	0	MODAL	LinModal	Mode	24	0.45833	0	0				
12	0.45833	MODAL	LinModal	Mode	24	0.45833	0	0				
12	0.91665	MODAL	LinModal	Mode	24	0.45833	0	0				
12	1.37488	MODAL	LinModal	Mode	24	0.45833	0	0				
12	1.8333	MODAL	LinModal	Mode	24	0.45833	0	0				
12	0	MODAL	LinModal	Mode	25	0.45833	0	0				
12	0.45833	MODAL	LinModal	Mode	25	0.45833	0	0				
12	0.91665	MODAL	LinModal	Mode	25	0.45833	0	0				
12	1.37488	MODAL	LinModal	Mode	25	0.45833	0	0				
12	1.8333	MODAL	LinModal	Mode	25	0.45833	0	0				
12	0	MODAL	LinModal	Mode	26	0.45833	0	0				
12	0.45833	MODAL	LinModal	Mode	26	0.45833	0	0				
12	0.91665	MODAL	LinModal	Mode	26	0.45833	0	0				
12	1.37488	MODAL	LinModal	Mode	26	0.45833	0	0				
12	1.8333	MODAL	LinModal	Mode	26	0.45833	0	0				
12	0	MODAL	LinModal	Mode	27	0.45833	0	0				
12	0.45833	MODAL	LinModal	Mode	27	0.45833	0	0				
12	0.91665	MODAL	LinModal	Mode	27	0.45833	0	0				
12	1.37488	MODAL	LinModal	Mode	27	0.45833	0	0				
12	1.8333	MODAL	LinModal	Mode	27	0.45833	0	0				
12	0	MODAL	LinModal	Mode	28	0.45833	0	0				
12	0.45833	MODAL	LinModal	Mode	28	0.45833	0	0				
12	0.91665	MODAL	LinModal	Mode	28	0.45833	0	0				
12	1.37488	MODAL	LinModal	Mode	28	0.45833	0	0				
12	1.8333	MODAL	LinModal	Mode	28	0.45833	0	0				
12	0	MODAL	LinModal	Mode	29	0.45833	0	0				
12	0.45833	MODAL	LinModal	Mode	29	0.45833	0	0				
12	0.91665	MODAL	LinModal	Mode	29	0.45833	0	0				
12	1.37488	MODAL	LinModal	Mode	29	0.45833	0	0				
12	1.8333	MODAL	LinModal	Mode	29	0.45833	0	0				
12	0	MODAL	LinModal	Mode	30	0.45833	0	0				
12	0.45833	MODAL	LinModal	Mode	30	0.45833	0	0				
12	0.91665	MODAL	LinModal	Mode	30	0.45833	0	0				
12	1.37488	MODAL	LinModal	Mode	30	0.45833	0	0				
12	1.8333	MODAL	LinModal	Mode	30	0.45833	0	0				
12	0	MODAL	LinModal	Mode	31	0.45833	0	0				
12	0.45833	MODAL	LinModal	Mode	31	0.45833	0	0				
12	0.91665	MODAL	LinModal	Mode	31	0.45833	0	0				
12	1.37488	MODAL	LinModal	Mode	31	0.45833	0	0				
12	1.8333	MODAL	LinModal	Mode	31	0.45833	0	0				
12	0	MODAL	LinModal	Mode	32	0.45833	0	0				
12	0.45833	MODAL	LinModal	Mode	32	0.45833	0	0				
12	0.91665	MODAL	LinModal	Mode	32	0.45833	0	0				
12	1.37488	MODAL	LinModal	Mode	32	0.45833	0	0				
12	1.8333	MODAL	LinModal	Mode	32	0.45833	0	0				
12	0	MODAL	LinModal	Mode	33	0.45833	0	0				
12	0.45833	MODAL	LinModal	Mode	33	0.45833	0	0				
12	0.91665	MODAL	LinModal	Mode	33	0.45833	0	0				
12	1.37488	MODAL	LinModal	Mode	33	0.45833	0	0				
12	1.8333	MODAL	LinModal	Mode	33	0.45833	0	0				
12	0	MODAL	LinModal	Mode	34	0.45833	0	0				
12	0.45833	MODAL	LinModal	Mode	34	0.45833	0	0				
12	0.91665	MODAL	LinModal	Mode	34	0.45833	0	0				
12	1.37488	MODAL	LinModal	Mode	34	0.45833	0	0				
12	1.8333	MODAL	LinModal	Mode	34	0.45833	0	0				
12	0	MODAL	LinModal	Mode	35	0.45833	0	0				
12	0.45833	MODAL	LinModal	Mode	35	0.45833	0	0				
12	0.91665	MODAL	LinModal	Mode</								

Frame	Station	OutputCase	CaseType	StepType	StepNum	P	VZ	VX	VY
14	0	MODAL	LinModal	Mode	9	6.372E-03	1.829E-03	-4.00E-03	0
14	0.45833	MODAL	LinModal	Mode	9	6.372E-03	1.829E-03	-4.00E-03	0
14	0.81166	MODAL	LinModal	Mode	9	6.372E-03	1.829E-03	-4.00E-03	0
14	1.37498	MODAL	LinModal	Mode	9	6.372E-03	1.829E-03	-4.00E-03	0
14	1.8333	MODAL	LinModal	Mode	9	6.372E-03	1.829E-03	-4.00E-03	0
14	0	MODAL	LinModal	Mode	10	4620.731	-9819.179	9.844E-03	0
14	0.45833	MODAL	LinModal	Mode	10	4620.731	-9819.179	9.844E-03	0
14	0.81166	MODAL	LinModal	Mode	10	4620.731	-9819.179	9.844E-03	0
14	1.37498	MODAL	LinModal	Mode	10	4620.731	-9819.179	9.844E-03	0
14	1.8333	MODAL	LinModal	Mode	10	4620.731	-9819.179	9.844E-03	0
14	0	MODAL	LinModal	Mode	11	-4.102E-04	4.890E-04	-2.039E-03	0
14	0.45833	MODAL	LinModal	Mode	11	-4.102E-04	4.890E-04	-2.039E-03	0
14	0.81166	MODAL	LinModal	Mode	11	-4.102E-04	4.890E-04	-2.039E-03	0
14	1.37498	MODAL	LinModal	Mode	11	-4.102E-04	4.890E-04	-2.039E-03	0
14	1.8333	MODAL	LinModal	Mode	11	-4.102E-04	4.890E-04	-2.039E-03	0
14	0	MODAL	LinModal	Mode	12	-1.6114.796	4315.332	1.151E-03	0
14	0.45833	MODAL	LinModal	Mode	12	-1.6114.796	4315.332	1.151E-03	0
14	0.81166	MODAL	LinModal	Mode	12	-1.6114.796	4315.332	1.151E-03	0
14	1.37498	MODAL	LinModal	Mode	12	-1.6114.796	4315.332	1.151E-03	0
14	1.8333	MODAL	LinModal	Mode	12	-1.6114.796	4315.332	1.151E-03	0
14	0	LIVE	LinStatic	Mode	0	6.829	48.568	0	0
14	0.45833	LIVE	LinStatic	Mode	0	6.829	48.568	0	0
14	0.81166	LIVE	LinStatic	Mode	0	6.829	48.568	0	0
14	1.37498	LIVE	LinStatic	Mode	0	6.829	48.568	0	0
14	1.8333	LIVE	LinStatic	Mode	0	6.829	48.568	0	0
14	0	DCON1	Combination	Mode	1	-36.803	144.401	0	0
14	0.45833	DCON1	Combination	Mode	1	-36.803	144.401	0	0
14	0.81166	DCON1	Combination	Mode	1	-36.803	144.401	0	0
14	1.37498	DCON1	Combination	Mode	1	-36.803	144.401	0	0
14	1.8333	DCON1	Combination	Mode	1	-36.803	144.401	0	0
14	0	DCON2	Combination	Mode	1	-26.41	217.262	0	0
14	0.45833	DCON2	Combination	Mode	1	-26.41	217.262	0	0
14	0.81166	DCON2	Combination	Mode	1	-26.41	217.262	0	0
14	1.37498	DCON2	Combination	Mode	1	-26.41	217.262	0	0
14	1.8333	DCON2	Combination	Mode	1	-26.41	217.262	0	0
15	0	DEAD	LinStatic	Mode	1	-27.387	-161.799	0	0
15	0.45833	DEAD	LinStatic	Mode	1	-27.387	-161.799	0	0
15	0.81166	DEAD	LinStatic	Mode	1	-27.387	-161.799	0	0
15	1.37498	DEAD	LinStatic	Mode	1	-27.387	-161.799	0	0
15	1.8333	DEAD	LinStatic	Mode	1	-27.387	-161.799	0	0
15	0	MODAL	LinModal	Mode	1	9.490E-07	-4.038E-06	-4.159E	0
15	0.45833	MODAL	LinModal	Mode	1	9.490E-07	-4.038E-06	-4.159E	0
15	0.81166	MODAL	LinModal	Mode	1	9.490E-07	-4.038E-06	-4.159E	0
15	1.37498	MODAL	LinModal	Mode	1	9.490E-07	-4.038E-06	-4.159E	0
15	1.8333	MODAL	LinModal	Mode	1	9.490E-07	-4.038E-06	-4.159E	0
15	0	MODAL	LinModal	Mode	2	-5.094E-04	2.571E-04	-609.874	0
15	0.45833	MODAL	LinModal	Mode	2	-5.094E-04	2.571E-04	-609.874	0
15	0.81166	MODAL	LinModal	Mode	2	-5.094E-04	2.571E-04	-609.874	0
15	1.37498	MODAL	LinModal	Mode	2	-5.094E-04	2.571E-04	-609.874	0
15	1.8333	MODAL	LinModal	Mode	2	-5.094E-04	2.571E-04	-609.874	0
15	0	MODAL	LinModal	Mode	3	458.759	-707.919	1.028E-03	0
15	0.45833	MODAL	LinModal	Mode	3	458.759	-707.919	1.028E-03	0
15	0.81166	MODAL	LinModal	Mode	3	458.759	-707.919	1.028E-03	0
15	1.37498	MODAL	LinModal	Mode	3	458.759	-707.919	1.028E-03	0
15	1.8333	MODAL	LinModal	Mode	3	458.759	-707.919	1.028E-03	0

Frame	Station	OutputCase	CaseType	StepType	StepNum	P	VZ	VX	VY
15	0	MODAL	LinModal	Mode	3	458.759	-707.919	1.028E-03	0
15	0.45833	MODAL	LinModal	Mode	3	458.759	-707.919	1.028E-03	0
15	0.81166	MODAL	LinModal	Mode	3	458.759	-707.919	1.028E-03	0
15	1.37498	MODAL	LinModal	Mode	3	458.759	-707.919	1.028E-03	0
15	1.8333	MODAL	LinModal	Mode	3	458.759	-707.919	1.028E-03	0
15	0	MODAL	LinModal	Mode	4	-1201.083	-1326.81	-3.457E-05	0
15	0.45833	MODAL	LinModal	Mode	4	-1201.083	-1326.81	-3.457E-05	0
15	0.81166	MODAL	LinModal	Mode	4	-1201.083	-1326.81	-3.457E-05	0
15	1.37498	MODAL	LinModal	Mode	4	-1201.083	-1326.81	-3.457E-05	0
15	1.8333	MODAL	LinModal	Mode	4	-1201.083	-1326.81	-3.457E-05	0
15	0	MODAL	LinModal	Mode	5	-1201.083	-1326.81	-3.457E-05	0
15	0.45833	MODAL	LinModal	Mode	5	-1201.083	-1326.81	-3.457E-05	0
15	0.81166	MODAL	LinModal	Mode	5	-1201.083	-1326.81	-3.457E-05	0
15	1.37498	MODAL	LinModal	Mode	5	-1201.083	-1326.81	-3.457E-05	0
15	1.8333	MODAL	LinModal	Mode	5	-1201.083	-1326.81	-3.457E-05	0
15	0	MODAL	LinModal	Mode	6	-10782.884	-4352.085	2.889E-04	0
15	0.45833	MODAL	LinModal	Mode	6	-10782.884	-4352.085	2.889E-04	0
15	0.81166	MODAL	LinModal	Mode	6	-10782.884	-4352.085	2.889E-04	0
15	1.37498	MODAL	LinModal	Mode	6	-10782.884	-4352.085	2.889E-04	0
15	1.8333	MODAL	LinModal	Mode	6	-10782.884	-4352.085	2.889E-04	0
15	0	MODAL	LinModal	Mode	7	3.697E-06	-2.419E-04	525.75	0
15	0.45833	MODAL	LinModal	Mode	7	3.697E-06	-2.419E-04	525.75	0
15	0.81166	MODAL	LinModal	Mode	7	3.697E-06	-2.419E-04	525.75	0
15	1.37498	MODAL	LinModal	Mode	7	3.697E-06	-2.419E-04	525.75	0
15	1.8333	MODAL	LinModal	Mode	7	3.697E-06	-2.419E-04	525.75	0
15	0	MODAL	LinModal	Mode	8	-1.842E-04	-6.428E-05	-4034.105	0
15	0.45833	MODAL	LinModal	Mode	8	-1.842E-04	-6.428E-05	-4034.105	0
15	0.81166	MODAL	LinModal	Mode	8	-1.842E-04	-6.428E-05	-4034.105	0
15	1.37498	MODAL	LinModal	Mode	8	-1.842E-04	-6.428E-05	-4034.105	0
15	1.8333	MODAL	LinModal	Mode	8	-1.842E-04	-6.428E-05	-4034.105	0
15	0	MODAL	LinModal	Mode	9	-9.823E-04	-3.898E-03	-2332.336	0
15	0.45833	MODAL	LinModal	Mode	9	-9.823E-04	-3.898E-03	-2332.336	0
15	0.81166	MODAL	LinModal	Mode	9	-9.823E-04	-3.898E-03	-2332.336	0
15	1.37498	MODAL	LinModal	Mode	9	-9.823E-04	-3.898E-03	-2332.336	0
15	1.8333	MODAL	LinModal	Mode	9	-9.823E-04	-3.898E-03	-2332.336	0
15	0	MODAL	LinModal	Mode	10	-158.001	-7380.825	-9.102E-03	0
15	0.45833	MODAL	LinModal	Mode	10	-158.001	-7380.825	-9.102E-03	0
15	0.81166	MODAL	LinModal	Mode	10	-158.001	-7380.825	-9.102E-03	0
15	1.37498	MODAL	LinModal	Mode	10	-158.001	-7380.825	-9.102E-03	0
15	1.8333	MODAL	LinModal	Mode	10	-158.001	-7380.825	-9.102E-03	0
15	0	MODAL	LinModal	Mode	11	-3.775E-03	-7.841E-04	-23793.828	0
15	0.45833	MODAL	LinModal	Mode	11	-3.775E-03	-7.841E-04	-23793.828	0
15	0.81166	MODAL	LinModal	Mode	11	-3.775E-03	-7.841E-04	-23793.828	0
15	1.37498	MODAL	LinModal	Mode	11	-3.775E-03	-7.841E-04	-23793.828	0
15	1.8333	MODAL	LinModal	Mode	11	-3.775E-03	-7.841E-04	-23793.828	0
15	0	MODAL	LinModal	Mode	12	-17224.295	-18336.819	-1.587E-03	0
15	0.45833	MODAL	LinModal	Mode	12	-17224.295	-18336.819	-1.587E-03	0
15	0.81166	MODAL	LinModal	Mode	12	-17224.295	-18336.819	-1.587E-03	0
15	1.37498	MODAL	LinModal	Mode	12	-17224.295	-18336.819	-1.587E-03	0
15	1.8333	MODAL	LinModal	Mode	12	-17224.295	-18336.819	-1.587E-03	0
15	0	LIVE	LinStatic	Mode	0	7.188	0.828	0	0
15	0.45833	LIVE	LinStatic	Mode	0	7.188	0.828	0	0
15	0.81166	LIVE	LinStatic	Mode	0	7.188	0.828	0	0
15	1.37498	LIVE	LinStatic	Mode	0	7.188	0.828	0	0
15	1.8333	LIVE	LinStatic	Mode	0	7.188	0.828	0	0
15	0	DCON1	Combination	Mode	1	-35.972	-217.307	0	0
15	0.45833	DCON1	Combination	Mode	1	-35.972	-217.307	0	0
15	0.81166	DCON1	Combination	Mode	1	-35.972	-217.307	0	0
15	1.37498	DCON1	Combination	Mode	1	-35.972	-217.307	0	0
15	1.8333	DCON1	Combination	Mode	1	-35.972	-217.307	0	0

Table: Element Forces - Frames, Part 1 of 3									
Frame	Station	OutputCase	CaseType	StepType	StepNum	P	VZ	VX	VY
	m					kN	kN	kN	kN
16	1.7498	DCON1	Combination			-36.872	-1.962	0	0
16	1.8333	DCON1	Combination			-36.872	70.169	0	0
16	0	DCON2	Combination			-25.18	-217.514	0	0
16	0.45833	DCON2	Combination			-25.18	-145.599	0	0
16	0.81166	DCON2	Combination			-25.18	-73.285	0	0
16	1.37498	DCON2	Combination			-25.18	-1.17	0	0
16	1.8333	DCON2	Combination			-25.18	70.845	0	0
16	0	DEAD	LinStatic			-27.854	-438.843	0	0
16	0.45833	DEAD	LinStatic			-27.854	-27.482	0	0
16	0.81166	DEAD	LinStatic			-27.854	-332.008	0	0
16	1.37498	DEAD	LinStatic			-27.854	-279.388	0	0
16	1.8333	DEAD	LinStatic			-27.854	-225.189	0	0
16	0	MODAL	LinModal	Mode	1	-1.231E-05	1.171E-05	-248.443	0
16	0.45833	MODAL	LinModal	Mode	1	-1.231E-05	1.171E-05	-248.443	0
16	0.81166	MODAL	LinModal	Mode	1	-1.231E-05	1.171E-05	-248.443	0
16	1.37498	MODAL	LinModal	Mode	1	-1.231E-05	1.171E-05	-248.443	0
16	1.8333	MODAL	LinModal	Mode	1	-1.231E-05	1.171E-05	-248.443	0
16	0	MODAL	LinModal	Mode	2	-4.044E-04	0.057E-06	527.875	0
16	0.45833	MODAL	LinModal	Mode	2	-4.044E-04	0.057E-06	527.875	0
16	0.81166	MODAL	LinModal	Mode	2	-4.044E-04	0.057E-06	527.875	0
16	1.37498	MODAL	LinModal	Mode	2	-4.044E-04	0.057E-06	527.875	0
16	1.8333	MODAL	LinModal	Mode	2	-4.044E-04	0.057E-06	527.875	0
16	0	MODAL	LinModal	Mode	3	-3.5403	372.471	5.614E-04	0
16	0.45833	MODAL	LinModal	Mode	3	-3.5403	372.471	5.614E-04	0
16	0.81166	MODAL	LinModal	Mode	3	-3.5403	372.471	5.614E-04	0
16	1.37498	MODAL	LinModal	Mode	3	-3.5403	372.471	5.614E-04	0
16	1.8333	MODAL	LinModal	Mode	3	-3.5403	372.471	5.614E-04	0
16	0	MODAL	LinModal	Mode	4	-1786.195	-2005.085	-2.830E-03	0
16	0.45833	MODAL	LinModal	Mode	4	-1786.195	-2005.085	-2.830E-03	0
16	0.81166	MODAL	LinModal	Mode	4	-1786.195	-2005.085	-2.830E-03	0
16	1.37498	MODAL	LinModal	Mode	4	-1786.195	-2005.085	-2.830E-03	0
16	1.8333	MODAL	LinModal	Mode	4	-1786.195	-2005.085	-2.830E-03	0
16	0	MODAL	LinModal	Mode	5	-2344.773	-2307.734	1.903E-06	0
16	0.45833	MODAL	LinModal	Mode	5	-2344.773	-2307.734	1.903E-06	0
16	0.81166	MODAL	LinModal	Mode	5	-2344.773	-2307.734	1.903E-06	0
16	1.37498	MODAL	LinModal	Mode	5	-2344.773	-2307.734	1.903E-06	0
16	1.8333	MODAL	LinModal	Mode	5	-2344.773	-2307.734	1.903E-06	0
16	0	MODAL	LinModal	Mode	6	-10779.386	-4589.43	-2.470E-04	0
16	0.45833	MODAL	LinModal	Mode	6	-10779.386	-4589.43	-2.470E-04	0
16	0.81166	MODAL	LinModal	Mode	6	-10779.386	-4589.43	-2.470E-04	0
16	1.37498	MODAL	LinModal	Mode	6	-10779.386	-4589.43	-2.470E-04	0
16	1.8333	MODAL	LinModal	Mode	6	-10779.386	-4589.43	-2.470E-04	0
16	0	MODAL	LinModal	Mode	7	1.113E-06	1.079E-04	837.468	0
16	0.45833	MODAL	LinModal	Mode	7	1.113E-06	1.079E-04	837.468	0
16	0.81166	MODAL	LinModal	Mode	7	1.113E-06	1.079E-04	837.468	0
16	1.37498	MODAL	LinModal	Mode	7	1.113E-06	1.079E-04	837.468	0
16	1.8333	MODAL	LinModal	Mode	7	1.113E-06	1.079E-04	837.468	0
16	0	MODAL	LinModal	Mode	8	1.899E-04	3.828E-04	-4532.431	0
16	0.45833	MODAL	LinModal	Mode	8	1.899E-04	3.828E-04	-4532.431	0
16	0.81166	MODAL	LinModal	Mode	8	1.899E-04	3.828E-04	-4532.431	0
16	1.37498	MODAL	LinModal	Mode	8	1.899E-04	3.828E-04	-4532.431	0
16	1.8333	MODAL	LinModal	Mode	8	1.899E-04	3.828E-04	-4532.431	0
16	0	MODAL	LinModal	Mode	9	-8.49E-04	3.180E-03	-169.127	0
16	0.45833	MODAL	LinModal	Mode	9	-8.49E-04	3.180E-03	-169.127	0

Table: Element Forces - Frames, Part 1 of 3													
Frame	Station	OutputCase	CaseType	StepType	StepNum	T	MZ	FX	FY	FZ	MX	MY	MZ
17	0.45837	MODAL	LinModal	Mode	4	-1794.482	-3640.288	6.271E-07					
17	0.91675	MODAL	LinModal	Mode	4	-1794.482	-3640.288	6.271E-07					
17	1.37512	MODAL	LinModal	Mode	4	-1794.482	-3640.288	6.271E-07					
17	1.8335	MODAL	LinModal	Mode	4	-1794.482	-3640.288	6.271E-07					
17	0	MODAL	LinModal	Mode	5	-3490.38	-3816.741	1.679E-05					
17	0.45837	MODAL	LinModal	Mode	5	-3490.38	-3816.741	1.679E-05					
17	0.91675	MODAL	LinModal	Mode	5	-3490.38	-3816.741	1.679E-05					
17	1.37512	MODAL	LinModal	Mode	5	-3490.38	-3816.741	1.679E-05					
17	1.8335	MODAL	LinModal	Mode	5	-3490.38	-3816.741	1.679E-05					
17	0	MODAL	LinModal	Mode	6	-10800.024	-6091.414	4.082E-05					
17	0.45837	MODAL	LinModal	Mode	6	-10800.024	-6091.414	4.082E-05					
17	0.91675	MODAL	LinModal	Mode	6	-10800.024	-6091.414	4.082E-05					
17	1.37512	MODAL	LinModal	Mode	6	-10800.024	-6091.414	4.082E-05					
17	1.8335	MODAL	LinModal	Mode	6	-10800.024	-6091.414	4.082E-05					
17	0	MODAL	LinModal	Mode	7	-7.243E-05	8.511E-06	1383.178					
17	0.45837	MODAL	LinModal	Mode	7	-7.243E-05	8.511E-06	1383.178					
17	0.91675	MODAL	LinModal	Mode	7	-7.243E-05	8.511E-06	1383.178					
17	1.37512	MODAL	LinModal	Mode	7	-7.243E-05	8.511E-06	1383.178					
17	1.8335	MODAL	LinModal	Mode	7	-7.243E-05	8.511E-06	1383.178					
17	0	MODAL	LinModal	Mode	8	8.883E-05	-2.533E-04	-464.745					
17	0.45837	MODAL	LinModal	Mode	8	8.883E-05	-2.533E-04	-464.745					
17	0.91675	MODAL	LinModal	Mode	8	8.883E-05	-2.533E-04	-464.745					
17	1.37512	MODAL	LinModal	Mode	8	8.883E-05	-2.533E-04	-464.745					
17	1.8335	MODAL	LinModal	Mode	8	8.883E-05	-2.533E-04	-464.745					
17	0	MODAL	LinModal	Mode	9	3.154E-04	-1.185E-03	2419.776					
17	0.45837	MODAL	LinModal	Mode	9	3.154E-04	-1.185E-03	2419.776					
17	0.91675	MODAL	LinModal	Mode	9	3.154E-04	-1.185E-03	2419.776					
17	1.37512	MODAL	LinModal	Mode	9	3.154E-04	-1.185E-03	2419.776					
17	1.8335	MODAL	LinModal	Mode	9	3.154E-04	-1.185E-03	2419.776					
17	0	MODAL	LinModal	Mode	10	-8700.083	-1058.312	0.017					
17	0.45837	MODAL	LinModal	Mode	10	-8700.083	-1058.312	0.017					
17	0.91675	MODAL	LinModal	Mode	10	-8700.083	-1058.312	0.017					
17	1.37512	MODAL	LinModal	Mode	10	-8700.083	-1058.312	0.017					
17	1.8335	MODAL	LinModal	Mode	10	-8700.083	-1058.312	0.017					
17	0	MODAL	LinModal	Mode	11	1.551E-03	-4.589E-04	-11872.802					
17	0.45837	MODAL	LinModal	Mode	11	1.551E-03	-4.589E-04	-11872.802					
17	0.91675	MODAL	LinModal	Mode	11	1.551E-03	-4.589E-04	-11872.802					
17	1.37512	MODAL	LinModal	Mode	11	1.551E-03	-4.589E-04	-11872.802					
17	1.8335	MODAL	LinModal	Mode	11	1.551E-03	-4.589E-04	-11872.802					
17	0	MODAL	LinModal	Mode	12	-20582.828	-35724.464	-3.546E-03					
17	0.45837	MODAL	LinModal	Mode	12	-20582.828	-35724.464	-3.546E-03					
17	0.91675	MODAL	LinModal	Mode	12	-20582.828	-35724.464	-3.546E-03					
17	1.37512	MODAL	LinModal	Mode	12	-20582.828	-35724.464	-3.546E-03					
17	1.8335	MODAL	LinModal	Mode	12	-20582.828	-35724.464	-3.546E-03					
17	0	MODAL	LinModal	Mode	13	7.742	-88.819	0					
17	0.45837	LIVE	LinStatic	Mode	13	7.742	-88.819	0					
17	0.91675	LIVE	LinStatic	Mode	13	7.742	-88.819	0					
17	1.37512	LIVE	LinStatic	Mode	13	7.742	-88.819	0					
17	1.8335	LIVE	LinStatic	Mode	13	7.742	-88.819	0					
17	0	MODAL	LinModal	Mode	14	-37.482	-1014.837	0					
17	0.45837	MODAL	LinModal	Mode	14	-37.482	-1014.837	0					
17	0.91675	MODAL	LinModal	Mode	14	-37.482	-1014.837	0					
17	1.37512	MODAL	LinModal	Mode	14	-37.482	-1014.837	0					
17	1.8335	MODAL	LinModal	Mode	14	-37.482	-1014.837	0					

Table: Element Forces - Frames, Part 1 of 3													
Frame	Station	OutputCase	CaseType	StepType	StepNum	T	MZ	FX	FY	FZ	MX	MY	MZ
17	0	DCON2	Combination			-25.889	-1114.366	0					
17	0.45837	DCON2	Combination			-25.889	-1114.366	0					
17	0.91675	DCON2	Combination			-25.889	-1114.366	0					
17	1.37512	DCON2	Combination			-25.889	-1114.366	0					
17	1.8335	DCON2	Combination			-25.889	-1114.366	0					

Table: Element Forces - Frames, Part 2 of 3													
Frame	Station	OutputCase	CaseType	StepType	StepNum	T	MZ	FX	FY	FZ	MX	MY	MZ
1	0	DEAD	Mode			0	0	0	0	0	741.2284	1	1
1	2.05497	DEAD	Mode			0	0	0	0	0	739.7854	1	1
1	4.10994	DEAD	Mode			0	0	0	0	0	826.3413	1	1
1	0	MODAL	Mode			1	194.2812	-75.6917	-1300.5691	6.3305	-0.7	1	1
1	2.05497	MODAL	Mode			1	194.2512	-2994.1344	1.7547	-0	-1	1	1
1	4.10994	MODAL	Mode			2	-4452.0232	5712.5703	-8	1306.06	-1	1	1
1	2.05497	MODAL	Mode			2	-4452.0232	-705.5524	0.7746	-0	-1	1	1
1	0	MODAL	Mode			3	-4462.0828	-8129.6782	2.5395	-0	-1	1	1
1	4.10994	MODAL	Mode			3	8.4272-05	-5.7636-05	9491.5996	1	1	1	1
1	2.05497	MODAL	Mode			2	8.4272-05	-7.4547-07	1771.5287	1	1	1	1
1	4.10994	MODAL	Mode			7	8.4272-05	5.5802-06	-1804.5415	1	1	1	1
1	0	MODAL	Mode			4	-2.849E-06	2.707E-07	-1599.7159	1	1	1	1
1	2.05497	MODAL	Mode			4	-2.849E-06	-2.722E-06	2266.5779	1	1	1	1
1	4.10994	MODAL	Mode			4	-2.849E-06	-3.252E-07	6599.8875	1	1	1	1
1	0	MODAL	Mode			5	-4.890E-07	1.656E-07	6725.9859	1	1	1	1
1	2.05497	MODAL	Mode			5	-4.890E-07	1.195E-08	-1674.0016	1	1	1	1
1	4.10994	MODAL	Mode			5	-4.890E-07	-1.821E-07	-6867.1269	1	1	1	1
1	0	MODAL	Mode			6	-5.524E-05	3.584E-06	-22142.821	1	1	1	1
1	2.05497	MODAL	Mode			6	-5.524E-05	-3.110E-07	7.0017	1	1	1	1
1	4.10994	MODAL	Mode			6	-5.524E-05	-2.288E-06	22166.6529	1	1	1	1
1	0	MODAL	Mode			7	491.3215	-654.0002	-2.8505E-05	1	1	1	1
1	2.05497	MODAL	Mode			7	491.3215	-172.7192	-3.054E-06	1	1	1	1
1	4.10994	MODAL	Mode			7	491.3216	-2.000494	-3.185E-06	1	1	1	1
1	0	MODAL	Mode			8	-3263.3249	6567.3125	-2.418E-05	1	1	1	1
1	2.05497	MODAL	Mode			8	-3263.3245	-187.0507	1.571E-05	1	1	1	1
1	4.10994	MODAL	Mode			8	-3263.3249	-7263.2191	1.249E-04	1	1	1	1
1	0	MODAL	Mode			9	-15875.1328	19681.8018	-1.897E-04	1	1	1	1
1	2.05497	MODAL	Mode			9	-15875.1328	-2075.4427	2.253E-04	1	1	1	1
1	4.10994	MODAL	Mode			9	-15875.1328	-23817.7407	7.782E-04	1	1	1	1
1	0	MODAL	Mode			10	-1.000713	2.029E-04	43084.5778	1	1	1	1
1	2.05497	MODAL	Mode			10	-0.0013	-8.290E-06	4351.1612	1	1	1	1
1	4.10994	MODAL	Mode			10	0.0013	-2.211E-04	-35262.2585	1	1	1	1
1	0	MODAL	Mode			11	37854.4953	-91911.8018	-4.233E-05	1	1	1	1
1	2.05497	MODAL	Mode			11	37854.4953	1209.2478	1.937E-04	1	1	1	1
1	4.10994	MODAL	Mode			11	37854.4953	34529.7971	4.289E-04	1	1	1	1
1	0	MODAL	Mode			12	-3.310E-06	-6.047E-05	17284.2033	1	1	1	1
1	2.05497	MODAL	Mode			12	-3.310E-06	-6.490E-07	-30627.4624	1	1	1	1
1	4.10994	MODAL	Mode			12	-3.310E-06	-4.769E-06	533.5782	1	1	1	1
1	0	LIVE	Mode			0	0	0	0	0	421.6231	1	1
1	2.05497	LIVE	Mode			0	0	0	0	0	224.3961	1	1
1	4.10994	LIVE	Mode			0	0	0	0	0	224.3961	1	1

Frame	Station	OutputCase	StepType	StepNum	T	R1	R2	R3	R4	R5	FrameElem
4	3	DEAD	Mode	0	0	0	570.3311	4	-1		
4	3.5	DEAD	Mode	0	0	0	677.3407	4	-1		
4	4	DEAD	Mode	0	0	0	752.5143	4	-1		
4	4.5	DEAD	Mode	0	0	0	785.7078	4	-1		
4	5	DEAD	Mode	0	0	0	807.1973	4	-1		
4	5.5	DEAD	Mode	0	0	0	783.2254	4	-1		
4	6	DEAD	Mode	0	0	0	754.3761	4	-1		
4	6.5	DEAD	Mode	0	0	0	550.1555	4	-1		
4	7	DEAD	Mode	0	0	0	574.0373	4	-1		
4	7.5	DEAD	Mode	0	0	0	385.0041	4	-1		
4	8	DEAD	Mode	0	0	0	205.2354	4	-1		
4	8.5	DEAD	Mode	0	0	0	2.4883	4	-1		
4	9	DEAD	Mode	0	0	0	-249.0883	4	-1		
4	9.5	DEAD	Mode	0	0	0	-524.5831	4	-1		
4	10	DEAD	Mode	0	0	0	-831.9134	4	-1		
4	10.5	DEAD	Mode	0	0	0	-1171.159	4	-1		
4	11	DEAD	Mode	0	0	0	-1542.24	4	-1		
4	0	MODAL	Mode	1	-68.5917	-194.2012	3.014E-07	4	-1		
4	0.5	MODAL	Mode	1	-68.5917	-200.2222	2.836E-07	4	-1		
4	1	MODAL	Mode	1	-68.5917	-205.1931	2.689E-07	4	-1		
4	1.5	MODAL	Mode	1	-63.5917	-212.1441	2.381E-07	4	-1		
4	2	MODAL	Mode	1	-61.5917	-218.105	2.153E-07	4	-1		
4	2.5	MODAL	Mode	1	-66.5917	-224.088	1.901E-07	4	-1		
4	3	MODAL	Mode	1	-63.5917	-230.0288	1.697E-07	4	-1		
4	3.5	MODAL	Mode	1	-63.5917	-236.0879	1.472E-07	4	-1		
4	4	MODAL	Mode	1	-63.5917	-241.9488	1.241E-07	4	-1		
4	4.5	MODAL	Mode	1	-66.5917	-247.9098	1.014E-07	4	-1		
4	5	MODAL	Mode	1	-66.5917	-253.8707	7.838E-08	4	-1		
4	5.5	MODAL	Mode	1	-66.5917	-259.8317	5.579E-08	4	-1		
4	6	MODAL	Mode	1	-66.5917	-265.7928	3.301E-08	4	-1		
4	6.5	MODAL	Mode	1	-63.5917	-271.7538	1.023E-08	4	-1		
4	7	MODAL	Mode	1	-66.5917	-277.7145	-1.255E-08	4	-1		
4	7.5	MODAL	Mode	1	-66.5917	-283.6755	-3.534E-08	4	-1		
4	8	MODAL	Mode	1	-66.5917	-289.6364	-5.812E-08	4	-1		
4	8.5	MODAL	Mode	1	-66.5917	-295.5974	-8.090E-08	4	-1		
4	9	MODAL	Mode	1	-66.5917	-301.5583	-1.037E-07	4	-1		
4	9.5	MODAL	Mode	1	-66.5917	-307.5193	-1.265E-07	4	-1		
4	10	MODAL	Mode	1	-66.5917	-313.4802	-1.493E-07	4	-1		
4	10.5	MODAL	Mode	1	-66.5917	-319.4412	-1.720E-07	4	-1		
4	11	MODAL	Mode	1	-66.5917	-325.4021	-1.948E-07	4	-1		
4	0	MODAL	Mode	2	6712.7703	447.0232	8.838E-08	4	-1		
4	0.5	MODAL	Mode	2	6712.5781	4591.0211	8.458E-08	4	-1		
4	1	MODAL	Mode	2	6712.5703	5720.0189	1.007E-08	4	-1		
4	1.5	MODAL	Mode	2	6712.5703	5349.0157	1.089E-08	4	-1		
4	2	MODAL	Mode	2	6712.5703	2978.0145	1.131E-08	4	-1		
4	2.5	MODAL	Mode	2	6712.5703	2607.0123	1.192E-08	4	-1		
4	3	MODAL	Mode	2	6712.5703	2236.0101	1.244E-08	4	-1		
4	3.5	MODAL	Mode	2	6712.5703	18.30078	1.316E-08	4	-1		
4	4	MODAL	Mode	2	6712.5703	1494.0057	1.375E-08	4	-1		
4	4.5	MODAL	Mode	2	6712.5703	1123.0035	1.439E-08	4	-1		
4	5	MODAL	Mode	2	6712.5703	752.0013	1.501E-08	4	-1		
4	5.5	MODAL	Mode	2	6712.5703	380.9992	1.563E-08	4	-1		
4	6	MODAL	Mode	2	6712.5703	9.997	1.625E-08	4	-1		
4	6.5	MODAL	Mode	2	6712.5703	-381.0052	1.686E-08	4	-1		

Frame	Station	OutputCase	StepType	StepNum	T	R1	R2	R3	R4	R5	FrameElem
4	7	MODAL	Mode	2	6712.5703	-32.0074	1.748E-08	4	-1		
4	7.5	MODAL	Mode	2	6712.5703	-1109.0096	1.810E-08	4	-1		
4	8	MODAL	Mode	2	6712.5703	-1474.0118	1.872E-08	4	-1		
4	8.5	MODAL	Mode	2	6712.5703	-1845.014	1.933E-08	4	-1		
4	9	MODAL	Mode	2	6712.5703	-2216.0162	1.993E-08	4	-1		
4	9.5	MODAL	Mode	2	6712.5703	-2587.0184	2.051E-08	4	-1		
4	10	MODAL	Mode	2	6712.5703	-2958.0206	2.109E-08	4	-1		
4	10.5	MODAL	Mode	2	6712.5703	-3329.0228	2.168E-08	4	-1		
4	11	MODAL	Mode	2	6712.5703	-3700.025	2.224E-08	4	-1		
4	0	MODAL	Mode	3	-5.883E-08	-6.427E-08	-5451.5955	4	-1		
4	0.5	MODAL	Mode	3	-5.883E-08	-4.270E-08	-4958.3496	4	-1		
4	1	MODAL	Mode	3	-5.883E-08	-2.113E-08	-4481.1337	4	-1		
4	1.5	MODAL	Mode	3	-5.883E-08	4.414E-08	-3985.8572	4	-1		
4	2	MODAL	Mode	3	-5.883E-08	2.201E-08	-3470.612	4	-1		
4	2.5	MODAL	Mode	3	-5.883E-08	4.559E-08	-2975.3681	4	-1		
4	3	MODAL	Mode	3	-5.883E-08	6.518E-08	-2480.1202	4	-1		
4	3.5	MODAL	Mode	3	-5.883E-08	8.373E-08	-1994.8743	4	-1		
4	4	MODAL	Mode	3	-5.883E-08	1.038E-08	-1489.6294	4	-1		
4	4.5	MODAL	Mode	3	-5.883E-08	1.239E-08	-994.3825	4	-1		
4	5	MODAL	Mode	3	-5.883E-08	1.514E-08	-495.1396	4	-1		
4	5.5	MODAL	Mode	3	-5.883E-08	1.730E-08	-3.6507	4	-1		
4	6	MODAL	Mode	3	-5.883E-08	1.946E-08	481.3552	4	-1		
4	6.5	MODAL	Mode	3	-5.883E-08	2.162E-08	989.691	4	-1		
4	7	MODAL	Mode	3	-5.883E-08	2.377E-08	1481.5489	4	-1		
4	7.5	MODAL	Mode	3	-5.883E-08	2.593E-08	1977.0728	4	-1		
4	8	MODAL	Mode	3	-5.883E-08	2.809E-08	2472.3387	4	-1		
4	8.5	MODAL	Mode	3	-5.883E-08	3.024E-08	2967.5846	4	-1		
4	9	MODAL	Mode	3	-5.883E-08	3.240E-08	3462.8305	4	-1		
4	9.5	MODAL	Mode	3	-5.883E-08	3.456E-08	3958.0794	4	-1		
4	10	MODAL	Mode	3	-5.883E-08	3.672E-08	4453.3222	4	-1		
4	10.5	MODAL	Mode	3	-5.883E-08	3.887E-08	4948.5682	4	-1		
4	11	MODAL	Mode	3	-5.883E-08	4.103E-08	5443.8141	4	-1		
4	0	MODAL	Mode	4	2.707E-07	2.549E-08	1399.7156	4	-1		
4	0.5	MODAL	Mode	4	2.707E-07	2.692E-08	1280.3448	4	-1		
4	1	MODAL	Mode	4	2.707E-07	2.834E-08	1166.0734	4	-1		
4	1.5	MODAL	Mode	4	2.707E-07	2.977E-08	1041.802	4	-1		
4	2	MODAL	Mode	4	2.707E-07	3.119E-08	922.2312	4	-1		
4	2.5	MODAL	Mode	4	2.707E-07	3.262E-08	802.6601	4	-1		
4	3	MODAL	Mode	4	2.707E-07	3.404E-08	683.489	4	-1		
4	3.5	MODAL	Mode	4	2.707E-07	3.547E-08	564.1179	4	-1		
4	4	MODAL	Mode	4	2.707E-07	3.689E-08	444.7468	4	-1		
4	4.5	MODAL	Mode	4	2.707E-07	3.832E-08	325.3757	4	-1		
4	5	MODAL	Mode	4	2.707E-07	3.974E-08	206.004	4	-1		
4	5.5	MODAL	Mode	4	2.707E-07	4.117E-08	86.8336	4	-1		
4	6	MODAL	Mode	4	2.707E-07	4.260E-08	-32.7376	4	-1		
4	6.5	MODAL	Mode	4	2.707E-07	4.403E-08	-162.1087	4	-1		
4	7	MODAL	Mode	4	2.707E-07	4.545E-08	-271.4788	4	-1		
4	7.5	MODAL	Mode	4	2.707E-07	4.688E-08	-380.8509	4	-1		
4	8	MODAL	Mode	4	2.707E-07	4.830E-08	-490.222	4	-1		
4	8.5	MODAL	Mode	4	2.707E-07	4.973E-08	-600.5931	4	-1		
4	9	MODAL	Mode	4	2.707E-07	5.115E-08	-710.9642	4	-1		
4	9.5	MODAL	Mode	4	2.707E-07	5.258E-08	-821.3353	4	-1		
4	10	MODAL	Mode	4	2.707E-07	5.401E-08	-931.7064	4	-1		
4	10.5	MODAL	Mode	4	2.707E-07	5.544E-08	-1042.0775	4	-1		

Table: Element Forces - Frames, Part 2 of 3										
Frame	St. loc.	OutputCase	StepType	StepNum	T	R1	R2	R3	R4	FrameElem
	m				KN-m	KN-m	KN-m			
4	11.	MODAL	Mode	4	2.707E-07	-8.133E-07	-1226.4496			4-1
4	0.	MODAL	Mode	5	1.585E-07	4.890E-07	-7723.2636			4-1
4	0.5	MODAL	Mode	5	1.585E-07	4.080E-07	-6170.8284			4-1
4	1.	MODAL	Mode	5	1.585E-07	3.465E-07	-5617.6911			4-1
4	1.5	MODAL	Mode	5	1.585E-07	2.854E-07	-5094.553			4-1
4	2.	MODAL	Mode	5	1.585E-07	2.249E-07	-4551.4167			4-1
4	2.5	MODAL	Mode	5	1.585E-07	1.648E-07	-3993.2794			4-1
4	3.	MODAL	Mode	5	1.585E-07	1.048E-07	-3405.1422			4-1
4	3.5	MODAL	Mode	5	1.585E-07	4.880E-08	-2852.005			4-1
4	4.	MODAL	Mode	5	1.585E-07	-1.123E-08	-2296.8777			4-1
4	4.5	MODAL	Mode	5	1.585E-07	-7.125E-08	-1745.7305			4-1
4	5.	MODAL	Mode	5	1.585E-07	-3.133E-07	-1192.5933			4-1
4	5.5	MODAL	Mode	5	1.585E-07	-1.913E-07	-621.4561			4-1
4	6.	MODAL	Mode	5	1.585E-07	-2.513E-07	-85.3108			4-1
4	6.5	MODAL	Mode	5	1.585E-07	-3.114E-07	-463.9184			4-1
4	7.	MODAL	Mode	5	1.585E-07	-3.714E-07	-1019.075			4-1
4	7.5	MODAL	Mode	5	1.585E-07	-4.314E-07	-1573.0829			4-1
4	8.	MODAL	Mode	5	1.585E-07	-4.914E-07	-2125.2301			4-1
4	8.5	MODAL	Mode	5	1.585E-07	-5.513E-07	-2679.3673			4-1
4	9.	MODAL	Mode	5	1.585E-07	-6.113E-07	-3237.5048			4-1
4	9.5	MODAL	Mode	5	1.585E-07	-6.713E-07	-3785.6415			4-1
4	10.	MODAL	Mode	5	1.585E-07	-7.313E-07	-4339.7776			4-1
4	10.5	MODAL	Mode	5	1.585E-07	-7.913E-07	-4891.9103			4-1
4	11.	MODAL	Mode	5	1.585E-07	-8.513E-07	-5443.0536			4-1
4	0.	MODAL	Mode	6	3.584E-08	3.524E-06	2217.8228			4-1
4	0.5	MODAL	Mode	6	3.584E-08	3.322E-06	19942.8907			4-1
4	1.	MODAL	Mode	6	3.584E-08	3.125E-06	17742.9748			4-1
4	1.5	MODAL	Mode	6	3.584E-08	2.912E-06	15543.2069			4-1
4	2.	MODAL	Mode	6	3.584E-08	2.719E-06	13343.1232			4-1
4	2.5	MODAL	Mode	6	3.584E-08	2.512E-06	11142.2832			4-1
4	3.	MODAL	Mode	6	3.584E-08	2.311E-06	8943.2793			4-1
4	3.5	MODAL	Mode	6	3.584E-08	2.108E-06	6743.3954			4-1
4	4.	MODAL	Mode	6	3.584E-08	1.907E-06	4543.4015			4-1
4	4.5	MODAL	Mode	6	3.584E-08	1.705E-06	2343.9777			4-1
4	5.	MODAL	Mode	6	3.584E-08	1.503E-06	1431.5			4-1
4	5.5	MODAL	Mode	6	3.584E-08	1.300E-06	-2056.3421			4-1
4	6.	MODAL	Mode	6	3.584E-08	1.1E-06	-4255.294			4-1
4	6.5	MODAL	Mode	6	3.584E-08	9.881E-06	-6047.1179			4-1
4	7.	MODAL	Mode	6	3.584E-08	8.693E-06	-8255.1117			4-1
4	7.5	MODAL	Mode	6	3.584E-08	7.518E-06	-10585.032			4-1
4	8.	MODAL	Mode	6	3.584E-08	6.345E-06	-12955.9595			4-1
4	8.5	MODAL	Mode	6	3.584E-08	5.172E-07	-15325.8834			4-1
4	9.	MODAL	Mode	6	3.584E-08	-1.146E-06	-17455.8073			4-1
4	9.5	MODAL	Mode	6	3.584E-08	-3.160E-06	-19855.7311			4-1
4	10.	MODAL	Mode	6	3.584E-08	-5.189E-06	-21855.555			4-1
4	10.5	MODAL	Mode	6	3.584E-08	-7.218E-06	-23855.6789			4-1
4	11.	MODAL	Mode	6	3.584E-08	-9.232E-06	-25855.8028			4-1
4	0.	MODAL	Mode	7	-634.8652	-491.3216	2.983E-05			4-1
4	0.5	MODAL	Mode	7	-634.8652	20.4445	2.539E-05			4-1
4	1.	MODAL	Mode	7	-634.8673	532.2012	2.120E-07			4-1
4	1.5	MODAL	Mode	7	-634.2692	1043.9787	1.794E-06			4-1
4	2.	MODAL	Mode	7	-634.8692	1556.7451	1.277E-05			4-1
4	2.5	MODAL	Mode	7	-634.8692	2087.5058	8.711E-07			4-1
4	3.	MODAL	Mode	7	-634.8692	2579.2749	4.545E-07			4-1

Frame	Station	OutputCase	RespType	StepNum	T	U1	U2	U3	U4	U5	U6	U7	U8	U9	U10	U11	U12	U13	U14	U15	U16	U17	U18	U19	U20	U21	U22	U23	U24	U25	U26	U27	U28	U29	U30	U31	U32	U33	U34	U35	U36	U37	U38	U39	U40	U41	U42	U43	U44	U45	U46	U47	U48	U49	U50	U51	U52	U53	U54	U55	U56	U57	U58	U59	U60	U61	U62	U63	U64	U65	U66	U67	U68	U69	U70	U71	U72	U73	U74	U75	U76	U77	U78	U79	U80	U81	U82	U83	U84	U85	U86	U87	U88	U89	U90	U91	U92	U93	U94	U95	U96	U97	U98	U99	U100	U101	U102	U103	U104	U105	U106	U107	U108	U109	U110	U111	U112	U113	U114	U115	U116	U117	U118	U119	U120	U121	U122	U123	U124	U125	U126	U127	U128	U129	U130	U131	U132	U133	U134	U135	U136	U137	U138	U139	U140	U141	U142	U143	U144	U145	U146	U147	U148	U149	U150	U151	U152	U153	U154	U155	U156	U157	U158	U159	U160	U161	U162	U163	U164	U165	U166	U167	U168	U169	U170	U171	U172	U173	U174	U175	U176	U177	U178	U179	U180	U181	U182	U183	U184	U185	U186	U187	U188	U189	U190	U191	U192	U193	U194	U195	U196	U197	U198	U199	U200	U201	U202	U203	U204	U205	U206	U207	U208	U209	U210	U211	U212	U213	U214	U215	U216	U217	U218	U219	U220	U221	U222	U223	U224	U225	U226	U227	U228	U229	U230	U231	U232	U233	U234	U235	U236	U237	U238	U239	U240	U241	U242	U243	U244	U245	U246	U247	U248	U249	U250	U251	U252	U253	U254	U255	U256	U257	U258	U259	U260	U261	U262	U263	U264	U265	U266	U267	U268	U269	U270	U271	U272	U273	U274	U275	U276	U277	U278	U279	U280	U281	U282	U283	U284	U285	U286	U287	U288	U289	U290	U291	U292	U293	U294	U295	U296	U297	U298	U299	U300	U301	U302	U303	U304	U305	U306	U307	U308	U309	U310	U311	U312	U313	U314	U315	U316	U317	U318	U319	U320	U321	U322	U323	U324	U325	U326	U327	U328	U329	U330	U331	U332	U333	U334	U335	U336	U337	U338	U339	U340	U341	U342	U343	U344	U345	U346	U347	U348	U349	U350	U351	U352	U353	U354	U355	U356	U357	U358	U359	U360	U361	U362	U363	U364	U365	U366	U367	U368	U369	U370	U371	U372	U373	U374	U375	U376	U377	U378	U379	U380	U381	U382	U383	U384	U385	U386	U387	U388	U389	U390	U391	U392	U393	U394	U395	U396	U397	U398	U399	U400	U401	U402	U403	U404	U405	U406	U407	U408	U409	U410	U411	U412	U413	U414	U415	U416	U417	U418	U419	U420	U421	U422	U423	U424	U425	U426	U427	U428	U429	U430	U431	U432	U433	U434	U435	U436	U437	U438	U439	U440	U441	U442	U443	U444	U445	U446	U447	U448	U449	U450	U451	U452	U453	U454	U455	U456	U457	U458	U459	U460	U461	U462	U463	U464	U465	U466	U467	U468	U469	U470	U471	U472	U473	U474	U475	U476	U477	U478	U479	U480	U481	U482	U483	U484	U485	U486	U487	U488	U489	U490	U491	U492	U493	U494	U495	U496	U497	U498	U499	U500	U501	U502	U503	U504	U505	U506	U507	U508	U509	U510	U511	U512	U513	U514	U515	U516	U517	U518	U519	U520	U521	U522	U523	U524	U525	U526	U527	U528	U529	U530	U531	U532	U533	U534	U535	U536	U537	U538	U539	U540	U541	U542	U543	U544	U545	U546	U547	U548	U549	U550	U551	U552	U553	U554	U555	U556	U557	U558	U559	U560	U561	U562	U563	U564	U565	U566	U567	U568	U569	U570	U571	U572	U573	U574	U575	U576	U577	U578	U579	U580	U581	U582	U583	U584	U585	U586	U587	U588	U589	U590	U591	U592	U593	U594	U595	U596	U597	U598	U599	U600	U601	U602	U603	U604	U605	U606	U607	U608	U609	U610	U611	U612	U613	U614	U615	U616	U617	U618	U619	U620	U621	U622	U623	U624	U625	U626	U627	U628	U629	U630	U631	U632	U633	U634	U635	U636	U637	U638	U639	U640	U641	U642	U643	U644	U645	U646	U647	U648	U649	U650	U651	U652	U653	U654	U655	U656	U657	U658	U659	U660	U661	U662	U663	U664	U665	U666	U667	U668	U669	U670	U671	U672	U673	U674	U675	U676	U677	U678	U679	U680	U681	U682	U683	U684	U685	U686	U687	U688	U689	U690	U691	U692	U693	U694	U695	U696	U697	U698	U699	U700	U701	U702	U703	U704	U705	U706	U707	U708	U709	U710	U711	U712	U713	U714	U715	U716	U717	U718	U719	U720	U721	U722	U723	U724	U725	U726	U727	U728	U729	U730	U731	U732	U733	U734	U735	U736	U737	U738	U739	U740	U741	U742	U743	U744	U745	U746	U747	U748	U749	U750	U751	U752	U753	U754	U755	U756	U757	U758	U759	U760	U761	U762	U763	U764	U765	U766	U767	U768	U769	U770	U771	U772	U773	U774	U775	U776	U777	U778	U779	U780	U781	U782	U783	U784	U785	U786	U787	U788	U789	U790	U791	U792	U793	U794	U795	U796	U797	U798	U799	U800	U801	U802	U803	U804	U805	U806	U807	U808	U809	U810	U811	U812	U813	U814	U815	U816	U817	U818	U819	U820	U821	U822	U823	U824	U825	U826	U827	U828	U829	U830	U831	U832	U833	U834	U835	U836	U837	U838	U839	U840	U841	U842	U843	U844	U845	U846	U847	U848	U849	U850	U851	U852	U853	U854	U855	U856	U857	U858	U859	U860	U861	U862	U863	U864	U865	U866	U867	U868	U869	U870	U871	U872	U873	U874	U875	U876	U877	U878	U879	U880	U881	U882	U883	U884	U885	U886	U887	U888	U889	U890	U891	U892	U893	U894	U895	U896	U897	U898	U899	U900	U901	U902	U903	U904	U905	U906	U907	U908	U909	U910	U911	U912	U913	U914	U915	U916	U917	U918	U919	U920	U921	U922	U923	U924	U925	U926	U927	U928	U929	U930	U931	U932	U933	U934	U935	U936	U937	U938	U939	U940	U941	U942	U943	U944	U945	U946	U947	U948	U949	U950	U951	U952	U953	U954	U955	U956	U957	U958	U959	U960	U961	U962	U963	U964	U965	U966	U967	U968	U969	U970	U971	U972	U973	U974	U975	U976	U977	U978	U979	U980	U981	U982	U983	U984	U985	U986	U987	U988	U989	U990	U991	U992	U993	U994	U995	U996	U997	U998	U999	U1000	U1001	U1002	U1003	U1004	U1005	U1006	U1007	U1008	U1009	U1010	U1011	U1012	U1013	U1014	U1015	U1016	U1017	U1018	U1019	U1020	U1021	U1022	U1023	U1024	U1025	U1026	U1027	U1028	U1029	U1030	U1031	U1032	U1033	U1034	U1035	U1036	U1037	U1038	U1039	U1040	U1041	U1042	U1043	U1044	U1045	U1046	U1047	U1048	U1049	U1050	U1051	U1052	U1053	U1054	U1055	U1056	U1057	U1058	U1059	U1060	U1061	U1062	U1063	U1064	U1065	U1066	U1067	U1068	U1069	U1070	U1071	U1072	U1073	U1074	U1075	U1076	U1077	U1078	U1079	U1080	U1081	U1082	U1083	U1084	U1085	U1086	U1087	U1088	U1089	U1090	U1091	U1092	U1093	U1094	U1095	U1096	U1097	U1098	U1099	U1100	U1101	U1102	U1103	U1104	U1105	U1106	U1107	U1108	U1109	U1110	U1111	U1112	U1113	U1114	U1115	U1116	U1117	U1118	U1119	U1120	U1121	U1122	U1123	U1124	U1125	U1126	U1127	U1128	U1129	U1130	U1131	U1132	U1133	U1134	U1135	U1136	U1137	U1138	U1139	U1140	U1141	U1142	U1143	U1144	U1145	U1146	U1147	U1148	U1149	U1150	U1151	U1152	U1153	U1154	U1155	U1156	U1157	U1158	U1159	U1160	U1161	U1162	U1163	U1164	U1165	U1166	U1167	U1168	U1169	U1170	U1171	U1172	U1173	U1174	U1175	U1176	U1177	U1178	U1179	U1180	U1181	U1182	U1183	U1184	U1185	U1186	U1187	U1188	U1189	U1190	U1191	U1192	U1193	U1194	U1195	U1196	U1197	U1198	U1199	U1200	U1201	U1202	U1203	U1204	U1205	U1206	U1207	U1208	U1209	U1210	U1211	U1212	U1213	U1214	U1215	U1216	U1217	U1218	U1219	U1220	U1221	U1222	U1223	U1224	U1225	U1226	U1227	U1228	U1229	U1230	U1231	U1232	U1233	U1234	U1235	U1236	U1237	U1238	U1239	U1240	U1241	U1242	U1243	U1244	U1245	U1246	U1247	U1248	U1249	U1250	U1251	U1252	U1253	U1254	U1255	U1256	U1257	U1258	U1259	U1260	U1261	U1262	U1263	U1264	U1265	U1266	U1267	U1268	U1269	U1270	U1271	U1272	U1273	U1274	U1275	U1276	U1277	U1278	U1279	U1280	U1281	U1282	U1283	U1284	U1285	U1286	U1287	U1288	U1289	U1290	U1291	U1292	U1293	U1294	U1295	U1296	U1297	U1298	U1299	U1300	U1301	U1302	U1303	U1304	U1305	U1306	U1307	U1308	U1309	U1310	U1311	U1312	U1313	U1314	U1315	U1316	U1317	U1318	U1319	U1320	U1321	U1322	U1323	U1324	U1325	U1326	U1327	U1328	U1329	U1330	U1331	U1332	U1333	U133
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Frame	Station	Output Case	Step Type	Step Item	T	U1	U2	U3	U4	U5	U6	U7	U8	U9	U10	U11	U12	U13	U14	U15	U16	U17	U18	U19	U20	U21	U22	U23	U24	U25	U26	U27	U28	U29	U30	U31	U32	U33	U34	U35	U36	U37	U38	U39	U40	U41	U42	U43	U44	U45	U46	U47	U48	U49	U50	U51	U52	U53	U54	U55	U56	U57	U58	U59	U60	U61	U62	U63	U64	U65	U66	U67	U68	U69	U70	U71	U72	U73	U74	U75	U76	U77	U78	U79	U80	U81	U82	U83	U84	U85	U86	U87	U88	U89	U90	U91	U92	U93	U94	U95	U96	U97	U98	U99	U100	U101	U102	U103	U104	U105	U106	U107	U108	U109	U110	U111	U112	U113	U114	U115	U116	U117	U118	U119	U120	U121	U122	U123	U124	U125	U126	U127	U128	U129	U130	U131	U132	U133	U134	U135	U136	U137	U138	U139	U140	U141	U142	U143	U144	U145	U146	U147	U148	U149	U150	U151	U152	U153	U154	U155	U156	U157	U158	U159	U160	U161	U162	U163	U164	U165	U166	U167	U168	U169	U170	U171	U172	U173	U174	U175	U176	U177	U178	U179	U180	U181	U182	U183	U184	U185	U186	U187	U188	U189	U190	U191	U192	U193	U194	U195	U196	U197	U198	U199	U200	U201	U202	U203	U204	U205	U206	U207	U208	U209	U210	U211	U212	U213	U214	U215	U216	U217	U218	U219	U220	U221	U222	U223	U224	U225	U226	U227	U228	U229	U230	U231	U232	U233	U234	U235	U236	U237	U238	U239	U240	U241	U242	U243	U244	U245	U246	U247	U248	U249	U250	U251	U252	U253	U254	U255	U256	U257	U258	U259	U260	U261	U262	U263	U264	U265	U266	U267	U268	U269	U270	U271	U272	U273	U274	U275	U276	U277	U278	U279	U280	U281	U282	U283	U284	U285	U286	U287	U288	U289	U290	U291	U292	U293	U294	U295	U296	U297	U298	U299	U300	U301	U302	U303	U304	U305	U306	U307	U308	U309	U310	U311	U312	U313	U314	U315	U316	U317	U318	U319	U320	U321	U322	U323	U324	U325	U326	U327	U328	U329	U330	U331	U332	U333	U334	U335	U336	U337	U338	U339	U340	U341	U342	U343	U344	U345	U346	U347	U348	U349	U350	U351	U352	U353	U354	U355	U356	U357	U358	U359	U360	U361	U362	U363	U364	U365	U366	U367	U368	U369	U370	U371	U372	U373	U374	U375	U376	U377	U378	U379	U380	U381	U382	U383	U384	U385	U386	U387	U388	U389	U390	U391	U392	U393	U394	U395	U396	U397	U398	U399	U400	U401	U402	U403	U404	U405	U406	U407	U408	U409	U410	U411	U412	U413	U414	U415	U416	U417	U418	U419	U420	U421	U422	U423	U424	U425	U426	U427	U428	U429	U430	U431	U432	U433	U434	U435	U436	U437	U438	U439	U440	U441	U442	U443	U444	U445	U446	U447	U448	U449	U450	U451	U452	U453	U454	U455	U456	U457	U458	U459	U460	U461	U462	U463	U464	U465	U466	U467	U468	U469	U470	U471	U472	U473	U474	U475	U476	U477	U478	U479	U480	U481	U482	U483	U484	U485	U486	U487	U488	U489	U490	U491	U492	U493	U494	U495	U496	U497	U498	U499	U500	U501	U502	U503	U504	U505	U506	U507	U508	U509	U510	U511	U512	U513	U514	U515	U516	U517	U518	U519	U520	U521	U522	U523	U524	U525	U526	U527	U528	U529	U530	U531	U532	U533	U534	U535	U536	U537	U538	U539	U540	U541	U542	U543	U544	U545	U546	U547	U548	U549	U550	U551	U552	U553	U554	U555	U556	U557	U558	U559	U560	U561	U562	U563	U564	U565	U566	U567	U568	U569	U570	U571	U572	U573	U574	U575	U576	U577	U578	U579	U580	U581	U582	U583	U584	U585	U586	U587	U588	U589	U590	U591	U592	U593	U594	U595	U596	U597	U598	U599	U600	U601	U602	U603	U604	U605	U606	U607	U608	U609	U610	U611	U612	U613	U614	U615	U616	U617	U618	U619	U620	U621	U622	U623	U624	U625	U626	U627	U628	U629	U630	U631	U632	U633	U634	U635	U636	U637	U638	U639	U640	U641	U642	U643	U644	U645	U646	U647	U648	U649	U650	U651	U652	U653	U654	U655	U656	U657	U658	U659	U660	U661	U662	U663	U664	U665	U666	U667	U668	U669	U670	U671	U672	U673	U674	U675	U676	U677	U678	U679	U680	U681	U682	U683	U684	U685	U686	U687	U688	U689	U690	U691	U692	U693	U694	U695	U696	U697	U698	U699	U700	U701	U702	U703	U704	U705	U706	U707	U708	U709	U710	U711	U712	U713	U714	U715	U716	U717	U718	U719	U720	U721	U722	U723	U724	U725	U726	U727	U728	U729	U730	U731	U732	U733	U734	U735	U736	U737	U738	U739	U740	U741	U742	U743	U744	U745	U746	U747	U748	U749	U750	U751	U752	U753	U754	U755	U756	U757	U758	U759	U760	U761	U762	U763	U764	U765	U766	U767	U768	U769	U770	U771	U772	U773	U774	U775	U776	U777	U778	U779	U780	U781	U782	U783	U784	U785	U786	U787	U788	U789	U790	U791	U792	U793	U794	U795	U796	U797	U798	U799	U800	U801	U802	U803	U804	U805	U806	U807	U808	U809	U810	U811	U812	U813	U814	U815	U816	U817	U818	U819	U820	U821	U822	U823	U824	U825	U826	U827	U828	U829	U830	U831	U832	U833	U834	U835	U836	U837	U838	U839	U840	U841	U842	U843	U844	U845	U846	U847	U848	U849	U850	U851	U852	U853	U854	U855	U856	U857	U858	U859	U860	U861	U862	U863	U864	U865	U866	U867	U868	U869	U870	U871	U872	U873	U874	U875	U876	U877	U878	U879	U880	U881	U882	U883	U884	U885	U886	U887	U888	U889	U890	U891	U892	U893	U894	U895	U896	U897	U898	U899	U900	U901	U902	U903	U904	U905	U906	U907	U908	U909	U910	U911	U912	U913	U914	U915	U916	U917	U918	U919	U920	U921	U922	U923	U924	U925	U926	U927	U928	U929	U930	U931	U932	U933	U934	U935	U936	U937	U938	U939	U940	U941	U942	U943	U944	U945	U946	U947	U948	U949	U950	U951	U952	U953	U954	U955	U956	U957	U958	U959	U960	U961	U962	U963	U964	U965	U966	U967	U968	U969	U970	U971	U972	U973	U974	U975	U976	U977	U978	U979	U980	U981	U982	U983	U984	U985	U986	U987	U988	U989	U990	U991	U992	U993	U994	U995	U996	U997	U998	U999	U1000	U1001	U1002	U1003	U1004	U1005	U1006	U1007	U1008	U1009	U1010	U1011	U1012	U1013	U1014	U1015	U1016	U1017	U1018	U1019	U1020	U1021	U1022	U1023	U1024	U1025	U1026	U1027	U1028	U1029	U1030	U1031	U1032	U1033	U1034	U1035	U1036	U1037	U1038	U1039	U1040	U1041	U1042	U1043	U1044	U1045	U1046	U1047	U1048	U1049	U1050	U1051	U1052	U1053	U1054	U1055	U1056	U1057	U1058	U1059	U1060	U1061	U1062	U1063	U1064	U1065	U1066	U1067	U1068	U1069	U1070	U1071	U1072	U1073	U1074	U1075	U1076	U1077	U1078	U1079	U1080	U1081	U1082	U1083	U1084	U1085	U1086	U1087	U1088	U1089	U1090	U1091	U1092	U1093	U1094	U1095	U1096	U1097	U1098	U1099	U1100	U1101	U1102	U1103	U1104	U1105	U1106	U1107	U1108	U1109	U1110	U1111	U1112	U1113	U1114	U1115	U1116	U1117	U1118	U1119	U1120	U1121	U1122	U1123	U1124	U1125	U1126	U1127	U1128	U1129	U1130	U1131	U1132	U1133	U1134	U1135	U1136	U1137	U1138	U1139	U1140	U1141	U1142	U1143	U1144	U1145	U1146	U1147	U1148	U1149	U1150	U1151	U1152	U1153	U1154	U1155	U1156	U1157	U1158	U1159	U1160	U1161	U1162	U1163	U1164	U1165	U1166	U1167	U1168	U1169	U1170	U1171	U1172	U1173	U1174	U1175	U1176	U1177	U1178	U1179	U1180	U1181	U1182	U1183	U1184	U1185	U1186	U1187	U1188	U1189	U1190	U1191	U1192	U1193	U1194	U1195	U1196	U1197	U1198	U1199	U1200	U1201	U1202	U1203	U1204	U1205	U1206	U1207	U1208	U1209	U1210	U1211	U1212	U1213	U1214	U1215	U1216	U1217	U1218	U1219	U1220	U1221	U1222	U1223	U1224	U1225	U1226	U1227	U1228	U1229	U1230	U1231	U1232	U1233	U1234	U1235	U1236	U1237	U1238	U1239	U1240	U1241	U1242	U1243	U1244	U1245	U1246	U1247	U1248	U1249	U1250	U1251	U1252	U1253	U1254	U1255	U1256	U1257	U1258	U1259	U1260	U1261	U1262	U1263	U1264	U1265	U1266	U1267	U1268	U1269	U1270	U1271	U1272	U1273	U1274	U1275	U1276	U1277	U1278	U1279	U1280	U1281	U1282	U1283	U1284	U1285	U1286	U1287	U1288	U1289	U1290	U1291	U1292	U1293	U1294	U1295	U1296	U1297	U1298	U1299	U1300	U1301	U1302	U1303	U1304	U1305	U1306	U1307	U1308	U1309	U1310	U1311	U1312	U1313	U1314	U1315	U1316	U1317	U1318	U1319	U1320	U1321	U1322	U1323	U1324	U1325	U1326	U1327	U1328	U1329	U1330	U1331	U1332	U1333	U133
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Table: Element Forces - Frames, Part 2 of 3												
Frame	Station	Output Case	ElemType	ElemNum	Y	Z	MX	MY	MZ	FX	FY	FZ
5	0	MODAL	Mode	12	2.898E-05	-1.111E-04	6082.5873	5-1				
5	0	MODAL	Mode	12	2.898E-05	-1.234E-04	7911.4078	5-1				
5	0	MODAL	Mode	12	2.898E-05	-1.358E-04	7938.8501	5-1				
5	0	MODAL	Mode	12	2.898E-05	-1.482E-04	8058.2923	5-1				
5	0	MODAL	Mode	12	2.898E-05	-1.606E-04	8178.7346	5-1				
5	0	MODAL	Mode	12	2.898E-05	-1.730E-04	10725.1768	5-1				
5	0	MODAL	Mode	12	2.898E-05	-1.854E-04	11653.6191	5-1				
5	0	MODAL	Mode	12	2.898E-05	-1.978E-04	12582.0513	5-1				
5	0	MODAL	Mode	12	2.898E-05	-2.102E-04	13510.4836	5-1				
5	0	MODAL	Mode	12	2.898E-05	-2.226E-04	14438.9159	5-1				
5	0	MODAL	Mode	12	2.898E-05	-2.350E-04	15367.3481	5-1				
5	0	MODAL	Mode	12	2.898E-05	-2.473E-04	16295.7803	5-1				
5	0	MODAL	Mode	12	2.898E-05	-2.597E-04	17224.2125	5-1				
5	0	LIVE		0	0	0	-401.495	5-1				
5	0	LIVE		0	0	0	-331.518	5-1				
5	0	LIVE		0	0	0	-269.5467	5-1				
5	0	LIVE		0	0	0	-207.1776	5-1				
5	0	LIVE		0	0	0	-153.2065	5-1				
5	0	LIVE		0	0	0	-104.6394	5-1				
5	0	LIVE		0	0	0	-51.4739	5-1				
5	0	LIVE		0	0	0	-23.7811	5-1				
5	0	LIVE		0	0	0	8.068	5-1				
5	0	LIVE		0	0	0	35.6371	5-1				
5	0	LIVE		0	0	0	57.2052	5-1				
5	0	LIVE		0	0	0	73.3759	5-1				
5	0	LIVE		0	0	0	84.1448	5-1				
5	0	LIVE		0	0	0	93.8109	5-1				
5	0	LIVE		0	0	0	101.4827	5-1				
5	0	LIVE		0	0	0	104.0518	5-1				
5	0	LIVE		0	0	0	104.2209	5-1				
5	0	LIVE		0	0	0	104.39	5-1				
5	0	LIVE		0	0	0	104.5622	5-1				
5	0	LIVE		0	0	0	104.7333	5-1				
5	0	LIVE		0	0	0	104.9044	5-1				
5	0	LIVE		0	0	0	105.0755	5-1				
5	0	LIVE		0	0	0	105.2466	5-1				
5	0	LIVE		0	0	0	105.4177	5-1				
5	0	LIVE		0	0	0	105.5888	5-1				
5	0	LIVE		0	0	0	105.7599	5-1				
5	0	LIVE		0	0	0	105.931	5-1				
5	0	LIVE		0	0	0	106.1021	5-1				
5	0	LIVE		0	0	0	106.2732	5-1				
5	0	LIVE		0	0	0	106.4443	5-1				
5	0	LIVE		0	0	0	106.6154	5-1				
5	0	LIVE		0	0	0	106.7865	5-1				
5	0	LIVE		0	0	0	106.9576	5-1				
5	0	LIVE		0	0	0	107.1287	5-1				
5	0	LIVE		0	0	0	107.3	5-1				
5	0	LIVE		0	0	0	107.4711	5-1				
5	0	LIVE		0	0	0	107.6422	5-1				
5	0	LIVE		0	0	0	107.8133	5-1				
5	0	LIVE		0	0	0	107.9844	5-1				
5	0	LIVE		0	0	0	108.1555	5-1				
5	0	LIVE		0	0	0	108.3266	5-1				
5	0	LIVE		0	0	0	108.4977	5-1				
5	0	LIVE		0	0	0	108.6688	5-1				
5	0	LIVE		0	0	0	108.8399	5-1				
5	0	LIVE		0	0	0	109.011	5-1				
5	0	LIVE		0	0	0	109.1821	5-1				
5	0	LIVE		0	0	0	109.3532	5-1				
5	0	LIVE		0	0	0	109.5243	5-1				
5	0	LIVE		0	0	0	109.6954	5-1				
5	0	LIVE		0	0	0	109.8665	5-1				
5	0	LIVE		0	0	0	110.0376	5-1				
5	0	LIVE		0	0	0	110.2087	5-1				
5	0	LIVE		0	0	0	110.3798	5-1				
5	0	LIVE		0	0	0	110.5509	5-1				
5	0	LIVE		0	0	0	110.722	5-1				
5	0	LIVE		0	0	0	110.8931	5-1				
5	0	LIVE		0	0	0	111.0642	5-1				
5	0	LIVE		0	0	0	111.2353	5-1				
5	0	LIVE		0	0	0	111.4064	5-1				
5	0	LIVE		0	0	0	111.5775	5-1				
5	0	LIVE		0	0	0	111.7486	5-1				
5	0	LIVE		0	0	0	111.9197	5-1				
5	0	LIVE		0	0	0	112.0908	5-1				
5	0	LIVE		0	0	0	112.2619	5-1				
5	0	LIVE		0	0	0	112.433	5-1				
5	0	LIVE		0	0	0	112.6041	5-1				
5	0	LIVE		0	0	0	112.7752	5-1				
5	0	LIVE		0	0	0	112.9463	5-1				
5	0	LIVE		0	0	0	113.1174	5-1				
5	0	LIVE		0	0	0	113.2885	5-1				
5	0	LIVE		0	0	0	113.4596	5-1				
5	0	LIVE		0	0	0	113.6307	5-1				
5	0	LIVE		0	0	0	113.8018	5-1				
5	0	LIVE		0	0	0	113.9729	5-1				
5	0	LIVE		0	0	0	114.144	5-1				
5	0	LIVE		0	0	0	114.3151	5-1				
5	0	LIVE		0	0	0	114.4862	5-1				
5	0	LIVE		0	0	0	114.6573	5-1				
5	0	LIVE		0	0	0	114.8284	5-1				
5	0	LIVE		0	0	0	115.0	5-1				
5	0	LIVE		0	0	0	115.1711	5-1				
5	0	LIVE		0	0	0	115.3422	5-1				
5	0	LIVE		0	0	0	115.5133	5-1				
5	0	LIVE		0	0	0	115.6844	5-1				
5	0	LIVE		0	0	0	115.8555	5-1				
5	0	LIVE		0	0	0	116.0266	5-1				
5	0	LIVE		0	0	0	116.1977	5-1				
5	0	LIVE		0	0	0	116.3688	5-1				
5	0	LIVE		0	0	0	116.5399	5-1				
5	0	LIVE		0	0	0	116.711	5-1				
5	0	LIVE		0	0	0	116.8821	5-1				
5	0	LIVE		0	0	0	117.0532	5-1				
5	0	LIVE		0	0	0	117.2243	5-1				
5	0	LIVE		0	0	0	117.3954	5-1				
5	0	LIVE		0	0	0	117.5665	5-1				
5	0	LIVE		0	0	0	117.7376	5-1				
5	0	LIVE		0	0	0	117.9087	5-1				
5	0	LIVE		0	0	0	118.0798	5-1				
5	0	LIVE		0	0	0	118.2509	5-1				
5	0	LIVE		0	0	0	118.422	5-1				
5	0	LIVE		0	0	0	118.5931	5-1				
5	0	LIVE		0	0	0	118.7642	5-1				
5	0	LIVE		0	0	0	118.9353	5-1				
5	0	LIVE		0	0	0	119.1064	5-1				
5	0	LIVE		0	0	0	119.2775	5-1				
5	0	LIVE		0	0	0	119.4486	5-1				
5	0	LIVE		0	0	0	119.6197	5-1				
5	0	LIVE		0	0	0	119.7908	5-1				
5	0	LIVE		0	0	0	119.9619	5-1				
5	0	LIVE		0	0	0	120.133	5-1				
5	0	LIVE		0	0	0	120.3041	5-1				
5	0	LIVE		0	0	0	120.4752	5-1				
5	0	LIVE		0	0	0	120.6463	5-1				
5	0	LIVE		0	0	0	120.8174	5-1				
5	0	LIVE		0	0	0	120.9885	5-1				
5	0	LIVE		0	0	0	121.1596	5-1				
5	0	LIVE		0	0	0	121.3307	5-1				
5	0	LIVE		0	0	0	121.5018	5-1				
5	0	LIVE		0	0	0	121.6729	5-1				
5	0	LIVE		0	0	0	121.844	5-1				
5	0	LIVE		0	0	0	122.0151	5-1				
5	0	LIVE		0	0	0	122.1862	5-1				
5	0	LIVE		0	0	0	122.3573	5-1				
5	0	LIVE		0	0	0	122.5284	5-1				
5	0	LIVE		0	0	0	122.6995	5-1				
5	0	LIVE		0	0	0	122.8706	5-1				
5	0	LIVE		0	0	0	123.0417	5-1				
5	0	LIVE		0	0	0	123.2128	5-1				
5	0	LIVE		0	0	0	123.3839	5-1				
5	0	LIVE		0	0	0	123.555	5-1		</		

Frame	Station	Output Case	StepType	StepItem	T	MZ	MX	MY	FrameElem
7	1.8333	MODAL	Mode	10	2.042E-04	0.0006	-24493.3188	-7.1	
7	0	MODAL	Mode	11	-21738.350	18254.5939	-0.0014	-7.1	
7	0.45833	MODAL	Mode	11	-21738.350	8950.308	-7.846E-04	-7.1	
7	0.91665	MODAL	Mode	11	-21738.350	-1081.9678	-1.883E-04	-7.1	
7	1.37498	MODAL	Mode	11	-21738.350	-10720.2437	4.189E-04	-7.1	
7	1.8333	MODAL	Mode	11	-21738.350	-20077.5106	8.001	-7.1	
7	0	MODAL	Mode	12	-7.189E-06	5.838E-05	-15499.8124	-7.1	
7	0.45833	MODAL	Mode	12	-5.299E-06	8.640E-04	-978.4155	-7.1	
7	0.91665	MODAL	Mode	12	-5.299E-06	0.0013	13561.5794	-7.1	
7	1.37498	MODAL	Mode	12	-5.299E-06	0.0019	28098.7754	-7.1	
7	1.8333	MODAL	Mode	12	-5.299E-06	0.0025	42617.7713	-7.1	
7	0.45833	LIVE			0	0	-150.8637	-7.1	
7	0.91665	LIVE			0	0	-228.4104	-7.1	
7	1.37498	LIVE			0	0	-271.8571	-7.1	
7	1.8333	LIVE			0	0	-317.5036	-7.1	
7	0	DCON1			0	0	-351.0184	-7.1	
7	0.45833	DCON1			0	0	-541.8705	-7.1	
7	0.91665	DCON1			0	0	-730.7765	-7.1	
7	1.37498	DCON1			0	0	-952.7546	-7.1	
7	1.8333	DCON1			0	0	-1207.745	-7.1	
7	0	DCON2			0	0	-585.9919	-7.1	
7	0.45833	DCON2			0	0	-813.165	-7.1	
7	0.91665	DCON2			0	0	-1070.3922	-7.1	
7	1.37498	DCON2			0	0	-1350.8704	-7.1	
7	1.8333	DCON2			0	0	-1734.0007	-7.1	
8	0	DEAD			0	0	-882.0034	-7.1	
8	0.45833	DEAD			0	0	-870.478	-7.1	
8	0.91665	DEAD			0	0	-863.3547	-7.1	
8	1.37498	DEAD			0	0	-860.7511	-7.1	
8	1.8333	DEAD			0	0	-862.8751	-7.1	
8	0	MODAL	Mode	1	422.0715	-1081.1034	2.580E-06	-7.1	
8	0.45833	MODAL	Mode	1	422.0715	-1117.1774	2.381E-06	-7.1	
8	0.91665	MODAL	Mode	1	422.0715	-1136.2513	2.173E-06	-7.1	
8	1.37498	MODAL	Mode	1	422.0715	-1155.3253	1.985E-06	-7.1	
8	1.8333	MODAL	Mode	1	422.0715	-1174.3992	1.757E-06	-7.1	
8	0	MODAL	Mode	2	8885.2573	-8354.8959	-8.73E-04	-7.1	
8	0.45833	MODAL	Mode	2	8885.2558	-8885.5113	-4.009E-04	-7.1	
8	0.91665	MODAL	Mode	2	8885.2558	-7806.1857	-1.992E-04	-7.1	
8	1.37498	MODAL	Mode	2	8885.2558	-7628.7501	3.249E-05	-7.1	
8	1.8333	MODAL	Mode	2	8885.2558	-7247.2445	2.841E-04	-7.1	
8	0	MODAL	Mode	3	-5.844E-05	-5.078E-04	-5020.2142	-7.1	
8	0.45833	MODAL	Mode	3	-5.844E-05	-3.854E-04	-4085.7358	-7.1	
8	0.91665	MODAL	Mode	3	-5.844E-05	-3.632E-04	-4371.3117	-7.1	
8	1.37498	MODAL	Mode	3	-5.844E-05	-3.009E-04	-4048.5719	-7.1	
8	1.8333	MODAL	Mode	3	-5.844E-05	-4.187E-04	-3722.4246	-7.1	
8	0	MODAL	Mode	4	2.580E-07	2.714E-05	-4038.7839	-7.1	
8	0.45833	MODAL	Mode	4	2.580E-07	1.492E-05	-6288.4501	-7.1	
8	0.91665	MODAL	Mode	4	2.580E-07	2.504E-05	-4652.1372	-7.1	
8	1.37498	MODAL	Mode	4	2.580E-07	-8.615E-05	-4734.8144	-7.1	
8	1.8333	MODAL	Mode	4	2.580E-07	-2.135E-05	-4957.4915	-7.1	
8	0	MODAL	Mode	5	1.71E-07	-2.130E-05	176.1726	-7.1	
8	0.45833	MODAL	Mode	5	1.820E-07	-1.687E-05	794.333	-7.1	
8	0.91665	MODAL	Mode	5	1.820E-07	-1.245E-05	1392.4935	-7.1	

Frame	Station	Output Case	StepType	StepItem	T	MZ	MX	MY	FrameElem
8	1.37498	MODAL	Mode	5	1.820E-07	-8.018E-07	2000.5538	-7.1	
8	1.8333	MODAL	Mode	5	1.820E-07	-3.593E-07	2808.8143	-7.1	
8	0	MODAL	Mode	6	3.548E-06	3.125E-04	5955.5183	-7.1	
8	0.45833	MODAL	Mode	6	3.548E-06	1.712E-04	3864.3351	-7.1	
8	0.91665	MODAL	Mode	6	3.548E-06	2.806E-05	1968.1558	-7.1	
8	1.37498	MODAL	Mode	6	3.548E-06	-1.116E-04	-39.2554	-7.1	
8	1.8333	MODAL	Mode	6	3.548E-06	-2.530E-04	-2023.2108	-7.1	
8	0	MODAL	Mode	7	-7.0614	4484.6517	1.380E-04	-7.1	
8	0.45833	MODAL	Mode	7	-65.0514	4725.787	7.137E-05	-7.1	
8	0.91665	MODAL	Mode	7	-65.0514	4586.8822	0.722E-05	-7.1	
8	1.37498	MODAL	Mode	7	-65.0514	4207.5974	-5.792E-05	-7.1	
8	1.8333	MODAL	Mode	7	-65.0514	6448.8158	-1.225E-04	-7.1	
8	0	MODAL	Mode	8	3.585.3323	-23568.7114	3.075E-04	-7.1	
8	0.45833	MODAL	Mode	8	3.585.3323	-25668.5371	2.471E-04	-7.1	
8	0.91665	MODAL	Mode	8	3.585.3323	-27813.4820	1.877E-04	-7.1	
8	1.37498	MODAL	Mode	8	3.585.3323	-29937.3886	1.281E-04	-7.1	
8	1.8333	MODAL	Mode	8	3.585.3323	-32051.2843	6.889E-05	-7.1	
8	0	MODAL	Mode	9	16523.2673	-12.903.335	0.0008	-7.1	
8	0.45833	MODAL	Mode	9	16523.2673	-18151.5765	0.0025	-7.1	
8	0.91665	MODAL	Mode	9	16523.2673	-17083.0955	0.0014	-7.1	
8	1.37498	MODAL	Mode	9	16523.2673	-15801.2825	2.193E-04	-7.1	
8	1.8333	MODAL	Mode	9	16523.2673	-14825.4555	-9.895E-04	-7.1	
8	0	MODAL	Mode	10	1.883E-04	0.0058	-24616.3887	-7.1	
8	0.45833	MODAL	Mode	10	1.883E-04	0.0073	-21227.7091	-7.1	
8	0.91665	MODAL	Mode	10	1.883E-04	0.005	-17842.4291	-7.1	
8	1.37498	MODAL	Mode	10	1.883E-04	0.0027	-14455.1483	-7.1	
8	1.8333	MODAL	Mode	10	1.883E-04	4.723E-04	-11087.8895	-7.1	
8	0	MODAL	Mode	11	-31104.8366	-19254.7449	0.001	-7.1	
8	0.45833	MODAL	Mode	11	-31134.8366	-30150.8945	8.201E-04	-7.1	
8	0.91665	MODAL	Mode	11	-31164.8366	-41055.4541	5.220E-04	-7.1	
8	1.37498	MODAL	Mode	11	-31184.8366	-51970.8337	4.218E-04	-7.1	
8	1.8333	MODAL	Mode	11	-31184.8366	-67478.2304	2.229E-04	-7.1	
8	0	MODAL	Mode	12	-5.883E-06	0.0025	41181.7045	-7.1	
8	0.45833	MODAL	Mode	12	-5.883E-06	7.805E-04	48896.5107	-7.1	
8	0.91665	MODAL	Mode	12	-5.883E-06	-8.757E-04	56617.317	-7.1	
8	1.37498	MODAL	Mode	12	-5.883E-06	-9.0025	64335.1233	-7.1	
8	1.8333	MODAL	Mode	12	-5.883E-06	-8.0042	72052.9296	-7.1	
8	0	LIVE			0	0	-308.1469	-7.1	
8	0.45833	LIVE			0	0	-313.4847	-7.1	
8	0.91665	LIVE			0	0	-317.7828	-7.1	
8	1.37498	LIVE			0	0	-322.1004	-7.1	
8	1.8333	LIVE			0	0	-328.4182	-7.1	
8	0	DCON1			0	0	-1193.7048	-7.1	
8	0.45833	DCON1			0	0	-1175.9907	-7.1	
8	0.91665	DCON1			0	0	-1192.6289	-7.1	
8	1.37498	DCON1			0	0	-1243.0191	-7.1	
8	1.8333	DCON1			0	0	-1329.6514	-7.1	
8	0	DCON2			0	0	-1193.7048	-7.1	
8	0.45833	DCON2			0	0	-1175.9907	-7.1	
8	0.91665	DCON2			0	0	-1192.6289	-7.1	
8	1.37498	DCON2			0	0	-1243.0191	-7.1	
8	1.8333	DCON2			0	0	-1329.6514	-7.1	
8	0	DEAD			0	0	-882.0034	-7.1	
8	0.45833	DEAD			0	0	-870.478	-7.1	

Table: Element Forces - Frames, Part 2 of 3										
Frame	Station	Output Case	StepType	StepItem	T			M2	M3	FrameElem
					KN-m	KN-m	KN-m			
9	0.91665	DEAD			0	0	-741.3551	-7.1		
9	1.37498	DEAD			0	0	-555.9485	-7.1		
9	1.8333	DEAD			0	0	-594.6972	-7.1		
9	0	MODAL	Mode	1	-405.8943	-1170.0600	1.74E-05	-7.1		
9	0.45833	MODAL	Mode	1	-405.8943	-1099.3726	8.24E-07	-7.1		
9	0.91665	MODAL	Mode	1	-405.8943	-1028.8946	-5.245E-07	-7.1		
9	1.37498	MODAL	Mode	1	-405.8943	-957.9957	-1.674E-06	-7.1		
9	1.8333	MODAL	Mode	1	-405.8943	-887.3087	-2.823E-06	-7.1		
9	0	MODAL	Mode	2	6385.0407	-7036.1372	2.596E-04	-7.1		
9	0.45833	MODAL	Mode	2	6385.0407	-6381.8546	3.829E-04	-7.1		
9	0.91665	MODAL	Mode	2	6385.0407	-5735.3202	5.894E-04	-7.1		
9	1.37498	MODAL	Mode	2	6385.0407	-4422.0476	8.727E-04	-7.1		
9	1.8333	MODAL	Mode	2	6385.0407	-4.199E-04	-3620.8919	-7.1		
9	0	MODAL	Mode	3	-5.829E-06	-2.302E-04	-2857.1600	-7.1		
9	0.45833	MODAL	Mode	3	-5.829E-06	-4.089E-05	-2187.4206	-7.1		
9	0.91665	MODAL	Mode	3	-5.829E-06	-1.483E-04	-1817.6302	-7.1		
9	1.37498	MODAL	Mode	3	-5.829E-06	3.383E-04	-847.9598	-7.1		
9	1.8333	MODAL	Mode	3	-5.829E-06	-2.207E-05	-4855.7272	-7.1		
9	0.45833	MODAL	Mode	4	2.584E-07	-2.340E-08	-4830.8423	-7.1		
9	0.91665	MODAL	Mode	4	2.584E-07	-2.471E-08	-4104.8574	-7.1		
9	1.37498	MODAL	Mode	4	2.584E-07	-2.800E-08	-3759.8724	-7.1		
9	1.8333	MODAL	Mode	4	2.584E-07	-2.736E-08	-3253.1875	-7.1		
9	0	MODAL	Mode	5	1.681E-07	-3.589E-07	2391.8015	-7.1		
9	0.45833	MODAL	Mode	5	1.681E-07	9.475E-07	2609.4129	-7.1		
9	0.91665	MODAL	Mode	5	1.687E-07	2.251E-06	2816.9242	-7.1		
9	1.37498	MODAL	Mode	5	1.717E-07	1.554E-06	3024.4366	-7.1		
9	1.8333	MODAL	Mode	5	1.807E-07	4.858E-06	3831.547	-7.1		
9	0	MODAL	Mode	6	3.432E-06	2.592E-04	-1258.8224	-7.1		
9	0.45833	MODAL	Mode	6	3.432E-06	-2.992E-04	-3315.3227	-7.1		
9	0.91665	MODAL	Mode	6	3.432E-06	-2.890E-04	-5371.823	-7.1		
9	1.37498	MODAL	Mode	6	3.432E-06	-3.020E-04	-7428.3253	-7.1		
9	1.8333	MODAL	Mode	6	3.432E-06	-3.189E-04	-9484.8226	-7.1		
9	0	MODAL	Mode	7	-1.0084E-51	5.93034E1	-1.719E-04	-7.1		
9	0.45833	MODAL	Mode	7	-1.0084E-51	5.43175E7	-1.150E-04	-7.1		
9	0.91665	MODAL	Mode	7	-1.0084E-51	6.51413E4	-1.080E-04	-7.1		
9	1.37498	MODAL	Mode	7	-1.0084E-51	8.57157E1	-1.010E-04	-7.1		
9	1.8333	MODAL	Mode	7	-1.0084E-51	8.73827E6	-7.495E-06	-7.1		
9	0	MODAL	Mode	8	6.6981E-61	-3.1673E-5	7.072E-05	-7.1		
9	0.45833	MODAL	Mode	8	6.6981E-61	-3.27707E5	7.802E-08	-7.1		
9	0.91665	MODAL	Mode	8	6.6981E-61	-3.589731E7	8.751E-05	-7.1		
9	1.37498	MODAL	Mode	8	6.6981E-61	-3.6237353E1	-1.851E-04	-7.1		
9	1.8333	MODAL	Mode	8	6.6381E-61	-4.017791E6	-2.437E-04	-7.1		
9	0	MODAL	Mode	9	1.8702E-5031	-1543739E6	-8.495E-04	-7.1		
9	0.45833	MODAL	Mode	9	1.8702E-5031	-2.61611E1	-0.00015	-7.1		
9	0.91665	MODAL	Mode	9	1.8702E-5031	-1.176474E7	-0.0021	-7.1		
9	1.37498	MODAL	Mode	9	1.8702E-5031	-6828.812E6	-0.0005	-7.1		
9	1.8333	MODAL	Mode	9	1.8702E-5031	-4.0027260E4	-0.0032	-7.1		
9	0	MODAL	Mode	10	1.9877E-04	5.044E-04	-1.514E-043	-7.1		
9	0.45833	MODAL	Mode	10	1.9877E-04	-0.0028	-7914.2115	-7.1		
9	0.91665	MODAL	Mode	10	1.9877E-04	-0.009	-2514.0187	-7.1		
9	1.37498	MODAL	Mode	10	1.9877E-04	-0.0026	-986.2441	-7.1		
9	1.8333	MODAL	Mode	10	1.9877E-04	-0.0127	5466.9058	-7.1		
9	0	MODAL	Mode	11	-3.0155E-0480	-41883.671E	2.299E-04	-7.1		

Frame	Station	OutputCase	StepType	StepNum	T	FX	FY	FZ	MX	MY	MZ	PrmslElim
10	0	MODAL	Mode	6	3,347E-06	-3,200E-04	-8.61E-08	1.3-1				
10	0.45833	MODAL	Mode	6	3,347E-06	-1,342E-04	-1.09E-06	10-1				
10	0.91665	MODAL	Mode	6	3,347E-06	-4,245E-05	-1.03E-04	10-1				
10	1.37498	MODAL	Mode	6	3,347E-05	5.737E-05	-1.63E-04	10-1				
10	1.8333	MODAL	Mode	6	3,347E-06	1.832E-04	-1.791E-06	10-1				
10	0	MODAL	Mode	7	-1.982E-06	5.697E-07	-6.53E-05	10-1				
10	0.45833	MODAL	Mode	7	-1.982E-06	5.697E-07	-6.53E-05	10-1				
10	0.91665	MODAL	Mode	7	-1.982E-06	5.697E-07	-6.53E-05	10-1				
10	1.37498	MODAL	Mode	7	-1.982E-06	5.697E-07	-6.53E-05	10-1				
10	1.8333	MODAL	Mode	7	-1.982E-06	5.697E-07	-6.53E-05	10-1				
10	0	MODAL	Mode	8	6.812E-03	-2.364E-04	-2.436E-04	10-1				
10	0.45833	MODAL	Mode	8	6.812E-03	-2.364E-04	-2.436E-04	10-1				
10	0.91665	MODAL	Mode	8	6.812E-03	-2.364E-04	-2.436E-04	10-1				
10	1.37498	MODAL	Mode	8	6.812E-03	-2.364E-04	-2.436E-04	10-1				
10	1.8333	MODAL	Mode	8	6.812E-03	-2.364E-04	-2.436E-04	10-1				
10	0	MODAL	Mode	9	1.616E-03	-4.841E-07	-0.002E-04	10-1				
10	0.45833	MODAL	Mode	9	1.616E-03	-4.841E-07	-0.002E-04	10-1				
10	0.91665	MODAL	Mode	9	1.616E-03	-4.841E-07	-0.002E-04	10-1				
10	1.37498	MODAL	Mode	9	1.616E-03	-4.841E-07	-0.002E-04	10-1				
10	1.8333	MODAL	Mode	9	1.616E-03	-4.841E-07	-0.002E-04	10-1				
10	0	MODAL	Mode	10	1.800E-04	-0.012E-04	1.002E-04	10-1				
10	0.45833	MODAL	Mode	10	1.800E-04	-0.012E-04	1.002E-04	10-1				
10	0.91665	MODAL	Mode	10	1.800E-04	-0.012E-04	1.002E-04	10-1				
10	1.37498	MODAL	Mode	10	1.800E-04	-0.012E-04	1.002E-04	10-1				
10	1.8333	MODAL	Mode	10	1.800E-04	-0.012E-04	1.002E-04	10-1				
10	0	MODAL	Mode	11	-3.141E-06	-8.647E-08	-0.001E-04	10-1				
10	0.45833	MODAL	Mode	11	-3.141E-06	-8.647E-08	-0.001E-04	10-1				
10	0.91665	MODAL	Mode	11	-3.141E-06	-8.647E-08	-0.001E-04	10-1				
10	1.37498	MODAL	Mode	11	-3.141E-06	-8.647E-08	-0.001E-04	10-1				
10	1.8333	MODAL	Mode	11	-3.141E-06	-8.647E-08	-0.001E-04	10-1				
10	0	MODAL	Mode	12	-6.714E-06	0.001E-04	5.367E-05	10-1				
10	0.45833	MODAL	Mode	12	-6.714E-06	0.001E-04	5.367E-05	10-1				
10	0.91665	MODAL	Mode	12	-6.714E-06	0.001E-04	5.367E-05	10-1				
10	1.37498	MODAL	Mode	12	-6.714E-06	0.001E-04	5.367E-05	10-1				
10	1.8333	MODAL	Mode	12	-6.714E-06	0.001E-04	5.367E-05	10-1				
10	0	LIVE			0	0	-1.95E-03	10-1				
10	0.45833	LIVE			0	0	-1.95E-03	10-1				
10	0.91665	LIVE			0	0	-1.95E-03	10-1				
10	1.37498	LIVE			0	0	-1.95E-03	10-1				
10	1.8333	LIVE			0	0	-1.95E-03	10-1				
10	0	DCON1			0	0	-8.27E-06	10-1				
10	0.45833	DCON1			0	0	-8.27E-06	10-1				
10	0.91665	DCON1			0	0	-8.27E-06	10-1				
10	1.37498	DCON1			0	0	-8.27E-06	10-1				
10	1.8333	DCON1			0	0	-8.27E-06	10-1				
10	0	DCON2			0	0	-4.75E-06	10-1				
10	0.45833	DCON2			0	0	-4.75E-06	10-1				
10	0.91665	DCON2			0	0	-4.75E-06	10-1				
10	1.37498	DCON2			0	0	-4.75E-06	10-1				
10	1.8333	DCON2			0	0	-4.75E-06	10-1				
10	0	DEAD			0	0	2.22E-04	10-1				
10	0.45833	DEAD			0	0	2.22E-04	10-1				
10	0.91665	DEAD			0	0	2.22E-04	10-1				
10	1.37498	DEAD			0	0	2.22E-04	10-1				
10	1.8333	DEAD			0	0	2.22E-04	10-1				

Frame	Station	OutputCase	StepType	StepNum	T	FX	FY	FZ	MX	MY	MZ	PrmslElim
11	0	DEAD			0	0	0	1.823E-018	11-1			
11	0	MODAL	Mode	1	-2.092E-06	-2.52E-05	-1.821E-07	11-1				
11	0.45833	MODAL	Mode	1	-2.092E-06	-2.52E-05	-1.821E-07	11-1				
11	0.91665	MODAL	Mode	1	-2.092E-06	-2.52E-05	-1.821E-07	11-1				
11	1.37498	MODAL	Mode	1	-2.092E-06	-2.52E-05	-1.821E-07	11-1				
11	1.8333	MODAL	Mode	1	-2.092E-06	-2.52E-05	-1.821E-07	11-1				
11	0	MODAL	Mode	2	6.108E-06	6.68E-04	-1.850E-04	11-1				
11	0.45833	MODAL	Mode	2	6.108E-06	6.68E-04	-1.850E-04	11-1				
11	0.91665	MODAL	Mode	2	6.108E-06	6.68E-04	-1.850E-04	11-1				
11	1.37498	MODAL	Mode	2	6.108E-06	6.68E-04	-1.850E-04	11-1				
11	1.8333	MODAL	Mode	2	6.108E-06	6.68E-04	-1.850E-04	11-1				
11	0	MODAL	Mode	3	-4.408E-06	1.808E-04	5.197E-05	11-1				
11	0.45833	MODAL	Mode	3	-4.408E-06	1.808E-04	5.197E-05	11-1				
11	0.91665	MODAL	Mode	3	-4.408E-06	1.808E-04	5.197E-05	11-1				
11	1.37498	MODAL	Mode	3	-4.408E-06	1.808E-04	5.197E-05	11-1				
11	1.8333	MODAL	Mode	3	-4.408E-06	1.808E-04	5.197E-05	11-1				
11	0	MODAL	Mode	4	2.481E-07	1.837E-05	9.851E-02	11-1				
11	0.45833	MODAL	Mode	4	2.481E-07	1.837E-05	9.851E-02	11-1				
11	0.91665	MODAL	Mode	4	2.481E-07	1.837E-05	9.851E-02	11-1				
11	1.37498	MODAL	Mode	4	2.481E-07	1.837E-05	9.851E-02	11-1				
11	1.8333	MODAL	Mode	4	2.481E-07	1.837E-05	9.851E-02	11-1				
11	0	MODAL	Mode	5	1.839E-07	1.500E-05	3.000E-01	11-1				
11	0.45833	MODAL	Mode	5	1.839E-07	1.500E-05	3.000E-01	11-1				
11	0.91665	MODAL	Mode	5	1.839E-07	1.500E-05	3.000E-01	11-1				
11	1.37498	MODAL	Mode	5	1.839E-07	1.500E-05	3.000E-01	11-1				
11	1.8333	MODAL	Mode	5	1.839E-07	1.500E-05	3.000E-01	11-1				
11	0	MODAL	Mode	6	3.342E-06	1.82E-04	-1.748E-03	11-1				
11	0.45833	MODAL	Mode	6	3.342E-06	1.82E-04	-1.748E-03	11-1				
11	0.91665	MODAL	Mode	6	3.342E-06	1.82E-04	-1.748E-03	11-1				
11	1.37498	MODAL	Mode	6	3.342E-06	1.82E-04	-1.748E-03	11-1				
11	1.8333	MODAL	Mode	6	3.342E-06	1.82E-04	-1.748E-03	11-1				
11	0	MODAL	Mode	7	-2.04E-06	5.093E-05	2.674E-04	11-1				
11	0.45833	MODAL	Mode	7	-2.04E-06	5.093E-05	2.674E-04	11-1				
11	0.91665	MODAL	Mode	7	-2.04E-06	5.093E-05	2.674E-04	11-1				
11	1.37498	MODAL	Mode	7	-2.04E-06	5.093E-05	2.674E-04	11-1				
11	1.8333	MODAL	Mode	7	-2.04E-06	5.093E-05	2.674E-04	11-1				
11	0	MODAL	Mode	8	-2.04E-06	5.093E-05	2.674E-04	11-1				
11	0.45833	MODAL	Mode	8	-2.04E-06	5.093E-05	2.674E-04	11-1				
11	0.91665	MODAL	Mode	8	-2.04E-06	5.093E-05	2.674E-04	11-1				
11	1.37498	MODAL	Mode	8	-2.04E-06	5.093E-05	2.674E-04	11-1				
11	1.8333	MODAL	Mode	8	-2.04E-06	5.093E-05	2.674E-04	11-1				
11	0	MODAL	Mode	9	1.839E-07	1.500E-05	3.000E-01	11-1				
11	0.45833	MODAL	Mode	9	1.839E-07	1.500E-05	3.000E-01	11-1				
11	0.91665	MODAL	Mode	9	1.839E-07	1.500E-05	3.000E-01	11-1				
11	1.37498	MODAL	Mode	9	1.839E-07	1.500E-05	3.000E-01	11-1				
11	1.8333	MODAL	Mode	9	1.839E-07	1.500E-05	3.000E-01	11-1				
11	0	MODAL	Mode	10	2.024E-04	-0.001E-04	2.653E-03	11-1				
11	0.45833	MODAL	Mode	10	2.024E-04	-0.001E-04	2.653E-03	11-1				
11	0.91665	MODAL	Mode	10	2.024E-04	-0.001E-04	2.653E-03	11-1				
11	1.37498	MODAL	Mode	10	2.024E-04	-0.001E-04	2.653E-03	11-1				
11	1.8333	MODAL	Mode	10	2.024E-04	-0.001E-04	2.653E-03	11-1				
11	0	MODAL	Mode	11	-3.224E-01	-1.128E-03	8.001E-04	11-1				
11	0.45833	MODAL	Mode	11	-3.224E-01	-1.128E-03	8.001E-04	11-1				
11	0.91665	MODAL	Mode	11	-3.224E-01	-1.128E-03	8.001E-04	11-1				
11	1.37498	MODAL	Mode	11	-3.224E-01	-1.128E-03	8.001E-04	11-1				
11	1.8333	MODAL	Mode	11	-3.224E-01	-1.128E-03	8.001E-04	11-1				

Table: Element Forces - Frames, Part 2 of 3												
Frame	Station	OutputCase	StepType	StepNum	T	FX	FY	FZ	MX	MY	MZ	PrmslElim
	10					KN-m	KN-m	KN-m				
11	1.37312	MODAL	Mode	11	-3.224E-01	-1.201E-03	8.001E-04	4.585E-05	11-1			
11	1.8335	MODAL	Mode	11	-3.224E-01	-1.2020E-14		-2.400E-04	11-1			
11	0	MODAL	Mode	12	-7.313E-06	0.0023	2.2591E-971	11-1				
11	0.45937	MODAL	Mode	12	-7.378E-06	0.0015	6.655E-799	11-1				
11	0.81675	MODAL	Mode	12	-7.278E-06	5.231E-04	-5.550E-1175	11-1				
11	1.37512	MODAL	Mode	12	-7.278E-06	-2.226E-04	-3E138E-0248	11-1				
11	1.8335	MODAL	Mode	12	-7.278E-06	-0.0011	-41281.9321	11-1				
11	0	LIVE			0	0	73.2978	11-1				
11	0.45937	LIVE			0	0	185.5195	11-1				
11	0.81675	LIVE			0	0	314.4562	11-1				
11	1.37512	LIVE			0	0	403.4659	11-1				
11	1.8335	LIVE			0	0	516.5148	11-1				
11	0	DCON1			0	0	394.5738	11-1				
11	0.45937	DCON1			0	0	860.5196	11-1				
11	0.81675	DCON1			0	0	1494.2032	11-1				
11	1.37512	DCON1			0	0	1994.4775	11-1				
11	1.8335	DCON1			0	0	2491.9629	11-1				
11	0	DCON2			0	0	500.0232	11-1				
11	0.45937	DCON2			0	0	1238.9478	11-1				
11	0.81675	DCON2			0	0	1935.8125	11-1				
11	1.37512	DCON2			0	0	2498.6112	11-1				
11	1.8335	DCON2			0	0	3234.3846	11-1				
12	0	DEAD			0	0	1823.4273	12-1				
12	0.45933	DEAD			0	0	1477.3395	12-1				
12	0.81665	DEAD			0	0	1106.583	12-1				
12	1.37498	DEAD			0	0	711.8686	12-1				
12	1.8333	DEAD			0	0	592.3171	12-1				
12	0	MODAL	Mode	1	2.092E-5298	736.8155	6.193E-07	12-1				
12	0.45933	MODAL	Mode	1	2.092E-5298	449.589	1.809E-06	12-1				
12	0.81665	MODAL	Mode	1	2.092E-5298	282.2584	2.839E-06	12-1				
12	1.37498	MODAL	Mode	1	2.092E-5298	-0.5527	3.689E-06	12-1				
12	1.8333	MODAL	Mode	1	2.092E-5298	-252.3737	4.576E-06	12-1				
12	0	MODAL	Mode	2	6108.9556	-9004.4373	9.539E-05	12-1				
12	0.45933	MODAL	Mode	2	6108.9556	-5985.3754	-1.949E-05	12-1				
12	0.81635	MODAL	Mode	2	6108.9556	-1872.3153	-1.294E-04	12-1				
12	1.37498	MODAL	Mode	2	6108.9556	-556.2957	-2.432E-04	12-1				
12	1.8333	MODAL	Mode	2	6108.9556	-459.2042	-7.551E-04	12-1				
12	0	MODAL	Mode	3	1.201E-06	-4.699E-04	-0.4734	12-1				
12	0.45933	MODAL	Mode	3	1.201E-06	-6.831E-04	-6240.5805	12-1				
12	0.81665	MODAL	Mode	3	1.201E-06	-7.952E-04	-5197.1150	12-1				
12	1.37498	MODAL	Mode	3	1.201E-06	-8.571E-05	-4153.124	12-1				
12	1.8333	MODAL	Mode	3	1.201E-06	-0.0011	-3110.2895	12-1				
12	0	MODAL	Mode	4	8.825E-03	-2.58E-06	8778.5785	12-1				
12	0.45933	MODAL	Mode	4	8.825E-03	-2.308E-06	8458.7635	12-1				
12	0.81665	MODAL	Mode	4	8.825E-03	-1.707E-06	6837.3164	12-1				
12	1.37498	MODAL	Mode	4	8.825E-03	-1.281E-06	4877.2783	12-1				
12	1.8333	MODAL	Mode	4	8.825E-03	-5.571E-06	398.4384	12-1				
12	0	MODAL	Mode	5	-8.333E-07	1.490E-05	-3901.8197	12-1				
12	0.45933	MODAL	Mode	5	-8.333E-07	1.197E-05	-3885.303	12-1				
12	0.81665	MODAL	Mode	5	-8.333E-07	1.79E-05	-3773.9993	12-1				
12	1.37498	MODAL	Mode	5	-8.333E-07	1.839E-05	-3702.6938	12-1				
12	1.8333	MODAL	Mode	5	-8.333E-07	1.989E-05	-3635.705	12-1				
12	0	MODAL	Mode	6	4.201E-07	-6.146E-06	27993.0545	12-1				
12	0.45933	MODAL	Mode	6	4.201E-07	-3.049E-05	-2533.1883	12-1				

Frame	Station	OutputCase	StepType	StepNum	K-M	Y	Mx	Mz	K-M	Y	Mx	Mz	PrinStress
13	0.45833	MODAL	Mode	1	1238.8243	-410.3	1.311E-08	13-1					
13	0.81665	MODAL	Mode	1	1238.8243	-688.8214	-1.398E-06	13-1					
13	1.37498	MOD/L	Mode	1	1238.8243	-727.5828	-6.288E-06	13-1					
13	1.8333	MOD/L	Mode	1	1238.8243	-888.2441	-6.032E-06	13-1					
13	0	MODAL	Mode	2	8200.508	645.8833	-3.878E-04	13-1					
13	0.45833	MODAL	Mode	2	8200.508	1641.4866	-2.037E-04	13-1					
13	0.81665	MODAL	Mode	2	8200.508	2437.0746	-4.892E-05	13-1					
13	1.37498	MODAL	Mode	2	8200.508	3332.6805	1.947E-04	13-1					
13	1.8333	MODAL	Mode	2	8200.508	4228.2166	2.139E-04	13-1					
13	0	MODAL	Mode	3	1.173E-05	-0.0011	-2834.4084	13-1					
13	0.45833	MODAL	Mode	3	1.173E-05	-7.057E-04	-327.6519	13-1					
13	0.81665	MODAL	Mode	3	1.177E-05	-2.610E-04	-1128.8853	13-1					
13	1.37498	MODAL	Mode	3	1.173E-05	1.239E-04	-214.1138	13-1					
13	1.8333	MODAL	Mode	3	1.173E-05	5.479E-04	832.6176	13-1					
13	0	MODAL	Mode	4	8.862E-08	-8.844E-07	1083.2377	13-1					
13	0.45833	MODAL	Mode	4	8.862E-08	1.292E-08	-1.616E-04	13-1					
13	0.81665	MODAL	Mode	4	8.852E-08	3.262E-08	-1.117.1705	13-1					
13	1.37498	MODAL	Mode	4	8.852E-08	5.213E-08	-8217.7248	13-1					
13	1.8333	MODAL	Mode	4	8.852E-08	7.173E-08	-3018.2278	13-1					
13	0	MODAL	Mode	5	-3.258E-07	1.088E-05	-35.4.9448	13-1					
13	0.45833	MODAL	Mode	5	-3.258E-07	9.771E-05	-3687.7114	13-1					
13	0.81665	MODAL	Mode	5	-3.258E-07	-1.443E-07	-3551.378	13-1					
13	1.37498	MODAL	Mode	5	-3.258E-07	-1.005E-05	-3415.0413	13-1					
13	1.8333	MODAL	Mode	5	-3.258E-07	-1.595E-05	-3276.7112	13-1					
13	0	MODAL	Mode	8	4.822E-07	2.761E-05	-1791.8578	13-1					
13	0.45833	MODAL	Mode	8	4.822E-07	3.728E-05	-1540.5318	13-1					
13	0.81665	MODAL	Mode	8	4.822E-07	4.687E-05	-131.2.9452	13-1					
13	1.37498	MODAL	Mode	8	4.822E-07	5.659E-05	-11093.6.82	13-1					
13	1.8333	MOD/L	Mode	8	4.822E-07	6.61E-05	-8820.2328	13-1					
13	0	MODAL	Mode	7	1952.4185	5107.8933	1.653E-04	13-1					
13	0.45833	MODAL	Mode	7	1952.4185	5230.2685	1.481E-04	13-1					
13	0.81665	MODAL	Mode	7	1952.4185	5352.7237	1.312E-04	13-1					
13	1.37498	MODAL	Mode	7	1952.4185	5475.1889	7.772E-05	13-1					
13	1.8333	MODAL	Mode	7	1952.4185	5597.6561	4.188E-05	13-1					
13	0	MODAL	Mode	8	-8512.1863	-8412.6735	1.142E-04	13-1					
13	0.45833	MODAL	Mode	8	-8512.1863	-85271.8165	-1.189E-06	13-1					
13	0.81665	MODAL	Mode	8	-8512.1863	-41150.8C75	-1.284E-04	13-1					
13	1.37498	MODAL	Mode	8	-8512.1863	-41930.0087	-2.488E-04	13-1					
13	1.8333	MODAL	Mode	8	-8512.1863	-31340.0637	-3.871E-04	13-1					
13	0	MODAL	Mode	9	-8512.4735	-785.1038	0.0017	13-1					
13	0.45833	MODAL	Mode	9	18161.4735	1871.3758	0.0013	13-1					
13	0.81665	MODAL	Mode	9	18162.4735	3827.8513	8.159E-04	13-1					
13	1.37498	MODAL	Mode	9	18162.4735	8234.3383	3.688E-04	13-1					
13	1.8333	MODAL	Mode	9	18172.4735	1340.819	-8.283E-06	13-1					
13	0	MODAL	Mode	10	-1.827E-04	0.0187	-85735.7812	13-1					
13	0.45833	MODAL	Mode	10	-1.827E-04	0.0121	-20800.7172	13-1					
13	0.81665	MODAL	Mode	10	-1.827E-04	0.0078	-16858.5832	13-1					
13	1.37498	MODAL	Mode	10	-1.827E-04	0.003	-10938.2392	13-1					
13	1.8333	MODAL	Mode	10	-1.827E-04	-0.0015	-6996.5932	13-1					
13	0	MODAL	Mode	11	31416.8024	-120271.048	-2.858E-04	13-1					
13	0.45833	MODAL	Mode	11	31416.8024	-114738.087	-8.862E-05	13-1					
13	0.81665	MODAL	Mode	11	31416.8024	-109375.066	1.238E-05	13-1					
13	1.37498	MODAL	Mode	11	31416.8024	-102127.074	1.213E-04	13-1					
13	1.8333	MOD/L	Mode	11	31416.8024	-98478.0821	2.305E-04	13-1					

Frame	Station	OutputCase	StepType	StepNum	K-M	Y	Mx	Mz	K-M	Y	Mx	Mz	PrinStress
13	0	MODAL	Mode	12	2.893E-05	-0.0024	-3126.8861	13-1					
13	0.45833	MOD/L	Mode	12	2.893E-05	-0.0013	-31785.8963	13-1					
13	0.81665	MODAL	Mode	12	2.893E-05	-1.832E-04	-42725.1079	13-1					
13	1.37498	MODAL	Mode	12	2.893E-05	8.928E-04	-33661.3192	13-1					
13	1.8333	MODAL	Mode	12	2.893E-05	0.0002	-44307.5306	13-1					
13	0	LIVE	0	0	0	0	158.22	13-1					
13	0.45833	LIVE	0	0	0	0	86.0432	13-1					
13	0.81665	LIVE	0	0	0	0	47.8558	13-1					
13	1.37498	LIVE	0	0	0	0	-3.3316	13-1					
13	1.8333	LIVE	0	0	0	0	-54.519	13-1					
13	0	DCL41	0	0	0	0	421.8923	13-1					
13	0.45833	DCON1	0	0	0	0	158.22	13-1					
13	0.81665	DCON1	0	0	0	0	-136.4743	13-1					
13	1.37498	DCON1	0	0	0	0	-466.2206	13-1					
13	1.8333	DCON1	0	0	0	0	-827.0185	13-1					
13	0	DCON2	0	0	0	0	847.2082	13-1					
13	0.45833	DCON2	0	0	0	0	307.7846	13-1					
13	0.81665	DCON2	0	0	0	0	-64.6966	13-1					
13	1.37498	DCON2	0	0	0	0	-470.2111	13-1					
13	1.8333	DCON2	0	0	0	0	-406.7077	13-1					
13	0	DE/D	0	0	0	0	-584.663	14-1					
13	0.45833	DEAD	0	0	0	0	-656.8285	14-1					
13	0.81665	DEAD	0	0	0	0	-741.8773	14-1					
13	1.37498	DEAD	0	0	0	0	-851.9089	14-1					
13	1.8333	DEAD	0	0	0	0	-888.8238	14-1					
13	0	MODAL	Mode	1	405.9032	-877.2903	-8.602E-08	14-1					
13	0.45833	MODAL	Mode	1	405.9032	-877.2909	-6.548E-08	14-1					
13	0.81665	MODAL	Mode	1	405.9032	-1028.8885	-3.01E-05	14-1					
13	1.37498	MODAL	Mode	1	405.9032	-1069.3891	-3.388E-07	14-1					
13	1.8333	MODAL	Mode	1	405.9032	-1170.8917	2.416E-06	14-1					
13	0	MODAL	Mode	2	6384.8981	4422.1467	5.651E-04	14-1					
13	0.45833	MODAL	Mode	2	6384.8981	8075.4286	2.738E-04	14-1					
13	0.81665	MODAL	Mode	2	6384.8981	8728.7103	2.585E-04	14-1					
13	1.37498	MODAL	Mode	2	6384.8981	9381.9921	3.112E-04	14-1					
13	1.8333	MODAL	Mode	2	6384.8981	7035.2729	3.298E-04	14-1					
13	0	MODAL	Mode	3	1.162E-06	5.454E-04	847.8304	14-1					
13	0.45833	MODAL	Mode	3	1.162E-06	7.380E-04	1517.5826	14-1					
13	0.81665	MODAL	Mode	3	1.162E-06	9.305E-04	2187.3348	14-1					
13	1.37498	MODAL	Mode	3	1.162E-06	0.0011	2887.0872	14-1					
13	1.8333	MOD/L	Mode	3	1.162E-06	0.0013	3526.8394	14-1					
13	0	MODAL	Mode	4	9.212E-08	7.172E-08	-3263.3853	14-1					
13	0.45833	MODAL	Mode	4	9.212E-08	1.022E-05	-3678.2581	14-1					
13	0.81665	MODAL	Mode	4	9.212E-08	1.324E-05	-4105.1323	14-1					
13	1.37498	MODAL	Mode	4	9.212E-08	1.133E-05	-4631.0158	14-1					
13	1.8333	MODAL	Mode	4	9.212E-08	1.303E-05	-4868.895	14-1					
13	0	MODAL	Mode	5	-3.228E-07	-1.584E-05	-3631.5639	14-1					
13	0.45833	MODAL	Mode	5	-3.228E-07	-2.301E-05	-3224.2707	14-1					
13	0.81665	MODAL	Mode	5	-3.228E-07	-2.609E-05	-2816.9375	14-1					
13	1.37498	MODAL	Mode	5	-3.228E-07	-2.918E-05	-2305.1043	14-1					
13	1.8333	MODAL	Mode	5	-3.228E-07	-3.223E-05	-2301.521	14-1					
13	0	MODAL	Mode	6	8.112E-07	6.630E-05	-8463.5411	14-1					
13	0.45833	MODAL	Mode	6	8.112E-07	8.511E-05	-7428.0314	14-1					
13	0.81665	MODAL	Mode	6	8.112E-07	1.118E-04	-6372.9217	14-1					
13	1.37498	MODAL	Mode	6	8.112E-07	1.345E-04	-5331.012	14-1					

Frame	Station	OutputCase
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Frame	Station	OutputCase	StepType	StepNum	KN-m	KN-m	KN-m	KN-m	FrameElem
15	0.16165	MODAL	Mode	12	2.845E-05	0.0021	-48003.8621	15-1	
15	1.37498	MODAL	Mode	12	2.845E-05	0.0021	-48003.8621	15-1	
15	1.8333	MODAL	Mode	12	2.845E-05	0.0028	-41187.081	15-1	
15	0	LINE		0	0	0	-127.5181	15-1	
15	0.45833	LIVE		0	0	0	-127.8000	15-1	
15	0.91665	LIVE		0	0	0	-128.1026	15-1	
15	1.37498	LIVE		0	0	0	-128.3447	15-1	
15	1.8333	LIVE		0	0	0	-128.5869	15-1	
15	0	DCON1		0	0	0	-1307.5858	15-1	
15	0.45833	DCON1		0	0	0	-1243.0572	15-1	
15	0.91665	DCON1		0	0	0	-1192.5797	15-1	
15	1.37498	DCON1		0	0	0	-1175.1543	15-1	
15	1.8333	DCON1		0	0	0	-1160.7709	15-1	
15	0	DCON2		0	0	0	-1519.0111	15-1	
15	0.45833	DCON2		0	0	0	-1434.8471	15-1	
15	0.91665	DCON2		0	0	0	-1384.7335	15-1	
15	1.37498	DCON2		0	0	0	-1387.8714	15-1	
15	1.8333	DCON2		0	0	0	-1383.8513	15-1	
15	0	DEAD		0	0	0	-404.8638	15-1	
15	0.45833	DEAD		0	0	0	-206.7923	15-1	
15	0.91665	DEAD		0	0	0	-401.4588	15-1	
15	1.37498	DEAD		0	0	0	-206.0165	15-1	
15	1.8333	DEAD		0	0	0	-206.0165	15-1	
15	0	MODAL	Mode	1	-1295.2972	-1109.1484	9.919E-08	15-1	
15	0.45833	MODAL	Mode	1	-1295.2972	-992.2496	4.432E-08	15-1	
15	0.91665	MODAL	Mode	1	-1295.2972	-878.4158	-5.738E-07	15-1	
15	1.37498	MODAL	Mode	1	-1295.2972	-784.545	-5.200E-06	15-1	
15	1.8333	MODAL	Mode	1	-1273.2972	-680.8772	-1.195E-06	15-1	
15	0	MODAL	Mode	2	7045.2757	8002.3773	-1.304E-04	15-1	
15	0.45833	MODAL	Mode	2	7045.2757	8300.5314	-1.780E-04	15-1	
15	0.91665	MODAL	Mode	2	7045.2757	8118.6849	-2.195E-04	15-1	
15	1.37498	MODAL	Mode	2	7045.2757	7975.8394	-2.610E-04	15-1	
15	1.8333	MODAL	Mode	2	7045.2757	7634.9919	-3.023E-04	15-1	
15	0	MODAL	Mode	3	1.193E-05	-5.662E-04	5296.3041	15-1	
15	0.45833	MODAL	Mode	3	1.193E-05	-6.143E-04	5125.8513	15-1	
15	0.91665	MODAL	Mode	3	1.193E-05	-6.0011	4894.9385	15-1	
15	1.37498	MODAL	Mode	3	1.193E-05	-6.0073	4764.2257	15-1	
15	1.8333	MODAL	Mode	3	1.193E-05	-6.124E-03	-585.4723	15-1	
15	0	MODAL	Mode	4	1.038E-07	-1.372E-05	-4130.8506	15-1	
15	0.45833	MODAL	Mode	4	1.038E-07	-2.828E-05	-3211.8688	15-1	
15	0.91665	MODAL	Mode	4	1.038E-07	-1.884E-05	-2282.5803	15-1	
15	1.37498	MODAL	Mode	4	1.038E-07	-7.400E-06	-1379.5951	15-1	
15	1.8333	MODAL	Mode	4	1.038E-07	2.041E-06	-484.7098	15-1	
15	0	MODAL	Mode	5	-3.318E-07	3.124E-05	-585.4723	15-1	
15	0.45833	MODAL	Mode	5	-3.318E-07	3.065E-05	548.2201	15-1	
15	0.91665	MODAL	Mode	5	-3.318E-07	2.868E-05	1806.9125	15-1	
15	1.37498	MODAL	Mode	5	-3.318E-07	2.817E-05	2884.8048	15-1	
15	1.8333	MODAL	Mode	5	-3.318E-07	2.848E-05	3722.2973	15-1	
15	0	MODAL	Mode	6	6.330E-07	-3.719E-04	9228.6880	15-1	
15	0.45833	MODAL	Mode	6	6.330E-07	-2.581E-04	7320.3831	15-1	
15	0.91665	MODAL	Mode	6	6.330E-07	-1.435E-04	9416.2372	15-1	
15	1.37498	MODAL	Mode	6	6.330E-07	-2.228E-05	11.065214	15-1	
15	1.8333	MODAL	Mode	6	6.330E-07	8.095E-06	13005.8056	15-1	
15	0	MODAL	Mode	7	-875.8555	4549.738	1.887E-04	15-1	

Frame	Station	OutputCase	StepType	StepNum	KN-m	KN-m	KN-m	KN-m	FrameElem
16	0.45833	MODAL	Mode	7	-875.8955	4120.8785	1.294E-04	16-1	
16	0.91665	MODAL	Mode	7	-875.8955	3890.4189	9.008E-05	16-1	
16	1.37498	MODAL	Mode	7	-875.8955	3270.7394	4.077E-05	16-1	
16	1.8333	MODAL	Mode	7	-875.8955	2851.9898	-5.261E-05	16-1	
16	0	MODAL	Mode	8	-8771.8395	-24070.7917	2.891E-04	16-1	
16	0.45833	MODAL	Mode	8	-8771.8395	-21058.8348	1.258E-04	16-1	
16	0.91665	MODAL	Mode	8	-8771.8395	-19833.4759	-4.046E-05	16-1	
16	1.37498	MODAL	Mode	8	-8771.8395	-17710.817	-2.067E-04	16-1	
16	1.8333	MODAL	Mode	8	-8771.8395	-15987.1581	-3.790E-04	16-1	
16	0	MODAL	Mode	9	20638.9589	15743.2887	0.0030	16-1	
16	0.45833	MODAL	Mode	9	20638.9589	14820.7921	0.0030	16-1	
16	0.91665	MODAL	Mode	9	20638.9589	13895.3075	5.837E-04	16-1	
16	1.37498	MODAL	Mode	9	20638.9589	12876.8288	-4.760E-04	16-1	
16	1.8333	MODAL	Mode	9	20638.9589	11863.3462	-0.0010	16-1	
16	0	MODAL	Mode	10	-1.828E-04	-0.0028	24488.3244	16-1	
16	0.45833	MODAL	Mode	10	-1.828E-04	0.0051	26355.314	16-1	
16	0.91665	MODAL	Mode	10	-1.828E-04	0.0132	27312.3037	16-1	
16	1.37498	MODAL	Mode	10	-1.828E-04	0.0212	30011.2833	16-1	
16	1.8333	MODAL	Mode	10	-1.828E-04	0.0283	31926.283	16-1	
16	0	MODAL	Mode	11	31738.7059	-20384.0505	6.251E-04	16-1	
16	0.45833	MODAL	Mode	11	31738.7059	-18725.4142	5.160E-04	16-1	
16	0.91665	MODAL	Mode	11	31738.7059	-16984.7778	1.670E-04	16-1	
16	1.37498	MODAL	Mode	11	31738.7059	-14981.8338	-0.0010	16-1	
16	1.8333	MODAL	Mode	11	31738.7059	-12804.949	-7.111E-04	16-1	
16	0	MODAL	Mode	12	2.728E-05	0.0028	-4233.0862	16-1	
16	0.45833	MODAL	Mode	12	2.728E-05	6.310E-04	-20094.1948	16-1	
16	0.91665	MODAL	Mode	12	2.728E-05	-0.0017	-13565.3234	16-1	
16	1.37498	MODAL	Mode	12	2.728E-05	-0.004	-161.9473	16-1	
16	1.8333	MODAL	Mode	12	2.728E-05	-0.0082	15492.1103	16-1	
16	0	LINE		0	0	0	-123.8112	16-1	
16	0.45833	LIVE		0	0	0	-107.0494	16-1	
16	0.91665	LIVE		0	0	0	-90.2767	16-1	
16	1.37498	LIVE		0	0	0	-73.9079	16-1	
16	1.8333	LIVE		0	0	0	-60.7408	16-1	
16	0	DCON1		0	0	0	-1207.5233	16-1	
16	0.45833	DCON1		0	0	0	-852.8158	16-1	
16	0.91665	DCON1		0	0	0	-730.8584	16-1	
16	1.37498	DCON1		0	0	0	-541.8993	16-1	
16	1.8333	DCON1		0	0	0	-406.1223	16-1	
16	0	DCON2		0	0	0	-1283.3395	16-1	
16	0.45833	DCON2		0	0	0	-852.8158	16-1	
16	0.91665	DCON2		0	0	0	-656.2719	16-1	
16	1.37498	DCON2		0	0	0	-471.2326	16-1	
16	1.8333	DCON2		0	0	0	-308.324	16-1	
16	0	DEAD		0	0	0	23.4088	17-1	
16	0.45833	DEAD		0	0	0	331.2468	17-1	
16	0.91665	DEAD		0	0	0	614.6023	17-1	
16	1.37498	DEAD		0	0	0	873.4677	17-1	
16	1.8333	DEAD		0	0	0	-1.8161E-05	17-1	
16	0	MODAL	Mode	1	-2109.3889	-561.432	-1.8161E-05	17-1	
16	0.45833	MODAL	Mode	1	-2109.3889	-441.5608	-7.933E-06	17-1	
16	0.91665	MODAL	Mode	1	-2109.3889	-327.8559	-4.250E-06	17-1	
16	1.37498	MODAL	Mode	1	-2109.3889	-219.8505	-5.840E-07	17-1	
16	1.8333	MODAL	Mode	1	-2109.3889	-205.7582	3.880E-08	17-1	

Frame	Station	OutputCase	StepType	StepNum	KN-m	KN-m	KN-m	KN-m	FrameElem
17	0.45833	MODAL	Mode	2	7830.3616	7891.1723	-3.031E-04	17-1	
17	0.91665	MODAL	Mode	2	7830.3616	9858.4988	-1.891E-04	17-1	
17	1.37512	MODAL	Mode	2	7830.3616	6038.8208	-3.214E-05	17-1	
17	1.8335	MODAL	Mode	2	7830.3616	5106.145	2.690E-06	17-1	
17	0	MODAL	Mode	2	7821.8616	4178.4682	1.388E-04	17-1	
17	0.45833	MODAL	Mode	3	1.239E-05	-0.0018	4981.0302	17-1	
17	0.91665	MODAL	Mode	3	1.239E-05	-0.0011	4106.0282	17-1	
17	1.37512	MODAL	Mode	3	1.239E-05	-7.947E-04	3291.0221	17-1	
17	1.8335	MODAL	Mode	3	1.239E-05	-3.222E-04	2356.016	17-1	
17	0	MODAL	Mode	3	1.235E-05	8.041E-05	1481.014	17-1	
17	0.45833	MODAL	Mode	4	1.115E-07	2.002E-06	-690.7828	17-1	
17	0.91665	MODAL	Mode	4	1.115E-07	1.718E-06	1077.8154	17-1	
17	1.37512	MODAL	Mode	4	1.115E-07	1.428E-06	2748.4223	17-1	
17	1.8335	MODAL	Mode	4	1.115E-07	1.143E-06	4415.9315	17-1	
17	0	MODAL	Mode	4	1.115E-07	8.227E-07	9083.673	17-1	
17	0.45833	MODAL	Mode	5	-3.438E-07	2.853E-05	3410.3322	17-1	
17	0.91665	MODAL	Mode	5	-3.438E-07	2.083E-05	8077.1659	17-1	
17	1.37512	MODAL	Mode	5	-3.438E-07	1.313E-05	8794.9795	17-1	
17	1.8335	MODAL	Mode	5	-3.438E-07	5.437E-05	8382.7032	17-1	
17	0	MODAL	Mode	5	-3.438E-07	-2.202E-06	10050.2898	17-1	
17	0.45833	MODAL	Mode	6	7.077E-07	6.094E-05	13049.288	17-1	
17	0.91665	MODAL	Mode	6	7.077E-07	6.169E-05	15353.082	17-1	</

Frame	Station	Output Case	Step Type	Step Num	Frame Num	Element Num
1	2,05497	MODAL	Mode	10	1-1	2,05497
1	4,10994	MODAL	Mode	10	1-1	4,10994
1	0	MODAL	Mode	11	1-1	0
1	2,05497	MODAL	Mode	11	1-1	2,05497
1	4,10994	MODAL	Mode	11	1-1	4,10994
1	0	MODAL	Mode	12	1-1	0
1	2,05497	MODAL	Mode	12	1-1	2,05497
1	4,10994	MODAL	Mode	12	1-1	4,10994
1	0	LIVE		1-1		0
1	2,05497	LIVE		1-1		2,05497
1	4,10994	LIVE		1-1		4,10994
1	0	DCON1		1-1		0
1	2,05497	DCON1		1-1		2,05497
1	4,10994	DCON1		1-1		4,10994
1	0	DCON2		1-1		0
1	2,05497	DCON2		1-1		2,05497
1	4,10994	DCON2		1-1		4,10994
2	0	DEAD		2-1		0
2	2,05497	DEAD		2-1		2,05497
2	4,10994	DEAD		2-1		4,10994
2	0	MODAL	Mode	1	2-1	0
2	2,05497	MODAL	Mode	1	2-1	2,05497
2	4,10994	MODAL	Mode	1	2-1	4,10994
2	0	MODAL	Mode	2	2-1	0
2	2,05497	MODAL	Mode	2	2-1	2,05497
2	4,10994	MODAL	Mode	2	2-1	4,10994
2	0	MODAL	Mode	3	2-1	0
2	2,05497	MODAL	Mode	3	2-1	2,05497
2	4,10994	MODAL	Mode	3	2-1	4,10994
2	0	MODAL	Mode	4	2-1	0
2	2,05497	MODAL	Mode	4	2-1	2,05497
2	4,10994	MODAL	Mode	4	2-1	4,10994
2	0	MODAL	Mode	5	2-1	0
2	2,05497	MODAL	Mode	5	2-1	2,05497
2	4,10994	MODAL	Mode	5	2-1	4,10994
2	0	MODAL	Mode	6	2-1	0
2	2,05497	MODAL	Mode	6	2-1	2,05497
2	4,10994	MODAL	Mode	6	2-1	4,10994
2	0	MODAL	Mode	7	2-1	0
2	2,05497	MODAL	Mode	7	2-1	2,05497
2	4,10994	MODAL	Mode	7	2-1	4,10994
2	0	MODAL	Mode	8	2-1	0
2	2,05497	MODAL	Mode	8	2-1	2,05497
2	4,10994	MODAL	Mode	8	2-1	4,10994
2	0	MODAL	Mode	9	2-1	0
2	2,05497	MODAL	Mode	9	2-1	2,05497
2	4,10994	MODAL	Mode	9	2-1	4,10994
2	0	MODAL	Mode	10	2-1	0
2	2,05497	MODAL	Mode	10	2-1	2,05497
2	4,10994	MODAL	Mode	10	2-1	4,10994
2	0	MODAL	Mode	11	2-1	0
2	2,05497	MODAL	Mode	11	2-1	2,05497
2	4,10994	MODAL	Mode	11	2-1	4,10994
2	0	MODAL	Mode	12	2-1	0

Frame	Station	Output Case	Step Type	Step Num	Frame Num	Element Num
2	2,05497	MODAL	Mode	12	2-1	2,05497
2	4,10994	MODAL	Mode	12	2-1	4,10994
2	0	LIVE		2-1		0
2	2,05497	LIVE		2-1		2,05497
2	4,10994	LIVE		2-1		4,10994
2	0	DCON1		2-1		0
2	2,05497	DCON1		2-1		2,05497
2	4,10994	DCON1		2-1		4,10994
2	0	DCON2		2-1		0
2	2,05497	DCON2		2-1		2,05497
2	4,10994	DCON2		2-1		4,10994
2	0	DEAD		3-1		0
2	2,05497	DEAD		3-1		2,05497
2	4,10994	DEAD		3-1		4,10994
2	0	MODAL	Mode	1	3-1	0
2	2,05497	MODAL	Mode	1	3-1	2,05497
2	4,10994	MODAL	Mode	1	3-1	4,10994
2	0	MODAL	Mode	2	3-1	0
2	2,05497	MODAL	Mode	2	3-1	2,05497
2	4,10994	MODAL	Mode	2	3-1	4,10994
2	0	MODAL	Mode	3	3-1	0
2	2,05497	MODAL	Mode	3	3-1	2,05497
2	4,10994	MODAL	Mode	3	3-1	4,10994
2	0	MODAL	Mode	4	3-1	0
2	2,05497	MODAL	Mode	4	3-1	2,05497
2	4,10994	MODAL	Mode	4	3-1	4,10994
2	0	MODAL	Mode	5	3-1	0
2	2,05497	MODAL	Mode	5	3-1	2,05497
2	4,10994	MODAL	Mode	5	3-1	4,10994
2	0	MODAL	Mode	6	3-1	0
2	2,05497	MODAL	Mode	6	3-1	2,05497
2	4,10994	MODAL	Mode	6	3-1	4,10994
2	0	MODAL	Mode	7	3-1	0
2	2,05497	MODAL	Mode	7	3-1	2,05497
2	4,10994	MODAL	Mode	7	3-1	4,10994
2	0	MODAL	Mode	8	3-1	0
2	2,05497	MODAL	Mode	8	3-1	2,05497
2	4,10994	MODAL	Mode	8	3-1	4,10994
2	0	MODAL	Mode	9	3-1	0
2	2,05497	MODAL	Mode	9	3-1	2,05497
2	4,10994	MODAL	Mode	9	3-1	4,10994
2	0	MODAL	Mode	10	3-1	0
2	2,05497	MODAL	Mode	10	3-1	2,05497
2	4,10994	MODAL	Mode	10	3-1	4,10994
2	0	MODAL	Mode	11	3-1	0
2	2,05497	MODAL	Mode	11	3-1	2,05497
2	4,10994	MODAL	Mode	11	3-1	4,10994
2	0	MODAL	Mode	12	3-1	0
2	2,05497	MODAL	Mode	12	3-1	2,05497
2	4,10994	MODAL	Mode	12	3-1	4,10994
2	0	LIVE		3-1		0
2	2,05497	LIVE		3-1		2,05497
2	4,10994	LIVE		3-1		4,10994
2	0	DCON1		3-1		0

Frame	Station	Output Case	Step Type	Step Num	Frame Num	Element Num
3	2,05497	DCON1		3-1		2,05497
3	4,10994	DCON1		3-1		4,10994
3	0	DCON2		3-1		0
3	2,05497	DCON2		3-1		2,05497
3	4,10994	DCON2		3-1		4,10994
4	0	DEAD		4-1		0
4	0,5	DEAD		4-1		0,5
4	1	DEAD		4-1		1
4	1,5	DEAD		4-1		1,5
4	2	DEAD		4-1		2
4	2,5	DEAD		4-1		2,5
4	3	DEAD		4-1		3
4	3,5	DEAD		4-1		3,5
4	4	DEAD		4-1		4
4	4,5	DEAD		4-1		4,5
4	5	DEAD		4-1		5
4	5,5	DEAD		4-1		5,5
4	6	DEAD		4-1		6
4	6,5	DEAD		4-1		6,5
4	7	DEAD		4-1		7
4	7,5	DEAD		4-1		7,5
4	8	DEAD		4-1		8
4	8,5	DEAD		4-1		8,5
4	9	DEAD		4-1		9
4	9,5	DEAD		4-1		9,5
4	10	DEAD		4-1		10
4	10,5	DEAD		4-1		10,5
4	11	DEAD		4-1		11
4	0	MODAL	Mode	1	4-1	0
4	0,5	MODAL	Mode	1	4-1	0,5
4	1	MODAL	Mode	1	4-1	1
4	1,5	MODAL	Mode	1	4-1	1,5
4	2	MODAL	Mode	1	4-1	2
4	2,5	MODAL	Mode	1	4-1	2,5
4	3	MODAL	Mode	1	4-1	3
4	3,5	MODAL	Mode	1	4-1	3,5
4	4	MODAL	Mode	1	4-1	4
4	4,5	MODAL	Mode	1	4-1	4,5
4	5	MODAL	Mode	1	4-1	5
4	5,5	MODAL	Mode	1	4-1	5,5
4	6	MODAL	Mode	1	4-1	6
4	6,5	MODAL	Mode	1	4-1	6,5
4	7	MODAL	Mode	1	4-1	7
4	7,5	MODAL	Mode	1	4-1	7,5
4	8	MODAL	Mode	1	4-1	8
4	8,5	MODAL	Mode	1	4-1	8,5
4	9	MODAL	Mode	1	4-1	9
4	9,5	MODAL	Mode	1	4-1	9,5
4	10	MODAL	Mode	1	4-1	10
4	10,5	MODAL	Mode	1	4-1	10,5
4	11	MODAL	Mode	1	4-1	11
4	0	MODAL	Mode	2	4-1	0
4	0,5	MODAL	Mode	2	4-1	0,5
4	1	MODAL	Mode	2	4-1	1

Frame	Station	Output Case	Step Type	Step Num	Frame Num	Element Num
4	1,5	MODAL	Mode	2	4-1	1,5
4	2	MODAL	Mode	2	4-1	2
4	2,5	MODAL	Mode	2	4-1	2,5
4	3	MODAL	Mode	2	4-1	3
4	3,5	MODAL	Mode	2	4-1	3,5
4	4	MODAL	Mode	2	4-1	4
4	4,5	MODAL	Mode	2	4-1	4,5
4	5	MODAL	Mode	2	4-1	5
4	5,5	MODAL	Mode	2	4-1	5,5
4	6	MODAL	Mode	2	4-1	6
4	6,5	MODAL	Mode	2	4-1	6,5
4	7	MODAL	Mode	2	4-1	7
4	7,5	MODAL	Mode	2	4-1	7,5
4	8	MODAL	Mode	2	4-1	8
4	8,5	MODAL	Mode	2	4-1	8,5
4	9	MODAL	Mode	2	4-1	9
4	9,5	MODAL	Mode	2	4-1	9,5
4	10	MODAL	Mode	2	4-1	10
4	10,5	MODAL	Mode	2	4-1	10,5
4	11	MODAL	Mode	2	4-1	11
4	0	MODAL	Mode	3	4-1	0
4	0,5	MODAL	Mode	3	4-1	0,5
4	1	MODAL	Mode	3	4-1	1
4	1,5	MODAL	Mode	3	4-1	1,5
4	2	MODAL	Mode	3	4-1	2
4	2,5	MODAL	Mode	3	4-1	2,5
4	3	MODAL	Mode	3	4-1	3
4	3,5	MODAL	Mode	3	4-1	3,5
4	4	MODAL	Mode	3	4-1	4
4	4,5	MODAL	Mode	3	4-1	4,5
4	5	MODAL	Mode	3	4-1	5
4	5,5	MODAL	Mode	3	4-1	5,5
4	6	MODAL	Mode	3	4-1	6
4	6,5	MODAL	Mode	3	4-1	6,5
4	7	MODAL	Mode	3	4-1	7
4	7,5	MODAL	Mode	3	4-1	7,5
4	8	MODAL	Mode	3	4-1	8
4	8,5	MODAL	Mode	3	4-1	8,5
4	9	MODAL	Mode	3	4-1	9
4	9,5	MODAL	Mode	3	4-1	9,5
4	10	MODAL	Mode	3	4-1	10
4	10,5	MODAL	Mode	3	4-1	10,5
4	11	MODAL	Mode	3	4-1	11
4	0	MODAL	Mode	4	4-1	0
4	0,5	MODAL	Mode	4	4-1	0,5
4	1	MODAL	Mode	4	4-1	1
4	1,5	MODAL	Mode	4	4-1	1,5
4	2	MODAL	Mode	4	4-1	2
4	2,5	MODAL	Mode	4	4-1	2,5
4	3	MODAL	Mode	4	4-1	3
4	3,5	MODAL	Mode	4	4-1	3,5
4	4	MODAL	Mode	4	4-1	4
4	4,5	MODAL	Mode	4	4-1	4,5

Table: Element Forces - Frames, Part 3 of 3						
Frame	Station	Output Case	Step Type	Stepnum	Print Elem	Element ID
	m					
4	5.5	MODAL	Mode	4	4-1	5.8
4	6	MODAL	Mode	4	4-1	6
4	6.5	MODAL	Mode	4	4-1	6.5
4	7	MODAL	Mode	4	4-1	7
4	7.5	MODAL	Mode	4	4-1	7.5
4	8	MODAL	Mode	4	4-1	8
4	8.5	MODAL	Mode	4	4-1	8.5
4	9	MODAL	Mode	4	4-1	9
4	9.5	MODAL	Mode	4	4-1	9.5
4	10	MODAL	Mode	4	4-1	10
4	10.5	MODAL	Mode	4	4-1	10.5
4	11	MODAL	Mode	4	4-1	11
4	0	MODAL	Mode	6	4-1	0
4	0.5	MODAL	Mode	5	4-1	0.5
4	1	MODAL	Mode	5	4-1	1
4	1.5	MODAL	Mode	5	4-1	1.5
4	2	MODAL	Mode	5	4-1	2
4	2.5	MODAL	Mode	5	4-1	2.5
4	3	MODAL	Mode	5	4-1	3
4	3.5	MODAL	Mode	5	4-1	3.5
4	4	MODAL	Mode	5	4-1	4
4	4.5	MODAL	Mode	5	4-1	4.5
4	5	MODAL	Mode	5	4-1	5
4	5.5	MODAL	Mode	5	4-1	5.5
4	6	MODAL	Mode	5	4-1	6
4	6.5	MODAL	Mode	5	4-1	6.5
4	7	MODAL	Mode	5	4-1	7
4	7.5	MODAL	Mode	5	4-1	7.5
4	8	MODAL	Mode	5	4-1	8
4	8.5	MODAL	Mode	5	4-1	8.5
4	9	MODAL	Mode	6	4-1	9
4	9.5	MODAL	Mode	5	4-1	9.5
4	10	MODAL	Mode	5	4-1	10
4	10.5	MODAL	Mode	5	4-1	10.5
4	11	MODAL	Mode	5	4-1	11
4	0	MODAL	Mode	6	4-1	0
4	0.5	MODAL	Mode	6	4-1	0.5
4	1	MODAL	Mode	6	4-1	1
4	1.5	MODAL	Mode	6	4-1	1.5
4	2	MODAL	Mode	6	4-1	2
4	2.5	MODAL	Mode	6	4-1	2.5
4	3	MODAL	Mode	6	4-1	3
4	3.5	MODAL	Mode	6	4-1	3.5
4	4	MODAL	Mode	6	4-1	4
4	4.5	MODAL	Mode	6	4-1	4.5
4	5	MODAL	Mode	6	4-1	5
4	5.5	MODAL	Mode	6	4-1	5.5
4	6	MODAL	Mode	6	4-1	6
4	6.5	MODAL	Mode	6	4-1	6.5
4	7	MODAL	Mode	6	4-1	7
4	7.5	MODAL	Mode	6	4-1	7.5
4	8	MODAL	Mode	6	4-1	8
4	8.5	MODAL	Mode	6	4-1	8.5
4	9	MODAL	Mode	6	4-1	9

Frame	Station	Output Class	Strip Type	Stephan	Penetration	Band, Notes
4	0.5	MODAL	Mode	8	4-1	8.5
4	10	MODAL	Mode	8	4-1	10
4	10.5	MODAL	Mode	8	4-1	10.5
4	11	MODAL	Mode	8	4-1	11
4	0	MODAL	Mode	7	4-1	0
4	0.5	MODAL	Mode	7	4-1	0.5
4	1	MODAL	Mode	7	4-1	1
4	1.5	MODAL	Mode	7	4-1	1.5
4	2	MODAL	Mode	7	4-1	2
4	2.5	MODAL	Mode	7	4-1	2.5
4	3	MODAL	Mode	7	4-1	3
4	3.5	MODAL	Mode	7	4-1	3.5
4	4	MODAL	Mode	7	4-1	4
4	4.5	MODAL	Mode	7	4-1	4.5
4	5	MODAL	Mode	7	4-1	5
4	5.5	MODAL	Mode	7	4-1	5.5
4	6	MODAL	Mode	7	4-1	6
4	6.5	MODAL	Mode	7	4-1	6.5
4	7	MODAL	Mode	7	4-1	7
4	7.5	MODAL	Mode	7	4-1	7.5
4	8	MODAL	Mode	7	4-1	8
4	8.5	MODAL	Mode	7	4-1	8.5
4	9	MODAL	Mode	7	4-1	9
4	9.5	MODAL	Mode	7	4-1	9.5
4	10	MODAL	Mode	7	4-1	10
4	10.5	MODAL	Mode	7	4-1	10.5
4	11	MODAL	Mode	7	4-1	11
4	0	MODAL	Mode	8	4-1	0
4	0.5	MODAL	Mode	8	4-1	0.5
4	1	MODAL	Mode	8	4-1	1
4	1.5	MODAL	Mode	8	4-1	1.5
4	2	MODAL	Mode	8	4-1	2
4	2.5	MODAL	Mode	8	4-1	2.5
4	3	MODAL	Mode	8	4-1	3
4	3.5	MODAL	Mode	8	4-1	3.5
4	4	MODAL	Mode	8	4-1	4
4	4.5	MODAL	Mode	8	4-1	4.5
4	5	MODAL	Mode	8	4-1	5
4	5.5	MODAL	Mode	8	4-1	5.5
4	6	MODAL	Mode	8	4-1	6
4	6.5	MODAL	Mode	8	4-1	6.5
4	7	MODAL	Mode	8	4-1	7
4	7.5	MODAL	Mode	8	4-1	7.5
4	8	MODAL	Mode	8	4-1	8
4	8.5	MODAL	Mode	8	4-1	8.5
4	9	MODAL	Mode	8	4-1	9
4	9.5	MODAL	Mode	8	4-1	9.5
4	10	MODAL	Mode	8	4-1	10
4	10.5	MODAL	Mode	8	4-1	10.5
4	11	MODAL	Mode	8	4-1	11
4	0	MODAL	Mode	9	4-1	0
4	0.5	MODAL	Mode	9	4-1	0.5
4	1	MODAL	Mode	9	4-1	1
4	1.5	MODAL	Mode	9	4-1	1.5

Table: Element Forces - Frames, Part 3 of 3						
Frame	El:Jab	Output:Case	El:Type	Diagram	Translation	Element:Case
4	1	2	MODAL	Mode	9, -4, -1	2
4	2	5	MODAL	Mode	9, -4, -1	2.5
4	3	3	MODAL	Mode	9, -4, -1	3
4	3.5	MODAL	Mode	9, -4, -1	3.5	4
4	4	MODAL	Mode	9, -4, -1	4	4.5
4	4.5	MODAL	Mode	9, -4, -1	4.5	5
4	5	MODAL	Mode	9, -4, -1	5	5.5
4	5.5	MODAL	Mode	9, -4, -1	5.5	6
4	6	MODAL	Mode	9, -4, -1	6	6.5
4	6.5	MODAL	Mode	9, -4, -1	6.5	7
4	7	MODAL	Mode	9, -4, -1	7	7.5
4	7.5	MODAL	Mode	9, -4, -1	7.5	8
4	8	MODAL	Mode	9, -4, -1	8	8.5
4	8.5	MODAL	Mode	9, -4, -1	8.5	9
4	9	MODAL	Mode	9, -4, -1	9	9.5
4	9.5	MODAL	Mode	9, -4, -1	9.5	10
4	10	MODAL	Mode	9, -4, -1	10	10.5
4	10.5	MODAL	Mode	9, -4, -1	10.5	11
4	11	MODAL	Mode	9, -4, -1	11	11.5
4	0	MODAL	Mode	10, -4, -1	0	0.5
4	0.5	MODAL	Mode	10, -4, -1	0.5	1
4	1	MODAL	Mode	10, -4, -1	1	1.5
4	1.5	MODAL	Mode	10, -4, -1	1.5	2
4	2	MODAL	Mode	10, -4, -1	2	2.5
4	2.5	MODAL	Mode	10, -4, -1	2.5	3
4	3	MODAL	Mode	10, -4, -1	3	3.5
4	3.5	MODAL	Mode	10, -4, -1	3.5	4
4	4	MODAL	Mode	10, -4, -1	4	4.5
4	4.5	MODAL	Mode	10, -4, -1	4.5	5
4	5	MODAL	Mode	10, -4, -1	5	5.5
4	5.5	MODAL	Mode	10, -4, -1	5.5	6
4	6	MODAL	Mode	10, -4, -1	6	6.5
4	6.5	MODAL	Mode	10, -4, -1	6.5	7
4	7	MODAL	Mode	10, -4, -1	7	7.5
4	7.5	MODAL	Mode	10, -4, -1	7.5	8
4	8	MODAL	Mode	10, -4, -1	8	8.5
4	8.5	MODAL	Mode	10, -4, -1	8.5	9
4	9	MODAL	Mode	10, -4, -1	9	9.5
4	9.5	MODAL	Mode	10, -4, -1	9.5	10
4	10	MODAL	Mode	10, -4, -1	10	10.5
4	10.5	MODAL	Mode	10, -4, -1	10.5	11
4	11	MODAL	Mode	10, -4, -1	11	11.5
4	0	MODAL	Mode	11, -4, -1	0	0.5
4	0.5	MODAL	Mode	11, -4, -1	0.5	1
4	1	MODAL	Mode	11, -4, -1	1	1.5
4	1.5	MODAL	Mode	11, -4, -1	1.5	2
4	2	MODAL	Mode	11, -4, -1	2	2.5
4	2.5	MODAL	Mode	11, -4, -1	2.5	3
4	3	MODAL	Mode	11, -4, -1	3	3.5
4	3.5	MODAL	Mode	11, -4, -1	3.5	4
4	4	MODAL	Mode	11, -4, -1	4	4.5
4	4.5	MODAL	Mode	11, -4, -1	4.5	5
4	5	MODAL	Mode	11, -4, -1	5	5.5
4	5.5	MODAL	Mode	11, -4, -1	5.5	6
4	6	MODAL	Mode	11, -4, -1	6	6.5
4	6.5	MODAL	Mode	11, -4, -1	6.5	7
4	7	MODAL	Mode	11, -4, -1	7	7.5
4	7.5	MODAL	Mode	11, -4, -1	7.5	8
4	8	MODAL	Mode	11, -4, -1	8	8.5
4	8.5	MODAL	Mode	11, -4, -1	8.5	9
4	9	MODAL	Mode	11, -4, -1	9	9.5
4	9.5	MODAL	Mode	11, -4, -1	9.5	10
4	10	MODAL	Mode	11, -4, -1	10	10.5
4	10.5	MODAL	Mode	11, -4, -1	10.5	11
4	11	MODAL	Mode	11, -4, -1	11	11.5
4	0	MODAL	Mode	12, -4, -1	0	0.5
4	0.5	MODAL	Mode	12, -4, -1	0.5	1
4	1	MODAL	Mode	12, -4, -1	1	1.5

Table: Element Focus - Frames, Part 3 of 3						
Frame	Station	OriginalCase	SwapType	Swaps	Prescriptions	Amount
4	6	MODAL	Mode	11	4-1	8
4	6.5	MODAL	Mode	11	4-1	8.5
4	7	MODAL	Mode	11	4-1	9
4	7.5	MODAL	Mode	11	4-1	9.5
4	8	MODAL	Mode	11	4-1	10
4	8.5	MODAL	Mode	11	4-1	10.5
4	9	MODAL	Mode	11	4-1	11
4	9.5	MODAL	Mode	11	4-1	11.5
4	10	MODAL	Mode	11	4-1	12
4	10.5	MODAL	Mode	11	4-1	12.5
4	11	MODAL	Mode	11	4-1	13
4	0	MODAL	Mode	12	4-1	0
4	0.5	MODAL	Mode	12	4-1	0.5
4	1	MODAL	Mode	12	4-1	1
4	1.5	MODAL	Mode	12	4-1	1.5
4	2	MODAL	Mode	12	4-1	2
4	2.5	MODAL	Mode	12	4-1	2.5
4	3	MODAL	Mode	12	4-1	3
4	3.5	MODAL	Mode	12	4-1	3.5
4	4	MODAL	Mode	12	4-1	4
4	4.5	MODAL	Mode	12	4-1	4.5
4	5	MODAL	Mode	12	4-1	5
4	5.5	MODAL	Mode	12	4-1	5.5
4	6	MODAL	Mode	12	4-1	6
4	6.5	MODAL	Mode	12	4-1	6.5
4	7	MODAL	Mode	12	4-1	7
4	7.5	MODAL	Mode	12	4-1	7.5
4	8	MODAL	Mode	12	4-1	8
4	8.5	MODAL	Mode	12	4-1	8.5
4	9	MODAL	Mode	12	4-1	9
4	9.5	MODAL	Mode	12	4-1	9.5
4	10	MODAL	Mode	12	4-1	10
4	10.5	MODAL	Mode	12	4-1	10.5
4	11	MODAL	Mode	12	4-1	11
4	0	LIVE	Mode	4-1	4-1	0
4	0.5	LIVE	Mode	4-1	4-1	0.5
4	1	LIVE	Mode	4-1	4-1	1
4	1.5	LIVE	Mode	4-1	4-1	1.5
4	2	LIVE	Mode	4-1	4-1	2
4	2.5	LIVE	Mode	4-1	4-1	2.5
4	3	LIVE	Mode	4-1	4-1	3
4	3.5	LIVE	Mode	4-1	4-1	3.5
4	4	LIVE	Mode	4-1	4-1	4
4	4.5	LIVE	Mode	4-1	4-1	4.5
4	5	LIVE	Mode	4-1	4-1	5
4	5.5	LIVE	Mode	4-1	4-1	5.5
4	6	LIVE	Mode	4-1	4-1	6
4	6.5	LIVE	Mode	4-1	4-1	6.5
4	7	LIVE	Mode	4-1	4-1	7
4	7.5	LIVE	Mode	4-1	4-1	7.5
4	8	LIVE	Mode	4-1	4-1	8
4	8.5	LIVE	Mode	4-1	4-1	8.5
4	9	LIVE	Mode	4-1	4-1	9
4	9.5	LIVE	Mode	4-1	4-1	9.5

Frame	Station	Output Case	StepType	StepNum	FrameID	Elevation	U
4	10	LIVE		4-1	10		
4	10.5	LIVE		4-1	10.5		
4	11	LIVE		4-1	11		
4	0	DOCN1		4-1	0		
4	0.5	DOCN1		4-1	0.5		
4	1	DOCN1		4-1	1		
4	1.5	DOCN1		4-1	1.5		
4	2	DOCN1		4-1	2		
4	2.5	DOCN1		4-1	2.5		
4	3	DOCN1		4-1	3		
4	3.5	DOCN1		4-1	3.5		
4	4	DOCN1		4-1	4		
4	4.5	DOCN1		4-1	4.5		
4	5	DOCN1		4-1	5		
4	5.5	DOCN1		4-1	5.5		
4	6	DOCN1		4-1	6		
4	6.5	DOCN1		4-1	6.5		
4	7	DOCN1		4-1	7		
4	7.5	DOCN1		4-1	7.5		
4	8	DOCN1		4-1	8		
4	8.5	DOCN1		4-1	8.5		
4	9	DOCN1		4-1	9		
4	9.5	DOCN1		4-1	9.5		
4	10	DOCN1		4-1	10		
4	10.5	DOCN1		4-1	10.5		
4	11	DOCN1		4-1	11		
4	0	DOCN2		4-1	0		
4	0.5	DOCN2		4-1	0.5		
4	1	DOCN2		4-1	1		
4	1.5	DOCN2		4-1	1.5		
4	2	DOCN2		4-1	2		
4	2.5	DOCN2		4-1	2.5		
4	3	DOCN2		4-1	3		
4	3.5	DOCN2		4-1	3.5		
4	4	DOCN2		4-1	4		
4	4.5	DOCN2		4-1	4.5		
4	5	DOCN2		4-1	5		
4	5.5	DOCN2		4-1	5.5		
4	6	DOCN2		4-1	6		
4	6.5	DOCN2		4-1	6.5		
4	7	DOCN2		4-1	7		
4	7.5	DOCN2		4-1	7.5		
4	8	DOCN2		4-1	8		
4	8.5	DOCN2		4-1	8.5		
4	9	DOCN2		4-1	9		
4	9.5	DOCN2		4-1	9.5		
4	10	DOCN2		4-1	10		
4	10.5	DOCN2		4-1	10.5		
4	11	DOCN2		4-1	11		
5	0	DEAD		5-1	0		
5	0.5	DEAD		5-1	0.5		
5	1	DEAD		5-1	1		
5	1.5	DEAD		5-1	1.5		
5	2	DEAD		5-1	2		

Frame	Station	Output Case	StepType	StepNum	FrameID	Elevation	U
5	2.5	DEAD		5-1	2.5		
5	3	DEAD		5-1	3		
5	3.5	DEAD		5-1	3.5		
5	4	DEAD		5-1	4		
5	4.5	DEAD		5-1	4.5		
5	5	DEAD		5-1	5		
5	5.5	DEAD		5-1	5.5		
5	6	DEAD		5-1	6		
5	6.5	DEAD		5-1	6.5		
5	7	DEAD		5-1	7		
5	7.5	DEAD		5-1	7.5		
5	8	DEAD		5-1	8		
5	8.5	DEAD		5-1	8.5		
5	9	DEAD		5-1	9		
5	9.5	DEAD		5-1	9.5		
5	10	DEAD		5-1	10		
5	10.5	DEAD		5-1	10.5		
5	11	DEAD		5-1	11		
5	0	MODAL	Mode	1	5-1	0	
5	0.5	MODAL	Mode	1	5-1	0.5	
5	1	MODAL	Mode	1	5-1	1	
5	1.5	MODAL	Mode	1	5-1	1.5	
5	2	MODAL	Mode	1	5-1	2	
5	2.5	MODAL	Mode	1	5-1	2.5	
5	3	MODAL	Mode	1	5-1	3	
5	3.5	MODAL	Mode	1	5-1	3.5	
5	4	MODAL	Mode	1	5-1	4	
5	4.5	MODAL	Mode	1	5-1	4.5	
5	5	MODAL	Mode	1	5-1	5	
5	5.5	MODAL	Mode	1	5-1	5.5	
5	6	MODAL	Mode	1	5-1	6	
5	6.5	MODAL	Mode	1	5-1	6.5	
5	7	MODAL	Mode	1	5-1	7	
5	7.5	MODAL	Mode	1	5-1	7.5	
5	8	MODAL	Mode	1	5-1	8	
5	8.5	MODAL	Mode	1	5-1	8.5	
5	9	MODAL	Mode	1	5-1	9	
5	9.5	MODAL	Mode	1	5-1	9.5	
5	10	MODAL	Mode	1	5-1	10	
5	10.5	MODAL	Mode	1	5-1	10.5	
5	11	MODAL	Mode	1	5-1	11	
5	0	MODAL	Mode	2	5-1	0	
5	0.5	MODAL	Mode	2	5-1	0.5	
5	1	MODAL	Mode	2	5-1	1	
5	1.5	MODAL	Mode	2	5-1	1.5	
5	2	MODAL	Mode	2	5-1	2	
5	2.5	MODAL	Mode	2	5-1	2.5	
5	3	MODAL	Mode	2	5-1	3	
5	3.5	MODAL	Mode	2	5-1	3.5	
5	4	MODAL	Mode	2	5-1	4	
5	4.5	MODAL	Mode	2	5-1	4.5	
5	5	MODAL	Mode	2	5-1	5	
5	5.5	MODAL	Mode	2	5-1	5.5	
5	6	MODAL	Mode	2	5-1	6	
5	6.5	MODAL	Mode	2	5-1	6.5	
5	7	MODAL	Mode	2	5-1	7	
5	7.5	MODAL	Mode	2	5-1	7.5	
5	8	MODAL	Mode	2	5-1	8	
5	8.5	MODAL	Mode	2	5-1	8.5	
5	9	MODAL	Mode	2	5-1	9	
5	9.5	MODAL	Mode	2	5-1	9.5	
5	10	MODAL	Mode	2	5-1	10	
5	10.5	MODAL	Mode	2	5-1	10.5	
5	11	MODAL	Mode	2	5-1	11	
5	0	MODAL	Mode	3	5-1	0	
5	0.5	MODAL	Mode	3	5-1	0.5	
5	1	MODAL	Mode	3	5-1	1	
5	1.5	MODAL	Mode	3	5-1	1.5	
5	2	MODAL	Mode	3	5-1	2	
5	2.5	MODAL	Mode	3	5-1	2.5	
5	3	MODAL	Mode	3	5-1	3	
5	3.5	MODAL	Mode	3	5-1	3.5	
5	4	MODAL	Mode	3	5-1	4	
5	4.5	MODAL	Mode	3	5-1	4.5	
5	5	MODAL	Mode	3	5-1	5	
5	5.5	MODAL	Mode	3	5-1	5.5	
5	6	MODAL	Mode	3	5-1	6	
5	6.5	MODAL	Mode	3	5-1	6.5	
5	7	MODAL	Mode	3	5-1	7	
5	7.5	MODAL	Mode	3	5-1	7.5	
5	8	MODAL	Mode	3	5-1	8	
5	8.5	MODAL	Mode	3	5-1	8.5	
5	9	MODAL	Mode	3	5-1	9	
5	9.5	MODAL	Mode	3	5-1	9.5	
5	10	MODAL	Mode	3	5-1	10	
5	10.5	MODAL	Mode	3	5-1	10.5	
5	11	MODAL	Mode	3	5-1	11	
5	0	MODAL	Mode	4	5-1	0	
5	0.5	MODAL	Mode	4	5-1	0.5	
5	1	MODAL	Mode	4	5-1	1	
5	1.5	MODAL	Mode	4	5-1	1.5	
5	2	MODAL	Mode	4	5-1	2	
5	2.5	MODAL	Mode	4	5-1	2.5	
5	3	MODAL	Mode	4	5-1	3	
5	3.5	MODAL	Mode	4	5-1	3.5	
5	4	MODAL	Mode	4	5-1	4	
5	4.5	MODAL	Mode	4	5-1	4.5	
5	5	MODAL	Mode	4	5-1	5	
5	5.5	MODAL	Mode	4	5-1	5.5	
5	6	MODAL	Mode	4	5-1	6	
5	6.5	MODAL	Mode	4	5-1	6.5	
5	7	MODAL	Mode	4	5-1	7	
5	7.5	MODAL	Mode	4	5-1	7.5	
5	8	MODAL	Mode	4	5-1	8	
5	8.5	MODAL	Mode	4	5-1	8.5	
5	9	MODAL	Mode	4	5-1	9	
5	9.5	MODAL	Mode	4	5-1	9.5	
5	10	MODAL	Mode	4	5-1	10	

Frame	Station	Output Case	StepType	StepNum	FrameID	Elevation	U
5	6.5	MODAL	Mode	2	5-1	6.5	
5	7	MODAL	Mode	2	5-1	7	
5	7.5	MODAL	Mode	2	5-1	7.5	
5	8	MODAL	Mode	2	5-1	8	
5	8.5	MODAL	Mode	2	5-1	8.5	
5	9	MODAL	Mode	2	5-1	9	
5	9.5	MODAL	Mode	2	5-1	9.5	
5	10	MODAL	Mode	2	5-1	10	
5	10.5	MODAL	Mode	2	5-1	10.5	
5	11	MODAL	Mode	2	5-1	11	
5	0	MODAL	Mode	3	5-1	0	
5	0.5	MODAL	Mode	3	5-1	0.5	
5	1	MODAL	Mode	3	5-1	1	
5	1.5	MODAL	Mode	3	5-1	1.5	
5	2	MODAL	Mode	3	5-1	2	
5	2.5	MODAL	Mode	3	5-1	2.5	
5	3	MODAL	Mode	3	5-1	3	
5	3.5	MODAL	Mode	3	5-1	3.5	
5	4	MODAL	Mode	3	5-1	4	
5	4.5	MODAL	Mode	3	5-1	4.5	
5	5	MODAL	Mode	3	5-1	5	
5	5.5	MODAL	Mode	3	5-1	5.5	
5	6	MODAL	Mode	3	5-1	6	
5	6.5	MODAL	Mode	3	5-1	6.5	
5	7	MODAL	Mode	3	5-1	7	
5	7.5	MODAL	Mode	3	5-1	7.5	
5	8	MODAL	Mode	3	5-1	8	
5	8.5	MODAL	Mode	3	5-1	8.5	
5	9	MODAL	Mode	3	5-1	9	
5	9.5	MODAL	Mode	3	5-1	9.5	
5	10	MODAL	Mode	3	5-1	10	
5	10.5	MODAL	Mode	3	5-1	10.5	
5	11	MODAL	Mode	3	5-1	11	
5	0	MODAL	Mode	4	5-1	0	
5	0.5	MODAL	Mode	4	5-1	0.5	
5	1	MODAL	Mode	4	5-1	1	
5	1.5	MODAL	Mode	4	5-1	1.5	
5	2	MODAL	Mode	4	5-1	2	
5	2.5	MODAL	Mode	4	5-1	2.5	
5	3	MODAL	Mode	4	5-1	3	
5	3.5	MODAL	Mode	4	5-1	3.5	
5	4	MODAL	Mode	4	5-1	4	
5	4.5	MODAL	Mode	4	5-1	4.5	
5	5	MODAL	Mode	4	5-1	5	
5	5.5	MODAL	Mode	4	5-1	5.5	
5	6	MODAL	Mode	4	5-1	6	
5	6.5	MODAL	Mode	4	5-1	6.5	
5	7	MODAL	Mode	4	5-1	7	
5	7.5	MODAL	Mode	4	5-1	7.5	
5	8	MODAL	Mode	4	5-1	8	
5	8.5	MODAL	Mode	4	5-1	8.5	
5	9	MODAL	Mode	4	5-1	9	
5	9.5	MODAL	Mode	4	5-1	9.5	

Frame	Station	Output Case	Step Type	Step Num	Frame Num	Element
5	3	MODAL	Mode	7	5-1	3.5
5	3.5	MODAL	Mode	7	5-1	4
5	4	MODAL	Mode	7	5-1	4.5
5	4.5	MODAL	Mode	7	5-1	5
5	5	MODAL	Mode	7	5-1	5.5
5	5.5	MODAL	Mode	7	5-1	6
5	6	MODAL	Mode	7	5-1	6.5
5	6.5	MODAL	Mode	7	5-1	7
5	7	MODAL	Mode	7	5-1	7.5
5	7.5	MODAL	Mode	7	5-1	8
5	8	MODAL	Mode	7	5-1	8.5
5	8.5	MODAL	Mode	7	5-1	9
5	9	MODAL	Mode	7	5-1	9.5
5	9.5	MODAL	Mode	7	5-1	10
5	10	MODAL	Mode	7	5-1	10.5
5	10.5	MODAL	Mode	7	5-1	11
5	11	MODAL	Mode	8	5-1	0
5	0	MODAL	Mode	8	5-1	0.5
5	0.5	MODAL	Mode	8	5-1	1
5	1	MODAL	Mode	8	5-1	1.5
5	1.5	MODAL	Mode	8	5-1	2
5	2	MODAL	Mode	8	5-1	2.5
5	2.5	MODAL	Mode	8	5-1	3
5	3	MODAL	Mode	8	5-1	3.5
5	3.5	MODAL	Mode	8	5-1	4
5	4	MODAL	Mode	8	5-1	4.5
5	4.5	MODAL	Mode	8	5-1	5
5	5	MODAL	Mode	8	5-1	5.5
5	5.5	MODAL	Mode	8	5-1	6
5	6	MODAL	Mode	8	5-1	6.5
5	6.5	MODAL	Mode	8	5-1	7
5	7	MODAL	Mode	8	5-1	7.5
5	7.5	MODAL	Mode	8	5-1	8
5	8	MODAL	Mode	8	5-1	8.5
5	8.5	MODAL	Mode	8	5-1	9
5	9	MODAL	Mode	8	5-1	9.5
5	9.5	MODAL	Mode	8	5-1	10
5	10	MODAL	Mode	8	5-1	10.5
5	10.5	MODAL	Mode	8	5-1	11
5	11	MODAL	Mode	9	5-1	0
5	0	MODAL	Mode	9	5-1	0.5
5	0.5	MODAL	Mode	9	5-1	1
5	1	MODAL	Mode	9	5-1	1.5
5	1.5	MODAL	Mode	9	5-1	2
5	2	MODAL	Mode	9	5-1	2.5
5	2.5	MODAL	Mode	9	5-1	3
5	3	MODAL	Mode	9	5-1	3.5
5	3.5	MODAL	Mode	9	5-1	4
5	4	MODAL	Mode	9	5-1	4.5
5	4.5	MODAL	Mode	9	5-1	5
5	5	MODAL	Mode	9	5-1	5.5
5	5.5	MODAL	Mode	9	5-1	6
5	6	MODAL	Mode	9	5-1	6.5
5	6.5	MODAL	Mode	9	5-1	7
5	7	MODAL	Mode	9	5-1	7.5
5	7.5	MODAL	Mode	9	5-1	8
5	8	MODAL	Mode	9	5-1	8.5
5	8.5	MODAL	Mode	9	5-1	9
5	9	MODAL	Mode	9	5-1	9.5
5	9.5	MODAL	Mode	9	5-1	10
5	10	MODAL	Mode	9	5-1	10.5
5	10.5	MODAL	Mode	9	5-1	11

Frame	Station	Output Case	Step Type	Step Num	Frame Num	Element
5	7	MODAL	Mode	9	5-1	7
5	7.5	MODAL	Mode	9	5-1	7.5
5	8	MODAL	Mode	9	5-1	8
5	8.5	MODAL	Mode	9	5-1	8.5
5	9	MODAL	Mode	9	5-1	9
5	9.5	MODAL	Mode	9	5-1	9.5
5	10	MODAL	Mode	9	5-1	10
5	10.5	MODAL	Mode	9	5-1	10.5
5	11	MODAL	Mode	9	5-1	11
5	0	MODAL	Mode	10	5-1	0
5	0.5	MODAL	Mode	10	5-1	0.5
5	1	MODAL	Mode	10	5-1	1
5	1.5	MODAL	Mode	10	5-1	1.5
5	2	MODAL	Mode	10	5-1	2
5	2.5	MODAL	Mode	10	5-1	2.5
5	3	MODAL	Mode	10	5-1	3
5	3.5	MODAL	Mode	10	5-1	3.5
5	4	MODAL	Mode	10	5-1	4
5	4.5	MODAL	Mode	10	5-1	4.5
5	5	MODAL	Mode	10	5-1	5
5	5.5	MODAL	Mode	10	5-1	5.5
5	6	MODAL	Mode	10	5-1	6
5	6.5	MODAL	Mode	10	5-1	6.5
5	7	MODAL	Mode	10	5-1	7
5	7.5	MODAL	Mode	10	5-1	7.5
5	8	MODAL	Mode	10	5-1	8
5	8.5	MODAL	Mode	10	5-1	8.5
5	9	MODAL	Mode	10	5-1	9
5	9.5	MODAL	Mode	10	5-1	9.5
5	10	MODAL	Mode	10	5-1	10
5	10.5	MODAL	Mode	10	5-1	10.5
5	11	MODAL	Mode	10	5-1	11
5	0	MODAL	Mode	11	5-1	0
5	0.5	MODAL	Mode	11	5-1	0.5
5	1	MODAL	Mode	11	5-1	1
5	1.5	MODAL	Mode	11	5-1	1.5
5	2	MODAL	Mode	11	5-1	2
5	2.5	MODAL	Mode	11	5-1	2.5
5	3	MODAL	Mode	11	5-1	3
5	3.5	MODAL	Mode	11	5-1	3.5
5	4	MODAL	Mode	11	5-1	4
5	4.5	MODAL	Mode	11	5-1	4.5
5	5	MODAL	Mode	11	5-1	5
5	5.5	MODAL	Mode	11	5-1	5.5
5	6	MODAL	Mode	11	5-1	6
5	6.5	MODAL	Mode	11	5-1	6.5
5	7	MODAL	Mode	11	5-1	7
5	7.5	MODAL	Mode	11	5-1	7.5
5	8	MODAL	Mode	11	5-1	8
5	8.5	MODAL	Mode	11	5-1	8.5
5	9	MODAL	Mode	11	5-1	9
5	9.5	MODAL	Mode	11	5-1	9.5
5	10	MODAL	Mode	11	5-1	10
5	10.5	MODAL	Mode	11	5-1	10.5

Frame	Station	Output Case	Step Type	Step Num	Frame Num	Element
5	11	MODAL	Mode	11	5-1	11
5	0	MODAL	Mode	12	5-1	0
5	0.5	MODAL	Mode	12	5-1	0.5
5	1	MODAL	Mode	12	5-1	1
5	1.5	MODAL	Mode	12	5-1	1.5
5	2	MODAL	Mode	12	5-1	2
5	2.5	MODAL	Mode	12	5-1	2.5
5	3	MODAL	Mode	12	5-1	3
5	3.5	MODAL	Mode	12	5-1	3.5
5	4	MODAL	Mode	12	5-1	4
5	4.5	MODAL	Mode	12	5-1	4.5
5	5	MODAL	Mode	12	5-1	5
5	5.5	MODAL	Mode	12	5-1	5.5
5	6	MODAL	Mode	12	5-1	6
5	6.5	MODAL	Mode	12	5-1	6.5
5	7	MODAL	Mode	12	5-1	7
5	7.5	MODAL	Mode	12	5-1	7.5
5	8	MODAL	Mode	12	5-1	8
5	8.5	MODAL	Mode	12	5-1	8.5
5	9	MODAL	Mode	12	5-1	9
5	9.5	MODAL	Mode	12	5-1	9.5
5	10	MODAL	Mode	12	5-1	10
5	10.5	MODAL	Mode	12	5-1	10.5
5	11	MODAL	Mode	12	5-1	11
5	0	LIVE	Mode	5-1	0	0
5	0.5	LIVE	Mode	5-1	0.5	0.5
5	1	LIVE	Mode	5-1	1	1
5	1.5	LIVE	Mode	5-1	1.5	1.5
5	2	LIVE	Mode	5-1	2	2
5	2.5	LIVE	Mode	5-1	2.5	2.5
5	3	LIVE	Mode	5-1	3	3
5	3.5	LIVE	Mode	5-1	3.5	3.5
5	4	LIVE	Mode	5-1	4	4
5	4.5	LIVE	Mode	5-1	4.5	4.5
5	5	LIVE	Mode	5-1	5	5
5	5.5	LIVE	Mode	5-1	5.5	5.5
5	6	LIVE	Mode	5-1	6	6
5	6.5	LIVE	Mode	5-1	6.5	6.5
5	7	LIVE	Mode	5-1	7	7
5	7.5	LIVE	Mode	5-1	7.5	7.5
5	8	LIVE	Mode	5-1	8	8
5	8.5	LIVE	Mode	5-1	8.5	8.5
5	9	LIVE	Mode	5-1	9	9
5	9.5	LIVE	Mode	5-1	9.5	9.5
5	10	LIVE	Mode	5-1	10	10
5	10.5	LIVE	Mode	5-1	10.5	10.5
5	11	LIVE	Mode	5-1	11	11
5	0	DCON1	Mode	5-1	0	0
5	0.5	DCON1	Mode	5-1	0.5	0.5
5	1	DCON1	Mode	5-1	1	1
5	1.5	DCON1	Mode	5-1	1.5	1.5
5	2	DCON1	Mode	5-1	2	2
5	2.5	DCON1	Mode	5-1	2.5	2.5
5	3	DCON1	Mode	5-1	3	3

Table: Element Forces - Frames, Part 3 of 3						
Frame	Station	Output Case	Step Type	Step Num	Frame Num	Element Num
5	3.5	DCON1	Mode	5-1	3.5	3.5
5	4	DCON1	Mode	5-1	4	4
5	4.5	DCON1	Mode	5-1	4.5	4.5
5	5	DCON1	Mode	5-1	5	5
5	5.5	DCON1	Mode	5-1	5.5	5.5
5	6	DCON1	Mode	5-1	6	6
5	6.5	DCON1	Mode	5-1	6.5	6.5
5	7	DCON1	Mode	5-1	7	7
5	7.5	DCON1	Mode	5-1	7.5	7.5
5	8	DCON1	Mode	5-1	8	8
5	8.5	DCON1	Mode	5-1	8.5	8.5
5	9	DCON1	Mode	5-1	9	9
5	9.5	DCON1	Mode	5-1	9.5	9.5
5	10	DCON1	Mode	5-1	10	10
5	10.5	DCON1	Mode	5-1	10.5	10.5
5	11	DCON1	Mode	5-1	11	11
5	0	DCON2	Mode	5-1	0	0
5	0.5	DCON2	Mode	5-1	0.5	0.5
5	1	DCON2	Mode	5-1	1	1
5	1.5	DCON2	Mode	5-1	1.5	1.5
5	2	DCON2	Mode	5-1	2	2
5	2.5	DCON2	Mode	5-1	2.5	2.5
5	3	DCON2	Mode	5-1	3	3
5	3.5	DCON2	Mode	5-1	3.5	3.5
5	4	DCON2	Mode	5-1	4	4
5	4.5	DCON2	Mode	5-1	4.5	4.5
5	5	DCON2	Mode	5-1	5	5
5	5.5	DCON2	Mode	5-1	5.5	5.5
5	6	DCON2	Mode	5-1	6	6
5	6.5	DCON2	Mode	5-1	6.5	6.5
5	7	DCON2	Mode	5-1	7	7
5	7.5	DCON2	Mode	5-1	7.5	7.5
5	8	DCON2	Mode	5-1	8	8
5	8.5	DCON2	Mode	5-1	8.5	8.5
5	9	DCON2	Mode	5-1	9	9
5	9.5	DCON2	Mode	5-1	9.5	9.5
5	10	DCON2	Mode	5-1	10	10
5	10.5	DCON2	Mode	5-1	10.5	10.5
5	11	DCON2	Mode	5-1	11	11
5	0	DEAD	Mode	5-1	0	0
5	0.45833	DEAD	Mode	5-1	0.45833	0.45833
5	0.91665	DEAD	Mode	5-1	0.91665	0.91665
5	1.37498	DEAD	Mode	5-1	1.37498	1.37498
5	1.8333	DEAD	Mode	5-1	1.8333	1.8333
5	0	MODAL	Mode	1	5-1	0
5	0.45833	MODAL	Mode	1	5-1	0.45833
5	0.91665	MODAL	Mode	1	5-1	0.91665
5	1.37498	MODAL	Mode	1	5-1	1.37498
5	1.8333	MODAL	Mode	1	5-1	1.8333
5	0	MODAL	Mode	2	5-1	0
5	0.45833	MODAL	Mode	2	5-1	0.45833
5	0.91665	MODAL	Mode	2	5-1	0.91665
5	1.37498	MODAL	Mode	2	5-1	1.37498
5	1.8333	MODAL	Mode	2	5-1	1.8333

Frame	Station	Member	Size/Type	Support	Frequency	Amplitude
	m					m
0	0.	MODAL	Mod	3.	0.-1	0.
0	0.45833	MODAL	Mod	3.	0.-1	0.45833
0	0.81666	MODAL	Mod	3.	0.-1	0.81666
0	1.37498	MODAL	Mod	3.	0.-1	1.37498
0	1.8333	MODAL	Mod	3.	0.-1	1.8333
0	0.	MODAL	Mod	4.	0.-1	0.
0	0.45833	MODAL	Mod	4.	0.-1	0.45833
0	0.81666	MODAL	Mod	4.	0.-1	0.81666
0	1.37498	MODAL	Mod	4.	0.-1	1.37498
0	1.8333	MODAL	Mod	4.	0.-1	1.8333
0	0.	MODAL	Mod	5.	0.-1	0.
0	0.45833	MODAL	Mod	5.	0.-1	0.45833
0	0.81666	MODAL	Mod	5.	0.-1	0.81666
0	1.37498	MODAL	Mod	5.	0.-1	1.37498
0	1.8333	MODAL	Mod	5.	0.-1	1.8333
0	0.	MODAL	Mod	6.	0.-1	0.
0	0.45833	MODAL	Mod	6.	0.-1	0.45833
0	0.81666	MODAL	Mod	6.	0.-1	0.81666
0	1.37498	MODAL	Mod	6.	0.-1	1.37498
0	1.8333	MODAL	Mod	6.	0.-1	1.8333
0	0.	MODAL	Mod	7.	0.-1	0.
0	0.45833	MODAL	Mod	7.	0.-1	0.45833
0	0.81666	MODAL	Mod	7.	0.-1	0.81666
0	1.37498	MODAL	Mod	7.	0.-1	1.37498
0	1.8333	MODAL	Mod	7.	0.-1	1.8333
0	0.	MODAL	Mod	8.	0.-1	0.
0	0.45833	MODAL	Mod	8.	0.-1	0.45833
0	0.81666	MODAL	Mod	8.	0.-1	0.81666
0	1.37498	MODAL	Mod	8.	0.-1	1.37498
0	1.8333	MODAL	Mod	8.	0.-1	1.8333
0	0.	MODAL	Mod	9.	0.-1	0.
0	0.45833	MODAL	Mod	9.	0.-1	0.45833
0	0.81666	MODAL	Mod	9.	0.-1	0.81666
0	1.37498	MODAL	Mod	9.	0.-1	1.37498
0	1.8333	MODAL	Mod	9.	0.-1	1.8333
0	0.	MODAL	Mod	10.	0.-1	0.
0	0.45833	MODAL	Mod	10.	0.-1	0.45833
0	0.81666	MODAL	Mod	10.	0.-1	0.81666
0	1.37498	MODAL	Mod	10.	0.-1	1.37498
0	1.8333	MODAL	Mod	10.	0.-1	1.8333
0	0.	MODAL	Mod	11.	0.-1	0.
0	0.45833	MODAL	Mod	11.	0.-1	0.45833
0	0.81666	MODAL	Mod	11.	0.-1	0.81666
0	1.37498	MODAL	Mod	11.	0.-1	1.37498
0	1.8333	MODAL	Mod	11.	0.-1	1.8333
0	0.	MODAL	Mod	12.	0.-1	0.
0	0.45833	MODAL	Mod	12.	0.-1	0.45833
0	0.81666	MODAL	Mod	12.	0.-1	0.81666
0	1.37498	MODAL	Mod	12.	0.-1	1.37498
0	1.8333	MODAL	Mod	12.	0.-1	1.8333
0	0.	LIVE	LIVE	0.-1	0.-1	0.
0	0.45833	LIVE	LIVE	0.-1	0.-1	0.45833
0	0.81666	LIVE	LIVE	0.-1	0.-1	0.81666
0	1.37498	LIVE	LIVE	0.-1	0.-1	1.37498

Table: Element Forces - Frames, Part 3 of 3							
Element	Station	Output Code	Stop Type	Stop Item	Frame/Node	Displacement	Force
						m	N
6	1.8333	LIVE			6-1	1.8333	
6	0	DCDN			6-1	0	
6	0.47733	DCDN			6-1	0.47733	
6	0.91685	DCDN			6-1	0.91685	
6	1.37498	DCDN			6-1	1.37498	
6	1.8333	DCDN			6-1	1.8333	
6	0	DCDN2			6-1	0	
6	0.45833	DCDN2			6-1	0.45833	
6	0.91685	DCDN2			6-1	0.91685	
6	1.37498	DCDN2			6-1	1.37498	
6	1.8333	DCDN2			6-1	1.8333	
7	0	DEAD			7-1	0	
7	0.45833	DEAD			7-1	0.45833	
7	0.91685	DEAD			7-1	0.91685	
7	1.37498	DEAD			7-1	1.37498	
7	1.8333	DEAD			7-1	1.8333	
7	0	MODAL	Mode	1	7-1	0	
7	0.45833	MODAL	Mode	1	7-1	0.45833	
7	0.91685	MODAL	Mode	1	7-1	0.91685	
7	1.37498	MODAL	Mode	1	7-1	1.37498	
7	1.8333	MODAL	Mode	1	7-1	1.8333	
7	0	MODAL	Mode	2	7-1	0	
7	0.45833	MODAL	Mode	2	7-1	0.45833	
7	0.91685	MODAL	Mode	2	7-1	0.91685	
7	1.37498	MODAL	Mode	2	7-1	1.37498	
7	1.8333	MODAL	Mode	2	7-1	1.8333	
7	0	MODAL	Mode	3	7-1	0	
7	0.45833	MODAL	Mode	3	7-1	0.45833	
7	0.91685	MODAL	Mode	3	7-1	0.91685	
7	1.37498	MODAL	Mode	3	7-1	1.37498	
7	1.8333	MODAL	Mode	3	7-1	1.8333	
7	0	MODAL	Mode	4	7-1	0	
7	0.45833	MODAL	Mode	4	7-1	0.45833	
7	0.91685	MODAL	Mode	4	7-1	0.91685	
7	1.37498	MODAL	Mode	4	7-1	1.37498	
7	1.8333	MODAL	Mode	4	7-1	1.8333	
7	0	MODAL	Mode	5	7-1	0	
7	0.45833	MODAL	Mode	5	7-1	0.45833	
7	0.91685	MODAL	Mode	5	7-1	0.91685	
7	1.37498	MODAL	Mode	5	7-1	1.37498	
7	1.8333	MODAL	Mode	5	7-1	1.8333	
7	0	MODAL	Mode	6	7-1	0	
7	0.45833	MODAL	Mode	6	7-1	0.45833	
7	0.91685	MODAL	Mode	6	7-1	0.91685	
7	1.37498	MODAL	Mode	6	7-1	1.37498	
7	1.8333	MODAL	Mode	6	7-1	1.8333	
7	0	MODAL	Mode	7	7-1	0	
7	0.45833	MODAL	Mode	7	7-1	0.45833	
7	0.91685	MODAL	Mode	7	7-1	0.91685	
7	1.37498	MODAL	Mode	7	7-1	1.37498	
7	1.8333	MODAL	Mode	7	7-1	1.8333	
7	0	MODAL	Mode	8	7-1	0	
7	0.45833	MODAL	Mode	8	7-1	0.45833	
7	0.91685	MODAL	Mode	8	7-1	0.91685	

Table: Element Forces - Frames, Part 2 of 3						
Frame	Station	Output/Case	BayType	Support	Frame/Node	Element/Node
F	m					m
7	1.5498	MODAL	Mode 8	7-1	1.37498	
7	1.7333	MODAL	Mode 8	7-1	1.3873	
7	0	MODAL	Mode 9	7-1	0	
7	0.45933	MODAL	Mode 9	7-1	0.45933	
7	0.91665	MODAL	Mode 9	7-1	0.91665	
7	1.37498	MODAL	Mode 9	7-1	1.37498	
7	1.8333	MODAL	Mode 9	7-1	1.8333	
7	0	MODAL	Mode 10	7-1	0	
7	0.45933	MODAL	Mode 10	7-1	0.45933	
7	0.91665	MODAL	Mode 10	7-1	0.91665	
7	1.37498	MODAL	Mode 10	7-1	1.37498	
7	1.8333	MODAL	Mode 10	7-1	1.8333	
7	0	MODAL	Mode 11	7-1	0	
7	0.45933	MODAL	Mode 11	7-1	0.45933	
7	0.91665	MODAL	Mode 11	7-1	0.91665	
7	1.37498	MODAL	Mode 11	7-1	1.37498	
7	1.8333	MODAL	Mode 11	7-1	1.8333	
7	0	MODAL	Mode 12	7-1	0	
7	0.45933	MODAL	Mode 12	7-1	0.45933	
7	0.91665	MODAL	Mode 12	7-1	0.91665	
7	1.37498	MODAL	Mode 12	7-1	1.37498	
7	1.8333	MODAL	Mode 12	7-1	1.8333	
7	0	LIVE		7-1	0	
7	0.45933	LIVE		7-1	0.45933	
7	0.91665	LIVE		7-1	0.91665	
7	1.37498	LIVE		7-1	1.37498	
7	1.8333	LIVE		7-1	1.8333	
7	0.45933	DCGN1		7-1	0.45933	
7	0.91665	DCGN1		7-1	0.91665	
7	1.37498	DCGN1		7-1	1.37498	
7	1.8333	DCGN1		7-1	1.8333	
7	0	DCGN2		7-1	0	
7	0.45933	DCGN2		7-1	0.45933	
7	0.91665	DCGN2		7-1	0.91665	
7	1.37498	DCGN2		7-1	1.37498	
7	1.8333	DCGN2		7-1	1.8333	
8	0	DEAD		8-1	0	
8	0.45933	DEAD		8-1	0.45933	
8	0.91665	DEAD		8-1	0.91665	
8	1.37498	DEAD		8-1	1.37498	
8	1.8333	DEAD		8-1	1.8333	
8	0	MODAL	Mode 1	8-1	0	
8	0.45933	MODAL	Mode 1	8-1	0.45933	
8	0.91665	MODAL	Mode 1	8-1	0.91665	
8	1.37498	MODAL	Mode 1	8-1	1.37498	
8	1.8333	MODAL	Mode 1	8-1	1.8333	
8	0	MODAL	Mode 2	8-1	0	
8	0.45933	MODAL	Mode 2	8-1	0.45933	
8	0.91665	MODAL	Mode 2	8-1	0.91665	
8	1.37498	MODAL	Mode 2	8-1	1.37498	
8	1.8333	MODAL	Mode 2	8-1	1.8333	
8	0	MODAL	Mode 3	8-1	0	
8	0.45933	MODAL	Mode 3	8-1	0.45933	

Table: Element Forces - Frames, Part 5 of 2						
Elem	Station	Object/Case	ShapeType	ShapeType	Frame/Elem	Displacement
1	2	3	4	5	6	7
0	0.91675	MODAL	Mode	3	0-1	0.91685
0	1.37498	MODAL	Mode	3	0-1	1.37498
0	1.8333	MODAL	Mode	3	0-1	1.8333
0	0	MODAL	Mode	4	0-1	0
0	0.45833	MODAL	Mode	4	0-1	0.45833
0	0.91685	MODAL	Mode	4	0-1	0.91685
0	1.37498	MODAL	Mode	4	0-1	1.37498
0	1.8333	MODAL	Mode	4	0-1	1.8333
0	0	MODAL	Mode	5	0-1	0
0	0.45833	MODAL	Mode	5	0-1	0.45833
0	0.91685	MODAL	Mode	5	0-1	0.91685
0	1.37498	MODAL	Mode	5	0-1	1.37498
0	1.8333	MODAL	Mode	5	0-1	1.8333
0	0	MODAL	Mode	6	0-1	0
0	0.45833	MODAL	Mode	6	0-1	0.45833
0	0.91685	MODAL	Mode	6	0-1	0.91685
0	1.37498	MODAL	Mode	6	0-1	1.37498
0	1.8333	MODAL	Mode	6	0-1	1.8333
0	0	MODAL	Mode	7	0-1	0
0	0.45833	MODAL	Mode	7	0-1	0.45833
0	0.91685	MODAL	Mode	7	0-1	0.91685
0	1.37498	MODAL	Mode	7	0-1	1.37498
0	1.8333	MODAL	Mode	7	0-1	1.8333
0	0	MODAL	Mode	8	0-1	0
0	0.45833	MODAL	Mode	8	0-1	0.45833
0	0.91685	MODAL	Mode	8	0-1	0.91685
0	1.37498	MODAL	Mode	8	0-1	1.37498
0	1.8333	MODAL	Mode	8	0-1	1.8333
0	0	MODAL	Mode	9	0-1	0
0	0.45833	MODAL	Mode	9	0-1	0.45833
0	0.91685	MODAL	Mode	9	0-1	0.91685
0	1.37498	MODAL	Mode	9	0-1	1.37498
0	1.8333	MODAL	Mode	9	0-1	1.8333
0	0	MODAL	Mode	10	0-1	0
0	0.45833	MODAL	Mode	10	0-1	0.45833
0	0.91685	MODAL	Mode	10	0-1	0.91685
0	1.37498	MODAL	Mode	10	0-1	1.37498
0	1.8333	MODAL	Mode	10	0-1	1.8333
0	0	MODAL	Mode	11	0-1	0
0	0.45833	MODAL	Mode	11	0-1	0.45833
0	0.91685	MODAL	Mode	11	0-1	0.91685
0	1.37498	MODAL	Mode	11	0-1	1.37498
0	1.8333	MODAL	Mode	11	0-1	1.8333
0	0	MODAL	Mode	12	0-1	0
0	0.45833	MODAL	Mode	12	0-1	0.45833
0	0.91685	MODAL	Mode	12	0-1	0.91685
0	1.37498	MODAL	Mode	12	0-1	1.37498
0	1.8333	MODAL	Mode	12	0-1	1.8333
0	0	LIVE	Mode	0-1	0-1	0
0	0.45833	LIVE	Mode	0-1	0-1	0.45833
0	0.91685	LIVE	Mode	0-1	0-1	0.91685
0	1.37498	LIVE	Mode	0-1	0-1	1.37498
0	1.8333	LIVE	Mode	0-1	0-1	1.8333
0	0	DOONI	Mode	0-1	0-1	0

Frame	Node	Coordinate	DispType	El. Value	FrameValue	ElementValue
0	0	0	MODAL	Mode	0	0
0	0	0.45833	MODAL	Mode	0	0.45833
0	0	0.91665	MODAL	Mode	0	0.91665
0	0	1.37498	MODAL	Mode	0	1.37498
0	0	1.8333	MODAL	Mode	0	1.8333
0	0	0	MODAL	Mode	10	0
0	0	0.45833	MODAL	Mode	10	0.45833
0	0	0.91665	MODAL	Mode	10	0.91665
0	0	1.37498	MODAL	Mode	10	1.37498
0	0	1.8333	MODAL	Mode	10	1.8333
0	0	0	MODAL	Mode	11	0
0	0	0.45833	MODAL	Mode	11	0.45833
0	0	0.91665	MODAL	Mode	11	0.91665
0	0	1.37498	MODAL	Mode	11	1.37498
0	0	1.8333	MODAL	Mode	11	1.8333
0	0	0	MODAL	Mode	12	0
0	0	0.45833	MODAL	Mode	12	0.45833
0	0	0.91665	MODAL	Mode	12	0.91665
0	0	1.37498	MODAL	Mode	12	1.37498
0	0	1.8333	MODAL	Mode	12	1.8333
0	0	0	LIVE		0	0
0	0	0.45833	LIVE		0	0.45833
0	0	0.91665	LIVE		0	0.91665
0	0	1.37498	LIVE		0	1.37498
0	0	1.8333	LIVE		0	1.8333
0	0	0	DCON1		0	0
0	0	0.45833	DCON1		0	0.45833
0	0	0.91665	DCON1		0	0.91665
0	0	1.37498	DCON1		0	1.37498
0	0	1.8333	DCON1		0	1.8333
0	0	0	DCON2		0	0
0	0	0.45833	DCON2		0	0.45833
0	0	0.91665	DCON2		0	0.91665
0	0	1.37498	DCON2		0	1.37498
0	0	1.8333	DCON2		0	1.8333
0	0	0	DEAD		0	0
0	0	0.45833	DEAD		0	0.45833
0	0	0.91665	DEAD		0	0.91665
0	0	1.37498	DEAD		0	1.37498
0	0	1.8333	DEAD		0	1.8333
0	0	0	MODAL	Mode	1	0
0	0	0.45833	MODAL	Mode	1	0.45833
0	0	0.91665	MODAL	Mode	1	0.91665
0	0	1.37498	MODAL	Mode	1	1.37498
0	0	1.8333	MODAL	Mode	1	1.8333
0	0	0	MODAL	Mode	2	0
0	0	0.45833	MODAL	Mode	2	0.45833
0	0	0.91665	MODAL	Mode	2	0.91665
0	0	1.37498	MODAL	Mode	2	1.37498
0	0	1.8333	MODAL	Mode	2	1.8333
0	0	0	MODAL	Mode	3	0
0	0	0.45833	MODAL	Mode	3	0.45833
0	0	0.91665	MODAL	Mode	3	0.91665
0	0	1.37498	MODAL	Mode	3	1.37498
0	0	1.8333	MODAL	Mode	3	1.8333
0	0	0	MODAL	Mode	4	0
0	0	0.45833	MODAL	Mode	4	0.45833
0	0	0.91665	MODAL	Mode	4	0.91665
0	0	1.37498	MODAL	Mode	4	1.37498
0	0	1.8333	MODAL	Mode	4	1.8333

Table: Element Forces - Frames, Part 3 of 3													
Frame	Set Id	Output	Input	Output	Input	Output	Input	Output	Input	Output	Input	Output	Input
10	1,37488	DCON1		10-1	1,37488								
10	1,8333	DCON1		10-1	1,8333								
10	0	DCON2		10-1	0								
10	0,45837	DCON2		10-1	0,45837								
10	0,51685	DCON2		10-1	0,51685								
10	1,37488	DCON2		10-1	1,37488								
10	1,8333	DCON2		10-1	1,8333								
11	0	DEAD		11-1	0								
11	0,45837	DEAD		11-1	0,45837								
11	0,51675	DEAD		11-1	0,51675								
11	1,37512	DEAD		11-1	1,37512								
11	1,8335	DEAD		11-1	1,8335								
11	0	MODAL	Mode	1	11-1	0							
11	0,45837	MODAL	Mode	1	11-1	0,45837							
11	0,51675	MODAL	Mode	1	11-1	0,51675							
11	1,37512	MODAL	Mode	1	11-1	1,37512							
11	1,8335	MODAL	Mode	1	11-1	1,8335							
11	0	MODAL	Mode	2	11-1	0							
11	0,45737	MODAL	Mode	2	11-1	0,45737							
11	0,51675	MODAL	Mode	2	11-1	0,51675							
11	1,37512	MODAL	Mode	2	11-1	1,37512							
11	1,8335	MODAL	Mode	2	11-1	1,8335							
11	0	MODAL	Mode	3	11-1	0							
11	0,45837	MODAL	Mode	3	11-1	0,45837							
11	0,51675	MODAL	Mode	3	11-1	0,51675							
11	1,37512	MODAL	Mode	3	11-1	1,37512							
11	1,8335	MODAL	Mode	3	11-1	1,8335							
11	0	MODAL	Mode	4	11-1	0							
11	0,45837	MODAL	Mode	4	11-1	0,45837							
11	0,51675	MODAL	Mode	4	11-1	0,51675							
11	1,37512	MODAL	Mode	4	11-1	1,37512							
11	1,8335	MODAL	Mode	4	11-1	1,8335							
11	0	MODAL	Mode	5	11-1	0							
11	0,45837	MODAL	Mode	5	11-1	0,45837							
11	0,51675	MODAL	Mode	5	11-1	0,51675							
11	1,37512	MODAL	Mode	5	11-1	1,37512							
11	1,8335	MODAL	Mode	5	11-1	1,8335							
11	0	MODAL	Mode	6	11-1	0							
11	0,45837	MODAL	Mode	6	11-1	0,45837							
11	0,51675	MODAL	Mode	6	11-1	0,51675							
11	1,37512	MODAL	Mode	6	11-1	1,37512							
11	1,8335	MODAL	Mode	6	11-1	1,8335							
11	0	MODAL	Mode	7	11-1	0							
11	0,45837	MODAL	Mode	7	11-1	0,45837							
11	0,51675	MODAL	Mode	7	11-1	0,51675							
11	1,37512	MODAL	Mode	7	11-1	1,37512							
11	1,8335	MODAL	Mode	7	11-1	1,8335							
11	0	MODAL	Mode	8	11-1	0							
11	0,45737	MODAL	Mode	8	11-1	0,45737							
11	0,51675	MODAL	Mode	8	11-1	0,51675							
11	1,37512	MODAL	Mode	8	11-1	1,37512							
11	1,8335	MODAL	Mode	8	11-1	1,8335							
11	0	MODAL	Mode	9	11-1	0							
11	0,45837	MODAL	Mode	9	11-1	0,45837							

Frame	Node	Member	Output Case	Step/Type	Step/Item	Frame-Item	Element-Item
11	0	0.91675	MODAL	Mode	9,	11-1	0.91675
11	1	1.37512	MODAL	Mode	9,	11-1	1.37512
11	0	1.8535	MODAL	Mode	9,	11-1	1.8535
11	0	0	MOD-L	Mode	10,	11-1	0
11	0.45837	MODAL	Mode	10,	11-1	0.45837	
11	0.91675	MODAL	Mode	10,	11-1	0.91675	
11	1.37512	MODAL	Mode	10,	11-1	1.37512	
11	0	0	MOD-L	Mode	11,	11-1	0
11	0.45837	MODAL	Mode	11,	11-1	0.45837	
11	0.91675	MODAL	Mode	11,	11-1	0.91675	
11	1.37512	MODAL	Mode	11,	11-1	1.37512	
11	1.8535	MODAL	Mode	11,	11-1	1.8535	
11	0	0	MOD-L	Mode	12,	11-1	0
11	0.45837	MODAL	Mode	12,	11-1	0.45837	
11	0.91675	MODAL	Mode	12,	11-1	0.91675	
11	1.37512	MODAL	Mode	12,	11-1	1.37512	
11	1.8535	MODAL	Mode	12,	11-1	1.8535	
11	0	0	LIVE	Live	11-1	11-1	0
11	0.45837	LIVE	Live	11-1	11-1	0.45837	
11	0.91675	LIVE	Live	11-1	11-1	0.91675	
11	1.37512	LIVE	Live	11-1	11-1	1.37512	
11	1.8535	LIVE	Live	11-1	11-1	1.8535	
11	0	0	DCON1	DCON1	11-1	11-1	0
11	0.45837	DCON1	DCON1	11-1	11-1	0.45837	
11	0.91675	DCON1	DCON1	11-1	11-1	0.91675	
11	1.37512	DCON1	DCON1	11-1	11-1	1.37512	
11	1.8535	DCON1	DCON1	11-1	11-1	1.8535	
11	0	0	DCON2	DCON2	11-1	11-1	0
11	0.45837	DCON2	DCON2	11-1	11-1	0.45837	
11	0.91675	DCON2	DCON2	11-1	11-1	0.91675	
11	1.37512	DCON2	DCON2	11-1	11-1	1.37512	
11	1.8535	DCON2	DCON2	11-1	11-1	1.8535	
12	0	0	DEAD	DEAD	12-1	12-1	0
12	0.45837	DEAD	DEAD	12-1	12-1	0.45837	
12	0.91665	DEAD	DEAD	12-1	12-1	0.91665	
12	1.37498	DEAD	DEAD	12-1	12-1	1.37498	
12	1.8531	DEAD	DEAD	12-1	12-1	1.8531	
12	0	0	MODAL	Mode	1,	12-1	0
12	0.45837	MOD-L	Mode	1,	12-1	0.45837	
12	0.91665	MODAL	Mode	1,	12-1	0.91665	
12	1.37498	MODAL	Mode	1,	12-1	1.37498	
12	1.8533	MODAL	Mode	1,	12-1	1.8533	
12	0	0	MODAL	Mode	2,	12-1	0
12	0.45837	MODAL	Mode	2,	12-1	0.45837	
12	0.91665	MODAL	Mode	2,	12-1	0.91665	
12	1.37498	MODAL	Mode	2,	12-1	1.37498	
12	1.8533	MODAL	Mode	2,	12-1	1.8533	
12	0	0	MODAL	Mode	3,	12-1	0
12	0.45833	MODAL	Mode	3,	12-1	0.45833	
12	0.91665	MODAL	Mode	3,	12-1	0.91665	
12	1.37498	MODAL	Mode	3,	12-1	1.37498	
12	1.8533	MODAL	Mode	3,	12-1	1.8533	
12	0	0	MODAL	Mode	4,	12-1	0

Table: Element Forces - Frames, Part 3 of 3							
Frame	Station	Output/Case	ElementType	Step/Item	Frame/Node	U1 (mm)	U2 (mm)
12	0.45833	MODAL	Mode	4,	12-1	0.45833	0
12	0.91665	MODAL	Mode	4,	12-1	0.91665	0
12	1.37498	MODAL	Mode	4,	12-1	1.37498	0
12	1.8333	MODAL	Mode	4,	12-1	1.8333	0
12	0,	MODAL	Mode	5,	12-1	0	0
12	0.45833	MODAL	Mode	5,	12-1	0.45833	0
12	0.91665	MODAL	Mode	5,	12-1	0.91665	0
12	1.37498	MODAL	Mode	5,	12-1	1.37498	0
12	1.8333	MODAL	Mode	5,	12-1	1.8333	0
12	0,	MODAL	Mode	6,	12-1	0	0
12	0.45833	MODAL	Mode	6,	12-1	0.45833	0
12	0.91665	MODAL	Mode	6,	12-1	0.91665	0
12	1.37498	MODAL	Mode	6,	12-1	1.37498	0
12	1.8333	MODAL	Mode	6,	12-1	1.8333	0
12	0,	MODAL	Mode	7,	12-1	0	0
12	0.45833	MODAL	Mode	7,	12-1	0.45833	0
12	0.91665	MODAL	Mode	7,	12-1	0.91665	0
12	1.37498	MODAL	Mode	7,	12-1	1.37498	0
12	1.8333	MODAL	Mode	7,	12-1	1.8333	0
12	0,	MODAL	Mode	8,	12-1	0	0
12	0.45833	MODAL	Mode	8,	12-1	0.45833	0
12	0.91665	MODAL	Mode	8,	12-1	0.91665	0
12	1.37498	MODAL	Mode	8,	12-1	1.37498	0
12	1.8333	MODAL	Mode	8,	12-1	1.8333	0
12	0,	MODAL	Mode	9,	12-1	0	0
12	0.45833	MODAL	Mode	9,	12-1	0.45833	0
12	0.91665	MODAL	Mode	9,	12-1	0.91665	0
12	1.37498	MODAL	Mode	9,	12-1	1.37498	0
12	1.8333	MODAL	Mode	9,	12-1	1.8333	0
12	0,	MODAL	Mode	10,	12-1	0	0
12	0.45833	MODAL	Mode	10,	12-1	0.45833	0
12	0.91665	MODAL	Mode	10,	12-1	0.91665	0
12	1.37498	MODAL	Mode	10,	12-1	1.37498	0
12	1.8333	MODAL	Mode	10,	12-1	1.8333	0
12	0,	MODAL	Mode	11,	12-1	0	0
12	0.45833	MODAL	Mode	11,	12-1	0.45833	0
12	0.91665	MODAL	Mode	11,	12-1	0.91665	0
12	1.37498	MODAL	Mode	11,	12-1	1.37498	0
12	1.8333	MODAL	Mode	11,	12-1	1.8333	0
12	0,	MODAL	Mode	12,	12-1	0	0
12	0.45833	MODAL	Mode	12,	12-1	0.45833	0
12	0.91665	MODAL	Mode	12,	12-1	0.91665	0
12	1.37498	MODAL	Mode	12,	12-1	1.37498	0
12	1.8333	MODAL	Mode	12,	12-1	1.8333	0
12	0,	LIVE				0	0
12	0.45833	LIVE			12-1	0.45833	0
12	0.91665	LIVE			12-1	0.91665	0
12	1.37498	LIVE			12-1	1.37498	0
12	1.8333	LIVE			12-1	1.8333	0
12	0,	DCON1			12-1	0	0
12	0.45833	DCON1			12-1	0.45833	0
12	0.91665	DCON1			12-1	0.91665	0
12	1.37498	DCON1			12-1	1.37498	0
12	1.8333	DCON1			12-1	1.8333	0

Table: Element Forces - Frames, Part of 3						
Frame	Node	Output Case	Step Type	Step	Frame	Node
12	0	DCON2			12-1	0
12	0.45833	DCON2			12-1	0.45833
12	0.91666	DCON2			12-1	0.91666
12	1.37498	DCON2			12-1	1.37498
12	1.8333	DCON2			12-1	1.8333
13	0	DEAD			13-1	0
13	0.45833	DEAD			13-1	0.45833
13	0.91666	DEAD			13-1	0.91666
13	1.37498	DEAD			13-1	1.37498
13	1.8333	DEAD			13-1	1.8333
13	0	MODAL	Mode	1	13-1	0
13	0.47333	MODAL	Mode	1	13-1	0.45833
13	0.91666	MODAL	Mode	1	13-1	0.91666
13	1.37498	MODAL	Mode	1	13-1	1.37498
13	1.8333	MODAL	Mode	1	13-1	1.8333
13	0	MODAL	Mode	2	13-1	0
13	0.46833	MODAL	Mode	2	13-1	0.45833
13	0.91666	MODAL	Mode	2	13-1	0.91666
13	1.37498	MODAL	Mode	2	13-1	1.37498
13	1.8333	MODAL	Mode	2	13-1	1.8333
13	0	MODAL	Mode	3	13-1	0
13	0.45833	MODAL	Mode	3	13-1	0.45833
13	0.91666	MODAL	Mode	3	13-1	0.91666
13	1.37498	MODAL	Mode	3	13-1	1.37498
13	1.8333	MODAL	Mode	3	13-1	1.8333
13	0	MODAL	Mode	4	13-1	0
13	0.45833	MODAL	Mode	4	13-1	0.45833
13	0.91666	MODAL	Mode	4	13-1	0.91666
13	1.37498	MODAL	Mode	4	13-1	1.37498
13	1.8333	MODAL	Mode	4	13-1	1.8333
13	0	MODAL	Mode	5	13-1	0
13	0.45833	MODAL	Mode	5	13-1	0.45833
13	0.91666	MODAL	Mode	5	13-1	0.91666
13	1.37498	MODAL	Mode	5	13-1	1.37498
13	1.8333	MODAL	Mode	5	13-1	1.8333
13	0	MODAL	Mode	6	13-1	0
13	0.45833	MODAL	Mode	6	13-1	0.45833
13	0.91666	MODAL	Mode	6	13-1	0.91666
13	1.37498	MODAL	Mode	6	13-1	1.37498
13	1.8333	MODAL	Mode	6	13-1	1.8333
13	0	MODAL	Mode	7	13-1	0
13	0.46333	MODAL	Mode	7	13-1	0.45833
13	0.91666	MODAL	Mode	7	13-1	0.91666
13	1.37498	MODAL	Mode	7	13-1	1.37498
13	1.8333	MODAL	Mode	7	13-1	1.8333
13	0	MODAL	Mode	8	13-1	0
13	0.47333	MODAL	Mode	8	13-1	0.45833
13	0.91666	MODAL	Mode	8	13-1	0.91666
13	1.37498	MODAL	Mode	8	13-1	1.37498
13	1.8333	MODAL	Mode	8	13-1	1.8333
13	0	MODAL	Mode	9	13-1	0
13	0.45833	MODAL	Mode	9	13-1	0.45833
13	0.91666	MODAL	Mode	9	13-1	0.91666
13	1.37498	MODAL	Mode	9	13-1	1.37498

Frame	Station m	Output: Element Forces - Frames, Part 3 of 3 Out-Case	SlapType	SlapTime	FrameID	FrameID	ElementID
13	1.8333	MODAL	Mode	9	13-1		1.8333
13	0	MODAL	Mode	10	13-1		0
13	0.45833	MODAL	Mode	10	13-1		0.45833
13	0.91666	MODAL	Mode	10	13-1		0.91666
13	1.37498	MODAL	Mode	10	13-1		1.37498
13	1.8333	MODAL	Mode	10	13-1		1.8333
13	0	MODAL	Mode	11	13-1		0
13	0.45833	MODAL	Mode	11	13-1		0.45833
13	0.91666	MODAL	Mode	11	13-1		0.91666
13	1.37498	MODAL	Mode	11	13-1		1.37498
13	1.8333	MODAL	Mode	11	13-1		1.8333
13	0	MODAL	Mode	12	13-1		0
13	0.45833	MODAL	Mode	12	13-1		0.45833
13	0.91666	MODAL	Mode	12	13-1		0.91666
13	1.37498	MODAL	Mode	12	13-1		1.37498
13	1.8333	MODAL	Mode	12	13-1		1.8333
13	0	LIVE			13-1		0
13	0.45833	LIVE			13-1		0.45833
13	0.91666	LIVE			13-1		0.91666
13	1.37498	LIVE			13-1		1.37498
13	1.8333	LIVE			13-1		1.8333
13	0	DCON1			13-1		0
13	0.45833	DCON1			13-1		0.45833
13	0.91666	DCON1			13-1		0.91666
13	1.37498	DCON1			13-1		1.37498
13	1.8333	DCON1			13-1		1.8333
13	0	DCON2			13-1		0
13	0.45833	DCON2			13-1		0.45833
13	0.91666	DCON2			13-1		0.91666
13	1.37498	DCON2			13-1		1.37498
13	1.8333	DCON2			13-1		1.8333
14	0	DEAD			14-1		0
14	0.45833	DEAD			14-1		0.45833
14	0.91666	DEAD			14-1		0.91666
14	1.37498	DEAD			14-1		1.37498
14	1.8333	DEAD			14-1		1.8333
14	0	MODAL	Mode	1	14-1		0
14	0.45833	MODAL	Mode	1	14-1		0.45833
14	0.91666	MODAL	Mode	1	14-1		0.91666
14	1.37498	MODAL	Mode	1	14-1		1.37498
14	1.8333	MODAL	Mode	1	14-1		1.8333
14	0	MODAL	Mode	2	14-1		0
14	0.45833	MODAL	Mode	2	14-1		0.45833
14	0.91666	MODAL	Mode	2	14-1		0.91666
14	1.37498	MODAL	Mode	2	14-1		1.37498
14	1.8333	MODAL	Mode	2	14-1		1.8333
14	0	MODAL	Mode	3	14-1		0
14	0.45833	MODAL	Mode	3	14-1		0.45833
14	0.91666	MODAL	Mode	3	14-1		0.91666
14	1.37498	MODAL	Mode	3	14-1		1.37498
14	1.8333	MODAL	Mode	3	14-1		1.8333
14	0	MODAL	Mode	4	14-1		0
14	0.45833	MODAL	Mode	4	14-1		0.45833
14	0.91666	MODAL	Mode	4	14-1		0.91666
14	1.37498	MODAL	Mode	4	14-1		1.37498
14	1.8333	MODAL	Mode	4	14-1		1.8333

Table: Element Forces - Frames, Part 2 of 3						
Frame	Station	Output Code	Step Type	Displacement	Force/Unit	Reaction/Unit
	m					m
14	1.37498	MODAL	Mode 1	4	14-1	1.37498
14	1.81333	MODAL	Mode 4	4	14-1	1.83333
14	0	MODAL	Mode 5	5	14-1	0
14	0.45833	MODAL	Mode 5	5	14-1	0.45833
14	0.91665	MODAL	Mode 5	5	14-1	0.91633
14	1.37498	MODAL	Mode 5	5	14-1	1.37498
14	1.81333	MODAL	Mode 5	5	14-1	1.83333
14	0	MODAL	Mode 6	6	14-1	0
14	0.45833	MODAL	Mode 6	6	14-1	0.45833
14	0.91665	MODAL	Mode 6	6	14-1	0.91665
14	1.37498	MODAL	Mode 6	7	14-1	1.37498
14	1.83333	MODAL	Mode 6	7	14-1	1.83333
14	0	MODAL	Mode 7	7	14-1	0
14	0.45833	MODAL	Mode 7	7	14-1	0.45833
14	0.91665	MODAL	Mode 7	7	14-1	0.91665
14	1.83333	MODAL	Mode 8	8	14-1	1.83333
14	0	MODAL	Mode 9	9	14-1	0
14	0.45833	MODAL	Mode 9	9	14-1	0.45833
14	0.91665	MODAL	Mode 9	9	14-1	0.91665
14	1.37498	MODAL	Mode 9	9	14-1	1.37498
14	1.83333	MODAL	Mode 10	10	14-1	1.83333
14	0.45833	MODAL	Mode 10	10	14-1	0.45833
14	0.91665	MODAL	Mode 10	10	14-1	0.91665
14	1.37498	MODAL	Mode 10	10	14-1	1.37498
14	1.83333	MODAL	Mode 10	10	14-1	1.83333
14	0	MODAL	Mode 11	11	14-1	0
14	0.45833	MODAL	Mode 11	11	14-1	0.45833
14	0.91665	MODAL	Mode 11	11	14-1	0.91665
14	1.37498	MODAL	Mode 11	11	14-1	1.37498
14	1.83333	MODAL	Mode 11	11	14-1	1.83333
14	0	MODAL	Mode 12	12	14-1	0
14	0.45833	MODAL	Mode 12	12	14-1	0.45833
14	0.91665	MODAL	Mode 12	12	14-1	0.91665
14	1.37498	MODAL	Mode 12	12	14-1	1.37498
14	1.83333	MODAL	Mode 12	12	14-1	1.83333
14	0	LIVE			14-1	0
14	0.45833	LIVE			14-1	0.45833
14	0.91665	LIVE			14-1	0.91665
14	1.37498	LIVE			14-1	1.37498
14	1.83333	LIVE			14-1	1.83333
14	0	DCON1			14-1	0
14	0.45833	DCON1			14-1	0.45833
14	0.91665	DCON1			14-1	0.91665
14	1.37498	DCON1			14-1	1.37498
14	1.83333	DCON1			14-1	1.83333
14	0	DCON2			14-1	0
14	0.45833	DCON2			14-1	0.45833

Table: Element Formas - Frames, Part 3 of 3						
Frame	Station	ObjectComp	ObjType	Quantity	Position	Structural
14	0,91685	DCON2			14-1	0,91685
14	1,37488	DCON2			14-1	1,37488
14	1,8333	DCON2			14-1	1,8333
15	0,45833	DEAD			15-1	0
15	0,91685	DEAD			15-1	0,45833
15	1,37488	DEAD			15-1	0,91685
15	1,8333	DEAD			15-1	1,37488
15	0, MODAL	Mode		1,	15-1	0
15	0,45833	MODAL	Mode	1,	15-1	0,45833
15	0,91685	MODAL	Mode	1,	15-1	0,91685
15	1,37488	MODAL	Mode	1,	15-1	1,37488
15	1,8333	MODAL	Mode	1,	15-1	1,8333
15	0, MODAL	Mode		2,	15-1	0
15	0,45833	MODAL	Mode	2,	15-1	0,45833
15	0,91685	MODAL	Mode	2,	15-1	0,91685
15	1,37488	MODAL	Mode	2,	15-1	1,37488
15	1,8333	MODAL	Mode	2,	15-1	1,8333
15	0, MODAL	Mode		3,	15-1	0
15	0,45833	MODAL	Mode	3,	15-1	0,45833
15	0,91685	MODAL	Mode	3,	15-1	0,91685
15	1,37488	MODAL	Mode	3,	15-1	1,37488
15	1,8333	MODAL	Mode	3,	15-1	1,8333
15	0, MODAL	Mode		4,	15-1	0
15	0,45833	MODAL	Mode	4,	15-1	0,45833
15	0,91685	MODAL	Mode	4,	15-1	0,91685
15	1,37488	MODAL	Mode	4,	15-1	1,37488
15	1,8333	MODAL	Mode	4,	15-1	1,8333
15	0, MODAL	Mode		5,	15-1	0
15	0,45833	MODAL	Mode	5,	15-1	0,45833
15	0,91685	MODAL	Mode	5,	15-1	0,91685
15	1,37488	MODAL	Mode	5,	15-1	1,37488
15	1,8333	MODAL	Mode	5,	15-1	1,8333
15	0, MODAL	Mode		6,	15-1	0
15	0,45833	MODAL	Mode	6,	15-1	0,45833
15	0,91685	MODAL	Mode	6,	15-1	0,91685
15	1,37488	MODAL	Mode	6,	15-1	1,37488
15	1,8333	MODAL	Mode	6,	15-1	1,8333
15	0, MODAL	Mode		7,	15-1	0
15	0,45833	MODAL	Mode	7,	15-1	0,45833
15	0,91685	MODAL	Mode	7,	15-1	0,91685
15	1,37488	MODAL	Mode	7,	15-1	1,37488
15	1,8333	MODAL	Mode	7,	15-1	1,8333
15	0, MODAL	Mode		8,	15-1	0
15	0,45833	MODAL	Mode	8,	15-1	0,45833
15	0,91685	MODAL	Mode	8,	15-1	0,91685
15	1,37488	MODAL	Mode	8,	15-1	1,37488
15	1,8333	MODAL	Mode	8,	15-1	1,8333
15	0, MODAL	Mode		9,	15-1	0
15	0,45833	MODAL	Mode	9,	15-1	0,45833
15	0,91685	MODAL	Mode	9,	15-1	0,91685
15	1,37488	MODAL	Mode	9,	15-1	1,37488
15	1,8333	MODAL	Mode	9,	15-1	1,8333
15	0, MODAL	Mode		10,	15-1	0

Frame	Station m	Output Code	ElemType	Members	Translations	Rotations
18	0.45833	MODAL	Mode	10, 15-1	0.45833	
15	0.91865	MODAL	Mode	10, 15-1	0.91865	
15	1.37498	MODAL	Mode	10, 15-1	1.37498	
15	1.8333	MODAL	Mode	10, 15-1	1.8333	
15	0	MODAL	Mode	11, 15-1	0	
15	0.45133	MODAL	Mode	11, 15-1	0.45833	
15	0.91665	MODAL	Mode	11, 15-1	0.91865	
15	1.37498	MODAL	Mode	11, 15-1	1.37498	
15	1.8333	MODAL	Mode	11, 15-1	1.8333	
15	0	MODAL	Mode	12, 15-1	0	
15	0.45833	MODAL	Mode	12, 15-1	0.45833	
15	0.91665	MODAL	Mode	12, 15-1	0.91665	
15	1.37498	MODAL	Mode	12, 15-1	1.37498	
15	1.8333	MODAL	Mode	12, 15-1	1.8333	
15	0	LIVE		15-1	0	
15	0.45833	LIVE		15-1	0.45833	
15	0.91665	LIVE		15-1	0.91665	
15	1.37498	LIVE		15-1	1.37498	
15	1.8333	LIVE		15-1	1.8333	
15	0	DCON1		16-1	0	
15	0.45833	DCON1		16-1	0.45833	
15	0.91865	DCON1		16-1	0.91865	
15	1.37498	DCON1		16-1	1.37498	
15	1.8333	DCON1		16-1	1.8333	
15	0	DCON2		15-1	0	
15	0.45833	DCON2		15-1	0.45833	
15	0.91865	DCON2		15-1	0.91865	
15	1.37498	DCON2		15-1	1.37498	
15	1.8333	DCON2		15-1	1.8333	
15	0	DEAD		16-1	0	
15	0.45833	DEAD		16-1	0.45833	
15	0.91665	DEAD		16-1	0.91665	
15	1.37498	DEAD		16-1	1.37498	
15	1.8333	DEAD		16-1	1.8333	
18	0	MODAL	Mode	1, 16-1	0	
18	0.47333	MODAL	Mode	1, 16-1	0.45233	
18	0.91665	MODAL	Mode	1, 16-1	0.91666	
18	1.37498	MODAL	Mode	1, 16-1	1.37498	
15	1.8333	MODAL	Mode	1, 16-1	1.8333	
15	0	MODAL	Mode	2, 16-1	0	
15	0.47333	MODAL	Mode	2, 16-1	0.45833	
15	0.91665	MODAL	Mode	2, 16-1	0.91666	
15	1.37498	MODAL	Mode	2, 16-1	1.37498	
15	1.8333	MODAL	Mode	3, 16-1	1.8333	
15	0	MODAL	Mode	4, 16-1	0	
15	0.45833	MODAL	Mode	3, 16-1	0.47333	
15	0.91865	MODAL	Mode	3, 16-1	0.91866	
15	1.37498	MODAL	Mode	3, 16-1	1.37493	
15	1.8333	MODAL	Mode	3, 16-1	1.8333	
15	0	MODAL	Mode	4, 16-1	0	
15	0.47333	MODAL	Mode	4, 16-1	0.46833	
15	0.91865	MODAL	Mode	4, 16-1	0.91866	
15	1.37498	MODAL	Mode	4, 16-1	1.37498	
15	1.8333	MODAL	Mode	4, 16-1	1.8333	

Frame	Station	Output Case	Temp Type	Members	Frame Nodes	Node Station
	in					in
10	0	MODAL	Mode	5	18-1	0
16	0.45833	MODAL	Mode	5	16-1	0.45833
16	0.91665	MODAL	Mode	5	16-1	0.91665
13	1.37498	MODAL	Mode	5	11-1	1.37498
13	1.8333	MODAL	Mode	5	18-1	1.8333
16	0	MODAL	Mode	8	16-1	0
16	0.45833	MODAL	Mode	8	16-1	0.45833
16	0.91665	MODAL	Mode	8	12-1	0.91665
13	1.37498	MODAL	Mode	8	16-1	1.37498
13	1.8333	MODAL	Mode	8	16-1	1.8333
16	0.45833	MODAL	Mode	7	17-1	0.45833
16	0.91665	MODAL	Mode	7	16-1	0.91665
16	1.37498	MODAL	Mode	7	18-1	1.37498
16	1.8333	MODAL	Mode	7	16-1	1.8333
16	0	MODAL	Mode	8	16-1	0
16	0.45833	MODAL	Mode	8	16-1	0.45833
16	0.91665	MODAL	Mode	8	16-1	0.91665
16	1.37498	MODAL	Mode	8	15-1	1.37498
16	1.8333	MODAL	Mode	8	16-1	1.8333
16	0	MODAL	Mode	9	16-1	0
16	0.45833	MODAL	Mode	9	16-1	0.45833
13	0.91665	MODAL	Mode	9	15-1	0.91665
16	1.37498	MODAL	Mode	9	15-1	1.37498
16	1.8333	MODAL	Mode	9	16-1	1.8333
16	0	MODAL	Mode	10	16-1	0
16	0.45833	MODAL	Mode	10	16-1	0.45833
16	0.91665	MODAL	Mode	10	15-1	0.91665
16	1.37498	MODAL	Mode	10	16-1	1.37498
16	1.8333	MODAL	Mode	10	16-1	1.8333
16	0	MODAL	Mode	11	16-1	0
16	0.45833	MODAL	Mode	11	16-1	0.45833
16	0.91665	MODAL	Mode	11	16-1	0.91665
16	1.37498	MODAL	Mode	11	16-1	1.37498
16	1.8333	MODAL	Mode	11	11-1	1.8333
16	0	MODAL	Mode	12	16-1	0
16	0.45833	MODAL	Mode	12	16-1	0.45833
16	0.91665	MODAL	Mode	12	12-1	0.91665
16	1.37498	MODAL	Mode	12	16-1	1.37498
16	1.8333	MODAL	Mode	12	16-1	1.8333
16	0	LIVE	Mode	12	16-1	1.8333
16	0.45833	LIVE	Mode	16-1	16-1	0.45833
16	0.91665	LIVE	Mode	16-1	16-1	0.91665
16	1.37498	LIVE	Mode	16-1	16-1	1.37498
16	1.8333	LIVE	Mode	16-1	16-1	1.8333
16	0	DCON1	Mode	12-1	12-1	0
16	0.45833	DCON1	Mode	16-1	16-1	0.45833
16	0.91665	DCON1	Mode	16-1	16-1	0.91665
16	1.37498	DCON1	Mode	16-1	16-1	1.37498
16	1.8333	DCON1	Mode	16-1	16-1	1.8333
16	0	DCON2	Mode	16-1	16-1	0
16	0.45833	DCON2	Mode	12-1	12-1	0.45833
16	0.91665	DCON2	Mode	16-1	16-1	0.91665
16	1.37498	DCON2	Mode	16-1	16-1	1.37498

Frame	Station	Output/Zone	Flag Type	Support	Frame/Elem	Element/Node
17	1,8335	DCON2	Mode	1, 17-1	1,8335	0
17	0	DCON2	Mode	1, 17-1	0	0
17	0,45837	DEAD	Mode	1, 17-1	0,45837	0
17	0,91675	DEAD	Mode	1, 17-1	0,91675	0
17	1,37512	DEAD	Mode	1, 17-1	1,37512	0
17	1,8335	DEAD	Mode	1, 17-1	1,8335	0
17	0	MODAL	Mode	1, 17-1	0	0
17	0,45837	MODAL	Mode	1, 17-1	0,45837	0
17	0,91675	MODAL	Mode	1, 17-1	0,91675	0
17	1,37512	MODAL	Mode	1, 17-1	1,37512	0
17	1,8335	MODAL	Mode	1, 17-1	1,8335	0
17	0	MODAL	Mode	2, 17-1	0	0
17	0,45837	MODAL	Mode	2, 17-1	0,45837	0
17	0,91675	MODAL	Mode	2, 17-1	0,91675	0
17	1,37512	MODAL	Mode	2, 17-1	1,37512	0
17	1,8335	MODAL	Mode	2, 17-1	1,8335	0
17	0	MODAL	Mode	3, 17-1	0	0
17	0,45837	MODAL	Mode	3, 17-1	0,45837	0
17	0,91675	MODAL	Mode	3, 17-1	0,91675	0
17	1,37512	MODAL	Mode	3, 17-1	1,37512	0
17	1,8335	MODAL	Mode	3, 17-1	1,8335	0
17	0	MODAL	Mode	4, 17-1	0	0
17	0,45837	MODAL	Mode	4, 17-1	0,45837	0
17	0,91675	MODAL	Mode	4, 17-1	0,91675	0
17	1,37512	MODAL	Mode	4, 17-1	1,37512	0
17	1,8335	MODAL	Mode	4, 17-1	1,8335	0
17	0	MODAL	Mode	5, 17-1	0	0
17	0,45837	MODAL	Mode	5, 17-1	0,45837	0
17	0,91675	MODAL	Mode	5, 17-1	0,91675	0
17	1,37512	MODAL	Mode	5, 17-1	1,37512	0
17	1,8335	MODAL	Mode	5, 17-1	1,8335	0
17	0	MODAL	Mode	6, 17-1	0	0
17	0,45837	MODAL	Mode	6, 17-1	0,45837	0
17	0,91675	MODAL	Mode	6, 17-1	0,91675	0
17	1,37512	MODAL	Mode	6, 17-1	1,37512	0
17	1,8335	MODAL	Mode	6, 17-1	1,8335	0
17	0	MODAL	Mode	7, 17-1	0	0
17	0,45837	MODAL	Mode	7, 17-1	0,45837	0
17	0,91675	MODAL	Mode	7, 17-1	0,91675	0
17	1,37512	MODAL	Mode	7, 17-1	1,37512	0
17	1,8335	MODAL	Mode	7, 17-1	1,8335	0
17	0	MODAL	Mode	8, 17-1	0	0
17	0,45837	MODAL	Mode	8, 17-1	0,45837	0
17	0,91675	MODAL	Mode	8, 17-1	0,91675	0
17	1,37512	MODAL	Mode	8, 17-1	1,37512	0
17	1,8335	MODAL	Mode	8, 17-1	1,8335	0
17	0	MODAL	Mode	9, 17-1	0	0
17	0,45837	MODAL	Mode	9, 17-1	0,45837	0
17	0,91675	MODAL	Mode	9, 17-1	0,91675	0
17	1,37512	MODAL	Mode	9, 17-1	1,37512	0
17	1,8335	MODAL	Mode	9, 17-1	1,8335	0
17	0	MODAL	Mode	10, 17-1	0	0
17	0,45837	MODAL	Mode	10, 17-1	0,45837	0
17	0,91675	MODAL	Mode	10, 17-1	0,91675	0

Frame	Station	Output/Zone	Flag Type	Support	Frame/Elem	Element/Node
17	1,37512	MODAL	Mode	10, 17-1	1,37512	0
17	1,8335	MODAL	Mode	10, 17-1	1,8335	0
17	0	MODAL	Mode	11, 17-1	0	0
17	0,45837	MODAL	Mode	11, 17-1	0,45837	0
17	0,91675	MODAL	Mode	11, 17-1	0,91675	0
17	1,37512	MODAL	Mode	11, 17-1	1,37512	0
17	1,8335	MODAL	Mode	11, 17-1	1,8335	0
17	0	MODAL	Mode	12, 17-1	0	0
17	0,45837	MODAL	Mode	12, 17-1	0,45837	0
17	0,91675	MODAL	Mode	12, 17-1	0,91675	0
17	1,37512	MODAL	Mode	12, 17-1	1,37512	0
17	1,8335	MODAL	Mode	12, 17-1	1,8335	0
17	0	LIVE	Mode	17-1	0	0
17	0,45837	LIVE	Mode	17-1	0,45837	0
17	0,91675	LIVE	Mode	17-1	0,91675	0
17	1,37512	LIVE	Mode	17-1	1,37512	0
17	1,8335	LIVE	Mode	17-1	1,8335	0
17	0	DCON1	Mode	17-1	0	0
17	0,45837	DCON1	Mode	17-1	0,45837	0
17	0,91675	DCON1	Mode	17-1	0,91675	0
17	1,37512	DCON1	Mode	17-1	1,37512	0
17	1,8335	DCON1	Mode	17-1	1,8335	0
17	0	DCON2	Mode	17-1	0	0
17	0,45837	DCON2	Mode	17-1	0,45837	0
17	0,91675	DCON2	Mode	17-1	0,91675	0
17	1,37512	DCON2	Mode	17-1	1,37512	0
17	1,8335	DCON2	Mode	17-1	1,8335	0

Table: Frame Loads - Distributed, Part 1 of 3

Frame	Load/Type	Load/Type	Type	Dir	DistType	RelDist
1	DEAD	GLOBAL	Force	Z	RelDist	0
2	DEAD	GLOBAL	Force	Z	RelDist	0
3	DEAD	GLOBAL	Force	Z	RelDist	0
4	DEAD	GLOBAL	Force	Z	RelDist	0
4	DEAD	GLOBAL	Force	Z	RelDist	0
4	LIVE	GLOBAL	Force	Z	RelDist	0,4455
5	DEAD	GLOBAL	Force	Z	RelDist	0
5	DEAD	GLOBAL	Force	Z	RelDist	0
5	LIVE	GLOBAL	Force	Z	RelDist	0
6	DEAD	GLOBAL	Force	Z	RelDist	0
7	DEAD	GLOBAL	Force	Z	RelDist	0
8	DEAD	GLOBAL	Force	Z	RelDist	0
9	DEAD	GLOBAL	Force	Z	RelDist	0
10	DEAD	GLOBAL	Force	Z	RelDist	0
11	DEAD	GLOBAL	Force	Z	RelDist	0
12	DEAD	GLOBAL	Force	Z	RelDist	0
13	DEAD	GLOBAL	Force	Z	RelDist	0
14	DEAD	GLOBAL	Force	Z	RelDist	0
15	DEAD	GLOBAL	Force	Z	RelDist	0

Frame	Load/Type	Load/Type	Type	Dir	DistType	RelDist
17	DEAD	GLOBAL	Force	Z	RelDist	0
17	DEAD	GLOBAL	Force	Z	RelDist	0

Table: Frame Loads - Distributed, Part 2 of 3

Frame	Load/Type	RelDist	AbsDist	Force/LA	Force/LB
1	DEAD	1	0	4,10994	-60
2	DEAD	1	0	4,10994	-60
3	DEAD	1	0	4,10994	-60
4	DEAD	1	0	11	-60
4	DEAD	1	0	11	-10,85
4	LIVE	1	0	11	-21,8
4	LIVE	0,5546	4,9	-100	-400
5	DEAD	1	0	11	-60
5	DEAD	1	0	11	-10,85
5	LIVE	1	0	11	-21,8
6	DEAD	1	0	1,8335	-60
7	DEAD	1	0	1,8335	-60
8	DEAD	1	0	1,8335	-60
9	DEAD	1	0	1,8335	-60
10	DEAD	1	0	1,8335	-60
11	DEAD	1	0	1,8335	-60
12	DEAD	1	0	1,8335	-60
13	DEAD	1	0	1,8335	-60
14	DEAD	1	0	1,8335	-60
15	DEAD	1	0	1,8335	-60
16	DEAD	1	0	1,8335	-60
17	DEAD	1	0	1,8335	-60

Table: Frame Loads - Distributed, Part 3 of 3

Frame	Load/Type	Load/Type	Dir	DistType	RelDist
1	DEAD	2682260-6304-457-04			
2	DEAD	1289766-458-462-51a			
3	DEAD	4264975-043-44de-0bc			
4	DEAD	35647267-1461-4157-02			
5	LIVE	4122724-657-44af-ab1			
6	DEAD	8553367-4034-4830-073			

Frame	Load/Type	Load/Type	Dir	DistType	RelDist
5	LIVE	1676035-5504-456-00e			
6	DEAD	a21c13ae-6026-48ae-03			
7	DEAD	b4d9f06-3273-43ae-07f7			
8	DEAD	c05d582-183c-48f4-26			
9	DEAD	d487594-6256-4696-097			
10	DEAD	4ae5a53-8901-4a7b-b5			
11	DEAD	a258a05077600			
12	DEAD	26d5b75-6744-4322-83			
13	DEAD	a3b5ca12-0175-4843-0f			
14	DEAD	2225c8c-8251-4803-a22			
15	DEAD	9-a01a0d0d23eb			
16	DEAD	e559720c-c86c-4c53-b5c			
17	DEAD	2303a522-f0c4-49-f479			

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

Section/Name	Material	Shape	I3	I2	Area	Torsion
10_40	4000Psi	Rectangular	0,6	1,4	0,7	0,045226
120_40	4000Psi	Rectangular	0,4	1,8	0,84	0,026799
240_100	4000Psi	Rectangular	1	2,4	2,4	0,580827
60_40	4000Psi	Rectangular	0,4	0,83	0,212	0,016776
60_50	4000Psi	Rectangular	0,5	0,83	0,265	0,009625

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

Section/Name	I3	I2	I4	AB2	AB3	S33	S32
140_50	0,014593	0,114533	0	0,587133	0,583333	0,058333	0,163333
160_40	0,00773	0,136533	0	0,533333	0,533333	0,045667	0,170667
240_100	0,2	1,152	0	2	2	2	0,0
50_40	0,002827	0,004963	0	0,176867	0,176837	0,014137	0,016727
50_50	0,005921	0,006203	0	0,220833	0,220833	0,022083	0,023409

Table: Frame Section Properties 03 - Concrete Beam

SectionName	RebarID1	RebarID2	TopCover	BotCover	TopRebar	TopRebarArea	TopRebarArea	BotRebarArea	BotRebarArea
S3_90	A816Gr90	A816Gr90	0.05	0.06	2	0.0002	0.0002	0.0002	0.0002

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

Table: Frame Section Properties 13 - Time Dependent				
SectionName	TypeSize	AutoYMin	AutoYMax	UnitYMin

Size of Sample	Control	IN	OUT	IN
140_80	Auto	0.36842	1.	
180_40	User	0.	1.	0.1
240_100	Auto	0.70588	1.	
53_40	User	0.	1.	0.1
53_60	User	0.	1.	0.1

Table: Joint Spring Assignments 1 - Uncoupled

[illegible]**Table: Load Pattern Definitions**

LoadPat	Dmgntype	SailWght	AutoLead	PctLead	GND	Hood
DEAD	Dead	1.				
LIVE	Live	0.				

Table: Material Properties 01 - General, Part 1 of 2

Material	Type	Grade	Symbol	Temperature	Solder	GUID
4000pi	Conduct	Grade 270	Isotropic Uniaxial	No	Blue	
A4169270				No	Magenta	06111610-0004300-0
A615060	Rebar		Uniaxial	No		1-0874148610

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

Section Name	Axial	Ixx	Iyy	Jzz	WplX	WplY	QIUD
140_80	1.	1.	1.	1.	1.	1.	
180_40	1.	1.	1.	1.	1.	1.	
240_100	1.	1.	1.	1.	1.	1.	
S3_40	1.	1.	1.	1.	1.	1.	
S3_50	1.	1.	1.	1.	1.	1.	

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

Section/Location	Notes
140_80	Added 3/8/2022 2:43:50 PM
180_40	Added 3/1/2022 2:48:24 PM
240_100	Added 2/17/2022 2:28:10 II
53_40	Added 3/3/2022 2:47:17 PM
53_80	Added 3/8/2022 2:46:29 PM

Table: Frame Section Properties 03 - Concrete Beam

BeamName	RebarID1	RebarID2	TopCover	BotCover	TopLapLen	TopLapLen	TopLapLen	BotLapLen	BotLapLen	BotLapLen
140_80	A815Gr0	A815Gr0	0.08	0.08	0	0	0	0	0	0
140_40	A815Gr0	A816Gr0	0.08	0.08	0	0	0	0	0	0
240_100	A815Gr0	A817Gr0	0.08	0.08	0	0	0	0	0	0
53_40	A815Gr0	A815Gr0	0.08	0.08	0	0	0	0	0	0

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Material	Type	Grade	SpunType	TempDepos	Color	GLSD
AC12Pv50	Steel		Imbrant	100%	Green/Red	

Table: Material Properties 01 - General, Part 2 of 2

Material	Notes
4000Psi	Normalweight fc = 4 ksi added 3/8/2020 2:40 40 PM
A418G270	ASTM A418 Grade 270 217/2022 3/4/17 70
A615Gr60	ASTM A615 Grade 60 added 3/9/2020 1:43:50 PM
A892Fy50	ASTM A892 Fy=60 ksi added

Table: Material Properties 02 - Basic Mechanical Properties

Resin	Units/Modulus KN/mm ²	Units/Modulus KN/cm ²	E1 KN/mm ²	E2 KN/mm ²	U12	A1 UC
4080Pz	2,3936E+01	2,4038E+00	24555578.28	10356490.95	0.2	8,000E-00
A4180Zr7B	7,687E+01	7,6493E+00	196500592.9			1,1700E-05
A61S60R	6,6873E+01	7,6493E+00	19949778.8			1,1700E-05
A89ZrY50	7,6873E+01	7,6493E+00	18947704.7	76903058.77	0.3	1,1700E-05

Table: Material Properties 03a - Steel Data, Part 1 of 2

Table: Material Properties US - Steel Data, Part 1 of 2								
Material	Fy	Fu	RMFy	RMFu	SSCurveOpt	SSHydType	%Hard	SSMax
	KSI	KSI	KSI	KSI				
A502Fy80	34477.83	44519.25	37921.68	432975.18	Simple	Kinematic	0.15	0.11

Table: Material Properties 03a - Steel Data, Part 2 of 2

Material	4Rup	Final Slope
A982Fv30	0.17	0.1

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

Table: Material Properties 03b- Concrete Data, Part 1 of 2								
Material	Fc K04m2	eF K04m2	LNWCons	SBConcOpt	SBHyType	SFb	SCap	FinalSlope
4000Psi	27579.03	27.579.03	No	Mander	Takeda	0.002219	0.005	-0.1

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

Material	Angle Degrees	Angle Degrees
4000Psi	0	0

Table: Material Properties 03e - Rebar Data, Part 1 of 2

Table: Material Properties 03a - Rebar Data, Part 1 of 2							
MatID	Fy ksi	Fu ksi	ESF ksi	ESF2 ksi	ISCurveOpt	EMType	Hard
A016Gr60	41.28647	620621.21	455064.02	52521.03	Single	Weldable	60

Table: Material Properties 03e - Rebar Data, Part 2 of 2

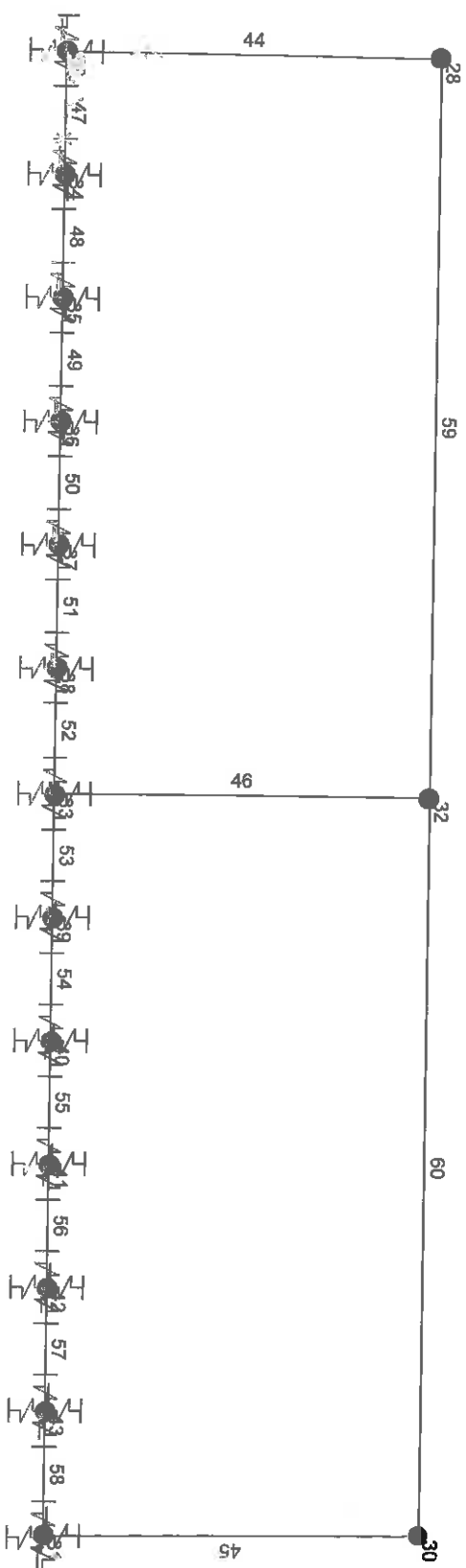
Material	Final Scope	Use CTD
AR16CrNi	-0.1	Mo

Table: Material Properties 03f - Tendon Data

Table: Material Properties G3F - Tendon Data					
Material	Fy N/mm2	Fu N/mm2	BBCurveOpt	BBStnType	FRMSlope
A416Gr270	1870005.10	1581584.83	270 ksi	Kinematic	0.1

Table: Material Properties 06 - Damping Parameters

Material	Modulus	Viscosity 1/Sec	Viscosity Sec	Hysteresis 1/Sec	Hysteresis
4000Psi	0	0	0	0	0
A41-G/270	0	0	0	0	0
A615Gr60	0	0	0	0	0
A962Fy50	0	0	0	0	0



ΦΟΡΤΙΑ ΥΠΟΛΟΓΙΣΜΟΥ ΤΕΧΝΙΚΟΥ R2
(DIN – Fachbericht 101)

- 1) Ιδιο βάρος οπλισμένου σκυροδέματος
(Εφαρμόζεται στην πλάκα καταστρώματος και στα βάθρα) 25,00 KN/m3

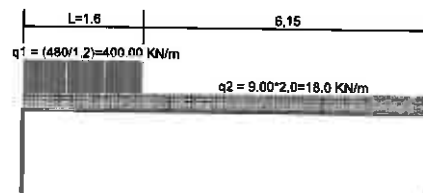
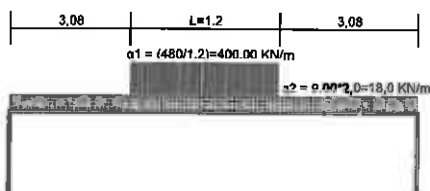
- 2) Πρόσθετο Μόνιμο
Ιδιο βάρος σόπλου σκυροδέματος
Μέσο πάχος στρώσης
- | | |
|-------|-------|
| 24,00 | KN/m3 |
| 0,09 | m |
| 2,16 | KN/m2 |

- Ιδιο βάρος ασφαλικών στρώσεων
Συνολικό πάχος ασφαλικού
- | | |
|-------|-------|
| 24,00 | KN/m3 |
| 0,1 | m |
| 2,40 | KN/m2 |

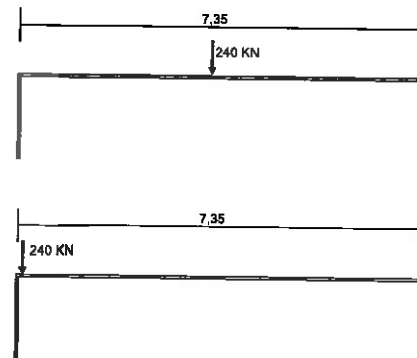
- Συνολικό πρόσθετο μόνιμο 4,56 KN/m2

- 3A) Προσσομοίωμα φόρτισης 1 (ΠΦ1)

- Ανοήγμα 7,35 m
Πλάτος φόρτισης 2,40 m
Μήκος οχήματος 1,20 m
Φορτίο οχήματος 480 KN



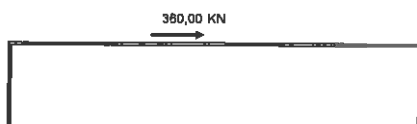
- 4) Προσσομοίωμα φόρτισης 2 (ΠΦ2)



- 5) Τροχοπέδηση +
Συνολικό μήκος τεχνικού L = 8,75 m

Συνολική δύναμη τροχοπέδησης
 $Q_{lk} = 0.8 \cdot (a \cdot Q_l) \cdot (2 \cdot Q_{lk}) + 0.10 \cdot a \cdot q_{lk} \cdot w \cdot L = 360.00 \leq 360.00 \text{ KN} \leq 900$

- $a \cdot Q_l = 1,00$
 $Q_{lk} = 240,00 \text{ KN}$
 $a \cdot q_l = 1,00$
 $q_{lk} = 9,00 \text{ KN/m}^2$
 $w = 3,00 \text{ m}$



- 6) Τροχοπέδηση -



- 7) Θερμοκρασιακή μεταβολή -

- Ελάχιστη θερμοκρασία υπό σκιά -20,00 °C
Μέγιστη θερμοκρασία υπό σκιά 45,00 °C
 $T_{min} = -13,00 \text{ °C}$
 $T_{max} = 45,00 \text{ °C}$
 $T_o = 15,00 \text{ °C}$
 $\Delta T_{N,neg} = -28,00 \text{ °C}$
 $\alpha = 10^{-5} \rightarrow \Delta L = -0,00028$

- 8) Θερμοκρασιακή μεταβολή +

$\Delta T_{N,pos} = 30,00 \text{ °C}$
 $\alpha = 10^{-5} \rightarrow \Delta L = 0,00030$

- 9) Διαφορική θερμοκρασιακή μεταβολή -

(Κάτω πλευρά πιο θερμή)
Πάχος φορέα = 0,70 m
 $\Delta T_{N,neg} = -8,00 \text{ °C}$
Καμπυλότητα = $-8,00 \cdot (10^{-5}/h) = -0,000114$

- 10) Διαφορική θερμοκρασιακή μεταβολή +

(Άνω πλευρά πιο θερμή)
Πάχος επίστρωσης (0, 50, 80, 100, 150, 300 mm) = 100 mm
Συντελεστής επηρείρας = 0,70
 $\Delta T_{N,pos} = 10,50 \text{ °C}$
Καμπυλότητα = $10,50 \cdot (10^{-5}/h) = 0,000150$

- 11) Ωθήσεις γαιών ηρεμίας
 $\varphi = 30^\circ \rightarrow K_o = 1 - \sin \varphi = 0,5$

Ύψος εφαρμογής H = 4,85 m
Ειδικό βάρος εδάφους γ = 20,00 KN/m3

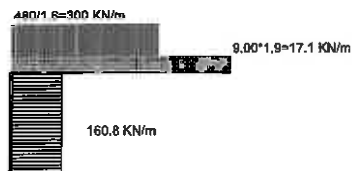
Αναπτυσσόμενες ωθήσεις = $K_o \cdot H \cdot \gamma =$



12) Κινητά πίσω από ακρόβαθρο -

$$q1^*K_0 + q2^*K_0 =$$

180,80 KN/m



13) Κινητά πίσω από ακρόβαθρο +

-168,65 KN/m

14) Σεισμός στα μόνιμα φορτία και στα φορτία κυκλοφορίας+

Μόνιμα φορτία
Πάχος βόθρων
Αριθμός βόθρων
Σεισμικός συντελεστής
Συντελεστής σπουδαιότητας
Συντελεστής θεμελίωσης
 $\beta_0 =$
 $\alpha =$

0,70 m
2
0,24
1,00
1,00
2,50
0,80

Σεισμικό φορτίο
Ανωδομή
Βάθρα
Πλάτος φόρτισης
Ανωδομή
Βάθρα

10,5 KN/m2
10,50 KN/m2
2,40 m
25,20 KN/m
25,20 KN/m

Πρόσθετα μόνιμα
Συνολικό πρόσθετο μόνιμο
Σεισμικό φορτίο
Πλάτος φόρτισης
Ανωδομή

4,55 KN/m2
2,74 KN/m2
2,40 m
6,57 KN/m

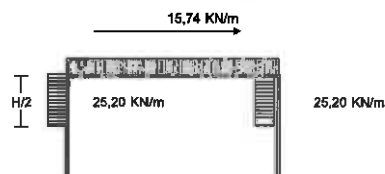
Κινητά φορτία

Αναγωγή κύριου σχήματος σε καταμετρημένο φορτίο x 0.2
Λοιπά καταμετρημένο φορτίο x 0.2

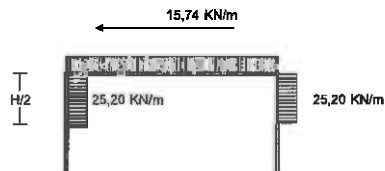
10,87 KN/m
4,32 KN/m

*Άθροισμα γραμμικών φορτίων ανωδομής

15,29 KN/m



15) Σεισμός στα μόνιμα φορτία και στα φορτία κυκλοφορίας-



16) Ωθήσεις σεισμού αντίθετες

Τοίχοι πρακτικώς αμετακίνητοι
 $\sigma_1 = 0,5^* \alpha^* \gamma^* H^2 \cdot 2,4 =$ 27,94 KN/m
 $\sigma_2 = 1,5^* \alpha^* \gamma^* H^2 \cdot 2,4 =$ 83,81 KN/m



17) Ωθήσεις σεισμού αμόφορες +

Τοίχοι με περιορισμένη δυνατότητα μετακίνησης
 $\sigma_1 = 0,75^* \alpha^* \gamma^* H^2 \cdot 2,4 =$ 41,90 KN/m



18) Ωθήσεις σεισμού αμόφορες -



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Table: Element Forces - Frames, Part 1 of 3

Frame	Station	CaseType	ElemType	ElemType	ElemType	P	V1	V2	V3
44	0	DEAD	LinStatic			-325.728	-27.163	0	0
44	2.07119	DEAD	LinStatic			-494.728	-27.163	0	0
44	4.14239	DEAD	LinStatic			-883.719	-27.163	0	0
44	0	MODAL	LinModal	Mode	1	5.041E-07	-2.404E-07	913.569	
44	2.07119	MODAL	LinModal	Mode	1	5.041E-07	-2.404E-07	913.569	
44	4.14239	MODAL	LinModal	Mode	1	5.041E-07	-2.404E-07	913.569	
44	0	MODAL	LinModal	Mode	2	-5.818E-04	2.292E-05	3546.406	
44	2.07119	MODAL	LinModal	Mode	2	-5.818E-04	2.292E-05	3546.406	
44	4.14239	MODAL	LinModal	Mode	2	-5.818E-04	2.292E-05	3546.406	
44	0	MODAL	LinModal	Mode	3	3.497,211	-2502,452	7,112E-07	
44	2.07119	MODAL	LinModal	Mode	3	3.497,211	-2502,452	7,112E-07	
44	4.14239	MODAL	LinModal	Mode	3	3.497,211	-2502,452	7,112E-07	
44	0	MODAL	LinModal	Mode	4	8230,2	19,1674	-1,030E-06	
44	2.07119	MODAL	LinModal	Mode	4	8230,2	19,1674	-1,030E-06	
44	4.14239	MODAL	LinModal	Mode	4	8230,2	19,1674	-1,030E-06	
44	0	MODAL	LinModal	Mode	5	-87,42,478	-4,485,382	-2,438E-07	
44	2.07119	MODAL	LinModal	Mode	5	-87,42,478	-4,485,382	-2,438E-07	
44	4.14239	MODAL	LinModal	Mode	5	-87,42,478	-4,485,382	-2,438E-07	
44	0	MODAL	LinModal	Mode	6	-5219,64	-8590,02	3,110E-07	
44	2.07119	MODAL	LinModal	Mode	6	-5219,64	-8590,02	3,110E-07	
44	4.14239	MODAL	LinModal	Mode	6	-5219,64	-8590,02	3,110E-07	
44	0	MODAL	LinModal	Mode	7	4,244E-04	2,045E-05	-1,051,145	
44	2.07119	MODAL	LinModal	Mode	7	4,244E-04	2,045E-05	-1,051,145	
44	4.14239	MODAL	LinModal	Mode	7	4,244E-04	2,045E-05	-1,051,145	
44	0	MODAL	LinModal	Mode	8	-3,761E-04	-1,648E-04	7501,044	
44	2.07119	MODAL	LinModal	Mode	8	-3,761E-04	-1,648E-04	7501,044	
44	4.14239	MODAL	LinModal	Mode	8	-3,761E-04	-1,648E-04	7501,044	
44	0	MODAL	LinModal	Mode	9	2,951E-03	-1,987E-04	3852,11	
44	2.07119	MODAL	LinModal	Mode	9	2,951E-03	-1,987E-04	3852,11	
44	4.14239	MODAL	LinModal	Mode	9	2,951E-03	-1,987E-04	3852,11	
44	0	MODAL	LinModal	Mode	10	-2,110,395	-12,153,235	-1,481E-05	
44	2.07119	MODAL	LinModal	Mode	10	-2,110,395	-12,153,235	-1,481E-05	
44	4.14239	MODAL	LinModal	Mode	10	-2,110,395	-12,153,235	-1,481E-05	
44	0	MODAL	LinModal	Mode	11	1,473E-03	-1,157E-04	-1,0753,876	
44	2.07119	MODAL	LinModal	Mode	11	1,473E-03	-1,157E-04	-1,0753,876	
44	4.14239	MODAL	LinModal	Mode	11	1,473E-03	-1,157E-04	-1,0753,876	
44	0	MODAL	LinModal	Mode	12	-2,9623,772	-15,893,327	7,857E-06	
44	2.07119	MODAL	LinModal	Mode	12	-2,9623,772	-15,893,327	7,857E-06	
44	4.14239	MODAL	LinModal	Mode	12	-2,9623,772	-15,893,327	7,857E-06	
44	0	LIVE	LinStatic			-268,161	62,03	0	0
44	2.07119	LIVE	LinStatic			-268,161	62,03	0	0
44	4.14239	LIVE	LinStatic			-268,161	62,03	0	0
44	0	DOON1	Combination			-439,773	-5,67	0	0
44	2.07119	DOON1	Combination			-439,773	-5,67	0	0
44	4.14239	DOON1	Combination			-439,773	-5,67	0	0
44	0	DOON2	Combination			-642,014	55,375	0	0
44	2.07119	DOON2	Combination			-642,014	55,375	0	0
44	4.14239	DOON2	Combination			-642,014	55,375	0	0
45	0	DEAD	LinStatic			-325.709	27,723	0	0
45	2.07119	DEAD	LinStatic			-494.69	27,723	0	0
45	4.14239	DEAD	LinStatic			-883.67	27,723	0	0
45	0	MODAL	LinModal	Mode	1	-4,822E-05	2,833E-07	913,768	
45	2.07119	MODAL	LinModal	Mode	1	-4,822E-05	2,833E-07	913,768	

Frame	Station	OutputCase	CaseType	StepType	StepNum	P	U1	U2	U3	U4	U5	U6	U7	U8	U9	U10	U11	U12	U13	U14	U15	U16	U17	U18	U19	U20	U21	U22	U23	U24	U25	U26	U27	U28	U29	U30	U31	U32	U33	U34	U35	U36	U37	U38	U39	U40	U41	U42	U43	U44	U45	U46	U47	U48	U49	U50	U51	U52	U53	U54	U55	U56	U57	U58	U59	U60	U61	U62	U63	U64	U65	U66	U67	U68	U69	U70	U71	U72	U73	U74	U75	U76	U77	U78	U79	U80	U81	U82	U83	U84	U85	U86	U87	U88	U89	U90	U91	U92	U93	U94	U95	U96	U97	U98	U99	U100	U101	U102	U103	U104	U105	U106	U107	U108	U109	U110	U111	U112	U113	U114	U115	U116	U117	U118	U119	U120	U121	U122	U123	U124	U125	U126	U127	U128	U129	U130	U131	U132	U133	U134	U135	U136	U137	U138	U139	U140	U141	U142	U143	U144	U145	U146	U147	U148	U149	U150	U151	U152	U153	U154	U155	U156	U157	U158	U159	U160	U161	U162	U163	U164	U165	U166	U167	U168	U169	U170	U171	U172	U173	U174	U175	U176	U177	U178	U179	U180	U181	U182	U183	U184	U185	U186	U187	U188	U189	U190	U191	U192	U193	U194	U195	U196	U197	U198	U199	U200	U201	U202	U203	U204	U205	U206	U207	U208	U209	U210	U211	U212	U213	U214	U215	U216	U217	U218	U219	U220	U221	U222	U223	U224	U225	U226	U227	U228	U229	U230	U231	U232	U233	U234	U235	U236	U237	U238	U239	U240	U241	U242	U243	U244	U245	U246	U247	U248	U249	U250	U251	U252	U253	U254	U255	U256	U257	U258	U259	U260	U261	U262	U263	U264	U265	U266	U267	U268	U269	U270	U271	U272	U273	U274	U275	U276	U277	U278	U279	U280	U281	U282	U283	U284	U285	U286	U287	U288	U289	U290	U291	U292	U293	U294	U295	U296	U297	U298	U299	U300	U301	U302	U303	U304	U305	U306	U307	U308	U309	U310	U311	U312	U313	U314	U315	U316	U317	U318	U319	U320	U321	U322	U323	U324	U325	U326	U327	U328	U329	U330	U331	U332	U333	U334	U335	U336	U337	U338	U339	U340	U341	U342	U343	U344	U345	U346	U347	U348	U349	U350	U351	U352	U353	U354	U355	U356	U357	U358	U359	U360	U361	U362	U363	U364	U365	U366	U367	U368	U369	U370	U371	U372	U373	U374	U375	U376	U377	U378	U379	U380	U381	U382	U383	U384	U385	U386	U387	U388	U389	U390	U391	U392	U393	U394	U395	U396	U397	U398	U399	U400	U401	U402	U403	U404	U405	U406	U407	U408	U409	U410	U411	U412	U413	U414	U415	U416	U417	U418	U419	U420	U421	U422	U423	U424	U425	U426	U427	U428	U429	U430	U431	U432	U433	U434	U435	U436	U437	U438	U439	U440	U441	U442	U443	U444	U445	U446	U447	U448	U449	U450	U451	U452	U453	U454	U455	U456	U457	U458	U459	U460	U461	U462	U463	U464	U465	U466	U467	U468	U469	U470	U471	U472	U473	U474	U475	U476	U477	U478	U479	U480	U481	U482	U483	U484	U485	U486	U487	U488	U489	U490	U491	U492	U493	U494	U495	U496	U497	U498	U499	U500	U501	U502	U503	U504	U505	U506	U507	U508	U509	U510	U511	U512	U513	U514	U515	U516	U517	U518	U519	U520	U521	U522	U523	U524	U525	U526	U527	U528	U529	U530	U531	U532	U533	U534	U535	U536	U537	U538	U539	U540	U541	U542	U543	U544	U545	U546	U547	U548	U549	U550	U551	U552	U553	U554	U555	U556	U557	U558	U559	U560	U561	U562	U563	U564	U565	U566	U567	U568	U569	U570	U571	U572	U573	U574	U575	U576	U577	U578	U579	U580	U581	U582	U583	U584	U585	U586	U587	U588	U589	U590	U591	U592	U593	U594	U595	U596	U597	U598	U599	U600	U601	U602	U603	U604	U605	U606	U607	U608	U609	U610	U611	U612	U613	U614	U615	U616	U617	U618	U619	U620	U621	U622	U623	U624	U625	U626	U627	U628	U629	U630	U631	U632	U633	U634	U635	U636	U637	U638	U639	U640	U641	U642	U643	U644	U645	U646	U647	U648	U649	U650	U651	U652	U653	U654	U655	U656	U657	U658	U659	U660	U661	U662	U663	U664	U665	U666	U667	U668	U669	U670	U671	U672	U673	U674	U675	U676	U677	U678	U679	U680	U681	U682	U683	U684	U685	U686	U687	U688	U689	U690	U691	U692	U693	U694	U695	U696	U697	U698	U699	U700	U701	U702	U703	U704	U705	U706	U707	U708	U709	U710	U711	U712	U713	U714	U715	U716	U717	U718	U719	U720	U721	U722	U723	U724	U725	U726	U727	U728	U729	U730	U731	U732	U733	U734	U735	U736	U737	U738	U739	U740	U741	U742	U743	U744	U745	U746	U747	U748	U749	U750	U751	U752	U753	U754	U755	U756	U757	U758	U759	U760	U761	U762	U763	U764	U765	U766	U767	U768	U769	U770	U771	U772	U773	U774	U775	U776	U777	U778	U779	U780	U781	U782	U783	U784	U785	U786	U787	U788	U789	U790	U791	U792	U793	U794	U795	U796	U797	U798	U799	U800	U801	U802	U803	U804	U805	U806	U807	U808	U809	U810	U811	U812	U813	U814	U815	U816	U817	U818	U819	U820	U821	U822	U823	U824	U825	U826	U827	U828	U829	U830	U831	U832	U833	U834	U835	U836	U837	U838	U839	U840	U841	U842	U843	U844	U845	U846	U847	U848	U849	U850	U851	U852	U853	U854	U855	U856	U857	U858	U859	U860	U861	U862	U863	U864	U865	U866	U867	U868	U869	U870	U871	U872	U873	U874	U875	U876	U877	U878	U879	U880	U881	U882	U883	U884	U885	U886	U887	U888	U889	U890	U891	U892	U893	U894	U895	U896	U897	U898	U899	U900	U901	U902	U903	U904	U905	U906	U907	U908	U909	U910	U911	U912	U913	U914	U915	U916	U917	U918	U919	U920	U921	U922	U923	U924	U925	U926	U927	U928	U929	U930	U931	U932	U933	U934	U935	U936	U937	U938	U939	U940	U941	U942	U943	U944	U945	U946	U947	U948	U949	U950	U951	U952	U953	U954	U955	U956	U957	U958	U959	U960	U961	U962	U963	U964	U965	U966	U967	U968	U969	U970	U971	U972	U973	U974	U975	U976	U977	U978	U979	U980	U981	U982	U983	U984	U985	U986	U987	U988	U989	U990	U991	U992	U993	U994	U995	U996	U997	U998	U999	U1000	U1001	U1002	U1003	U1004	U1005	U1006	U1007	U1008	U1009	U1010	U1011	U1012	U1013	U1014	U1015	U1016	U1017	U1018	U1019	U1020	U1021	U1022	U1023	U1024	U1025	U1026	U1027	U1028	U1029	U1030	U1031	U1032	U1033	U1034	U1035	U1036	U1037	U1038	U1039	U1040	U1041	U1042	U1043	U1044	U1045	U1046	U1047	U1048	U1049	U1050	U1051	U1052	U1053	U1054	U1055	U1056	U1057	U1058	U1059	U1060	U1061	U1062	U1063	U1064	U1065	U1066	U1067	U1068	U1069	U1070	U1071	U1072	U1073	U1074	U1075	U1076	U1077	U1078	U1079	U1080	U1081	U1082	U1083	U1084	U1085	U1086	U1087	U1088	U1089	U1090	U1091	U1092	U1093	U1094	U1095	U1096	U1097	U1098	U1099	U1100	U1101	U1102	U1103	U1104	U1105	U1106	U1107	U1108	U1109	U1110	U1111	U1112	U1113	U1114	U1115	U1116	U1117	U1118	U1119	U1120	U1121	U1122	U1123	U1124	U1125	U1126	U1127	U1128	U1129	U1130	U1131	U1132	U1133	U1134	U1135	U1136	U1137	U1138	U1139	U1140	U1141	U1142	U1143	U1144	U1145	U1146	U1147	U1148	U1149	U1150	U1151	U1152	U1153	U1154	U1155	U1156	U1157	U1158	U1159	U1160	U1161	U1162	U1163	U1164	U1165	U1166	U1167	U1168	U1169	U1170	U1171	U1172	U1173	U1174	U1175	U1176	U1177	U1178	U1179	U1180	U1181	U1182	U1183	U1184	U1185	U1186	U1187	U1188	U1189	U1190	U1191	U1192	U1193	U1194	U1195	U1196	U1197	U1198	U1199	U1200	U1201	U1202	U1203	U1204	U1205	U1206	U1207	U1208	U1209	U1210	U1211	U1212	U1213	U1214	U1215	U1216	U1217	U1218	U1219	U1220	U1221	U1222	U1223	U1224	U1225	U1226	U1227	U1228	U1229	U1230	U1231	U1232	U1233	U1234	U1235	U1236	U1237	U1238	U1239	U1240	U1241	U1242	U1243	U1244	U1245	U1246	U1247	U1248	U1249	U1250	U1251	U1252	U1253	U1254	U1255	U1256	U1257	U1258	U1259	U1260	U1261	U1262	U1263	U1264	U1265	U1266	U1267	U1268	U1269	U1270	U1271	U1272	U1273	U1274	U1275	U1276	U1277	U1278	U1279	U1280	U1281	U1282	U1283	U1284	U1285	U1286	U1287	U1288	U1289	U1290	U1291	U1292	U1293	U1294	U1295	U1296	U1297	U1298	U1299	U1300	U1301	U1302	U1303	U1304	U1305	U1306	U1307	U1308	U1309	U1310	U1311	U1312	U1313	U1314	U1315	U1316	U1317	U1318	U1319	U1320	U1321	U1322	U1323	U1324	U1325	U1326	U1327	U1328	U1329	U1330	U1331	U1332	U1333
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Table: Element Forces - Frames, Part 1 of 3										
Frame	Station	OutputCase	CaseType	StepType	StepNum	P	V1	V2	V3	V4
						KN	KN	KN	KN	KN
52	0.48216	MODAL	LinModal	Mode	5	2500.071	229.722	3.198E-05		
52	0.82432	MODAL	LinModal	Mode	5	2500.071	229.722	3.198E-05		
52	1.38648	MODAL	LinModal	Mode	5	2500.071	229.722	3.198E-05		
52	0	MODAL	LinModal	Mode	6	-4462.03	7707.568	-3.046E-05		
52	0.48216	MODAL	LinModal	Mode	6	-4462.03	7707.568	-3.046E-05		
52	0.82432	MODAL	LinModal	Mode	6	-4462.03	7707.568	-3.046E-05		
52	1.38648	MODAL	LinModal	Mode	6	-4462.03	7707.568	-3.046E-05		
52	0	MODAL	LinModal	Mode	7	5.902E-04	-2.395E-04	-1.680E-06		
52	0.48216	MODAL	LinModal	Mode	7	5.902E-04	-2.395E-04	-1.680E-06		
52	0.82432	MODAL	LinModal	Mode	7	5.902E-04	-2.395E-04	-1.680E-06		
52	1.38648	MODAL	LinModal	Mode	7	5.902E-04	-2.395E-04	-1.680E-06		
52	0	MODAL	LinModal	Mode	8	-1.132E-03	2.335E-05	-3.02E-04		
52	0.48216	MODAL	LinModal	Mode	8	-1.132E-03	2.335E-05	-3.02E-04		
52	0.82432	MODAL	LinModal	Mode	8	-1.132E-03	2.335E-05	-3.02E-04		
52	1.38648	MODAL	LinModal	Mode	8	-1.132E-03	2.335E-05	-3.02E-04		
52	0	MODAL	LinModal	Mode	9	-4.361E-03	8.52E-04	8.2E-02		
52	0.48216	MODAL	LinModal	Mode	9	-4.361E-03	8.52E-04	8.2E-02		
52	0.82432	MODAL	LinModal	Mode	9	-4.361E-03	8.52E-04	8.2E-02		
52	1.38648	MODAL	LinModal	Mode	9	-4.361E-03	8.52E-04	8.2E-02		
52	0	MODAL	LinModal	Mode	10	5.145E-04	6.929E-09	2.807E-03		
52	0.48216	MODAL	LinModal	Mode	10	5.145E-04	6.929E-09	2.807E-03		
52	0.82432	MODAL	LinModal	Mode	10	5.145E-04	6.929E-09	2.807E-03		
52	1.38648	MODAL	LinModal	Mode	10	5.145E-04	6.929E-09	2.807E-03		
52	0	MODAL	LinModal	Mode	11	1.247E-04	8.698E-04	1.235E-03		
52	0.48216	MODAL	LinModal	Mode	11	1.247E-04	8.698E-04	1.235E-03		
52	0.82432	MODAL	LinModal	Mode	11	1.247E-04	8.698E-04	1.235E-03		
52	1.38648	MODAL	LinModal	Mode	11	1.247E-04	8.698E-04	1.235E-03		
52	0	MODAL	LinModal	Mode	12	-1.0043E-04	-3.859E-04	-1.747E-03		
52	0.48216	MODAL	LinModal	Mode	12	-1.0043E-04	-3.859E-04	-1.747E-03		
52	0.82432	MODAL	LinModal	Mode	12	-1.0043E-04	-3.859E-04	-1.747E-03		
52	1.38648	MODAL	LinModal	Mode	12	-1.0043E-04	-3.859E-04	-1.747E-03		
52	0	LIVE	LinStatic	Mode		61.036	-144.478	0		
52	0.48216	LIVE	LinStatic	Mode		61.036	-144.478	0		
52	0.82432	LIVE	LinStatic	Mode		61.036	-144.478	0		
52	1.38648	LIVE	LinStatic	Mode		61.036	-144.478	0		
52	0	DCON1	Combination	Mode		-35.436	-739.111	0		
52	0.48216	DCON1	Combination	Mode		-35.436	-739.111	0		
52	0.82432	DCON1	Combination	Mode		-35.436	-739.111	0		
52	1.38648	DCON1	Combination	Mode		-35.436	-739.111	0		
52	0	DCON2	Combination	Mode		50.118	-904.969	0		
52	0.48216	DCON2	Combination	Mode		50.118	-904.969	0		
52	0.82432	DCON2	Combination	Mode		50.118	-904.969	0		
52	1.38648	DCON2	Combination	Mode		50.118	-904.969	0		
52	0	DEAD	LinStatic	Mode		-26.807	514.813	0		
52	0.48216	DEAD	LinStatic	Mode		-26.807	514.813	0		
52	0.82432	DEAD	LinStatic	Mode		-26.807	514.813	0		
52	1.38648	DEAD	LinStatic	Mode		-26.807	514.813	0		
53	0	MODAL	LinModal	Mode	1	5.719E-07	-1.876E-06	578.706		
53	0.48216	MODAL	LinModal	Mode	1	5.719E-07	-1.876E-06	578.706		
53	0.82432	MODAL	LinModal	Mode	1	5.719E-07	-1.876E-06	578.706		
53	1.38648	MODAL	LinModal	Mode	1	5.719E-07	-1.876E-06	578.706		
53	0	MODAL	LinModal	Mode	2	-1.227E-04	3.024E-05	-2491.944		
53	0.48216	MODAL	LinModal	Mode	2	-1.227E-04	3.024E-05	-2491.944		
53	0.82432	MODAL	LinModal	Mode	2	-1.227E-04	3.024E-05	-2491.944		
53	1.38648	MODAL	LinModal	Mode	2	-1.227E-04	3.024E-05	-2491.944		

Table: Element Forces - Frames, Part 1 of 3										
Frame	Station	OutputCase	CaseType	StepType	StepNum	P	V1	V2	V3	V4
						KN	KN	KN	KN	KN
53	1.23	MODAL	LinModal	Mode	2	-1.227E-04	3.024E-05	-2491.944		
53	0	MODAL	LinModal	Mode	3	-2858.016	2721.558	-2.822E-05		
53	0.48216	MODAL	LinModal	Mode	3	-2858.016	2721.558	-2.822E-05		
53	0.82432	MODAL	LinModal	Mode	3	-2858.016	2721.558	-2.822E-05		
53	1.38648	MODAL	LinModal	Mode	3	-2858.016	2721.558	-2.822E-05		
53	0	MODAL	LinModal	Mode	4	1870.572	-5191.854	1.150E-05		
53	0.48216	MODAL	LinModal	Mode	4	1870.572	-5191.854	1.150E-05		
53	0.82432	MODAL	LinModal	Mode	4	1870.572	-5191.854	1.150E-05		
53	1.38648	MODAL	LinModal	Mode	4	1870.572	-5191.854	1.150E-05		
53	0	MODAL	LinModal	Mode	5	-2504.38	412.835	-7.301E-05		
53	0.48216	MODAL	LinModal	Mode	5	-2504.38	412.835	-7.301E-05		
53	0.82432	MODAL	LinModal	Mode	5	-2504.38	412.835	-7.301E-05		
53	1.38648	MODAL	LinModal	Mode	5	-2504.38	412.835	-7.301E-05		
53	0	MODAL	LinModal	Mode	6	-4466.77	-7761.879	-5.398E-05		
53	0.48216	MODAL	LinModal	Mode	6	-4466.77	-7761.879	-5.398E-05		
53	0.82432	MODAL	LinModal	Mode	6	-4466.77	-7761.879	-5.398E-05		
53	1.38648	MODAL	LinModal	Mode	6	-4466.77	-7761.879	-5.398E-05		
53	0	MODAL	LinModal	Mode	7	3.195E-06	1.011E-04	1850.887		
53	0.48216	MODAL	LinModal	Mode	7	3.195E-06	1.011E-04	1850.887		
53	0.82432	MODAL	LinModal	Mode	7	3.195E-06	1.011E-04	1850.887		
53	1.38648	MODAL	LinModal	Mode	7	3.195E-06	1.011E-04	1850.887		
53	0	MODAL	LinModal	Mode	8	1.817E-03	8.440E-04	-3.667E-06		
53	0.48216	MODAL	LinModal	Mode	8	1.817E-03	8.440E-04	-3.667E-06		
53	0.82432	MODAL	LinModal	Mode	8	1.817E-03	8.440E-04	-3.667E-06		
53	1.38648	MODAL	LinModal	Mode	8	1.817E-03	8.440E-04	-3.667E-06		
53	0	MODAL	LinModal	Mode	9	-4.555E-05	-4.575E-04	-6214.314		
53	0.48216	MODAL	LinModal	Mode	9	-4.555E-05	-4.575E-04	-6214.314		
53	0.82432	MODAL	LinModal	Mode	9	-4.555E-05	-4.575E-04	-6214.314		
53	1.38648	MODAL	LinModal	Mode	9	-4.555E-05	-4.575E-04	-6214.314		
53	0	MODAL	LinModal	Mode	10	-5218.575	6531.894	-1.148E-03		
53	0.48216	MODAL	LinModal	Mode	10	-5218.575	6531.894	-1.148E-03		
53	0.82432	MODAL	LinModal	Mode	10	-5218.575	6531.894	-1.148E-03		
53	1.38648	MODAL	LinModal	Mode	10	-5218.575	6531.894	-1.148E-03		
53	0	MODAL	LinModal	Mode	11	-2.023E-03	-1.893E-04	-12185.121		
53	0.48216	MODAL	LinModal	Mode	11	-2.023E-03	-1.893E-04	-12185.121		
53	0.82432	MODAL	LinModal	Mode	11	-2.023E-03	-1.893E-04	-12185.121		
53	1.38648	MODAL	LinModal	Mode	11	-2.023E-03	-1.893E-04	-12185.121		
53	0	MODAL	LinModal	Mode	12	10058.002	-35182.143	8.399E-06		
53	0.48216	MODAL	LinModal	Mode	12	10058.002	-35182.143	8.399E-06		
53	0.82432	MODAL	LinModal	Mode	12	10058.002	-35182.143	8.399E-06		
53	1.38648	MODAL	LinModal	Mode	12	10058.002	-35182.143	8.399E-06		
53	0	LIVE	LinStatic	Mode		-8.286	103.74	0		
53	0.48216	LIVE	LinStatic	Mode		-8.286	103.74	0		
53	0.82432	LIVE	LinStatic	Mode		-8.286	103.74	0		
53	1.38648	LIVE	LinStatic	Mode		-8.286	103.74	0		
53	0	DCON1	Combination	Mode		-38.139	565.137	0		
53	0.48216	DCON1	Combination	Mode		-38.139	565.137	0		
53	0.82432	DCON1	Combination	Mode		-38.139	565.137	0		
53	1.38648	DCON1	Combination	Mode		-38.139	565.137	0		
53	0	DCON2	Combination	Mode		-49.518	820.878	0		
53	0.48216	DCON2	Combination	Mode		-49.518	820.878	0		
53	0.82432	DCON2	Combination	Mode		-49.518	820.878	0		
53	1.38648	DCON2	Combination	Mode		-49.518	820.878	0		
53	0	DEAD	LinStatic	Mode		-25.849	243.329	0		
53	0.48216	DEAD	LinStatic	Mode		-25.849	243.329	0		
53	0.82432	DEAD	LinStatic	Mode		-25.849	243.329	0		
53	1.38648	DEAD	LinStatic	Mode		-25.849	243.329	0		

Table: Element Forces - Frames, Part 1 of 3										
Frame	Station	OutputCase	CaseType	StepType	StepNum	P	V1	V2	V3	V4
						KN	KN	KN	KN	KN
54	0.45333	DEAD	LinStatic	Mode		-26.807	514.813	0		
54	0.80657	DEAD	LinStatic	Mode		-26.807	514.813	0		
54	1.38	MODAL	LinModal	Mode	1	-7.402E-07	9.214E-06	427.869		
54	0.45333	MODAL	LinModal	Mode	1	-7.402E-07	9.214E-06	427.869		
54	0.80657	MODAL	LinModal	Mode	1	-7.402E-07	9.214E-06	427.869		
54	1.38	MODAL	LinModal	Mode	2	-2.589E-04	-2.105E-04	-2211.432		
54	0.45333	MODAL	LinModal	Mode	2	-2.589E-04	-2.105E-04	-2211.432		
54	0.80657	MODAL	LinModal	Mode	2	-2.589E-04	-2.105E-04	-2211.432		
54	1.38	MODAL	LinModal	Mode	3	-1935.767	2378.898	3.201E-04		
54	0.45333	MODAL	LinModal	Mode	3	-1935.767	2378.898	3.201E-04		
54	0.80657	MODAL	LinModal	Mode	3	-1935.767	2378.898	3.201E-04		
54	1.38	MODAL	LinModal	Mode	4	1992.813	-3098.25	1.100E-05		
54	0.45333	MODAL	LinModal	Mode	4	1992.813	-3098.25	1.100E-05		
54	0.80657	MODAL	LinModal	Mode	4	1992.813	-3098.25	1.100E-05		
54	1.38	MODAL	LinModal	Mode	5	-1182.555	589.824	-7.858E-05		
54	0.45333	MODAL	LinModal	Mode	5	-1182.555	589.824	-7.858E-05		
54	0.80657	MODAL	LinModal	Mode	5	-1182.555	589.824	-7.858E-05		
54	1.38	MODAL	LinModal	Mode	6	-8485.648	-4205.451	-2.435E-05		
54	0.45333	MODAL	LinModal	Mode	6	-8485.648	-4205.451	-2.435E-05		
54	0.80657	MODAL	LinModal	Mode	6	-8485.648	-4205.451	-2.435E-05		
54	1.38	MODAL	LinModal	Mode	7	-6.134E-05	-1.130E-04	1059.089		
54	0.45333	MODAL	LinModal	Mode	7	-6.134E-05	-1.130E-04	1059.089		
54	0.80657	MODAL	LinModal	Mode	7	-6.134E-05	-1.130E-04	1059.089		
54	1.38	MODAL	LinModal	Mode	8	-4.120E-04	-8.759E-05	-3551.061		
54	0.45333	MODAL	LinModal	Mode	8	-4.120E-04	-8.759E-05	-3551.061		
54	0.80657	MODAL	LinModal	Mode	8	-4.120E-04	-8.759E-05	-3551.061		
54	1.38	MODAL	LinModal	Mode	9	4.372E-04	1.115E-03	-6737.414		
54	0.45333	MODAL	LinModal	Mode	9	4.372E-04	1.115E-03	-6737.414		
54	0.80657	MODAL	LinModal	Mode	9	4.372E-04	1.115E-03	-6737.414		
54	1.38	MODAL	LinModal	Mode	10	-3429.889	6904.065	-2.607E-05		
54	0.45333	MODAL	LinModal	Mode	10	-3429.889	6904.065	-2.607E-05		
54	0.80657	MODAL	LinModal	Mode	10	-3429.889	6904.065	-2.607E-05		
54	1.38	MODAL	LinModal	Mode	11	1.689E-03	-1.115E-04	-25190.359		
54	0.45333	MODAL	LinModal	Mode	11	1.689E-03	-1.115E-04	-25190.359		
54	0.80657	MODAL	LinModal	Mode	11	1.689E-03	-1.115E-04	-25190.359		
54	1.38	MODAL	LinModal	Mode	12	10999.2	-27163.963	5.122E-03		
54	0.45333	MODAL	LinModal	Mode	12	10999.2	-27163.963	5.122E-03		
54	0.80657	MODAL	LinModal	Mode	12	10999.2	-27163.963	5.122E-03		
54	1.38	MODAL	LinModal	Mode	13	-8.716	58.472	0		
54	0.45333	MODAL	LinModal	Mode	13	-8.716	58.472	0		
54	0.80657	MODAL	LinModal	Mode	13	-8.716	58.472	0		

Frame	Station	OutputCase	CaseType	StepType	StepNum	P	V1	V2	V3
55	0.45333	MODAL	LinModal	Mode	11	2,203E-04	3,818E-04	-34835.083	0
55	0.90667	MODAL	LinModal	Mode	11	2,203E-04	3,818E-04	-34835.083	0
55	1.36	MODAL	LinModal	Mode	11	2,203E-04	3,818E-04	-34835.083	0
55	0	MODAL	LinModal	Mode	12	11882.787	-8515.37	-2,273E-03	0
55	0.45333	MODAL	LinModal	Mode	12	11882.787	-8515.37	-2,273E-03	0
55	0.90667	MODAL	LinModal	Mode	12	11882.787	-8515.37	-2,273E-03	0
55	1.36	MODAL	LinModal	Mode	12	11882.787	-8515.37	-2,273E-03	0
55	0	LIVE	LinStatic	Mode	12	-8.56	25.865	0	0
55	0.45333	LIVE	LinStatic	Mode	12	-8.56	25.865	0	0
55	0.90667	LIVE	LinStatic	Mode	12	-8.56	25.865	0	0
55	1.36	LIVE	LinStatic	Mode	12	-8.56	25.865	0	0
55	0	DCON1	Combination	Mode	11	-35.383	147.721	0	0
55	0.45333	DCON1	Combination	Mode	11	-35.383	147.721	0	0
55	0.90667	DCON1	Combination	Mode	11	-35.383	147.721	0	0
55	1.36	DCON1	Combination	Mode	11	-35.383	147.721	0	0
55	0	DCON2	Combination	Mode	11	-49.203	136.873	0	0
55	0.45333	DCON2	Combination	Mode	11	-49.203	136.873	0	0
55	0.90667	DCON2	Combination	Mode	11	-49.203	136.873	0	0
55	1.36	DCON2	Combination	Mode	11	-49.203	136.873	0	0
55	0	DEAD	LinStatic	Mode	11	-27.688	-44.388	0	0
55	0.45333	DEAD	LinStatic	Mode	11	-27.688	-44.388	0	0
55	0.90667	DEAD	LinStatic	Mode	11	-27.688	-44.388	0	0
55	1.36	DEAD	LinStatic	Mode	11	-27.688	-44.388	0	0
55	0	MODAL	LinModal	Mode	1	-7,377E-05	-4,215E-05	-74.451	0
55	0.45333	MODAL	LinModal	Mode	1	-7,377E-05	-4,215E-05	-74.451	0
55	0.90667	MODAL	LinModal	Mode	1	-7,377E-05	-4,215E-05	-74.451	0
55	1.36	MODAL	LinModal	Mode	1	-7,377E-05	-4,215E-05	-74.451	0
55	0	MODAL	LinModal	Mode	2	-3,323E-04	5,894E-05	-788.215	0
55	0.45333	MODAL	LinModal	Mode	2	-3,323E-04	5,894E-05	-788.215	0
55	0.90667	MODAL	LinModal	Mode	2	-3,323E-04	5,894E-05	-788.215	0
55	1.36	MODAL	LinModal	Mode	2	-3,323E-04	5,894E-05	-788.215	0
55	0	MODAL	LinModal	Mode	3	-97.584	1089.894	-2,732E-04	0
55	0.45333	MODAL	LinModal	Mode	3	-97.584	1089.894	-2,732E-04	0
55	0.90667	MODAL	LinModal	Mode	3	-97.584	1089.894	-2,732E-04	0
55	1.36	MODAL	LinModal	Mode	3	-97.584	1089.894	-2,732E-04	0
55	0	MODAL	LinModal	Mode	4	2043.804	810.384	-2,859E-05	0
55	0.45333	MODAL	LinModal	Mode	4	2043.804	810.384	-2,859E-05	0
55	0.90667	MODAL	LinModal	Mode	4	2043.804	810.384	-2,859E-05	0
55	1.36	MODAL	LinModal	Mode	4	2043.804	810.384	-2,859E-05	0
55	0	MODAL	LinModal	Mode	5	1459.558	2100.354	4,517E-05	0
55	0.45333	MODAL	LinModal	Mode	5	1459.558	2100.354	4,517E-05	0
55	0.90667	MODAL	LinModal	Mode	5	1459.558	2100.354	4,517E-05	0
55	1.36	MODAL	LinModal	Mode	5	1459.558	2100.354	4,517E-05	0
55	0	MODAL	LinModal	Mode	6	-8510.132	-4814.058	8,865E-06	0
55	0.45333	MODAL	LinModal	Mode	6	-8510.132	-4814.058	8,865E-06	0
55	0.90667	MODAL	LinModal	Mode	6	-8510.132	-4814.058	8,865E-06	0
55	1.36	MODAL	LinModal	Mode	6	-8510.132	-4814.058	8,865E-06	0
55	0	MODAL	LinModal	Mode	7	2,144E-04	1,577E-04	-44.345	0
55	0.45333	MODAL	LinModal	Mode	7	2,144E-04	1,577E-04	-44.345	0
55	0.90667	MODAL	LinModal	Mode	7	2,144E-04	1,577E-04	-44.345	0
55	1.36	MODAL	LinModal	Mode	7	2,144E-04	1,577E-04	-44.345	0
55	0	MODAL	LinModal	Mode	8	-2,577E-03	-6,750E-04	-2953.823	0
55	0.45333	MODAL	LinModal	Mode	8	-2,577E-03	-6,750E-04	-2953.823	0
55	0.90667	MODAL	LinModal	Mode	8	-2,577E-03	-6,750E-04	-2953.823	0

Frame	Station	OutputCase	CaseType	StepType	StepNum	P	V1	V2	V3
55	1.36	MODAL	LinModal	Mode	8	-2,577E-03	-6,750E-04	-2953.823	0
55	0	MODAL	LinModal	Mode	9	-6,563E-04	1,023E-04	-738.891	0
55	0.45333	MODAL	LinModal	Mode	9	-6,563E-04	1,023E-04	-738.891	0
55	0.90667	MODAL	LinModal	Mode	9	-6,563E-04	1,023E-04	-738.891	0
55	1.36	MODAL	LinModal	Mode	9	-6,563E-04	1,023E-04	-738.891	0
55	0	MODAL	LinModal	Mode	10	144.884	5989.583	3,540E-03	0
55	0.45333	MODAL	LinModal	Mode	10	144.884	5989.583	3,540E-03	0
55	0.90667	MODAL	LinModal	Mode	10	144.884	5989.583	3,540E-03	0
55	1.36	MODAL	LinModal	Mode	10	144.884	5989.583	3,540E-03	0
55	0	MODAL	LinModal	Mode	11	-2,624E-03	-4,140E-04	-38735.414	0
55	0.45333	MODAL	LinModal	Mode	11	-2,624E-03	-4,140E-04	-38735.414	0
55	0.90667	MODAL	LinModal	Mode	11	-2,624E-03	-4,140E-04	-38735.414	0
55	1.36	MODAL	LinModal	Mode	11	-2,624E-03	-4,140E-04	-38735.414	0
55	0	MODAL	LinModal	Mode	12	12735.805	18411.85	-1,823E-04	0
55	0.45333	MODAL	LinModal	Mode	12	12735.805	18411.85	-1,823E-04	0
55	0.90667	MODAL	LinModal	Mode	12	12735.805	18411.85	-1,823E-04	0
55	1.36	MODAL	LinModal	Mode	12	12735.805	18411.85	-1,823E-04	0
55	0	LIVE	LinStatic	Mode	11	-4.419	6.833	0	0
55	0.45333	LIVE	LinStatic	Mode	11	-4.419	6.833	0	0
55	0.90667	LIVE	LinStatic	Mode	11	-4.419	6.833	0	0
55	1.36	LIVE	LinStatic	Mode	11	-4.419	6.833	0	0
55	0	DCON1	Combination	Mode	11	-35.383	147.721	0	0
55	0.45333	DCON1	Combination	Mode	11	-35.383	147.721	0	0
55	0.90667	DCON1	Combination	Mode	11	-35.383	147.721	0	0
55	1.36	DCON1	Combination	Mode	11	-35.383	147.721	0	0
55	0	DCON2	Combination	Mode	11	-49.203	136.873	0	0
55	0.45333	DCON2	Combination	Mode	11	-49.203	136.873	0	0
55	0.90667	DCON2	Combination	Mode	11	-49.203	136.873	0	0
55	1.36	DCON2	Combination	Mode	11	-49.203	136.873	0	0
55	0	DEAD	LinStatic	Mode	11	-27.688	-44.388	0	0
55	0.45333	DEAD	LinStatic	Mode	11	-27.688	-44.388	0	0
55	0.90667	DEAD	LinStatic	Mode	11	-27.688	-44.388	0	0
55	1.36	DEAD	LinStatic	Mode	11	-27.688	-44.388	0	0
55	0	MODAL	LinModal	Mode	1	-1,017E-05	1,409E-05	-339.428	0
55	0.45333	MODAL	LinModal	Mode	1	-1,017E-05	1,409E-05	-339.428	0
55	0.90667	MODAL	LinModal	Mode	1	-1,017E-05	1,409E-05	-339.428	0
55	1.36	MODAL	LinModal	Mode	1	-1,017E-05	1,409E-05	-339.428	0
55	0	MODAL	LinModal	Mode	2	-2,821E-04	-1,271E-04	388.13	0
55	0.45333	MODAL	LinModal	Mode	2	-2,821E-04	-1,271E-04	388.13	0
55	0.90667	MODAL	LinModal	Mode	2	-2,821E-04	-1,271E-04	388.13	0
55	1.36	MODAL	LinModal	Mode	2	-2,821E-04	-1,271E-04	388.13	0
55	0	MODAL	LinModal	Mode	3	119.875	30.79	-1,823E-04	0
55	0.45333	MODAL	LinModal	Mode	3	119.875	30.79	-1,823E-04	0
55	0.90667	MODAL	LinModal	Mode	3	119.875	30.79	-1,823E-04	0
55	1.36	MODAL	LinModal	Mode	3	119.875	30.79	-1,823E-04	0
55	0	MODAL	LinModal	Mode	4	2072.555	2902.693	7,413E-06	0
55	0.45333	MODAL	LinModal	Mode	4	2072.555	2902.693	7,413E-06	0
55	0.90667	MODAL	LinModal	Mode	4	2072.555	2902.693	7,413E-06	0
55	1.36	MODAL	LinModal	Mode	4	2072.555	2902.693	7,413E-06	0
55	0	MODAL	LinModal	Mode	5	2782.079	3640.054	-5,900E-05	0
55	0.45333	MODAL	LinModal	Mode	5	2782.079	3640.054	-5,900E-05	0
55	0.90667	MODAL	LinModal	Mode	5	2782.079	3640.054	-5,900E-05	0
55	1.36	MODAL	LinModal	Mode	5	2782.079	3640.054	-5,900E-05	0
55	0	MODAL	LinModal	Mode	6	-5528.755	-5143.289	-7,405E-05	0

Table: Element Forces - Frames, Part 1 of 3									
Frame	Station	OutputCase	CaseType	StepType	StepNum	P	V1	V2	V3
	in					KN	KN	KN	KN
57	0.45333	MODAL	LinModal	Mode	5	-8528.755	-5143.289	-7.405E-05	0
57	0.90667	MODAL	LinModal	Mode	5	-8528.755	-5143.289	-7.405E-05	0
57	1.36	MODAL	LinModal	Mode	5	-8528.755	-5143.289	-7.405E-05	0
57	0	MODAL	LinModal	Mode	7	-5.497E-05	-1.348E-04	-18.36.921	0
57	0.45333	MODAL	LinModal	Mode	7	-5.497E-05	-1.348E-04	-18.36.921	0
57	0.90667	MODAL	LinModal	Mode	7	-5.497E-05	-1.348E-04	-18.36.921	0
57	1.36	MODAL	LinModal	Mode	7	-5.497E-05	-1.348E-04	-18.36.921	0
57	0	MODAL	LinModal	Mode	8	-1.207E-03	1.605E-03	-2475.51	0
57	0.45333	MODAL	LinModal	Mode	8	-1.207E-03	1.605E-03	-2475.51	0
57	0.90667	MODAL	LinModal	Mode	8	-1.207E-03	1.605E-03	-2475.51	0
57	1.36	MODAL	LinModal	Mode	8	-1.207E-03	1.605E-03	-2475.51	0
57	0	MODAL	LinModal	Mode	9	-2.225E-03	5.004E-04	-7568.52	0
57	0.45333	MODAL	LinModal	Mode	9	-2.225E-03	5.004E-04	-7568.52	0
57	0.90667	MODAL	LinModal	Mode	9	-2.225E-03	5.004E-04	-7568.52	0
57	1.36	MODAL	LinModal	Mode	9	-2.225E-03	5.004E-04	-7568.52	0
57	0	MODAL	LinModal	Mode	10	1938.897	5210.858	1.315E-03	0
57	0.45333	MODAL	LinModal	Mode	10	1938.897	5210.858	1.315E-03	0
57	0.90667	MODAL	LinModal	Mode	10	1938.897	5210.858	1.315E-03	0
57	1.36	MODAL	LinModal	Mode	10	1938.897	5210.858	1.315E-03	0
57	0	MODAL	LinModal	Mode	11	1.908E-03	5.185E-04	-37528.963	0
57	0.45333	MODAL	LinModal	Mode	11	1.908E-03	5.185E-04	-37528.963	0
57	0.90667	MODAL	LinModal	Mode	11	1.908E-03	5.185E-04	-37528.963	0
57	1.36	MODAL	LinModal	Mode	11	1.908E-03	5.185E-04	-37528.963	0
57	0	MODAL	LinModal	Mode	12	1824.037	33644.705	-0.01	0
57	0.45333	MODAL	LinModal	Mode	12	1824.037	33644.705	-0.01	0
57	0.90667	MODAL	LinModal	Mode	12	1824.037	33644.705	-0.01	0
57	1.36	MODAL	LinModal	Mode	12	1824.037	33644.705	-0.01	0
57	0	MODAL	LinStatic	Mode	1	-8.291	0.079	0	0
57	0.45333	LIVE	LinStatic	Mode	1	-8.291	0.079	0	0
57	0.90667	LIVE	LinStatic	Mode	1	-8.291	0.079	0	0
57	1.36	LIVE	LinStatic	Mode	1	-8.291	0.079	0	0
57	0	DCON1	Combination			-36.773	-335.78	0	0
57	0.45333	DCON1	Combination			-36.774	-335.858	0	0
57	0.90667	DCON1	Combination			-36.774	-335.778	0	0
57	1.36	DCON1	Combination			-36.774	-335.838	0	0
57	0	DCON2	Combination			-49.21	-335.971	0	0
57	0.45333	DCON2	Combination			-49.21	-335.971	0	0
57	0.90667	DCON2	Combination			-49.21	-335.971	0	0
57	1.36	DCON2	Combination			-49.21	-335.971	0	0
58	DEAD	LinStatic				-27.468	-402.252	0	0
58	0.45333	DEAD	LinStatic			-27.468	-402.252	0	0
58	0.90667	DEAD	LinStatic			-27.468	-402.252	0	0
58	1.36	DEAD	LinStatic			-27.468	-402.252	0	0
58	0	MOD1	LinModal	Mode	1	-6.804E-06	-6.806E-06	-621.867	0
58	0.45333	MODAL	LinModal	Mode	1	-6.804E-06	-6.806E-06	-621.867	0
58	0.90667	MODAL	LinModal	Mode	1	-6.804E-06	-6.806E-06	-621.867	0
58	1.36	MODAL	LinModal	Mode	1	-6.804E-06	-6.807E-06	-621.867	0
58	0	MODAL	LinModal	Mode	2	-1.802E-04	7.733E-05	1940.878	0
58	0.45333	MODAL	LinModal	Mode	2	-1.802E-04	7.733E-05	1940.78	0
58	0.90667	MODAL	LinModal	Mode	2	-1.802E-04	7.733E-05	1940.878	0
58	1.36	MODAL	LinModal	Mode	2	-1.802E-04	7.733E-05	1940.878	0
58	0	MODAL	LinModal	Mode	3	1731.302	-1671.061	2.033E-04	0
58	0.45333	MODAL	LinModal	Mode	3	1731.302	-1671.061	2.033E-04	0
58	0.90667	MODAL	LinModal	Mode	3	1731.302	-1671.061	2.033E-04	0
58	1.36	MODAL	LinModal	Mode	3	1731.302	-1671.061	2.033E-04	0

Table: Element Forces - Frames, Part 1 of 3									
Frame	Station in	Outgoing	Case Type	Story Type	Section	Case	P KN	VZ KN	VX KN
59	2,40773	DEAD	LinStatic				27,183	-102,08	0
59	2,48935	DEAD	LinStatic				27,183	-98,899	0
59	3,37091	DEAD	LinStatic				27,183	-15,827	0
59	3,81446	DEAD	LinStatic				27,183	30,734	0
59	4,83402	DEAD	LinStatic				27,183	76,261	0
59	4,81538	DEAD	LinStatic				27,183	119,857	0
59	5,29714	DEAD	LinStatic				27,183	164,419	0
59	5,77899	DEAD	LinStatic				27,183	208,98	0
59	6,26025	DEAD	LinStatic				27,183	253,541	0
59	6,74181	DEAD	LinStatic				27,183	298,103	0
59	7,22337	DEAD	LinStatic				27,183	342,674	0
59	7,70493	DEAD	LinStatic				27,183	387,226	0
59	8,18648	DEAD	LinStatic				27,183	431,787	0
59	8,62812	MODAL	LinModal	Mode		1	-2,280E-07	3,017E-06	17,852
59	8,62812	MODAL	LinModal	Mode		1	-2,280E-07	3,017E-06	17,852
59	8,62812	MODAL	LinModal	Mode		1	-2,280E-07	3,017E-06	17,852
59	1,82,123	MODAL	LinModal	Mode		1	-2,280E-07	3,017E-06	17,852
59	2,40773	MODAL	LinModal	Mode		1	-2,280E-07	3,017E-06	17,852
59	2,48935	MODAL	LinModal	Mode		1	-2,280E-07	3,017E-06	17,852
59	3,37091	MODAL	LinModal	Mode		1	-2,280E-07	3,017E-06	17,852
59	3,81446	MODAL	LinModal	Mode		1	-2,280E-07	3,017E-06	17,852
59	4,32402	MODAL	LinModal	Mode		1	-2,280E-07	3,017E-06	17,852
59	4,81538	MODAL	LinModal	Mode		1	-2,280E-07	3,017E-06	17,852
59	5,29714	MODAL	LinModal	Mode		1	-2,280E-07	3,017E-06	17,852
59	5,77899	MODAL	LinModal	Mode		1	-2,280E-07	3,017E-06	17,852
59	6,26025	MODAL	LinModal	Mode		1	-2,280E-07	3,017E-06	17,852
59	6,74181	MODAL	LinModal	Mode		1	-2,280E-07	3,017E-06	17,852
59	7,22337	MODAL	LinModal	Mode		1	-2,280E-07	3,017E-06	17,852
59	7,70493	MODAL	LinModal	Mode		1	-2,280E-07	3,017E-06	17,852
59	8,18648	MODAL	LinModal	Mode		1	-2,280E-07	3,017E-06	17,852
59	8,62812	MODAL	LinModal	Mode		2	-2,948E-05	-2,950E-06	1021,428
59	8,62812	MODAL	LinModal	Mode		2	-2,948E-05	-2,950E-06	1021,428
59	1,44,487	MODAL	LinModal	Mode		2	-2,948E-05	-2,950E-06	1021,428
59	1,92823	MODAL	LinModal	Mode		2	-2,948E-05	-2,950E-06	1021,428
59	2,40779	MODAL	LinModal	Mode		2	-2,948E-05	-2,950E-06	1021,428
59	2,88939	MODAL	LinModal	Mode		2	-2,948E-05	-2,950E-06	1021,428
59	3,37091	MODAL	LinModal	Mode		2	-2,948E-05	-2,950E-06	1021,428
59	3,81446	MODAL	LinModal	Mode		2	-2,948E-05	-2,950E-06	1021,428
59	4,33402	MODAL	LinModal	Mode		2	-2,948E-05	-2,950E-06	1021,428
59	4,81658	MODAL	LinModal	Mode		2	-2,948E-05	-2,950E-06	1021,428
59	5,29714	MODAL	LinModal	Mode		2	-2,948E-05	-2,950E-06	1021,428
59	5,77899	MODAL	LinModal	Mode		2	-2,948E-05	-2,950E-06	1021,428
59	6,26025	MODAL	LinModal	Mode		2	-2,948E-05	-2,950E-06	1021,428
59	6,74181	MODAL	LinModal	Mode		2	-2,948E-05	-2,950E-06	1021,428
59	7,22337	MODAL	LinModal	Mode		2	-2,948E-05	-2,950E-06	1021,428
59	7,70493	MODAL	LinModal	Mode		2	-2,948E-05	-2,950E-06	1021,428
59	8,18648	MODAL	LinModal	Mode		2	-2,948E-05	-2,950E-06	1021,428
59	8,62812	MODAL	LinModal	Mode		3	-595,131	1494,258	6,137E-07
59	8,62812	MODAL	LinModal	Mode		3	-595,131	1494,258	6,137E-07
59	8,62812	MODAL	LinModal	Mode		3	-595,131	1494,258	6,137E-07
59	1,44,477	MODAL	LinModal	Mode		3	-595,131	1494,258	6,137E-07
59	1,92823	MODAL	LinModal	Mode		3	-595,131	1494,258	6,137E-07

Table: Element Forces - Frame, Part 1 of 3									
Frame	Node	Set	Design Case	Case Type	Step Type	Step Number	FX	FY	FZ
59	2,407.78	MODAL	Lin/Modal	Mode	3	-594.161	1494.258	6.137E-08	
59	2,889.95	MODAL	Lin/Modal	Mode	3	-594.161	1494.258	6.137E-07	
59	3,370.91	MODAL	Lin/Modal	Mode	3	-594.161	1494.258	6.137E-07	
59	3,852.45	MODAL	Lin/Modal	Mode	3	-594.161	1494.258	6.137E-07	
59	4,334.49	MODAL	Lin/Modal	Mode	3	-594.161	1494.258	6.137E-07	
59	4,815.58	MODAL	Lin/Modal	Mode	3	-594.161	1494.258	6.137E-07	
59	5,271.74	MODAL	Lin/Modal	Mode	3	-594.161	1494.258	6.137E-07	
59	5,778.99	MODAL	Lin/Modal	Mode	3	-594.161	1494.258	6.137E-07	
59	6,280.25	MODAL	Lin/Modal	Mode	3	-594.161	1494.258	6.137E-07	
59	6,741.61	MODAL	Lin/Modal	Mode	3	-594.161	1494.258	6.137E-07	
59	7,233.37	MODAL	Lin/Modal	Mode	3	-594.161	1494.258	6.137E-07	
59	7,704.93	MODAL	Lin/Modal	Mode	3	-594.161	1494.258	6.137E-07	
59	8,186.48	MODAL	Lin/Modal	Mode	3	-594.161	1494.258	6.137E-07	
59	0	MCAD	Lin/Modal	Mode	4	-2070.854	-504.427	-7.357E-08	
59	0.48123	MODAL	Lin/Modal	Mode	4	-2070.854	-504.427	-7.357E-08	
59	0.97132	MODAL	Lin/Modal	Mode	4	-2070.854	-504.427	-7.357E-08	
59	1.44467	MODAL	Lin/Modal	Mode	4	-2070.854	-504.427	-7.357E-08	
59	1.78223	MODAL	Lin/Modal	Mode	4	-2070.854	-504.427	-7.357E-08	
59	2.40778	MODAL	Lin/Modal	Mode	4	-2070.854	-504.427	-7.357E-08	
59	2.88935	MODAL	Lin/Modal	Mode	4	-2070.854	-504.427	-7.357E-08	
59	3,370.91	MODAL	Lin/Modal	Mode	4	-2070.854	-504.427	-7.357E-08	
59	3,852.45	MODAL	Lin/Modal	Mode	4	-2070.854	-504.427	-7.357E-08	
59	4,334.02	MODAL	Lin/Modal	Mode	4	-2070.854	-504.427	-7.357E-08	
59	4,815.58	MODAL	Lin/Modal	Mode	4	-2070.854	-504.427	-7.357E-08	
59	5,287.14	MODAL	Lin/Modal	Mode	4	-2070.854	-504.427	-7.357E-08	
59	5,777.38	MODAL	Lin/Modal	Mode	4	-2070.854	-504.427	-7.357E-08	
59	6,280.25	MODAL	Lin/Modal	Mode	4	-2070.854	-504.427	-7.357E-08	
59	6,741.61	MODAL	Lin/Modal	Mode	4	-2070.854	-504.427	-7.357E-08	
59	7,233.37	MODAL	Lin/Modal	Mode	4	-2070.854	-504.427	-7.357E-08	
59	7,704.93	MODAL	Lin/Modal	Mode	4	-2070.854	-504.427	-7.357E-08	
59	8,186.48	MODAL	Lin/Modal	Mode	4	-2070.854	-504.427	-7.357E-08	
59	0	MODAL	Lin/Modal	Mode	5	704.877	1846.318	-2.832E-07	
59	0.48168	MODAL	Lin/Modal	Mode	5	704.877	1846.318	-2.832E-07	
59	0.98312	MODAL	Lin/Modal	Mode	5	704.877	1846.318	-2.832E-07	
59	1.44487	MODAL	Lin/Modal	Mode	5	704.877	1846.318	-2.832E-07	
59	1.77323	MODAL	Lin/Modal	Mode	5	704.877	1846.318	-2.832E-07	
59	2.40778	MODAL	Lin/Modal	Mode	5	704.877	1846.318	-2.832E-07	
59	2.88935	MODAL	Lin/Modal	Mode	5	704.877	1846.318	-2.832E-07	
59	3,370.91	MODAL	Lin/Modal	Mode	5	704.877	1846.318	-2.832E-07	
59	3,852.46	MODAL	Lin/Modal	Mode	5	704.877	1846.318	-2.832E-07	
59	4,334.02	MODAL	Lin/Modal	Mode	5	704.877	1846.318	-2.832E-07	
59	4,815.58	MODAL	Lin/Modal	Mode	5	704.877	1846.318	-2.832E-07	
59	5,287.14	MODAL	Lin/Modal	Mode	5	704.877	1846.318	-2.832E-07	
59	5,778.99	MODAL	Lin/Modal	Mode	5	704.877	1846.318	-2.832E-07	
59	6,280.25	MODAL	Lin/Modal	Mode	5	704.877	1846.318	-2.832E-07	
59	6,741.61	MODAL	Lin/Modal	Mode	5	704.877	1846.318	-2.832E-07	
59	7,233.37	MODAL	Lin/Modal	Mode	5	704.877	1846.318	-2.832E-07	
59	7,704.93	MODAL	Lin/Modal	Mode	5	704.877	1846.318	-2.832E-07	
59	8,186.48	MODAL	Lin/Modal	Mode	5	704.877	1846.318	-2.832E-07	
59	0	MODAL	Lin/Modal	Mode	6	8787.363	4779.305	8.474E-07	
59	0.48156	MODAL	Lin/Modal	Mode	6	8787.363	4779.305	8.474E-07	
59	0.98312	MODAL	Lin/Modal	Mode	6	8787.363	4779.305	8.474E-07	
59	1.44467	MODAL	Lin/Modal	Mode	6	8787.363	4779.305	8.474E-07	
59	1.92623	MODAL	Lin/Modal	Mode	6	8787.363	4779.305	8.474E-07	

Table: Element Faces - Frames, Part 1 of 3									
Frame	Station	Description	CaseType	RunType	Stepnum	P	Vx	Vy	Vz
	m					KN	KN	KN	KN
58	2.40778	MODAL	LinModal	Mode	6	8.787-363	4770.305	8.47E-07	
59	2.38995	MODAL	LinModal	Mode	6	8.787-363	4770.305	8.47E-07	
60	2.37091	MODAL	LinModal	Mode	8	8.787-363	4770.305	8.47E-07	
61	2.35246	MODAL	LinModal	Mode	8	8.787-363	4770.305	8.47E-07	
62	2.33402	MODAL	LinModal	Mode	6	8.787-363	4770.305	8.47E-07	
63	2.31558	MODAL	LinModal	Mode	6	8.787-363	4770.305	8.47E-07	
64	2.29714	MODAL	LinModal	Mode	6	8.787-363	4770.305	8.47E-07	
65	2.27869	MODAL	LinModal	Mode	6	8.787-363	4770.305	8.47E-07	
66	2.26025	MODAL	LinModal	Mode	6	8.787-363	4770.305	8.47E-07	
67	2.24181	MODAL	LinModal	Mode	6	8.787-363	4770.305	8.47E-07	
68	2.22337	MODAL	LinModal	Mode	6	8.787-363	4770.305	8.47E-07	
69	2.20493	MODAL	LinModal	Mode	8	8.787-363	4770.305	8.47E-07	
70	2.18648	MODAL	LinModal	Mode	8	8.787-363	4770.305	8.47E-07	
71	0	MODAL	LinModal	Mode	7	5.67E-06	-3.71E-08	6.00E-21	
72	0.41566	MODAL	LinModal	Mode	7	5.67E-06	-3.71E-08	6.00E-21	
73	0.83532	MODAL	LinModal	Mode	7	5.67E-06	-3.71E-08	6.00E-21	
74	1.44467	MODAL	LinModal	Mode	7	5.67E-06	-3.71E-08	6.00E-21	
75	1.72823	MODAL	LinModal	Mode	7	5.67E-06	-3.71E-08	6.00E-21	
76	2.40778	MODAL	LinModal	Mode	7	5.67E-06	-3.71E-08	6.00E-21	
77	2.38935	MODAL	LinModal	Mode	7	5.67E-06	-3.71E-08	6.00E-21	
78	2.37091	MODAL	LinModal	Mode	7	5.67E-06	-3.71E-08	6.00E-21	
79	2.35246	MODAL	LinModal	Mode	7	5.67E-06	-3.71E-08	6.00E-21	
80	2.33402	MODAL	LinModal	Mode	7	5.67E-06	-3.71E-08	6.00E-21	
81	2.31558	MODAL	LinModal	Mode	7	5.67E-06	-3.71E-08	6.00E-21	
82	2.29714	MODAL	LinModal	Mode	7	5.67E-06	-3.71E-08	6.00E-21	
83	2.27869	MODAL	LinModal	Mode	7	5.67E-06	-3.71E-08	6.00E-21	
84	2.26025	MODAL	LinModal	Mode	7	5.67E-06	-3.71E-08	6.00E-21	
85	2.24181	MODAL	LinModal	Mode	7	5.67E-06	-3.71E-08	6.00E-21	
86	2.22337	MODAL	LinModal	Mode	7	5.67E-06	-3.71E-08	6.00E-21	
87	2.20493	MODAL	LinModal	Mode	7	5.67E-06	-3.71E-08	6.00E-21	
88	2.18648	MODAL	LinModal	Mode	7	5.67E-06	-3.71E-08	6.00E-21	
89	0	MODAL	LinModal	Mode	8	-7.332E-05	2.70E-05	2.23E-25	
90	0.41566	MODAL	LinModal	Mode	8	-7.332E-05	2.70E-05	2.23E-25	
91	0.83532	MODAL	LinModal	Mode	8	-7.332E-05	2.70E-05	2.23E-25	
92	1.44467	MODAL	LinModal	Mode	8	-7.332E-05	2.70E-05	2.23E-25	
93	1.72823	MODAL	LinModal	Mode	8	-7.332E-05	2.70E-05	2.23E-25	
94	2.40778	MODAL	LinModal	Mode	8	-7.332E-05	2.70E-05	2.23E-25	
95	2.38935	MODAL	LinModal	Mode	8	-7.332E-05	2.70E-05	2.23E-25	
96	2.37091	MODAL	LinModal	Mode	8	-7.332E-05	2.70E-05	2.23E-25	
97	2.35246	MODAL	LinModal	Mode	8	-7.332E-05	2.70E-05	2.23E-25	
98	2.33402	MODAL	LinModal	Mode	8	-7.332E-05	2.70E-05	2.23E-25	
99	2.31558	MODAL	LinModal	Mode	8	-7.332E-05	2.70E-05	2.23E-25	
100	2.29714	MODAL	LinModal	Mode	8	-7.332E-05	2.70E-05	2.23E-25	

Table: Element Forces - Frames, Part 1 of 3									
Frame	Step No	Output Case	Case Type	Story Type	Step No.	P	VX	VY	VZ
59	2,407.75	MODAL	LinModal	Mode	9	-2.579E-03	2.277E-03	22430.75	
59	2,883.93	MODAL	LinModal	Mode	9	-2.579E-03	2.277E-03	22430.75	
59	3,370.81	MODAL	LinModal	Mode	9	-2.579E-03	2.277E-03	22430.75	
59	3,852.42	MODAL	LinModal	Mode	9	-2.579E-03	2.277E-03	22430.75	
59	4,340.82	MODAL	LinModal	Mode	9	-2.579E-03	2.277E-03	22430.75	
59	4,815.68	MODAL	LinModal	Mode	9	-2.579E-03	2.277E-03	22430.75	
59	5,297.14	MODAL	LinModal	Mode	9	-2.579E-03	2.277E-03	22430.75	
59	5,778.69	MODAL	LinModal	Mode	9	-2.579E-03	2.277E-03	22430.75	
59	6,260.25	MODAL	LinModal	Mode	9	-2.579E-03	2.277E-03	22430.75	
59	6,741.87	MODAL	LinModal	Mode	9	-2.579E-03	2.277E-03	22430.75	
59	7,223.37	MODAL	LinModal	Mode	9	-2.579E-03	2.277E-03	22430.75	
59	7,704.93	MODAL	LinModal	Mode	9	-2.579E-03	2.277E-03	22430.75	
59	8,185.46	MODAL	LinModal	Mode	9	-2.579E-03	2.277E-03	22430.75	
59	8,666.00	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	9,146.54	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	9,627.12	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	10,107.66	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	10,588.20	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	11,068.74	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	11,549.28	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	12,029.82	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	12,510.36	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	12,990.90	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	13,471.44	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	13,951.98	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	14,432.52	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	14,913.06	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	15,393.60	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	15,874.14	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	16,354.68	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	16,835.22	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	17,315.76	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	17,796.30	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	18,276.84	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	18,757.38	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	19,237.92	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	19,718.46	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	20,198.99	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	20,679.53	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	21,159.97	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	21,640.51	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	22,121.05	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	22,601.59	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	23,082.13	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	23,562.67	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	24,043.21	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	24,523.75	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	25,004.29	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	25,484.83	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	25,965.37	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	26,445.91	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	26,926.45	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	27,406.99	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	27,887.53	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	28,368.07	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	28,848.61	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	29,329.15	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	29,809.69	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	30,290.23	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	30,770.77	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	31,251.31	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	31,731.85	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	32,212.39	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	32,692.93	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	33,173.47	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	33,654.01	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	34,134.55	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	34,615.09	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	35,095.63	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	35,576.17	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	36,056.71	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	36,537.25	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	37,017.79	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	37,498.33	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	37,978.87	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	38,459.41	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	38,939.95	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	39,420.49	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	39,901.03	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	40,381.57	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	40,862.11	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	41,342.65	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	41,823.19	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	42,303.73	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	42,784.27	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	43,264.81	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	43,745.35	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	44,225.89	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	44,706.43	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	45,186.97	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	45,667.51	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	46,148.05	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	46,628.59	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	47,109.13	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	47,589.67	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	48,070.21	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	48,550.75	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	49,031.29	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	49,511.83	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	49,992.37	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	50,472.91	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	50,953.45	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	51,433.99	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	51,914.53	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	52,395.07	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	52,875.61	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	53,356.15	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	53,836.69	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	54,317.23	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	54,797.77	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	55,278.31	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	55,758.85	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	56,239.39	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	56,719.93	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	57,200.47	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	57,681.01	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	58,161.55	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	58,642.09	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	59,122.63	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	59,603.17	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	60,083.71	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	60,564.25	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	61,044.79	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	61,525.33	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	62,005.87	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	62,486.41	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	62,966.95	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	63,447.49	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	63,928.03	MODAL	LinModal	Mode	10	-463.898	5847.348	-1.738E-05	
59	64,408.57	MODAL	LinModal						

Frame	Station	OutputCase	CaseType	StepType	StepNum	P	V1	V2	V3
						KN	KN	KN	KN
59	2,40778	MODAL	LinModal	Mode	12	12780.742	953.656	1,594E-05	
59	2,85535	MODAL	LinModal	Mode	12	12780.742	953.656	1,594E-05	
59	3,37091	MODAL	LinModal	Mode	12	12780.742	953.656	1,594E-05	
59	3,85246	MODAL	LinModal	Mode	12	12780.742	953.656	1,594E-05	
59	4,33402	MODAL	LinModal	Mode	12	12780.742	953.656	1,594E-05	
59	4,81555	MODAL	LinModal	Mode	12	12780.742	953.656	1,594E-05	
59	5,29714	MODAL	LinModal	Mode	12	12780.742	953.656	1,594E-05	
59	5,77869	MODAL	LinModal	Mode	12	12780.742	953.656	1,594E-05	
59	6,26025	MODAL	LinModal	Mode	12	12780.742	953.656	1,594E-05	
59	6,74181	MODAL	LinModal	Mode	12	12780.742	953.656	1,594E-05	
59	7,22337	MODAL	LinModal	Mode	12	12780.742	953.656	1,594E-05	
59	7,70493	MODAL	LinModal	Mode	12	12780.742	953.656	1,594E-05	
59	8,18648	MODAL	LinModal	Mode	12	12780.742	953.656	1,594E-05	
59	0	LIVE	LinStatic	Static	12	12780.742	953.656	1,594E-05	
59	0,48156	LIVE	LinStatic	Static		-42.03	-268,121	0	
59	0,85312	LIVE	LinStatic	Static		-42.03	-269,493	0	
59	1,44487	LIVE	LinStatic	Static		-42.03	-269,825	0	
59	1,92623	LIVE	LinStatic	Static		-42.03	-269,825	0	
59	2,40778	LIVE	LinStatic	Static		-42.03	-269,825	0	
59	2,85535	LIVE	LinStatic	Static		-42.03	-269,825	0	
59	3,37091	LIVE	LinStatic	Static		-42.03	-269,825	0	
59	3,85246	LIVE	LinStatic	Static		-42.03	-269,825	0	
59	4,33402	LIVE	LinStatic	Static		-42.03	-269,825	0	
59	4,81555	LIVE	LinStatic	Static		-42.03	-269,825	0	
59	5,29714	LIVE	LinStatic	Static		-42.03	-269,825	0	
59	5,77869	LIVE	LinStatic	Static		-42.03	-269,825	0	
59	6,26025	LIVE	LinStatic	Static		-42.03	-269,825	0	
59	6,74181	LIVE	LinStatic	Static		-42.03	-269,825	0	
59	7,22337	LIVE	LinStatic	Static		-42.03	-269,825	0	
59	7,70493	LIVE	LinStatic	Static		-42.03	-269,825	0	
59	8,18648	LIVE	LinStatic	Static		-42.03	-269,825	0	
59	0	DCON1	Combination			36.87	-438,773	0	
59	0,48156	DCON1	Combination			36.87	-438,773	0	
59	0,85312	DCON1	Combination			36.87	-438,773	0	
59	1,44487	DCON1	Combination			36.87	-438,773	0	
59	1,92623	DCON1	Combination			36.87	-438,773	0	
59	2,40778	DCON1	Combination			36.87	-438,773	0	
59	2,85535	DCON1	Combination			36.87	-438,773	0	
59	3,37091	DCON1	Combination			36.87	-438,773	0	
59	3,85246	DCON1	Combination			36.87	-438,773	0	
59	4,33402	DCON1	Combination			36.87	-438,773	0	
59	4,81555	DCON1	Combination			36.87	-438,773	0	
59	5,29714	DCON1	Combination			36.87	-438,773	0	
59	5,77869	DCON1	Combination			36.87	-438,773	0	
59	6,26025	DCON1	Combination			36.87	-438,773	0	
59	6,74181	DCON1	Combination			36.87	-438,773	0	
59	7,22337	DCON1	Combination			36.87	-438,773	0	
59	7,70493	DCON1	Combination			36.87	-438,773	0	
59	8,18648	DCON1	Combination			36.87	-438,773	0	
59	0	DCON2	Combination			-56.375	-788,554	0	
59	0,48156	DCON2	Combination			-56.375	-788,554	0	
59	0,85312	DCON2	Combination			-56.375	-788,554	0	
59	1,44487	DCON2	Combination			-56.375	-788,554	0	
59	1,92623	DCON2	Combination			-56.375	-788,554	0	

Frame	Station	OutputCase	CaseType	StepType	StepNum	P	V1	V2	V3
						KN	KN	KN	KN
59	2,40778	DCON2	Combination			-56.375	-788,554	0	
59	2,85535	DCON2	Combination			-56.375	-788,554	0	
59	3,37091	DCON2	Combination			-56.375	-788,554	0	
59	3,85246	DCON2	Combination			-56.375	-788,554	0	
59	4,33402	DCON2	Combination			-56.375	-788,554	0	
59	4,81555	DCON2	Combination			-56.375	-788,554	0	
59	5,29714	DCON2	Combination			-56.375	-788,554	0	
59	5,77869	DCON2	Combination			-56.375	-788,554	0	
59	6,26025	DCON2	Combination			-56.375	-788,554	0	
59	6,74181	DCON2	Combination			-56.375	-788,554	0	
59	7,22337	DCON2	Combination			-56.375	-788,554	0	
59	7,70493	DCON2	Combination			-56.375	-788,554	0	
59	8,18648	DCON2	Combination			-56.375	-788,554	0	
59	0	DEAD	LinStatic			27.723	-387,274	0	
59	0,48156	DEAD	LinStatic			27.723	-387,274	0	
59	0,85312	DEAD	LinStatic			27.723	-387,274	0	
59	1,44487	DEAD	LinStatic			27.723	-387,274	0	
59	1,92623	DEAD	LinStatic			27.723	-387,274	0	
59	2,40778	DEAD	LinStatic			27.723	-387,274	0	
59	2,85535	DEAD	LinStatic			27.723	-387,274	0	
59	3,37091	DEAD	LinStatic			27.723	-387,274	0	
59	3,85246	DEAD	LinStatic			27.723	-387,274	0	
59	4,33402	DEAD	LinStatic			27.723	-387,274	0	
59	4,81555	DEAD	LinStatic			27.723	-387,274	0	
59	5,29714	DEAD	LinStatic			27.723	-387,274	0	
59	5,77869	DEAD	LinStatic			27.723	-387,274	0	
59	6,26025	DEAD	LinStatic			27.723	-387,274	0	
59	6,74181	DEAD	LinStatic			27.723	-387,274	0	
59	7,22337	DEAD	LinStatic			27.723	-387,274	0	
59	7,70493	DEAD	LinStatic			27.723	-387,274	0	
59	8,18648	DEAD	LinStatic			27.723	-387,274	0	
59	0	MODAL	LinModal	Mode	1	7,430E-08	-7,980E-08	-19,147	
59	0,48156	MODAL	LinModal	Mode	1	7,430E-08	-7,980E-08	-19,147	
59	0,85312	MODAL	LinModal	Mode	1	7,430E-08	-7,980E-08	-19,147	
59	1,44487	MODAL	LinModal	Mode	1	7,430E-08	-7,980E-08	-19,147	
59	1,92623	MODAL	LinModal	Mode	1	7,430E-08	-7,980E-08	-19,147	
59	2,40778	MODAL	LinModal	Mode	1	7,430E-08	-7,980E-08	-19,147	
59	2,85535	MODAL	LinModal	Mode	1	7,430E-08	-7,980E-08	-19,147	
59	3,37091	MODAL	LinModal	Mode	1	7,430E-08	-7,980E-08	-19,147	
59	3,85246	MODAL	LinModal	Mode	1	7,430E-08	-7,980E-08	-19,147	
59	4,33402	MODAL	LinModal	Mode	1	7,430E-08	-7,980E-08	-19,147	
59	4,81555	MODAL	LinModal	Mode	1	7,430E-08	-7,980E-08	-19,147	
59	5,29714	MODAL	LinModal	Mode	1	7,430E-08	-7,980E-08	-19,147	
59	5,77869	MODAL	LinModal	Mode	1	7,430E-08	-7,980E-08	-19,147	
59	6,26025	MODAL	LinModal	Mode	1	7,430E-08	-7,980E-08	-19,147	
59	6,74181	MODAL	LinModal	Mode	1	7,430E-08	-7,980E-08	-19,147	
59	7,22337	MODAL	LinModal	Mode	1	7,430E-08	-7,980E-08	-19,147	
59	7,70493	MODAL	LinModal	Mode	1	7,430E-08	-7,980E-08	-19,147	
59	8,18648	MODAL	LinModal	Mode	1	7,430E-08	-7,980E-08	-19,147	
59	0	MODAL	LinModal	Mode	2	2,800E-05	1,298E-05	1025,785	
59	0,48156	MODAL	LinModal	Mode	2	2,800E-05	1,298E-05	1025,785	
59	0,85312	MODAL	LinModal	Mode	2	2,800E-05	1,298E-05	1025,785	
59	1,44487	MODAL	LinModal	Mode	2	2,800E-05	1,298E-05	1025,785	
59	1,92623	MODAL	LinModal	Mode	2	2,800E-05	1,298E-05	1025,785	

Table: Element Forces - Frames, Part 1 of 3									
Frame	Station	OutputCase	CaseType	StepType	StepNum	P KN	V1 KN	V2 KN	V3 KN
60	2,40778	MODAL	LinModal	Mode	2	2,800E-05	1,298E-05	1025,785	
60	2,85535	MODAL	LinModal	Mode	2	2,800E-05	1,298E-05	1025,785	
60	3,37091	MODAL	LinModal	Mode	2	2,800E-05	1,298E-05	1025,785	
60	3,85246	MODAL	LinModal	Mode	2	2,800E-05	1,298E-05	1025,785	
60	4,33402	MODAL	LinModal	Mode	2	2,800E-05	1,298E-05	1025,785	
60	4,81555	MODAL	LinModal	Mode	2	2,800E-05	1,298E-05	1025,785	
60	5,29714	MODAL	LinModal	Mode	2	2,800E-05	1,298E-05	1025,785	
60	5,77869	MODAL	LinModal	Mode	2	2,800E-05	1,298E-05	1025,785	
60	6,26025	MODAL	LinModal	Mode	2	2,800E-05	1,298E-05	1025,785	
60	6,74181	MODAL	LinModal	Mode	2	2,800E-05	1,298E-05	1025,785	
60	7,22337	MODAL	LinModal	Mode	2	2,800E-05	1,298E-05	1025,785	
60	7,70493	MODAL	LinModal	Mode	2	2,800E-05	1,298E-05	1025,785	
60	8,18648	MODAL	LinModal	Mode	2	2,800E-05	1,298E-05	1025,785	
60	0	MODAL	LinModal	Mode	3	615,738	1484,958	-2,477E-07	
60	0,48156	MODAL	LinModal	Mode	3	615,738	1484,958	-2,477E-07	
60	0,85312	MODAL	LinModal	Mode	3	615,738	1484,958	-2,477E-07	
60	1,44467	MODAL	LinModal	Mode	3	615,738	1484,958	-2,477E-07	
60	1,92623	MODAL	LinModal	Mode	3	615,738	1484,958	-2,477E-07	
60	2,40778	MODAL	LinModal	Mode	3	615,738	1484,958	-2,477E-07	
60	2,85535	MODAL	LinModal	Mode	3	615,738	1484,958	-2,477E-07	
60	3,37091	MODAL	LinModal	Mode	3	615,738	1484,958	-2,477E-07	
60	3,85246	MODAL	LinModal	Mode	3	615,738	1484,958	-2,477E-07	
60	4,33402	MODAL	LinModal	Mode	3	615,738	1484,958	-2,477E-07	
60	4,81555	MODAL	LinModal	Mode	3	615,738	1484,958	-2,477E-07	
60	5,29714	MODAL	LinModal	Mode	3	615,738	1484,958	-2,477E-07	
60	5,77869	MODAL	LinModal	Mode	3	615,738	1484,958	-2,477E-07	
60	6,26025	MODAL	LinModal	Mode	3	615,738	1484,958	-2,477E-07	
60	6,74181	MODAL	LinModal	Mode	3	615,738	1484,958	-2,477E-07	
60	7,22337	MODAL	LinModal	Mode	3	615,738	1484,958	-2,477E-07	
60	7,70493	MODAL	LinModal	Mode	3	615,738	1484,958	-2,477E-07	
60	8,18648	MODAL	LinModal	Mode	3	615,738	1484,958	-2,477E-07	
60	0	MODAL	LinModal	Mode	4	-2089,858	558,733	-1,309E-07	
60	0,48156	MODAL	LinModal	Mode	4	-2089,858	558,733	-1,309E-07	
60	0,85312	MODAL	LinModal	Mode	4	-2089,858	558,733	-1,309E-07	
60	1,44437	MODAL	LinModal	Mode	4	-2089,858	558,733	-1,309E-07	
60	1,92623	MODAL	LinModal	Mode	4	-2089,858	558,733	-1,309E-07	
60	2,40778	MODAL	LinModal	Mode	4	-2089,858	558,733	-1,309E-07	
60	2,85535	MODAL	LinModal	Mode	4	-2089,858	558,733	-1,309E-07	
60	3,37091	MODAL	LinModal	Mode	4	-2089,858	558,733	-1,309E-07	
60	3,85246	MODAL	LinModal	Mode	4	-2089,858	558,733	-1,309E-07	
60	4,33402	MODAL	LinModal	Mode	4	-2089,858	558,733	-1,309E-07	
60	4,81555	MODAL	LinModal	Mode	4	-2089,858	558,733	-1,309E-07	
60	5,29714	MODAL	LinModal	Mode	4	-2089,858	558,733	-1,309E-07	
60	5,77869	MODAL	LinModal	Mode	4	-2089,858	558,733	-1,309E-07	
60	6,26025	MODAL	LinModal	Mode	4	-2089,858	558,733	-1,309E-07	
60	6,74181	MODAL	LinModal	Mode	4	-2089,858	558,733	-1,309E-07	
60	7,22337	MODAL	LinModal	Mode	4	-2089,858	558,733	-1,309E-07	
60	7,70493	MODAL	LinModal	Mode	4	-2089,858	558,733	-1,309E-07	
60	8,18648	MODAL	LinModal	Mode	4	-2089,858	558,733	-1,309E-07	
60	0	MODAL	LinModal	Mode	5	-911,293	1857,25	6,015E-07	
60	0,48156	MODAL	LinModal	Mode	5	-911,293	1857,25	6,015E-07	
60	0,85312	MODAL	LinModal	Mode	5	-911,293	1857,25	6,015E-07	
60	1,44467	MODAL	LinModal	Mode	5	-911,293	1857,25	6,015E-07	
60	1,92623	MODAL	LinModal	Mode	5	-911,293	1857,25	6,015E-07	

Table: Element Forces - Frames, Part 1 of 3										
Frame	Station	Output/Case	Case Type	Step Type	Step Num	P	N	V2	V3	V4
60	2.40779	MODAL	Link/Modal	Mode	11	-4.807E-07	-1.810E-06		11289.408	
60	2.58035	MODAL	Link/Modal	Mode	11	-4.807E-07	-1.810E-06		11289.408	
60	3.37061	MODAL	Link/Modal	Mode	11	-4.807E-07	-1.810E-06		11272.408	
60	3.85246	MODAL	Link/Modal	Mode	11	-4.807E-07	-1.810E-06		11296.405	
60	4.33402	MODAL	Link/Modal	Mode	11	-4.807E-07	-1.810E-06		11289.405	
60	4.81558	MODAL	Link/Modal	Mode	11	-4.807E-07	-1.810E-06		11290.405	
60	5.29714	MODAL	Link/Modal	Mode	11	-4.807E-07	-1.810E-06		11289.405	
60	5.77869	MODAL	Link/Modal	Mode	11	-4.807E-07	-1.810E-06		11289.405	
60	6.26025	MODAL	Link/Modal	Mode	11	-4.807E-07	-1.810E-06		11289.405	
60	6.74161	MODAL	Link/Modal	Mode	11	-4.807E-07	-1.810E-06		11289.403	
60	7.22337	MODAL	Link/Modal	Mode	11	-4.807E-07	-1.810E-06		11289.405	
60	7.70450	MODAL	Link/Modal	Mode	11	-4.807E-07	-1.810E-06		11290.406	
60	8.18548	MODAL	Link/Modal	Mode	11	-4.807E-07	-1.810E-06		11290.405	
60	8.66704	MODAL	Link/Modal	Mode	12	-12808.589	895.841	-4.810E-05		
60	8.48156	MODAL	Link/Modal	Mode	12	-12808.589	895.841	-4.810E-05		
60	8.89832	MODAL	Link/Modal	Mode	12	-12807.589	895.841	-4.810E-05		
60	1.44467	MODAL	Link/Static	Load	12	-12808.589	895.841	-4.810E-05		
60	1.96133	MODAL	Link/Modal	Mode	12	-12808.589	895.841	-4.810E-05		
60	2.40779	MODAL	Link/Modal	Mode	12	-12808.589	895.841	-4.810E-05		
60	2.88935	MODAL	Link/Modal	Mode	12	-12808.589	895.841	-4.810E-05		
60	3.37091	MODAL	Link/Modal	Mode	12	-12706.589	895.841	-4.810E-05		
60	3.85246	MODAL	Link/Modal	Mode	12	-12808.589	895.841	-4.810E-05		
60	4.33402	MODAL	Link/Modal	Mode	12	-12808.589	895.841	-4.810E-05		
60	4.81558	MODAL	Link/Modal	Mode	12	-12808.589	895.841	-4.810E-05		
60	5.29714	MODAL	Link/Modal	Mode	12	-12808.589	895.841	-4.810E-05		
60	5.77869	MODAL	Link/Modal	Mode	12	-12808.589	895.841	-4.810E-05		
60	6.26025	MODAL	Link/Modal	Mode	12	-12808.589	895.841	-4.810E-05		
60	6.74161	MODAL	Link/Modal	Mode	12	-12808.589	895.841	-4.810E-05		
60	7.22337	MODAL	Link/Modal	Mode	12	-12808.589	895.841	-4.810E-05		
60	7.70471	MODAL	Link/Modal	Mode	12	-12808.589	895.841	-4.810E-05		
60	8.18548	MODAL	Link/Modal	Mode	12	-12808.589	895.841	-4.810E-05		
60	8.66704	LIVE	Link/Static			8.075	-22.281	0		
60	8.48159	LIVE	Link/Static			8.075	-22.281	0		
60	8.89810	LIVE	Link/Static			8.075	-22.281	0		
60	1.44467	LIVE	Link/Static			8.075	-22.281	0		
60	1.96229	LIVE	Link/Static			8.075	-22.281	0		
60	2.40779	LIVE	Link/Static			8.075	-22.281	0		
60	2.88936	LIVE	Link/Static			8.075	-22.281	0		
60	3.37091	LIVE	Link/Static			8.075	-22.281	0		
60	3.85246	LIVE	Link/Static			8.075	-22.281	0		
60	4.33402	LIVE	Link/Static			8.075	-22.281	0		
60	4.81559	LIVE	Link/Static			8.075	-22.281	0		
60	5.29714	LIVE	Link/Static			8.075	-22.281	0		
60	5.77869	LIVE	Link/Static			8.075	-22.281	0		
60	6.26026	LIVE	Link/Static			8.075	-22.281	0		
60	6.74161	LIVE	Link/Static			8.075	-22.281	0		
60	7.22337	LIVE	Link/Static			8.075	-22.281	0		
60	7.70463	LIVE	Link/Static			8.075	-22.281	0		
60	8.18648	LIVE	Link/Static			8.075	-22.281	0		
60	8.66801	DCONI	Combination			37.425	-652.892	0		
60	8.48156	DCONI	Combination			37.425	-622.892	0		
60	8.89512	DCONI	Combination			37.425	-602.892	0		
60	1.44467	DCONI	Combination			37.425	-602.892	0		
60	1.95922	DCONI	Combination			37.425	-642.313	0		

foreas.sdb

Frame		Table: Element Forces - Frames, Part 2 of 3							Free End Displacement
Node	Member	Output Case	Step Type	Step Number	U	V	W		
					MM	MM	MM		
44	2,071.11	MODAL	Mode	5	-1.44E+06	-1.24E+08	1.06E+29	44-1	
44	4,142.33	MODAL	Mode	5	1.44E+06	1.24E+08	1.06E+29	44-1	
44	0	MODAL	Mode	8	-5.28E+06	5.90E+07	-1.77E+29	44-1	
44	2,071.11	MOD+L	Mode	8	-5.28E+06	-0.03E+06	-35.8516	44-1	
44	4,142.33	MODAL	Mode	8	-5.28E+06	-7.77E+07	1.76E+29	44-1	
44	0	MODAL	Mode	7	284.3579	4539.565	5.64E+06	44-1	
44	2,071.11	MODAL	Mode	7	284.3579	2191.2575	-2.41E+08	44-1	
44	4,142.33	MODAL	Mode	7	284.3579	4539.565	5.64E+06	44-1	
44	0	MODAL	Mode	8	-1.14E+02,2078	12.992.81-7	-1.30E+04	44-1	
44	2,071.11	MODAL	Mode	8	-1.14E+02,2078	-2642.15	2.10E+04	44-1	
44	4,142.33	MODAL	Mode	8	-1.14E+02,2078	-18170.23-7	5.617E+04	44-1	
44	0	MODAL	Mode	8	-10119.7188	7854.8585	-1.43E+04	44-1	
44	2,071.11	MODAL	Mode	8	-10119.7188	-2.93E+06	2.53E+04	44-1	
44	4,142.33	MODAL	Mode	8	-10119.7188	-3.93E+07	8.79E+04	44-1	
44	0	MODAL	Mode	10	9.741E-05	-0.05E+08	-2.92E+102	44-1	
44	2,071.11	MODAL	Mode	10	9.741E-05	-2.82E+07	-359.7892	44-1	
44	4,142.33	MODAL	Mode	10	9.741E-05	2.99E+06	2.481E+102	44-1	
44	2,071.11	MODAL	Mode	11	27444.858	20932.6187	-7.30E+05	44-1	
44	4,142.33	MODAL	Mode	11	27444.858	1470.7432	1.14E+04	44-1	
44	0	MODAL	Mode	12	-6.40E-05	1.86E+06	-10.881.6718	44-1	
44	2,071.11	MODAL	Mode	12	-6.40E-05	3.42E+07	22264.9323	44-1	
44	4,142.33	MODAL	Mode	12	-6.40E-05	-1.89E+05	55120.4172	44-1	
44	0	LIVE			0	0	348.9017	44-1	
44	2,071.11	MODAL	Mode	0	0	0	220.5111	44-1	
44	4,142.33	MODAL	Mode	0	0	0	82.9351	44-1	
44	0	DCON1			0	0	313.8372	44-1	
44	2,071.11	DCON1			0	0	358.8881	44-1	
44	4,142.33	DCON1			0	0	465.8391	44-1	
44	0	DCON2			0	0	837.4719	44-1	
44	2,071.11	DCON2			0	0	720.1548	44-1	
44	4,142.33	DCON2			0	0	603.9817	44-1	
45	0	DEAD			0	0	-232.0025	45-1	
45	2,071.11	DE/D			0	0	-289.4272	45-1	
45	4,142.33	DEAD			0	0	-248.8430	45-1	
45	0	MODAL	Mode	1	-115.7948	-82.2578	2.39E+07	45-1	
45	2,071.11	MODAL	Mode	1	-115.7948	-1944.847	-2.847E+07	45-1	
45	4,142.33	MODAL	Mode	1	-115.7948	-3697.4559	-8.141E+07	45-1	
45	0	MODAL	Mode	2	-5173.5541	4094.534	-3.07E+08	45-1	
45	2,071.11	MODAL	Mode	2	-5173.5541	1231.7475	1.201E+05	45-1	
45	4,142.33	MODAL	Mode	2	-5173.5541	8952.404	3.33E+05	45-1	
45	0	MODAL	Mode	3	3.877E+08	1.97E+09	-8.26E+101	45-1	
45	2,071.11	MODAL	Mode	3	3.877E+08	1.24E+07	-1.08E+101	45-1	
45	4,142.33	MODAL	Mode	3	3.877E+08	-1.64E+05	4050.715	45-1	
45	0	MODAL	Mode	4	6.187E+07	-1.19E+07	-2378.2122	45-1	
45	2,071.11	MODAL	Mode	4	6.187E+07	-1.211E+08	2008.1304	45-1	
45	4,142.33	MODAL	Mode	4	6.187E+07	-1.43E+07	7392.479	45-1	
45	0	MODAL	Mode	5	-2.73E+08	6.47E+07	-7.86E+101	45-1	
45	2,071.11	MODAL	Mode	5	-2.73E+08	-1.60E+08	1.10E+88	45-1	
45	4,142.33	MOD+L	Mode	5	-2.73E+08	6.07E+07	10871.2529	45-1	
45	0	MODAL	Mode	6	-1.774E+08	-8.72E+08	17742.1891	45-1	
45	2,071.11	MOD+L	Mode	6	-1.774E+08	4.889E+06	70.77	45-1	
45	4,142.33	MOD+L	Mode	6	-1.774E+08	-1.774E+06	-17690.9176	45-1	
45	0	MODAL	Mode	7	-439.8008	-1E-06C1	6.24E+08	45-1	

Table: Element Forces - Frame11. Part 2 of 3

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Frame	Station	OutputCase	StepType	StepNum	Y	QY	MZ	QX	QY	QZ	Precession
49	0.90667	MODAL	Mode	3	1.488E-06	3.118E-04	2336.9032	49-1			
49	1.36	MODAL	Mode	3	1.488E-06	-9.220E-06	3041.4094	49-1			
49	0	MODAL	Mode	4	-1.083E-08	-1.220E-06	3680.8123	49-1			
49	0.45333	MODAL	Mode	4	-1.083E-08	-9.712E-05	4342.1535	49-1			
49	0.90667	MODAL	Mode	4	-1.083E-08	-6.222E-05	4992.8947	49-1			
49	1.36	MODAL	Mode	4	-1.083E-08	-2.733E-05	5946.2359	49-1			
49	0	MODAL	Mode	5	-4.803E-07	-5.312E-06	-399.0493	49-1			
49	0.45333	MODAL	Mode	5	-4.803E-07	-1.579E-05	-1265.4788	49-1			
49	0.90667	MODAL	Mode	5	-4.803E-07	2.157E-05	-2316.8773	49-1			
49	1.36	MODAL	Mode	5	-4.803E-07	5.891E-05	-3277.2758	49-1			
49	0	MODAL	Mode	6	5.822E-07	1.148E-04	4971.2011	49-1			
49	0.45333	MODAL	Mode	6	5.822E-07	3.849E-05	2784.2359	49-1			
49	0.90667	MODAL	Mode	6	5.822E-07	2.349E-05	1877.2967	49-1			
49	1.36	MODAL	Mode	6	5.822E-07	2.218E-05	-1969.7005	49-1			
49	0	MODAL	Mode	7	-498.1393	-5192.8384	-3.052E-04	49-1			
49	0.45333	MODAL	Mode	7	-498.1393	-6514.0874	-2.000E-04	49-1			
49	0.90667	MODAL	Mode	7	-498.1393	-5835.5383	-9.378E-05	49-1			
49	1.36	MODAL	Mode	7	-498.1393	-5156.9632	1.247E-05	49-1			
49	0	MODAL	Mode	8	12782.743	-849.3328	0.0015	49-1			
49	0.45333	MODAL	Mode	8	12782.743	-7204.0614	0.0012	49-1			
49	0.90667	MODAL	Mode	8	12782.743	-5913.7901	7.391E-04	49-1			
49	1.36	MODAL	Mode	8	12782.743	-4623.5187	3.757E-04	49-1			
49	0	MODAL	Mode	9	7.253E-04	-2788.1044	0.0016	49-1			
49	0.45333	MODAL	Mode	9	7.253E-04	-31038.1989	0.0011	49-1			
49	0.90667	MODAL	Mode	9	7.253E-04	-54958.0873	8.814E-04	49-1			
49	1.36	MODAL	Mode	9	7.253E-04	-37733.9787	1.148E-04	49-1			
49	0	MODAL	Mode	10	-2.849E-05	-0.0025	10838.8402	49-1			
49	0.45333	MODAL	Mode	10	-2.849E-05	-0.0011	5140.103	49-1			
49	0.90667	MODAL	Mode	10	-2.849E-05	2.349E-04	6440.385	49-1			
49	1.36	MODAL	Mode	10	-2.849E-05	0.0013	2740.6275	49-1			
49	0	MODAL	Mode	11	-19890.2806	-5898.5682	0.0015	49-1			
49	0.45333	MODAL	Mode	11	-19890.2806	-73429.3777	8.114E-04	49-1			
49	0.90667	MODAL	Mode	11	-19890.2806	-10889.1092	0.888E-05	49-1			
49	1.36	MODAL	Mode	11	-19890.2806	-10889.1092	-0.137E-04	49-1			
49	0	MODAL	Mode	12	1.558E-05	-0.0028	-37187.086	49-1			
49	0.45333	MODAL	Mode	12	1.558E-05	-6.886E-04	-44801.353	49-1			
49	0.90667	MODAL	Mode	12	1.558E-05	0.0015	-58445.02	49-1			
49	1.36	MODAL	Mode	12	1.558E-05	0.0085	-69089.587	49-1			
49	0	LIVE			0	0	-170.353	49-1			
49	0.45333	LIVE			0	0	-173.5899	49-1			
49	0.90667	LIVE			0	0	-177.0408	49-1			
49	1.36	LIVE			0	0	-180.3648	49-1			
49	0	DCON1			0	0	-623.3355	49-1			
49	0.45333	DCON1			0	0	-618.8477	49-1			
49	0.90667	DCON1			0	0	-638.8748	49-1			
49	1.36	DCON1			0	0	-588.4972	49-1			
49	0	DCON2			0	0	-779.0853	49-1			
49	0.45333	DCON2			0	0	-780.4331	49-1			
49	0.90667	DCON2			0	0	-804.4381	49-1			
49	1.36	DCON2			0	0	-851.0749	49-1			
49	0	DEAD			0	0	-432.8804	50-1			
49	0.45333	DEAD			0	0	-359.2157	50-1			
49	0.90667	DEAD			0	0	-302.6346	50-1			
49	1.36	DEAD			0	0	-252.5208	50-1			

Frame	Station	OutputCase	StepType	StepNum	Y	QY	MZ	QX	QY	QZ	Precession
50	0	MODAL	Mode	1	-408.1828	-1257.3119	1.379E-06	50-1			
50	0.45333	MODAL	Mode	1	-408.1828	-1178.8135	-8.11E-06	50-1			
50	0.90667	MODAL	Mode	1	-408.1828	-1100.5152	-1.58E-06	50-1			
50	1.36	MODAL	Mode	1	-408.1828	-1022.1168	-3.091E-06	50-1			
50	0	MODAL	Mode	2	5504.9878	-4989.4285	-5.446E-05	50-1			
50	0.45333	MODAL	Mode	2	5504.9878	-5345.3593	3.370E-06	50-1			
50	0.90667	MODAL	Mode	2	5504.9878	-4889.2819	1.310E-04	50-1			
50	1.36	MODAL	Mode	2	5504.9878	-3877.1101	2.300E-04	50-1			
50	0	MODAL	Mode	3	1.636E-06	-5.783E-06	2821.272	50-1			
50	0.45333	MODAL	Mode	3	1.636E-06	-7.781E-05	1801.8258	50-1			
50	0.90667	MODAL	Mode	3	1.636E-06	-1.463E-04	1152.3752	50-1			
50	1.36	MODAL	Mode	3	1.63E-05	-2.190E-04	332.8328	50-1			
50	0	MODAL	Mode	4	-3.881E-09	-2.768E-06	4888.3501	50-1			
50	0.45333	MODAL	Mode	4	-3.881E-09	2.201E-06	4488.7245	50-1			
50	0.90667	MODAL	Mode	4	-3.881E-09	7.187E-05	3951.1184	50-1			
50	1.36	MODAL	Mode	4	-3.881E-09	1.213E-05	3433.5143	50-1			
50	0	MODAL	Mode	5	-5.041E-07	5.815E-05	-2844.2828	50-1			
50	0.45333	MODAL	Mode	5	-5.041E-07	5.824E-05	-3128.3688	50-1			
50	0.90667	MODAL	Mode	5	-5.041E-07	5.387E-05	-3612.4487	50-1			
50	1.36	MODAL	Mode	5	-5.041E-07	5.111E-05	-4088.5236	50-1			
50	0	MODAL	Mode	6	5.638E-07	-2.187E-05	-282.744	50-1			
50	0.45333	MODAL	Mode	6	5.638E-07	-5.519E-05	-2565.751	50-1			
50	0.90667	MODAL	Mode	6	5.638E-07	-8.949E-05	-4035.7138	50-1			
50	1.36	MODAL	Mode	6	5.638E-07	-1.217E-04	-7281.772	50-1			
50	0	MODAL	Mode	7	485.3079	-6114.0464	6.375E-06	50-1			
50	0.45333	MODAL	Mode	7	485.3079	-6027.7924	8.194E-05	50-1			
50	0.90667	MODAL	Mode	7	485.3079	-5841.5394	1.752E-04	50-1			
50	1.36	MODAL	Mode	7	485.3079	-5656.2136	2.585E-04	50-1			
50	0	MODAL	Mode	8	11783.1453	-359.8827	3.977E-04	50-1			
50	0.45333	MODAL	Mode	8	11783.1453	-4101.8301	-2.391E-04	50-1			
50	0.90667	MODAL	Mode	8	11783.1453	-1187.3838	-0.0016	50-1			
50	1.36	MODAL	Mode	8	11783.1453	-37208.7341	1.338E-04	50-1			
50	0	MODAL	Mode	9	7336.5117	-40451.5113	-3.463E-04	50-1			
50	0.45333	MODAL	Mode	9	7336.5117	-40713.3883	-8.255E-04	50-1			
50	0.90667	MODAL	Mode	9	7336.5117	-48288.0658	-0.0013	50-1			
50	1.36	MODAL	Mode	9	7336.5117	-48288.0658	-0.0013	50-1			
50	0	MODAL	Mode	10	-2.989E-05	0.0016	3341.7637	50-1			
50	0.45333	MODAL	Mode	10	-2.989E-05	0.0022	4194.37	50-1			
50	0.90667	MODAL	Mode	10	-2.989E-05	0.0021	-2502.7764	50-1			
50	1.36	MODAL	Mode	10	-2.989E-05	0.0034	-5429.0485	50-1			
50	0	MODAL	Mode	11	-19803.7336	-10732.854	-8.019E-04	50-1			
50	0.45333	MODAL	Mode	11	-19803.7336	-123710.885	-5.148E-04	50-1			
50	0.90667	MODAL	Mode	11	-19803.7336	-109682.838	-4.278E-04	50-1			
50	1.36	MODAL	Mode	11	-19803.7336	-106454.977	-3.408E-04	50-1			
50	0	MODAL	Mode	12	1.632E-05	0.0012	-45788.4108	50-1			
50	0.45333	MODAL	Mode	12	1.632E-05	4.0013	-46070.8772	50-1			
50	0.90667	MODAL	Mode	12	1.632E-05	-0.0039	-51542.6487	50-1			
50	1.36	MODAL	Mode	12	1.632E-05	-0.0039	-51542.6487	50-1			
50	0	LIVE			0	0	-174.8921	50-1			
50	0.45333	LIVE			0	0	-154.7847	50-1			
50	0.90667	LIVE			0	0	-134.677	50-1			
50	1.36	LIVE			0	0	-114.5875	50-1			
50	0	DCON1			0	0	-584.9865	50-1			
50	0.45333	DCON1			0	0	-488.9411	50-1			

Table: Element Forces - Frames, Part 2 of 3											
Frame	Station	OutputCase	StepType	StepNum	Y	QY	MZ	QX	QY	QZ	Precession
50	0.90667	DCON1			0	0	-488.422	50-1			
50	1.36	DCON1			0	0	-354.538	50-1			
50	0	DCON2			0	0	-548.4338	50-1			
50	0.45333	DCON2			0	0	-717.118	50-1			
50	0.90667	DCON2			0	0	-610.4375	50-1			
50	1.36	DCON2			0	0	-628.3822	50-1			
50	0	DEAD			0	0	-278.6459	51-1			
50	0.45333	DEAD			0	0	-128.9789	51-1			
50	0.90667	DEAD			0	0	5.7242	51-1			
50	1.36	DEAD			0	0	122.7804	51-1			
50	0	MODAL	Mode	1	-1541.3089	-1018.8288	-3.017E-06	51-1			
50	0.45333	MODAL	Mode	1	-1541.3089	-829.0592	-2.215E-06	51-1			
50	0.90667	MODAL	Mode	1	-1541.3089	-638.2686	-1.419E-06	51-1			
50	1.36	MODAL	Mode	1	-1541.3089	-447.5176	-1.112E-07	51-1			
50	0	MODAL	Mode	2	5287.0407	-3688.1468	2.308E-04	51-1			
50	0.45333	MODAL	Mode	2	5287.0407	-2636.7277	1.240E-04	51-1			
50	0.90667	MODAL	Mode	2	5287.0407	-1593.8748	1.258E-05	51-1			
50	1.36	MODAL	Mode	2	5287.0407	-101.8848	-8.743E-05	51-1			
50	0	MODAL	Mode	3	1.832E-05	-2.140E-04	175.6911	51-1			
50	0.45333	MODAL	Mode	3	1.832E-05	-2.168E-04	-887.0528	51-1			
50	0.90667	MODAL	Mode	3	1.832E-05	-2.381E-04	-1988.7886	51-1			
50	1.36	MODAL	Mode	3	1.832E-05	-2.168E-04	-3642.8553	51-1			
50	0	MODAL	Mode	4	3.355E-09	1.231E-05	3542.3831	51-1			
50	0.45333	MODAL	Mode	4	3.355E-09	9.544E-06	2142.3333	51-1			
50	0.90667	MODAL	Mode	4	3.35E-09	6.972E-06	742.1488	51-1			
50	1.36	MODAL	Mode	4	3.355E-09	4.410E-06	-658.0308	51-1			
50	0	MODAL	Mode	5	-5.422E-07	5.198E-05	-7417.5943	51-1			
50	0.45333	MODAL	Mode	5	-5.422E-07	2.277E-05	-3814.8555	51-1			
50	0.90667	MODAL	Mode	5	-5.42E-07	-6.458E-06	229.1151	51-1			
50	1.36	MODAL	Mode	5	-5.420E-07	-3.52E-05	-4247.7578	51-1			
50	0	MODAL	Mode	6	6.408E-07	-1.216E-04	-6095.0556	51-1			
50	0.45333	MODAL	Mode	6	6.408E-07	-6.741E-05	-8898.7814	51-1			
50	0.90667	MODAL	Mode	6	6.408E-07	-5.319E-05	-11702.6732	51-1			
50	1.36	MODAL	Mode	6	5.409E-07	-1.608E-05	-16529.278	51-1			
50	0	MODAL	Mode	7	1853.8778	-6282.5653	2.620E-04	51-1			
50	0.45333	MODAL	Mode	7	1853.8789	-5242.1618	9.415E-06	51-1			
50	0.90667	MODAL	Mode	7	1853.8789	-4861.8859	-7.169E-06	51-1			
50	1.36	MODAL	Mode	7	1853.8789	-4361.2024	-2.370E-04	51-1			
50	0	MODAL	Mode	8	11108.3367	2123.8769	-0.0016	51-1			
50	0.45333	MODAL	Mode	8	11108.3327	-554.6588	-8.802E-04	51-1			
50	0.90667	MODAL	Mode	8	11108.3307	-1004.6938	-28.16E-06	51-1			
50	1.36	MODAL	Mode	8	11108.3357	2573.8852	8.573E-04	51-1			
50	0	MODAL	Mode	9	7834.4831	-46581.8078	-0.0013	51-1			
50	0.45333	MODAL	Mode	9	7834.4831	-46622.0622	-5.577E-04	51-1			
50	0.90667	MODAL	Mode	9	7834.4331	-52724.3311	1.967E-04	51-1			
50	1.36	MODAL	Mode	9	7834.4831	-53798.6716	1.649E-04	51-1			
50	0	MODAL	Mode	10	-3.170E-06	0.0034	-2845.4314	51-1			
50	0.45333	MODAL	Mode	10	-3.170E-06	0.0021	-7854.2179	51-1			
50	0.90667	MODAL	Mode	10	-3.170E-06	7.495E-04	-10661.0844	51-1			
50	1.36	MODAL	Mode	10	-3.170E-06	-8.808E-04	-13845.8004	51-1			
50	0	MODAL	Mode	11	-32027.883	-154191.878	-3.478E-04	51-1			
50	0.45333	MODAL	Mode	11	-32027.885	-154191.875	-3.203E-05	51-1			
50	0.90667	MODAL	Mode	11	-32027.883	-177249.1	2.288E-04	51-1			
50	1.36	MODAL	Mode	11	-32027.773	-168825.577	3.855E-04	51-1			

Frame	Station	OutputCase	StepType	StepName	U1	U2	U3	U4	U5	U6	U7	U8	U9	U10	U11	U12	U13	U14	U15	U16	U17	U18	U19	U20	U21	U22	U23	U24	U25	U26	U27	U28	U29	U30	U31	U32	U33	U34	U35	U36	U37	U38	U39	U40	U41	U42	U43	U44	U45	U46	U47	U48	U49	U50	U51	U52	U53	U54	U55	U56	U57	U58	U59	U60	U61	U62	U63	U64	U65	U66	U67	U68	U69	U70	U71	U72	U73	U74	U75	U76	U77	U78	U79	U80	U81	U82	U83	U84	U85	U86	U87	U88	U89	U90	U91	U92	U93	U94	U95	U96	U97	U98	U99	U100	U101	U102	U103	U104	U105	U106	U107	U108	U109	U110	U111	U112	U113	U114	U115	U116	U117	U118	U119	U120	U121	U122	U123	U124	U125	U126	U127	U128	U129	U130	U131	U132	U133	U134	U135	U136	U137	U138	U139	U140	U141	U142	U143	U144	U145	U146	U147	U148	U149	U150	U151	U152	U153	U154	U155	U156	U157	U158	U159	U160	U161	U162	U163	U164	U165	U166	U167	U168	U169	U170	U171	U172	U173	U174	U175	U176	U177	U178	U179	U180	U181	U182	U183	U184	U185	U186	U187	U188	U189	U190	U191	U192	U193	U194	U195	U196	U197	U198	U199	U200	U201	U202	U203	U204	U205	U206	U207	U208	U209	U210	U211	U212	U213	U214	U215	U216	U217	U218	U219	U220	U221	U222	U223	U224	U225	U226	U227	U228	U229	U230	U231	U232	U233	U234	U235	U236	U237	U238	U239	U240	U241	U242	U243	U244	U245	U246	U247	U248	U249	U250	U251	U252	U253	U254	U255	U256	U257	U258	U259	U260	U261	U262	U263	U264	U265	U266	U267	U268	U269	U270	U271	U272	U273	U274	U275	U276	U277	U278	U279	U280	U281	U282	U283	U284	U285	U286	U287	U288	U289	U290	U291	U292	U293	U294	U295	U296	U297	U298	U299	U300	U301	U302	U303	U304	U305	U306	U307	U308	U309	U310	U311	U312	U313	U314	U315	U316	U317	U318	U319	U320	U321	U322	U323	U324	U325	U326	U327	U328	U329	U330	U331	U332	U333	U334	U335	U336	U337	U338	U339	U340	U341	U342	U343	U344	U345	U346	U347	U348	U349	U350	U351	U352	U353	U354	U355	U356	U357	U358	U359	U360	U361	U362	U363	U364	U365	U366	U367	U368	U369	U370	U371	U372	U373	U374	U375	U376	U377	U378	U379	U380	U381	U382	U383	U384	U385	U386	U387	U388	U389	U390	U391	U392	U393	U394	U395	U396	U397	U398	U399	U400	U401	U402	U403	U404	U405	U406	U407	U408	U409	U410	U411	U412	U413	U414	U415	U416	U417	U418	U419	U420	U421	U422	U423	U424	U425	U426	U427	U428	U429	U430	U431	U432	U433	U434	U435	U436	U437	U438	U439	U440	U441	U442	U443	U444	U445	U446	U447	U448	U449	U450	U451	U452	U453	U454	U455	U456	U457	U458	U459	U460	U461	U462	U463	U464	U465	U466	U467	U468	U469	U470	U471	U472	U473	U474	U475	U476	U477	U478	U479	U480	U481	U482	U483	U484	U485	U486	U487	U488	U489	U490	U491	U492	U493	U494	U495	U496	U497	U498	U499	U500	U501	U502	U503	U504	U505	U506	U507	U508	U509	U510	U511	U512	U513	U514	U515	U516	U517	U518	U519	U520	U521	U522	U523	U524	U525	U526	U527	U528	U529	U530	U531	U532	U533	U534	U535	U536	U537	U538	U539	U540	U541	U542	U543	U544	U545	U546	U547	U548	U549	U550	U551	U552	U553	U554	U555	U556	U557	U558	U559	U560	U561	U562	U563	U564	U565	U566	U567	U568	U569	U570	U571	U572	U573	U574	U575	U576	U577	U578	U579	U580	U581	U582	U583	U584	U585	U586	U587	U588	U589	U590	U591	U592	U593	U594	U595	U596	U597	U598	U599	U600	U601	U602	U603	U604	U605	U606	U607	U608	U609	U610	U611	U612	U613	U614	U615	U616	U617	U618	U619	U620	U621	U622	U623	U624	U625	U626	U627	U628	U629	U630	U631	U632	U633	U634	U635	U636	U637	U638	U639	U640	U641	U642	U643	U644	U645	U646	U647	U648	U649	U650	U651	U652	U653	U654	U655	U656	U657	U658	U659	U660	U661	U662	U663	U664	U665	U666	U667	U668	U669	U670	U671	U672	U673	U674	U675	U676	U677	U678	U679	U680	U681	U682	U683	U684	U685	U686	U687	U688	U689	U690	U691	U692	U693	U694	U695	U696	U697	U698	U699	U700	U701	U702	U703	U704	U705	U706	U707	U708	U709	U710	U711	U712	U713	U714	U715	U716	U717	U718	U719	U720	U721	U722	U723	U724	U725	U726	U727	U728	U729	U730	U731	U732	U733	U734	U735	U736	U737	U738	U739	U740	U741	U742	U743	U744	U745	U746	U747	U748	U749	U750	U751	U752	U753	U754	U755	U756	U757	U758	U759	U760	U761	U762	U763	U764	U765	U766	U767	U768	U769	U770	U771	U772	U773	U774	U775	U776	U777	U778	U779	U780	U781	U782	U783	U784	U785	U786	U787	U788	U789	U790	U791	U792	U793	U794	U795	U796	U797	U798	U799	U800	U801	U802	U803	U804	U805	U806	U807	U808	U809	U810	U811	U812	U813	U814	U815	U816	U817	U818	U819	U820	U821	U822	U823	U824	U825	U826	U827	U828	U829	U830	U831	U832	U833	U834	U835	U836	U837	U838	U839	U840	U841	U842	U843	U844	U845	U846	U847	U848	U849	U850	U851	U852	U853	U854	U855	U856	U857	U858	U859	U860	U861	U862	U863	U864	U865	U866	U867	U868	U869	U870	U871	U872	U873	U874	U875	U876	U877	U878	U879	U880	U881	U882	U883	U884	U885	U886	U887	U888	U889	U890	U891	U892	U893	U894	U895	U896	U897	U898	U899	U900	U901	U902	U903	U904	U905	U906	U907	U908	U909	U910	U911	U912	U913	U914	U915	U916	U917	U918	U919	U920	U921	U922	U923	U924	U925	U926	U927	U928	U929	U930	U931	U932	U933	U934	U935	U936	U937	U938	U939	U940	U941	U942	U943	U944	U945	U946	U947	U948	U949	U950	U951	U952	U953	U954	U955	U956	U957	U958	U959	U960	U961	U962	U963	U964	U965	U966	U967	U968	U969	U970	U971	U972	U973	U974	U975	U976	U977	U978	U979	U980	U981	U982	U983	U984	U985	U986	U987	U988	U989	U990	U991	U992	U993	U994	U995	U996	U997	U998	U999	U1000	U1001	U1002	U1003	U1004	U1005	U1006	U1007	U1008	U1009	U1010	U1011	U1012	U1013	U1014	U1015	U1016	U1017	U1018	U1019	U1020	U1021	U1022	U1023	U1024	U1025	U1026	U1027	U1028	U1029	U1030	U1031	U1032	U1033	U1034	U1035	U1036	U1037	U1038	U1039	U1040	U1041	U1042	U1043	U1044	U1045	U1046	U1047	U1048	U1049	U1050	U1051	U1052	U1053	U1054	U1055	U1056	U1057	U1058	U1059	U1060	U1061	U1062	U1063	U1064	U1065	U1066	U1067	U1068	U1069	U1070	U1071	U1072	U1073	U1074	U1075	U1076	U1077	U1078	U1079	U1080	U1081	U1082	U1083	U1084	U1085	U1086	U1087	U1088	U1089	U1090	U1091	U1092	U1093	U1094	U1095	U1096	U1097	U1098	U1099	U1100	U1101	U1102	U1103	U1104	U1105	U1106	U1107	U1108	U1109	U1110	U1111	U1112	U1113	U1114	U1115	U1116	U1117	U1118	U1119	U1120	U1121	U1122	U1123	U1124	U1125	U1126	U1127	U1128	U1129	U1130	U1131	U1132	U1133	U1134	U1135	U1136	U1137	U1138	U1139	U1140	U1141	U1142	U1143	U1144	U1145	U1146	U1147	U1148	U1149	U1150	U1151	U1152	U1153	U1154	U1155	U1156	U1157	U1158	U1159	U1160	U1161	U1162	U1163	U1164	U1165	U1166	U1167	U1168	U1169	U1170	U1171	U1172	U1173	U1174	U1175	U1176	U1177	U1178	U1179	U1180	U1181	U1182	U1183	U1184	U1185	U1186	U1187	U1188	U1189	U1190	U1191	U1192	U1193	U1194	U1195	U1196	U1197	U1198	U1199	U1200	U1201	U1202	U1203	U1204	U1205	U1206	U1207	U1208	U1209	U1210	U1211	U1212	U1213	U1214	U1215	U1216	U1217	U1218	U1219	U1220	U1221	U1222	U1223	U1224	U1225	U1226	U1227	U1228	U1229	U1230	U1231	U1232	U1233	U1234	U1235	U1236	U1237	U1238	U1239	U1240	U1241	U1242	U1243	U1244	U1245	U1246	U1247	U1248	U1249	U1250	U1251	U1252	U1253	U1254	U1255	U1256	U1257	U1258	U1259	U1260	U1261	U1262	U1263	U1264	U1265	U1266	U1267	U1268	U1269	U1270	U1271	U1272	U1273	U1274	U1275	U1276	U1277	U1278	U1279	U1280	U1281	U1282	U1283	U1284	U1285	U1286	U1287	U1288	U1289	U1290	U1291	U1292	U1293	U1294	U1295	U1296	U1297	U1298	U1299	U1300	U1301	U1302	U1303	U1304	U1305	U1306	U1307	U1308	U1309	U1310	U1311	U1312	U1313	U1314	U1315	U1316	U1317	U1318	U1319	U1320	U1321	U1322	U1323	U1324	U1325	U1326	U1327	U1328	U1329	U1330	U1331	U1332	U1333	U1334
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Table: Element Forces - Frames, Part 2 of 3										
Frame	Station	OutputCase	StepType	StepName	Y	U1	U2	U3	U4	U5
55	0.90867	DCON2	Mode		0	0	-498.8724	55-1		
56	1.36	DCON2	Mode		0	0	-817.4734	55-1		
56	0	DEAD	Mode		0	0	-431.3189	55-1		
56	0.45333	DE/D	Mode		0	0	-401.4413	55-1		
56	0.90867	DEAD	Mode		0	0	-388.3365	55-1		
56	1.36	DEAD	Mode		0	0	-381.9885	55-1		
56	0	MODAL	Mode	1	-525.8286	-1270.3791	1.307E-06	55-1		
56	0.45333	MODAL	Mode	1	-525.8286	-1236.5123	4.284E-05	55-1		
56	0.90867	MODAL	Mode	1	-525.8286	-1202.7652	2.224E-05	55-1		
56	1.36	MODAL	Mode	1	-525.8286	-1169.0172	1.018E-05	55-1		
56	0	MODAL	Mode	2	8022.332	6377.0576	2.218E-05	55-1		
56	0.45333	MODAL	Mode	2	8022.332	6734.3818	-1.641E-05	55-1		
56	0.90867	MODAL	Mode	2	8022.332	7091.7157	-5.901E-05	55-1		
56	1.36	MODAL	Mode	2	8022.332	7449.0397	-8.990E-05	55-1		
56	0	MODAL	Mode	3	-1.738E-06	-3.413E-04	-8.019E-17	55-1		
56	0.45333	MODAL	Mode	3	-1.738E-06	-2.174E-04	-3.517E-17	55-1		
56	0.90867	MODAL	Mode	3	-1.738E-06	-8.355E-05	-4.015E-18	55-1		
56	1.36	MODAL	Mode	3	-1.738E-06	3.032E-05	-4.513E-18	55-1		
56	0	MODAL	Mode	4	-1.149E-07	-7.187E-06	5.125E-12	55-1		
56	0.45333	MODAL	Mode	4	-1.149E-07	4.415E-05	4.757E-12	55-1		
56	0.90867	MODAL	Mode	4	-1.149E-07	1.602E-05	4.350E-12	55-1		
56	1.36	MODAL	Mode	4	-1.149E-07	2.782E-05	4.023E-12	55-1		
56	0	MODAL	Mode	5	6.201E-07	-1.322E-05	3.175E-13	55-1		
56	0.45333	MODAL	Mode	5	6.201E-07	-3.370E-05	2.222E-13	55-1		
56	0.90867	MODAL	Mode	5	6.201E-07	-6.417E-05	1.270E-13	55-1		
56	1.36	MODAL	Mode	5	6.201E-07	-7.489E-05	3.104E-14	55-1		
56	0	MODAL	Mode	6	9.362E-08	1.001E-06	-1.677E-19	55-1		
56	0.45333	MODAL	Mode	6	9.362E-08	-2.327E-06	5.150E-19	55-1		
56	0.90867	MODAL	Mode	6	9.362E-08	-6.889E-06	2.697E-19	55-1		
56	1.36	MODAL	Mode	6	9.362E-08	-1.078E-04	4.879E-14	55-1		
56	0	MODAL	Mode	7	809.1141	-8178.1798	4.733E-05	55-1		
56	0.45333	MODAL	Mode	7	809.1141	-8440.7408	-2.389E-05	55-1		
56	0.90867	MODAL	Mode	7	809.1141	-8503.3042	-6.337E-05	55-1		
56	1.36	MODAL	Mode	7	809.1141	-8105.8079	-1.084E-04	55-1		
56	0	MODAL	Mode	8	12731.29	4210.7427	-1.840E-04	55-1		
56	0.45333	MODAL	Mode	8	12731.29	5549.7166	2.927E-04	55-1		
56	0.90867	MODAL	Mode	8	12731.29	5884.5845	3.894E-04	55-1		
56	1.36	MODAL	Mode	8	12731.29	6227.6703	0.0011	55-1		
56	0	MODAL	Mode	9	-7320.4092	-37958.2352	5.568E-04	55-1		
56	0.45333	MODAL	Mode	9	-7320.4092	-34515.6795	4.802E-04	55-1		
56	0.90867	MODAL	Mode	9	-7320.4092	-31275.1115	4.339E-04	55-1		
56	1.36	MODAL	Mode	9	-7320.4092	-27954.5471	3.874E-04	55-1		
56	0	MODAL	Mode	10	3.590E-05	0.0014	-2.581E-06	55-1		
56	0.45333	MODAL	Mode	10	3.590E-05	-2.518E-04	-5.286E-10	55-1		
56	0.90867	MODAL	Mode	10	3.590E-05	-8.001E-05	-3.05E-10	55-1		
56	1.36	MODAL	Mode	10	3.590E-05	-0.0003	-1.071E-10	55-1		
56	0	MODAL	Mode	11	18884.6757	-11045.202	-3.705E-04	55-1		
56	0.45333	MODAL	Mode	11	18884.6757	-92204.081	-6.245E-05	55-1		
56	0.90867	MODAL	Mode	11	18884.6757	-74992.5559	1.898E-04	55-1		
56	1.36	MODAL	Mode	11	18884.6757	-57121.832	4.842E-04	55-1		
56	0	MODAL	Mode	12	-3.572E-05	-0.0016	8.0224E-10	55-1		
56	0.45333	MODAL	Mode	12	-3.572E-05	-0.0016	5.274E-10	55-1		
56	0.90867	MODAL	Mode	12	-3.572E-05	-0.0014	4.634E-10	55-1		
56	1.36	MODAL	Mode	12	-3.572E-05	-0.0013	3.7904E-10	55-1		

Table: Element Forces - Frames, Part 2 of 3										
Frame	Station	OutputCase	StepType	StepName	Y	U1	U2	U3	U4	U5
56	0	LIVE	Mode		0	0	-11.6032	55-1		
56	0.45333	LIVE	Mode		0	0	-14.5065	55-1		
56	0.90867	LIVE	Mode		0	0	-17.5169	55-1		
56	1.36	LIVE	Mode		0	0	-20.5273	55-1		
56	0	DCON1	Mode		0	0	-582.2724	55-1		
56	0.45333	DCON1	Mode		0	0	-541.047	55-1		
56	0.90867	DCON1	Mode		0	0	-524.2542	55-1		
56	1.36	DCON1	Mode		0	0	-520.150	55-1		
56	0	DCON2	Mode		0	0	-559.5226	55-1		
56	0.45333	DCON2	Mode		0	0	-583.7085	55-1		
56	0.90867	DCON2	Mode		0	0	-550.5275	55-1		
56	1.36	DCON2	Mode		0	0	-509.0699	55-1		
56	0	DEAD	Mode		0	0	-435.2577	55-1		
56	0.45333	DEAD	Mode		0	0	-300.8822	55-1		
56	0.90867	DEAD	Mode		0	0	-213.2735	55-1		
56	1.36	DEAD	Mode		0	0	-142.4316	55-1		
56	0	MODAL	Mode	1	-1572.4329	-1179.5601	1.037E-05	57-1		
56	0.45333	MODAL	Mode	1	-1572.4329	-871.1139	2.470E-05	57-1		
56	0.90867	MODAL	Mode	1	-1572.4329	-771.9408	-8.848E-05	57-1		
56	1.36	MODAL	Mode	1	-1572.4329	-774.7139	-9.801E-05	57-1		
56	0	MODAL	Mode	2	3354.0946	7394.2281	-4.140E-05	57-1		
56	0.45333	MODAL	Mode	2	3354.0946	7381.7424	1.821E-06	57-1		
56	0.90867	MODAL	Mode	2	3354.0946	7393.2593	7.303E-05	57-1		
56	1.36	MODAL	Mode	2	3354.0946	7393.2593	-4.884E-05	57-1		
56	0	MODAL	Mode	3	-1.890E-06	1.890E-04	-4.812E-10	57-1		
56	0.45333	MODAL	Mode	3	-1.890E-06	1.890E-04	-4.812E-10	57-1		
56	0.90867	MODAL	Mode	3	-1.890E-06	1.890E-04	-4.812E-10	57-1		
56	1.36	MODAL	Mode	3	-1.890E-06	1.890E-04	-4.812E-10	57-1		
56	0	MODAL	Mode	4	-1.205E-07	2.759E-05	4.278E-10	57-1		
56	0.45333	MODAL	Mode	4	-1.205E-07	2.423E-05	2.982E-10	57-1		
56	0.90867	MODAL	Mode	4	-1.205E-07	2.087E-05	1.646E-10	57-1		
56	1.36	MODAL	Mode	4	-1.205E-07	1.751E-05	3.502E-11	57-1		
56	0	MODAL	Mode	5	6.250E-07	-7.188E-05	-6.25E-10	57-1		
56	0.45333	MODAL	Mode	5	6.250E-07	-9.321E-05	-2.275E-10	57-1		
56	0.90867	MODAL	Mode	5	6.250E-07	-6.852E-05	-3.22E-10	57-1		
56	1.36	MODAL	Mode	5	6.250E-07	-1.078E-04	3.611E-10	57-1		
56	0	MODAL	Mode	6	1.201E-07	-7.432E-05	6.943E-11	57-1		
56	0.45333	MODAL	Mode	6	1.201E-07	-4.085E-05	8.274E-11	57-1		
56	0.90867	MODAL	Mode	6	1.201E-07	-2.578E-05	1.050E-10	57-1		
56	1.36	MODAL	Mode	6	1.201E-07	-1.873E-04	-1.873E-04	57-1		
56	0	MODAL	Mode	7	1889.5058	-4482.5871	-1.032E-04	57-1		
56	0.45333	MODAL	Mode	7	1889.5058	-3722.2189	-4.931E-05	57-1		
56	0.90867	MODAL	Mode	7	1889.5058	-2971.5454	1.598E-05	57-1		
56	1.36	MODAL	Mode	7	1889.5058	-2708.1413	0.0011	57-1		
56	0	MODAL	Mode	8	14084.35	8430.3725	3.735E-04	57-1		
56	0.45333	MODAL	Mode	8	14084.35	9592.6038	-3.800E-04	57-1		
56	0.90867	MODAL	Mode	8	14084.35	1054.853	-0.0011	57-1		
56	1.36	MODAL	Mode	8	14084.35	-2856.8612	-3.800E-04	57-1		
56	0	MODAL	Mode	9	-7463.2954	-35224.4537	1.684E-04	57-1		
56	0.45333	MODAL	Mode	9	-7463.2954	-21894.0801	-5.843E-05	57-1		
56	0.90867	MODAL	Mode	9	-7463.2954	-18543.8646	-2.853E-04	57-1		
56	1.36	MODAL	Mode	9	-7463.2954	-16043.8646	-2.853E-04	57-1		
56	0	MODAL	Mode	10	3.532E-05	-0.0033	-1.0374E-10	57-1		
56	0.45333	MODAL	Mode	10	3.532E-05	-0.0041	-1.273E-10	57-1		

Table: Element Forces - Frames, Part 2 of 3										
Frame	Station	OutputCase	StepType	StepName	Y	U1	U2	U3	U4	U5
57	0.90867	MODAL	Mode	10	3.623E-05	-0.0047	-1.098E-10	57-1		
57	1.36	MODAL	Mode	10	3.623E-05	-0.0053	-1.748E-10	57-1		
57	0	MODAL	Mode	11	20521.1459	-59107.5338	4.641E-04	57-1		
57	0.45333	MODAL	Mode	11	20521.1459	-42065.3108	2.200E-04	57-1		
57	0.90867	MODAL	Mode	11	20521.1459	-35083.0878	-5.030E-05	57-1		
57	1.36	MODAL	Mode	11	20521.1459	-4070.5647	-2.411E-04	57-1		
57	0	MODAL	Mode	12	-3.798E-05	-0.0014	4.037E-10	57-1		
57	0.45333	MODAL	Mode	12	-3.798E-05	0.0034	2.918E-10	57-1		
57	0.90867	MODAL	Mode	12	-3.798E-05	0.0082	9.954E-11	57-1		
57	1.36	MODAL	Mode	12	-3.798E-05	0.0129	5.294E-11	57-1		
57	0	LIVE	Mode		0	0	-11.5274	57-1		

Table: Element Forces - Frames, Part 2 of 3												
Frame	Station	OutputCase	StopType	Replicates	T	U1	U2	U3	U4	U5	U6	FrameElem
59	1.82623	MODAL	Mode	1	-59.7993	-12.7335	1.4376-07	59-1				
59	2.40779	MODAL	Mode	1	-59.7993	-163.2317	1.3815-07	59-1				
59	2.88335	MODAL	Mode	1	-59.7993	-173.8263	1.1198-07	59-1				
59	3.37091	MODAL	Mode	1	-59.7993	-182.4249	9.7095-08	59-1				
59	3.85243	MODAL	Mode	1	-59.7993	-191.0215	8.2965-08	59-1				
59	4.33402	MODAL	Mode	1	-59.7993	-199.6181	6.8835-08	59-1				
59	4.81558	MODAL	Mode	1	-59.7993	-208.2147	5.4705-08	59-1				
59	5.29714	MODAL	Mode	1	-59.7993	-216.8113	3.8895-08	59-1				
59	5.77869	MODAL	Mode	1	-59.7993	-225.4079	2.4435-08	59-1				
59	6.26025	MODAL	Mode	1	-59.7993	-234.0045	9.8205-08	59-1				
59	6.74181	MODAL	Mode	1	-59.7993	-242.6011	-4.6085-08	59-1				
59	7.22337	MODAL	Mode	1	-59.7993	-251.1977	-1.5475-08	59-1				
59	7.70493	MODAL	Mode	1	-59.7993	-259.7943	-2.3123-08	59-1				
59	8.18648	MODAL	Mode	1	-59.7993	-268.3909	-4.8195-08	59-1				
59	0	MODAL	Mode	2	8088.6256	5180.3974	-1.3055-06	59-1				
59	0.48161	MODAL	Mode	2	8088.6256	4688.5217	-1.1755-06	59-1				
59	0.93312	MODAL	Mode	2	8088.6256	4196.645	-1.0455-06	59-1				
59	1.44467	MODAL	Mode	2	8088.6256	3704.7702	-9.1545-07	59-1				
59	1.92623	MODAL	Mode	2	8088.6256	3212.8945	-7.8555-07	59-1				
59	2.40779	MODAL	Mode	2	8088.6256	2721.0188	-6.5575-07	59-1				
59	2.88335	MODAL	Mode	2	8088.6256	2229.1431	-5.2595-07	59-1				
59	3.37091	MODAL	Mode	2	8088.6256	1177.2873	-3.9615-07	59-1				
59	3.85243	MODAL	Mode	2	8088.6256	1245.8916	-2.6635-07	59-1				
59	4.33402	MODAL	Mode	2	8088.6256	753.8169	-1.3655-07	59-1				
59	4.81558	MODAL	Mode	2	8088.6256	591.9402	-6.8395-08	59-1				
59	5.29714	MODAL	Mode	2	8088.6256	-230.7173	1.3325-08	59-1				
59	5.77869	MODAL	Mode	2	8088.6256	-722.1113	2.7105-08	59-1				
59	6.26025	MODAL	Mode	2	8088.6256	-1213.987	7.8285-08	59-1				
59	6.74181	MODAL	Mode	2	8088.6256	-1705.8627	5.1205-08	59-1				
59	7.22337	MODAL	Mode	2	8088.6256	-2187.7384	6.4255-08	59-1				
59	7.70493	MODAL	Mode	2	8088.6256	-2669.6142	7.7205-08	59-1				
59	8.18648	MODAL	Mode	2	8088.6256	-3151.4999	9.0215-08	59-1				
59	0	MODAL	Mode	3	1.6495-06	1.0285-06	8281.7665	59-1				
59	0.48161	MODAL	Mode	3	1.6495-06	7.2025-07	5642.2217	59-1				
59	0.93312	MODAL	Mode	3	1.6495-06	4.3475-07	1322.8321	59-1				
59	1.44467	MODAL	Mode	3	1.6495-06	1.3115-07	4101.8994	59-1				
59	1.92623	MODAL	Mode	3	1.6495-06	-1.5655-07	3781.0097	59-1				
59	2.40779	MODAL	Mode	3	1.6495-06	-4.6205-07	2563.837	59-1				
59	2.88335	MODAL	Mode	3	1.6495-06	-7.4785-07	1944.3677	59-1				
59	3.37091	MODAL	Mode	3	1.6495-06	-1.0435-06	1224.7836	59-1				
59	3.85243	MODAL	Mode	3	1.6495-06	-1.3395-06	705.2218	59-1				
59	4.33402	MODAL	Mode	3	1.6495-06	-1.6345-06	-214.3488	59-1				
59	4.81558	MODAL	Mode	3	1.6495-06	-1.9305-06	-673.8018	59-1				
59	5.29714	MODAL	Mode	3	1.6495-06	-2.2255-06	-1163.4933	59-1				
59	5.77869	MODAL	Mode	3	1.6495-06	-2.5215-06	-2373.885	59-1				
59	6.26025	MODAL	Mode	3	1.6495-06	-2.8165-06	-3982.6357	59-1				
59	6.74181	MODAL	Mode	3	1.6495-06	-3.1125-06	-5812.2084	59-1				
59	7.22337	MODAL	Mode	3	1.6495-06	-3.4085-06	-8451.7801	59-1				
59	7.70493	MODAL	Mode	3	1.6495-06	-3.7035-06	-10811.3619	59-1				
59	8.18648	MODAL	Mode	3	1.6495-06	-3.9985-06	-13970.3236	59-1				
59	0	MODAL	Mode	4	-7.8085-08	-4.8875-07	-1255.718	59-1				
59	0.48161	MODAL	Mode	4	-7.8085-08	-4.5115-07	-1053.8071	59-1				
59	0.93312	MODAL	Mode	4	-7.8085-08	-4.1585-07	-1640.8952	59-1				
59	1.44467	MODAL	Mode	4	-7.8085-08	-3.8045-07	-1987.5753	59-1				

Table: Element Forces - Frames, Part 2 of 3												
Frame	Station	OutputCase	StopType	Replicates	T	U1	U2	U3	U4	U5	U6	FrameElem
59	1.82623	MODAL	Mode	4	-7.8085-08	-3.4505-07	-1155.0744	59-1				
59	2.40779	MODAL	Mode	4	-7.8085-08	-3.0965-07	-912.1838	59-1				
59	2.88335	MODAL	Mode	4	-7.8085-08	-2.7415-07	-680.2828	59-1				
59	3.37091	MODAL	Mode	4	-7.8085-08	-2.3875-07	-428.3417	59-1				
59	3.85243	MODAL	Mode	4	-7.8085-08	-2.0335-07	-183.4306	59-1				
59	4.33402	MODAL	Mode	4	-7.8085-08	-1.6795-07	-59.4991	59-1				
59	4.81558	MODAL	Mode	4	-7.8085-08	-1.3245-07	382.21	59-1				
59	5.29714	MODAL	Mode	4	-7.8085-08	-9.6885-08	545.3019	59-1				
59	5.77869	MODAL	Mode	4	-7.8085-08	-6.1565-08	788.2128	59-1				
59	6.26025	MODAL	Mode	4	-7.8085-08	-2.6135-08	1031.1237	59-1				
59	6.74181	MODAL	Mode	4	-7.8085-08	8.3095-08	1274.0346	59-1				
59	7.22337	MODAL	Mode	4	-7.8085-08	4.4735-08	1515.9473	59-1				
59	7.70493	MODAL	Mode	4	-7.8085-08	8.9195-08	1750.871	59-1				
59	8.18648	MODAL	Mode	4	-7.8085-08	1.1965-07	2002.7873	59-1				
59	0	MODAL	Mode	5	-5.1735-07	-1.4455-06	7825.7935	59-1				
59	0.48161	MODAL	Mode	5	-5.1735-07	-1.3395-06	8832.9828	59-1				
59	0.93312	MODAL	Mode	5	-5.1735-07	-1.2295-06	9040.2004	59-1				
59	1.44467	MODAL	Mode	5	-5.1735-07	-1.1195-06	9747.4038	59-1				
59	1.92623	MODAL	Mode	5	-5.1735-07	-1.0105-06	9454.8073	59-1				
59	2.40779	MODAL	Mode	5	-5.1735-07	-8.8965-07	3061.6108	59-1				
59	2.88335	MODAL	Mode	5	-5.1735-07	-7.8875-07	2696.0142	59-1				
59	3.37091	MODAL	Mode	5	-5.1735-07	-6.7975-07	2576.2177	59-1				
59	3.85243	MODAL	Mode	5	-5.1735-07	-5.8985-07	1283.4211	59-1				
59	4.33402	MODAL	Mode	5	-5.1735-07	-4.5995-07	490.9240	59-1				
59	4.81558	MODAL	Mode	5	-5.1735-07	-3.4895-07	-302.172	59-1				
59	5.29714	MODAL	Mode	5	-5.1735-07	-2.3995-07	-1094.9685	59-1				
59	5.77869	MODAL	Mode	5	-5.1735-07	-1.3095-07	-1187.735	59-1				
59	6.26025	MODAL	Mode	5	-5.1735-07	-2.0045-06	-2690.5818	59-1				
59	6.74181	MODAL	Mode	5	-5.1735-07	8.8915-08	-2473.1591	59-1				
59	7.22337	MODAL	Mode	5	-5.1735-07	1.9895-07	-4208.1547	59-1				
59	7.70493	MODAL	Mode	5	-5.1735-07	3.9885-07	-6058.9512	59-1				
59	8.18648	MODAL	Mode	5	-5.1735-07	4.1975-07	-5651.7478	59-1				
59	0	MODAL	Mode	6	5.9805-07	3.8805-06	17784.5998	59-1				
59	0.48161	MODAL	Mode	6	5.9805-07	4.8575-06	15463.0881	59-1				
59	0.93312	MODAL	Mode	6	5.9805-07	4.4495-06	13161.5703	59-1				
59	1.44467	MODAL	Mode	6	5.9805-07	4.0415-06	10600.0945	59-1				
59	1.92623	MODAL	Mode	6	5.9805-07	3.6335-06	555.9529	59-1				
59	2.40779	MODAL	Mode	6	5.9805-07	3.2255-06	6287.0412	59-1				
59	2.88335	MODAL	Mode	6	5.9805-07	2.8175-06	3995.8285	59-1				
59	3.37091	MODAL	Mode	6	5.9805-07	2.4095-06	1584.0177	59-1				
59	3.85243	MODAL	Mode	6	5.9805-07	2.0015-06	-547.494	59-1				
59	4.33402	MODAL	Mode	6	5.9805-07	1.5935-06	-1639.6781	59-1				
59	4.81558	MODAL	Mode	6	5.9805-07	1.1855-06	-5220.5174	59-1				
59	5.29714	MODAL	Mode	6	5.9805-07	7.7845-07	-7752.0282	59-1				
59	5.77869	MODAL	Mode	6	5.9805-07	3.8845-07	-1551.5409	59-1				
59	6.26025	MODAL	Mode	6	5.9805-07	-3.8735-08	-12155.0528	59-1				
59	6.74181	MODAL	Mode	6	5.9805-07	-4.4785-07	-14441.5843	59-1				
59	7.22337	MODAL	Mode	6	5.9805-07	-6.5595-07	-13892.6003	59-1				
59	7.70493	MODAL	Mode	6	5.9805-07	-1.2545-06	-15726.2358	59-1				
59	8.18648	MODAL	Mode	6	5.9805-07	-1.6725-07	-21361.0936	59-1				
59	0	MODAL	Mode	7	-1.2705	-254.3570	-1.8245-06	59-1				
59	0.48161	MODAL	Mode	7	-4.2795	-551.3941	-1.6485-06	59-1				
59	0.93312	MODAL	Mode	7	-4.2795	-842.4304	-1.4605-06	59-1				

Frame	Station	OutputCase	StepType	StepNum	Y	Z	MX	MY	MZ	TransElm
Frame	Station	OutputCase	StepType	StepNum	Y	Z	MX	MY	MZ	TransElm
50	1.82623	LIVE	0	0	134.15	59-1				
50	2.40778	LIVE	0	0	244.5114	59-1				
50	2.88935	LIVE	0	0	350.6886	59-1				
50	3.37091	LIVE	0	0	452.3817	59-1				
50	3.85246	LIVE	0	0	525.8745	59-1				
50	4.33402	LIVE	0	0	606.0572	59-1				
50	4.81558	LIVE	0	0	697.4244	59-1				
50	5.29714	LIVE	0	0	800.1077	59-1				
50	5.77869	LIVE	0	0	918.0165	59-1				
50	6.26025	LIVE	0	0	1042.517	59-1				
50	6.74181	LIVE	0	0	1178.001	59-1				
50	7.22337	LIVE	0	0	1320.901	59-1				
50	7.70493	LIVE	0	0	1489.065	59-1				
50	8.18648	LIVE	0	0	1671.453	59-1				
50	8.66805	LIVE	0	0	1868.072	59-1				
50	9.14961	LIVE	0	0	2078.826	59-1				
50	9.63117	LIVE	0	0	2302.705	59-1				
50	10.11273	LIVE	0	0	2539.708	59-1				
50	10.59429	LIVE	0	0	2789.835	59-1				
50	11.07585	LIVE	0	0	3053.087	59-1				
50	11.55741	LIVE	0	0	3329.564	59-1				
50	12.03897	LIVE	0	0	3619.265	59-1				
50	12.52053	LIVE	0	0	3922.191	59-1				
50	13.00209	LIVE	0	0	4238.332	59-1				
50	13.48365	LIVE	0	0	4567.688	59-1				
50	13.96521	LIVE	0	0	4910.259	59-1				
50	14.44677	LIVE	0	0	5266.046	59-1				
50	14.92833	LIVE	0	0	5635.049	59-1				
50	15.40989	LIVE	0	0	6017.268	59-1				
50	15.89145	LIVE	0	0	6412.702	59-1				
50	16.37301	LIVE	0	0	6821.351	59-1				
50	16.85457	LIVE	0	0	7243.215	59-1				
50	17.33613	LIVE	0	0	7678.294	59-1				
50	17.81769	LIVE	0	0	8126.587	59-1				
50	18.29925	LIVE	0	0	8588.094	59-1				
50	18.78081	LIVE	0	0	9062.815	59-1				
50	19.26237	LIVE	0	0	9550.75	59-1				
50	19.74393	LIVE	0	0	10051.904	59-1				
50	20.22549	LIVE	0	0	10566.268	59-1				
50	20.70705	LIVE	0	0	11093.837	59-1				
50	21.18861	LIVE	0	0	11634.611	59-1				
50	21.67017	LIVE	0	0	12188.59	59-1				
50	22.15173	LIVE	0	0	12755.782	59-1				
50	22.63329	LIVE	0	0	13336.181	59-1				
50	23.11485	LIVE	0	0	13929.786	59-1				
50	23.59641	LIVE	0	0	14536.597	59-1				
50	24.07797	LIVE	0	0	15156.614	59-1				
50	24.55953	LIVE	0	0	15789.837	59-1				
50	25.04109	LIVE	0	0	16436.266	59-1				
50	25.52265	LIVE	0	0	17095.901	59-1				
50	26.00421	LIVE	0	0	17768.742	59-1				
50	26.48577	LIVE	0	0	18454.789	59-1				
50	26.96733	LIVE	0	0	19154.042	59-1				
50	27.44889	LIVE	0	0	19866.501	59-1				
50	27.93045	LIVE	0	0	20592.166	59-1				
50	28.41201	LIVE	0	0	21331.037	59-1				
50	28.89357	LIVE	0	0	22083.114	59-1				
50	29.37513	LIVE	0	0	22848.497	59-1				
50	29.85669	LIVE	0	0	23627.186	59-1				
50	30.33825	LIVE	0	0	24419.181	59-1				
50	30.81981	LIVE	0	0	25224.482	59-1				
50	31.30137	LIVE	0	0	26043.989	59-1				
50	31.78293	LIVE	0	0	26877.602	59-1				
50	32.26449	LIVE	0	0	27725.321	59-1				
50	32.74605	LIVE	0	0	28587.146	59-1				
50	33.22761	LIVE	0	0	29463.077	59-1				
50	33.70917	LIVE	0	0	30353.114	59-1				
50	34.19073	LIVE	0	0	31257.257	59-1				
50	34.67229	LIVE	0	0	32175.506	59-1				
50	35.15385	LIVE	0	0	33107.861	59-1				
50	35.63541	LIVE	0	0	34054.322	59-1				
50	36.11697	LIVE	0	0	35014.889	59-1				
50	36.59853	LIVE	0	0	35989.562	59-1				
50	37.08009	LIVE	0	0	36978.341	59-1				
50	37.56165	LIVE	0	0	37981.226	59-1				
50	38.04321	LIVE	0	0	38998.217	59-1				
50	38.52477	LIVE	0	0	40029.314	59-1				
50	39.00633	LIVE	0	0	41074.517	59-1				
50	39.48789	LIVE	0	0	42133.826	59-1				
50	39.96945	LIVE	0	0	43207.241	59-1				
50	40.45101	LIVE	0	0	44294.762	59-1				
50	40.93257	LIVE	0	0	45396.389	59-1				
50	41.41413	LIVE	0	0	46512.122	59-1				
50	41.89569	LIVE	0	0	47642.061	59-1				
50	42.37725	LIVE	0	0	48786.206	59-1				
50	42.85881	LIVE	0	0	49944.557	59-1				
50	43.34037	LIVE	0	0	51117.114	59-1				
50	43.82193	LIVE	0	0	52303.877	59-1				
50	44.30349	LIVE	0	0	53504.846	59-1				
50	44.78505	LIVE	0	0	54720.021	59-1				
50	45.26661	LIVE	0	0	55949.402	59-1				
50	45.74817	LIVE	0	0	57193.089	59-1				
50	46.22973	LIVE	0	0	58451.082	59-1				
50	46.71129	LIVE	0	0	59723.381	59-1				
50	47.19285	LIVE	0	0	61010.892	59-1				
50	47.67441	LIVE	0	0	62313.615	59-1				
50	48.15597	LIVE	0	0	63631.55	59-1				
50	48.63753	LIVE	0	0	64964.694	59-1				
50	49.11909	LIVE	0	0	66313.037	59-1				
50	49.60065	LIVE	0	0	67676.582	59-1				
50	50.08221	LIVE	0	0	69055.329	59-1				
50	50.56377	LIVE	0	0	70449.278	59-1				
50	51.04533	LIVE	0	0	71858.429	59-1				
50	51.52689	LIVE	0	0	73282.782	59-1				
50	52.00845	LIVE	0	0	74722.337	59-1				
50	52.49001	LIVE	0	0	76177.092	59-1				
50	52.97157	LIVE	0	0	77647.047	59-1				
50	53.45313	LIVE	0	0	79132.202	59-1				
50	53.93469	LIVE	0	0	80632.557	59-1				
50	54.41625	LIVE	0	0	82148.112	59-1				
50	54.89781	LIVE	0	0	83678.767	59-1				
50	55.37937	LIVE	0	0	85224.522	59-1				
50	55.86093	LIVE	0	0	86785.377	59-1				
50	56.34249	LIVE	0	0	88361.332	59-1				
50	56.82405	LIVE	0	0	89952.387	59-1				
50	57.30561	LIVE	0	0	91558.542	59-1				
50	57.78717	LIVE	0	0	93179.797	59-1				
50	58.26873	LIVE	0	0	94816.152	59-1				
50	58.75029	LIVE	0	0	96467.607	59-1				
50	59.23185	LIVE	0	0	98134.162	59-1				
50	59.71341	LIVE	0	0	99815.817	59-1				
50	60.19497	LIVE	0	0	101512.572	59-1				
50	60.67653	LIVE	0	0	103234.427	59-1				
50	61.15809	LIVE	0	0	104981.282	59-1				
50	61.63965	LIVE	0	0	106753.137	59-1				
50	62.12121	LIVE	0	0	108550.092	59-1				
50	62.60277	LIVE	0	0	110372.147	59-1				
50	63.08433	LIVE	0	0	112219.302	59-1				
50	63.56589	LIVE	0	0	114091.557	59-1				
50	64.04745	LIVE	0	0	115988.812	59-1				
50	64.52901	LIVE	0	0	117911.067	59-1				
50	65.01057	LIVE	0	0	119858.322	59-1				
50	65.49213	LIVE	0	0	121830.577	59-1				
50	65.97369	LIVE	0	0	123827.832	59-1				
50	66.45525	LIVE	0	0	125850.087	59-1				
50	66.93681	LIVE	0	0	127897.342	59-1				
50	67.41837	LIVE	0	0	129969.597	59-1				
50	67.89993	LIVE	0	0	132066.852	59-1				
50	68.38149	LIVE	0	0	134189.107	59-1				
50	68.86305	LIVE	0	0	136336.362	59-1				
50	69.34461	LIVE	0	0	138508.617	59-1				
50	69.82617	LIVE	0	0	140705.872	59-1				
50	70.30773	LIVE	0	0	142928.127	59-1				
50	70.78929	LIVE	0	0	145175.382	59-1				
50	71.27085	LIVE	0	0	147447.637	59-1				
50	71.75241	LIVE	0	0	149744.892	59-1				
50	72.23397	LIVE	0	0	152067.147	59-1				
50	72.71553	LIVE	0	0	154414.402	59-1				
50	73.19709	LIVE	0	0	156786					

Frame	Station	OutputCase	StepType	StepNum	T	MS	MS	MS	FrameSum
	m				KN-m	KN-m	KN-m	KN-m	
60	1.2623	MODAL	Mode	9	-7722.8591	-130214.805	-1.047E-05	0	0
60	2.40778	MODAL	Mode	9	-7722.8591	-118007.554	-5.890E-08	0	0
60	2.8833	MODAL	Mode	9	-7722.8591	-108700.44	-7.51E-08	0	0
60	3.37091	MODAL	Mode	9	-7722.8591	-7889.228	-6.034E-08	0	0
60	3.85248	MODAL	Mode	9	-7722.8591	-3706.012	-4.557E-08	0	0
60	4.33402	MODAL	Mode	9	-7722.8591	-7673.7979	-3.070E-06	0	0
60	4.81558	MODAL	Mode	9	-7722.8591	-5.4717939	-1.601E-06	0	0
60	5.29714	MODAL	Mode	9	-7722.8591	-94094.3688	-1.337E-07	0	0
60	5.77869	MODAL	Mode	9	-7722.8591	-43857.1558	1.354E-06	0	0
60	6.26025	MODAL	Mode	9	-7722.8591	-33049.8417	2.832E-06	0	0
60	6.74181	MODAL	Mode	9	-7722.8591	-2244.7270	4.309E-06	0	0
60	7.22337	MODAL	Mode	9	-7722.8591	-11435.5185	6.787E-06	0	0
60	7.70493	MODAL	Mode	9	-7722.8591	-452.2895	7.207E-06	0	0
60	8.18648	MODAL	Mode	9	-7722.8591	10178.8145	6.748E-06	0	0
60	0	MODAL	Mode	10	3.793E-05	7.217E-05	223.04479	0	0
60	0.48156	MODAL	Mode	10	3.793E-05	5.753E-05	10816.6858	0	0
60	0.56312	MODAL	Mode	10	3.793E-05	4.250E-05	18700.1739	0	0
60	1.44467	MODAL	Mode	10	3.793E-05	2.826E-05	13386.1089	0	0
60	1.2623	MODAL	Mode	10	3.793E-05	1.535E-05	11071.3319	0	0
60	2.40778	MODAL	Mode	10	3.793E-05	-1.004E-05	8258.5539	0	0
60	2.8833	MODAL	Mode	10	3.793E-05	-1.5E-05	5441.7759	0	0
60	3.37091	MODAL	Mode	10	3.793E-05	-3.027E-05	282.9979	0	0
60	3.85248	MODAL	Mode	10	3.793E-05	-4.461E-05	-187.7802	0	0
60	4.33402	MODAL	Mode	10	3.793E-05	-5.854E-05	-3008.5582	0	0
60	4.81558	MODAL	Mode	10	3.793E-05	-7.417E-05	-5817.2562	0	0
60	5.29714	MODAL	Mode	10	3.793E-05	-8.841E-05	-8932.1142	0	0
60	5.77869	MODAL	Mode	10	3.793E-05	-1.034E-04	-11446.8822	0	0
60	6.26025	MODAL	Mode	10	3.793E-05	-1.181E-04	-14261.6702	0	0
60	6.74181	MODAL	Mode	10	3.793E-05	-1.327E-04	-17076.4482	0	0
60	7.22337	MODAL	Mode	10	3.793E-05	-1.473E-04	-19981.2282	0	0
60	7.70493	MODAL	Mode	10	3.793E-05	-1.620E-04	-22705.0042	0	0
60	8.18648	MODAL	Mode	10	3.793E-05	-1.768E-04	-25529.7822	0	0
60	0	MODAL	Mode	11	2077.8843	54880.6052	-6.800E-06	0	0
60	0.48156	MODAL	Mode	11	2077.8843	59503.6219	-6.108E-06	0	0
60	0.56312	MODAL	Mode	11	2077.8843	54116.8385	-5.237E-06	0	0
60	1.44467	MODAL	Mode	11	2077.8843	46078.5852	-4.380E-06	0	0
60	1.2623	MODAL	Mode	11	2077.8843	42242.5718	-3.495E-06	0	0
60	2.40778	MODAL	Mode	11	2077.8843	37805.5035	-2.823E-06	0	0
60	2.8833	MODAL	Mode	11	2077.8843	32884.6051	-1.752E-06	0	0
60	3.37091	MODAL	Mode	11	2077.8843	28931.9218	-8.802E-07	0	0
60	3.85248	MODAL	Mode	11	2077.8843	21404.8384	-8.748E-08	0	0
60	4.33402	MODAL	Mode	11	2077.8843	16057.8551	6.627E-07	0	0
60	4.81558	MODAL	Mode	11	2077.8843	10620.8717	1.734E-06	0	0
60	5.29714	MODAL	Mode	11	2077.8843	5163.6883	2.606E-06	0	0
60	5.77869	MODAL	Mode	11	2077.8843	-283.261	3.477E-06	0	0
60	6.26025	MODAL	Mode	11	2077.8843	-5690.2784	4.348E-06	0	0
60	6.74181	MODAL	Mode	11	2077.8843	-11127.2617	5.220E-06	0	0
60	7.22337	MODAL	Mode	11	2077.8843	-18854.2451	5.091E-06	0	0
60	7.70493	MODAL	Mode	11	2077.8843	-22001.3284	5.895E-06	0	0
60	8.18648	MODAL	Mode	11	2077.8843	-27458.2118	7.804E-06	0	0
60	0	MODAL	Mode	12	-3.707E-05	-7.430E-05	-2774.7006	0	0
60	0.48156	MODAL	Mode	12	-3.707E-05	-5.22E-05	-1207.4747	0	0
60	0.56312	MODAL	Mode	12	-3.707E-05	-3.908E-05	-3696.2489	0	0
60	1.44467	MODAL	Mode	12	-3.707E-05	-7.818E-06	-4167.023	0	0

Frame	Station	OutputCase	StepType	StepNum	T	MS	MS	MS	FrameSum
	m				KN-m	KN-m	KN-m	KN-m	
60	1.2623	MODAL	Mode	12	-3.707E-05	1.441E-05	-4617.7972	0	0
60	2.40778	MODAL	Mode	12	-3.707E-05	3.664E-05	-9078.5714	0	0
60	2.8833	MODAL	Mode	12	-3.707E-05	5.867E-05	-9538.3496	0	0
60	3.37091	MODAL	Mode	12	-3.707E-05	8.110E-05	-1306.1188	0	0
60	3.85248	MODAL	Mode	12	-3.707E-05	1.033E-04	-6400.894	0	0
60	4.33402	MODAL	Mode	12	-3.707E-05	1.265E-04	-8821.6132	0	0
60	4.81558	MODAL	Mode	12	-3.707E-05	1.478E-04	-7352.4424	0	0
60	5.29714	MODAL	Mode	12	-3.707E-05	1.700E-04	-7843.2186	0	0
60	5.77869	MODAL	Mode	12	-3.707E-05	1.922E-04	-8505.9807	0	0
60	6.26025	MODAL	Mode	12	-3.707E-05	2.145E-04	-9784.7849	0	0
60	6.74181	MODAL	Mode	12	-3.707E-05	2.367E-04	-1225.5391	0	0
60	7.22337	MODAL	Mode	12	-3.707E-05	2.589E-04	-1685.3133	0	0
60	7.70493	MODAL	Mode	12	-3.707E-05	2.812E-04	-10147.0875	0	0
60	8.18648	MODAL	Mode	12	-3.707E-05	3.034E-04	-10807.8517	0	0
60	0	LIVE		0	0	0	-145.3185	0	0
60	0.48156	LIVE		0	0	0	-135.8987	0	0
60	0.56312	LIVE		0	0	0	-164.8789	0	0
60	1.44467	LIVE		0	0	0	-114.1357	0	0
60	1.2623	LIVE		0	0	0	-103.4394	0	0
60	2.40778	LIVE		0	0	0	-82.7187	0	0
60	2.8833	LIVE		0	0	0	-81.9989	0	0
60	3.37091	LIVE		0	0	0	-71.2802	0	0
60	3.85248	LIVE		0	0	0	-60.5804	0	0
60	4.33402	LIVE		0	0	0	-49.8407	0	0
60	4.81558	LIVE		0	0	0	-38.1209	0	0
60	5.29714	LIVE		0	0	0	-28.4012	0	0
60	5.77869	LIVE		0	0	0	-17.5814	0	0
60	6.26025	LIVE		0	0	0	-8.9817	0	0
60	6.74181	LIVE		0	0	0	3.7261	0	0
60	7.22337	LIVE		0	0	0	14.4778	0	0
60	7.70493	LIVE		0	0	0	25.1613	0	0
60	8.18648	LIVE		0	0	0	35.8173	0	0
60	0	DCON1		0	0	0	-896.65	0	0
60	0.48156	DCON1		0	0	0	-633.3971	0	0
60	0.56312	DCON1		0	0	0	-386.1137	0	0
60	1.44467	DCON1		0	0	0	-187.7999	0	0
60	1.2623	DCON1		0	0	0	-4.4577	0	0
60	2.40778	DCON1		0	0	0	141.819	0	0
60	2.8833	DCON1		0	0	0	283.3242	0	0
60	3.37091	DCON1		0	0	0	355.7588	0	0
60	3.85248	DCON1		0	0	0	419.3259	0	0
60	4.33402	DCON1		0	0	0	453.7225	0	0
60	4.81558	DCON1		0	0	0	450.2485	0	0
60	5.29714	DCON1		0	0	0	435.8069	0	0
60	5.77869	DCON1		0	0	0	383.3949	0	0
60	6.26025	DCON1		0	0	0	302.0132	0	0
60	6.74181	DCON1		0	0	0	191.0621	0	0
60	7.22337	DCON1		0	0	0	92.3413	0	0
60	7.70493	DCON1		0	0	0	-115.9461	0	0
60	8.18648	DCON1		0	0	0	-113.2017	0	0
60	0	DCON2		0	0	0	-118.1277	0	0
60	0.48156	DCON2		0	0	0	-836.7851	0	0
60	0.56312	DCON2		0	0	0	-583.4122	0	0
60	1.44467	DCON2		0	0	0	-358.0387	0	0

Frame	Station	OutputCase	StepType	StepNum	T	MS	MS	MS	FrameSum
	m				KN-m	KN-m	KN-m	KN-m	
60	1.2623	DCON2		0	0	0	-18.511	0	0
60	2.40778	DCON2		0	0	0	2.8373	0	0
60	2.8833	DCON2		0	0	0	140.3243	0	0
60	3.37091	DCON2		0	0	0	248.7190	0	0
60	3.85248	DCON2		0	0	0	328.5853	0	0
60	4.33402	DCON2		0	0	0	378.8015	0	0
60	4.81558	DCON2		0	0	0	400.5681	0	0
60	5.29714	DCON2		0	0	0	321.2052	0	0
60	5.77869	DCON2		0	0	0	356.8727	0	0
60	6.26025	DCON2		0	0	0	291.5707	0	0
60	6.74181	DCON2		0	0	0	197.2532	0	0
60	7.22337	DCON2		0	0	0	74.0581	0	0
60	7.70493	DCON2		0	0	0	-78.1525	0	0
60	8.18648	DCON2		0	0	0	-25.1327	0	0

Table: Element Forces - Frames, Part 3 of 3

Frame	Station	OutputCase	StepType	StepNum	Translation	Elevation
	m				m	m
44	0	DEAD		44-1	0	0
44	2.07119	DEAD		44-1	2.07119	0
44	4.14239	DEAD		44-1	4.14239	0
44	0	MODAL		1	44-1	0
44	2.07119	MODAL	Mode	1	44-1	2.07119
44	4.14239	MODAL	Mode	1	44-1	4.14239
44	0	MODAL	Mode	2	44-1	0
44	2.07119	MODAL	Mode	2	44-1	2.07119
44	4.14239	MODAL	Mode	2	44-1	4.14239
44	0	MODAL	Mode	3	44-1	0
44	2.07119	MODAL	Mode	3	44-1	2.07119

Table: Element Forces - Frames, Part 3 of 3						
Frame	Station	CompCase	StepType	StepNum	FractNum	Displacement
	in					in
46	0	DCON2			46-1	0
46	2,07119	DCON2			46-1	2,07119
46	1,41239	DCON2			46-1	1,41239
47	0	DEAD			47-1	0
47	0,45333	DEAD			47-1	0,45333
47	0,90667	DEAD			47-1	0,90667
47	1,36	DEAD			47-1	1,36
47	0	MODAL	Mode	1	47-1	0
47	0,45333	MODAL	Mode	1	47-1	0,45333
47	0,90667	MODAL	Mode	1	47-1	0,90667
47	1,36	MODAL	Mode	1	47-1	1,36
47	0	MODAL	Mode	2	47-1	0
47	0,45333	MODAL	Mode	2	47-1	0,45333
47	0,90667	MODAL	Mode	2	47-1	0,90667
47	1,36	MODAL	Mode	2	47-1	1,36
47	0	MODAL	Mode	3	47-1	0
47	0,45333	MODAL	Mode	3	47-1	0,45333
47	0,90667	MODAL	Mode	3	47-1	0,90667
47	1,36	MODAL	Mode	3	47-1	1,36
47	0	MODAL	Mode	4	47-1	0
47	0,45333	MODAL	Mode	4	47-1	0,45333
47	0,90667	MODAL	Mode	4	47-1	0,90667
47	1,36	MODAL	Mode	4	47-1	1,36
47	0	MODAL	Mode	5	47-1	0
47	0,45333	MODAL	Mode	5	47-1	0,45333
47	0,90667	MODAL	Mode	5	47-1	0,90667
47	1,36	MODAL	Mode	5	47-1	1,36
47	0	MODAL	Mode	6	47-1	0
47	0,45333	MODAL	Mode	6	47-1	0,45333
47	0,90667	MODAL	Mode	6	47-1	0,90667
47	1,36	MODAL	Mode	6	47-1	1,36
47	0	MODAL	Mode	7	47-1	0
47	0,45333	MODAL	Mode	7	47-1	0,45333
47	0,90667	MODAL	Mode	7	47-1	0,90667
47	1,36	MODAL	Mode	7	47-1	1,36
47	0	MODAL	Mode	8	47-1	0
47	0,45333	MODAL	Mode	8	47-1	0,45333
47	0,90667	MODAL	Mode	8	47-1	0,90667
47	1,36	MODAL	Mode	8	47-1	1,36
47	0	MODAL	Mode	9	47-1	0
47	0,45333	MODAL	Mode	9	47-1	0,45333
47	0,90667	MODAL	Mode	9	47-1	0,90667
47	1,36	MODAL	Mode	9	47-1	1,36
47	0	MODAL	Mode	10	47-1	0
47	0,45333	MODAL	Mode	10	47-1	0,45333
47	0,90667	MODAL	Mode	10	47-1	0,90667
47	1,36	MODAL	Mode	10	47-1	1,36
47	0	MODAL	Mode	11	47-1	0
47	0,45333	MODAL	Mode	11	47-1	0,45333
47	0,90667	MODAL	Mode	11	47-1	0,90667
47	1,36	MODAL	Mode	11	47-1	1,36
47	0	MODAL	Mode	12	47-1	0
47	0,45333	MODAL	Mode	12	47-1	0,45333
47	0,90667	MODAL	Mode	12	47-1	0,90667

Frame	Address	Operation	Source	Destination	Operation	Source	Destination
41	0.45333	MODAL	Mode	10	49-1	0.45333	0.45333
48	0.00687	MODAL	Mode	10	49-1	0.00687	0.00687
48	1.36	MODAL	Mode	10	49-1	1.36	1.36
48	0.0	MODAL	Mode	11	49-1	0	0
48	0.45333	MODAL	Mode	11	49-1	0.45333	0.45333
48	0.00687	MODAL	Mode	11	49-1	0.00687	0.00687
48	1.36	MODAL	Mode	11	49-1	1.36	1.36
48	0	MODAL	Mode	12	49-1	0	0
48	0.45333	MODAL	Mode	12	49-1	0.45333	0.45333
48	0.00687	MODAL	Mode	12	49-1	0.00687	0.00687
48	1.36	MODAL	Mode	12	49-1	1.36	1.36
48	0	LIVE	Mode	12	49-1	0	0
48	0.45333	LIVE	Mode	12	49-1	0.45333	0.45333
48	0.00687	LIVE	Mode	12	49-1	0.00687	0.00687
48	1.36	LIVE	Mode	12	49-1	1.36	1.36
48	0	DCON1	Mode	48-1	0	0	0
48	0.45333	DCON1	Mode	48-1	0.45333	0.45333	0.45333
48	0.00687	DCON1	Mode	48-1	0.00687	0.00687	0.00687
48	1.36	DCON1	Mode	48-1	1.36	1.36	1.36
48	0	DCON2	Mode	48-1	0	0	0
48	0.45333	DCON2	Mode	48-1	0.45333	0.45333	0.45333
48	0.00687	DCON2	Mode	48-1	0.00687	0.00687	0.00687
48	1.36	DCON2	Mode	48-1	1.36	1.36	1.36
48	0	DEAD	Mode	48-1	0	0	0
48	0.45333	DEAD	Mode	48-1	0.45333	0.45333	0.45333
48	0.00687	DEAD	Mode	48-1	0.00687	0.00687	0.00687
48	1.36	DEAD	Mode	48-1	1.36	1.36	1.36
48	0	MODAL	Mode	1	49-1	0	0
48	0.45333	MODAL	Mode	1	49-1	0.45333	0.45333
48	0.00687	MODAL	Mode	1	49-1	0.00687	0.00687
48	1.36	MODAL	Mode	1	49-1	1.36	1.36
48	0	MODAL	Mode	2	49-1	0	0
48	0.45333	MODAL	Mode	2	49-1	0.45333	0.45333
48	0.00687	MODAL	Mode	2	49-1	0.00687	0.00687
48	1.36	MODAL	Mode	2	49-1	1.36	1.36
48	0	MODAL	Mode	3	49-1	0	0
48	0.45333	MODAL	Mode	3	49-1	0.45333	0.45333
48	0.00687	MODAL	Mode	3	49-1	0.00687	0.00687
48	1.36	MODAL	Mode	3	49-1	1.36	1.36
48	0	MODAL	Mode	4	49-1	0	0
48	0.45333	MODAL	Mode	4	49-1	0.45333	0.45333
48	0.00687	MODAL	Mode	4	49-1	0.00687	0.00687
48	1.36	MODAL	Mode	4	49-1	1.36	1.36
48	0	MODAL	Mode	5	49-1	0	0
48	0.45333	MODAL	Mode	5	49-1	0.45333	0.45333
48	0.00687	MODAL	Mode	5	49-1	0.00687	0.00687
48	1.36	MODAL	Mode	5	49-1	1.36	1.36
48	0	MODAL	Mode	6	49-1	0	0
48	0.45333	MODAL	Mode	6	49-1	0.45333	0.45333
48	0.00687	MODAL	Mode	6	49-1	0.00687	0.00687
48	1.36	MODAL	Mode	6	49-1	1.36	1.36
48	0	MODAL	Mode	7	49-1	0	0
48	0.45333	MODAL	Mode	7	49-1	0.45333	0.45333
48	0.00687	MODAL	Mode	7	49-1	0.00687	0.00687

Table: Element Forces - Frames, Part 3 of 3						
Elem	Station	Output Case	ElementType	Step/Iter	Frame/Elem	Node/Station
48	1.36	MODAL	Mode	7	49-1	1.36
48	0	MODAL	Mode	8	49-1	0
49	0.45333	MODAL	Mode	8	49-1	0.45333
49	0.90667	MODAL	Mode	8	49-1	0.90667
49	1.36	MOD-L	Mode	8	49-1	1.36
49	0	MODAL	Mode	8	49-1	0
49	0.45333	MODAL	Mode	8	49-1	0.45333
49	0.90667	MODAL	Mode	8	49-1	0.90667
49	1.36	MODAL	Mode	8	49-1	1.36
49	0	MODAL	Mode	10	49-1	0
49	0.45333	MODAL	Mode	10	49-1	0.45333
49	0.90667	MODAL	Mode	10	49-1	0.90667
49	1.36	MODAL	Mode	10	49-1	1.36
49	0	MODAL	Mode	11	49-1	0
49	0.45333	MODAL	Mode	11	49-1	0.45333
49	0.90667	MODAL	Mode	11	49-1	0.90667
49	1.36	MODAL	Mode	11	49-1	1.36
49	0	MODAL	Mode	12	49-1	0
49	0.45333	MODAL	Mode	12	49-1	0.45333
49	0.90667	MODAL	Mode	12	49-1	0.90667
49	1.36	MODAL	Mode	12	49-1	1.36
49	0	LINE	LINE	48-1	48-1	0.90667
49	0.45333	LINE	LINE	48-1	48-1	0.45333
49	0.90667	LINE	LINE	48-1	48-1	0.90667
49	1.36	LIVE	LIVE	48-1	48-1	1.36
49	0	DCON1	DCON1	49-1	49-1	0
49	0.45333	DCON1	DCON1	49-1	49-1	0.45333
49	0.90667	DCON1	DCON1	49-1	49-1	0.90667
49	1.36	DCON1	DCON1	49-1	49-1	1.36
49	0	DCON2	DCON2	49-1	49-1	0
49	0.45333	DCON2	DCON2	49-1	49-1	0.45333
49	0.90667	DCON2	DCON2	49-1	49-1	0.90667
49	1.36	DCON2	DCON2	49-1	49-1	1.36
50	0	DEAD	DEAD	50-1	50-1	0
50	0.45333	DEAD	DEAD	50-1	50-1	0.45333
50	0.90667	DEAD	DEAD	50-1	50-1	0.90667
50	1.36	DEAD	DEAD	50-1	50-1	1.36
50	0	MODAL	Mode	1	50-1	0
50	0.45333	MODAL	Mode	1	50-1	0.45333
50	0.90667	MOD-L	Mode	1	50-1	0.90667
50	1.36	MOD-L	Mode	1	50-1	1.36
50	0	MODAL	Mode	2	50-1	0
50	0.45333	MODAL	Mode	2	50-1	0.45333
50	0.90667	MOD-L	Mode	2	50-1	0.90667
50	1.36	MODAL	Mode	2	50-1	1.36
50	0	MODAL	Mode	3	50-1	0
50	0.45333	MODAL	Mode	3	50-1	0.45333
50	0.90667	MODAL	Mode	3	50-1	0.90667
50	1.36	MOD-L	Mode	3	50-1	1.36
50	0	MODAL	Mode	4	50-1	0
50	0.45333	MODAL	Mode	4	50-1	0.45333
50	0.90667	MODAL	Mode	4	50-1	0.90667
50	1.36	MODAL	Mode	4	50-1	1.36
50	0	MODAL	Mode	5	50-1	0

Table: Element Forces - Frames, Part 3 of 3							
Frame	Node	Output Code	Story Type	Direction	Translation	Translation	Translation
	n						n
50	0.45333	MODAL	Mode	5	50-1	0.45333	
50	0.90667	MODAL	Mode	5	50-1	0.90667	
50	1.35	MODAL	Mode	5	50-1	1.35	
50	0	MODAL	Mode	6	50-1	0	
50	0.45333	MODAL	Mode	6	50-1	0.45333	
50	0.90667	MODAL	Mode	6	50-1	0.90667	
50	1.35	MODAL	Mode	6	50-1	1.35	
50	0	MODAL	Mode	7	50-1	0	
50	0.45333	MODAL	Mode	7	50-1	0.45333	
50	0.90667	MODAL	Mode	7	50-1	0.90667	
50	1.35	MODAL	Mode	7	50-1	1.35	
50	0	MOD/L	Mode	8	50-1	0	
50	0.45333	MODAL	Mode	8	50-1	0.45333	
50	0.90667	MODAL	Mode	8	50-1	0.90667	
50	1.35	MOD/L	Mode	8	50-1	1.35	
50	0	MODAL	Mode	9	50-1	0	
50	0.45333	MODAL	Mode	9	50-1	0.45333	
50	0.90667	MODAL	Mode	9	50-1	0.90667	
50	1.35	MODAL	Mode	9	50-1	1.35	
50	0	MODAL	Mode	10	50-1	0	
50	0.45333	MODAL	Mode	10	50-1	0.45333	
50	0.90667	MODAL	Mode	10	50-1	0.90667	
50	1.35	MODAL	Mode	10	50-1	1.35	
50	0	MODAL	Mode	11	50-1	0	
50	0.45333	MODAL	Mode	11	50-1	0.45333	
50	0.90667	MODAL	Mode	11	50-1	0.90667	
50	1.35	MODAL	Mode	11	50-1	1.35	
50	0	MODAL	Mode	12	50-1	0	
50	0.45333	MODAL	Mode	12	50-1	0.45333	
50	0.90667	MODAL	Mode	12	50-1	0.90667	
50	1.35	MODAL	Mode	12	50-1	1.35	
50	0	LIVE	Mode	50-1	50-1	0	
50	0.45333	LIVE	Mode	50-1	50-1	0.45333	
50	0.90667	LIVE	Mode	50-1	50-1	0.90667	
50	1.35	LIVE	Mode	50-1	50-1	1.35	
50	0	DCON1	Mode	50-1	50-1	0	
50	0.45333	DCON1	Mode	50-1	50-1	0.45333	
50	0.90667	DCON1	Mode	50-1	50-1	0.90667	
50	1.35	DCON1	Mode	50-1	50-1	1.35	
50	0	DCON2	Mode	50-1	50-1	0	
50	0.45333	DCON2	Mode	50-1	50-1	0.45333	
50	0.90667	DCON2	Mode	50-1	50-1	0.90667	
50	1.35	DCON2	Mode	50-1	50-1	1.35	
51	0	DEAD	Mode	51-1	51-1	0	
51	0.45333	DEAD	Mode	51-1	51-1	0.45333	
51	0.90667	DEAD	Mode	51-1	51-1	0.90667	
51	1.35	DEAD	Mode	51-1	51-1	1.35	
51	0	MODAL	Mode	1	51-1	0	
51	0.55933	MOD/L	Mode	1	51-1	0.55933	
51	0.90667	MODAL	Mode	1	51-1	0.90667	
51	1.35	MODAL	Mode	1	51-1	1.35	
51	0	MOD/L	Mode	2	51-1	0	
51	0.45333	MODAL	Mode	2	51-1	0.45333	
51	0.90667	MODAL	Mode	2	51-1	0.90667	

Table 1: Element Forces - Frame, Part 3 of 3						
Frame	Stoich	Output Case	ElmType	Members	Frame Elem	Elementation
	m					m
51	1.36	MODAL	Mode	2	51-1	1.36
51	0.	MODAL	Mode	3	51-1	0.
51	0.45333	MODAL	Mode	3	51-1	0.45333
51	0.90667	MODAL	Mode	3	51-1	0.90667
51	1.36	MODAL	Mode	3	51-1	1.36
51	0.	MODAL	Mode	4	51-1	0.
51	0.45333	MODAL	Mode	4	51-1	0.45333
51	0.90667	MODAL	Mode	4	51-1	0.90667
51	1.36	MODAL	Mode	4	51-1	1.36
51	0.	MODAL	Mode	5	51-1	0.
51	0.45333	MODAL	Mode	5	51-1	0.45333
51	0.90667	MODAL	Mode	5	51-1	0.90667
51	1.36	MODAL	Mode	5	51-1	1.36
51	0.	MODAL	Mode	6	51-1	0.
51	0.45333	MODAL	Mode	6	51-1	0.45333
51	0.90667	MODAL	Mode	6	51-1	0.90667
51	1.36	MODAL	Mode	6	51-1	1.36
51	0.	MODAL	Mode	7	51-1	0.
51	0.45333	MODAL	Mode	7	51-1	0.45333
51	0.90667	MODAL	Mode	7	51-1	0.90667
51	1.36	MODAL	Mode	7	51-1	1.36
51	0.	MODAL	Mode	8	51-1	0.
51	0.45333	MODAL	Mode	8	51-1	0.45333
51	0.90667	MODAL	Mode	8	51-1	0.90667
51	1.36	MODAL	Mode	8	51-1	1.36
51	0.	MODAL	Mode	9	51-1	0.
51	0.45333	MODAL	Mode	9	51-1	0.45333
51	0.90667	MODAL	Mode	9	51-1	0.90667
51	1.36	MODAL	Mode	9	51-1	1.36
51	0.	MODAL	Mode	10	51-1	0.
51	0.45333	MODAL	Mode	10	51-1	0.45333
51	0.90667	MODAL	Mode	10	51-1	0.90667
51	1.36	MODAL	Mode	10	51-1	1.36
51	0.	MODAL	Mode	11	51-1	0.
51	0.45333	MODAL	Mode	11	51-1	0.45333
51	0.90667	MODAL	Mode	11	51-1	0.90667
51	1.36	MODAL	Mode	11	51-1	1.36
51	0.	MODAL	Mode	12	51-1	0.
51	0.45333	MODAL	Mode	12	51-1	0.45333
51	0.90667	MODAL	Mode	12	51-1	0.90667
51	1.36	MODAL	Mode	12	51-1	1.36
51	0.	LIVE		51-1	51-1	0.
51	0.45333	LIVE		51-1	51-1	0.45333
51	0.90667	LIVE		51-1	51-1	0.90667
51	1.36	LIVE		51-1	51-1	1.36
51	0.	DC DM1		51-1	51-1	0.
51	0.45333	DC DM1		51-1	51-1	0.45333
51	0.90667	DC DM1		51-1	51-1	0.90667
51	1.36	DC DM1		51-1	51-1	1.36
51	0.	DC DM2		51-1	51-1	0.
51	0.45333	DC DM2		51-1	51-1	0.45333
51	0.90667	DC DM2		51-1	51-1	0.90667
51	1.36	DC DM2		51-1	51-1	1.36
51	0.	DC DM3		51-1	51-1	0.
51	0.45333	DC DM3		51-1	51-1	0.45333
51	0.90667	DC DM3		51-1	51-1	0.90667
51	1.36	DC DM3		51-1	51-1	1.36
51	0.	DEAD		51-1	51-1	0.

Table: Element Forces - Frames, Part 3 of 3						
Frame	Station m	Element Type	Support	Reaction	Element m	
52	0.49216	DEAD		52-1	0.49216	
52	0.92432	DEAD		52-1	0.92432	
52	1.35648	DEAD		52-1	1.35648	
52	0	MODAL	Mode 1	52-1	0	
52	0.41216	MODAL	Mode 1	52-1	0.41216	
52	0.92432	MODAL	Mode 1	52-1	0.92432	
52	1.35648	MODAL	Mode 1	52-1	1.35648	
52	0	MODAL	Mode 2	52-1	0	
52	0.49216	MODAL	Mode 2	52-1	0.49216	
52	0.92432	MODAL	Mode 2	52-1	0.92432	
52	1.35648	MODAL	Mode 2	52-1	1.35648	
52	0	MODAL	Mode 3	52-1	0	
52	0.49216	MODAL	Mode 3	52-1	0.49216	
52	0.92432	MODAL	Mode 3	52-1	0.92432	
52	1.35648	MODAL	Mode 3	52-1	1.35648	
52	0	MODAL	Mode 4	52-1	0	
52	0.49216	MODAL	Mode 4	52-1	0.49216	
52	0.92432	MODAL	Mode 4	52-1	0.92432	
52	1.35648	MODAL	Mode 4	52-1	1.35648	
52	0	MODAL	Mode 5	52-1	0	
52	0.49216	MODAL	Mode 5	52-1	0.49216	
52	0.92432	MODAL	Mode 5	52-1	0.92432	
52	1.35648	MODAL	Mode 5	52-1	1.35648	
52	0	MODAL	Mode 6	52-1	0	
52	0.49216	MODAL	Mode 6	52-1	0.49216	
52	0.92432	MODAL	Mode 6	52-1	0.92432	
52	1.35648	MODAL	Mode 6	52-1	1.35648	
52	0	MODAL	Mode 7	52-1	0	
52	0.49216	MODAL	Mode 7	52-1	0.49216	
52	0.92432	MODAL	Mode 7	52-1	0.92432	
52	1.35648	MODAL	Mode 7	52-1	1.35648	
52	0	MODAL	Mode 8	52-1	0	
52	0.49216	MODAL	Mode 8	52-1	0.49216	
52	0.92432	MODAL	Mode 8	52-1	0.92432	
52	1.35648	MODAL	Mode 8	52-1	1.35648	
52	0	MODAL	Mode 9	52-1	0	
52	0.49216	MODAL	Mode 9	52-1	0.49216	
52	0.92432	MODAL	Mode 9	52-1	0.92432	
52	1.35648	MODAL	Mode 9	52-1	1.35648	
52	0	MODAL	Mode 10	52-1	0	
52	0.49216	MODAL	Mode 10	52-1	0.49216	
52	0.92432	MODAL	Mode 10	52-1	0.92432	
52	1.35648	MODAL	Mode 10	52-1	1.35648	
52	0	MODAL	Mode 11	52-1	0	
52	0.49216	MODAL	Mode 11	52-1	0.49216	
52	0.92432	MODAL	Mode 11	52-1	0.92432	
52	1.35648	MODAL	Mode 11	52-1	1.35648	
52	0	MODAL	Mode 12	52-1	0	
52	0.49216	MODAL	Mode 12	52-1	0.49216	
52	0.92432	MODAL	Mode 12	52-1	0.92432	
52	1.35648	MODAL	Mode 12	52-1	1.35648	
52	0	LIVE		52-1	0	
52	0.49216	LIVE		52-1	0.49216	
52	0.92432	LIVE		52-1	0.92432	

Table: Element Values - Frames, Part 3 of 3						
Frame	Station	Output/Case	SrcType	StepNum	ProcName	ResultValue
	n					m
52	1.38046	LP_1E			52-1	1.38046
52	0	DCON1	Mode	1	52-1	0
52	0.40216	DCON1	Mode	1	52-1	0.40216
52	0.92452	DCON1	Mode	1	52-1	0.92452
52	1.38116	DCON1	Mode	1	52-1	1.38046
52	0	DCON2	Mode	1	52-1	0
52	0.40216	DCON2	Mode	2	52-1	0.40216
52	0.92452	DCON2	Mode	2	52-1	0.92452
52	1.38046	DCON2	Mode	2	52-1	1.38046
53	0	DEAD	Mode	1	53-1	0
53	0.45333	DEAD	Mode	1	53-1	0.45333
53	0.90687	DEAD	Mode	1	53-1	0.90687
53	1.36	DEAD	Mode	1	53-1	1.36
53	0	MODAL	Mode	1	53-1	0
53	0.45333	MODAL	Mode	1	53-1	0.45333
53	0.90687	MODAL	Mode	1	53-1	0.90687
53	1.36	MODAL	Mode	1	53-1	1.36
53	0	MODAL	Mode	2	53-1	0
53	0.45333	MODAL	Mode	2	53-1	0.45333
53	0.90687	MODAL	Mode	2	53-1	0.90687
53	1.36	MODAL	Mode	2	53-1	1.36
53	0	MODAL	Mode	3	53-1	0
53	0.45333	MODAL	Mode	3	53-1	0.45333
53	0.90687	MODAL	Mode	3	53-1	0.90687
53	1.36	MODAL	Mode	3	53-1	1.36
53	0	MODAL	Mode	4	53-1	0
53	0.45333	MODAL	Mode	4	53-1	0.45333
53	0.90687	MODAL	Mode	4	53-1	0.90687
53	1.36	MODAL	Mode	4	53-1	1.36
53	0	MODAL	Mode	5	53-1	0
53	0.45333	MODAL	Mode	5	53-1	0.45333
53	0.90687	MODAL	Mode	5	53-1	0.90687
53	1.36	MODAL	Mode	5	53-1	1.36
53	0	MODAL	Mode	6	53-1	0
53	0.45333	MODAL	Mode	6	53-1	0.45333
53	0.90687	MODAL	Mode	6	53-1	0.90687
53	1.36	MODAL	Mode	6	53-1	1.36
53	0	MODAL	Mode	7	53-1	0
53	0.45333	MODAL	Mode	7	53-1	0.45333
53	0.90687	MODAL	Mode	7	53-1	0.90687
53	1.36	MODAL	Mode	7	53-1	1.36
53	0	MODAL	Mode	8	53-1	0
53	0.45333	MODAL	Mode	8	53-1	0.45333
53	0.90687	MODAL	Mode	8	53-1	0.90687
53	1.36	MODAL	Mode	8	53-1	1.36
53	0	MODAL	Mode	9	53-1	0
53	0.45333	MODAL	Mode	9	53-1	0.45333
53	0.90687	MODAL	Mode	9	53-1	0.90687
53	1.36	MODAL	Mode	9	53-1	1.36
53	0	MODAL	Mode	10	53-1	0
53	0.45333	MODAL	Mode	10	53-1	0.45333
53	0.90687	MODAL	Mode	10	53-1	0.90687
53	1.36	MODAL	Mode	10	53-1	1.36
53	0	MODAL	Mode	11	53-1	0

Table: Element Forces - Frame, Part 3 of 3						
Frame	Station	Origin/Node	Elap-Type	Station	From/Active	Element
	m					m
53	0.45333	MODAL	Mode	11	53-1	0.45333
53	0.90667	MODAL	Mode	11	53-1	1.30667
53	1.36	MODAL	Mode	11	53-1	0.80667
53	0	MODAL	Mode	12	53-1	0
53	0.45333	MODAL	Mode	12	53-1	0.4533333
53	0.90637	MODAL	Mode	12	53-1	0.90667
53	1.36	MODAL	Mode	12	53-1	1.71
53	0	LIVE		53-1	0	
53	0.45333	LIVE		53-1	0.45333	
53	0.90617	LIVE		53-1	0.90667	
53	1.36	LIVE		53-1	1.16	
53	0	DCON1		53-1	0	
53	0.45333	DCON1		53-1	0.45333	
53	0.90687	DCON1		53-1	0.90687	
53	1.36	DCON1		53-1	1.21	
53	0	DCON2		53-1	0	
53	0.45333	DCON2		53-1	0	
53	0.90617	DCON2		53-1	0.90617	
53	1.36	DCON2		53-1	1.26	
54	0	DEAD		54-1	0	
54	0.45333	DEAD		54-1	0.45333	
54	0.90667	DEAD		54-1	0.90667	
54	1.36	DEAD		54-1	1.26	
54	0	MODAL	Mode	1	54-1	0
54	0.45333	MODAL	Mode	1	54-1	0.45333
54	0.90667	MODAL	Mode	1	54-1	0.90667
54	1.36	MODAL	Mode	1	54-1	1.26
54	0	MODAL	Mode	2	54-1	0
54	0.45333	MODAL	Mode	2	54-1	0.4533333
54	0.90687	MODAL	Mode	2	54-1	0.90687
54	1.21	MODAL	Mode	2	54-1	1.36
54	0	MODAL	Mode	3	54-1	0
54	0.45333	MODAL	Mode	3	54-1	0.45333
54	0.90687	MODAL	Mode	3	54-1	0.90687
54	1.36	MODAL	Mode	3	54-1	1.21
54	0	MODAL	Mode	4	54-1	0
54	0.45333	MODAL	Mode	4	54-1	0.45333
54	0.90687	MODAL	Mode	4	54-1	0.90687
54	1.36	MODAL	Mode	4	54-1	1.26
54	0	MODAL	Mode	5	54-1	0
54	0.45333	MODAL	Mode	5	54-1	0.45333
54	0.90657	MODAL	Mode	5	54-1	0.90667
54	1.36	MODAL	Mode	5	54-1	1.36
54	0	MODAL	Mode	6	54-1	0.45333
54	0.45333	MODAL	Mode	6	54-1	0.90667
54	1.36	MODAL	Mode	6	54-1	1.36
54	0	MODAL	Mode	7	54-1	0
54	0.45333	MODAL	Mode	7	54-1	0.45333
54	0.90667	MODAL	Mode	7	54-1	0.90667
54	1.36	MODAL	Mode	7	54-1	1.36
54	0	MODAL	Mode	8	54-1	0
54	0.45333	MODAL	Mode	8	54-1	0.45333
54	0.90667	MODAL	Mode	8	54-1	0.90667

Table: Element Forces - Frames, Part 3 of 3						
Frame	Station m	Element ID/Case	ElemType	Support	Frame/Node	ElasticMod N/mm ²
54	1.36	MODAL	Mode	8	54-1	1.36
54	0	MODAL	Mode	9	54-1	0
54	0.45333	MODAL	Mode	9	54-1	0.45333
54	0.90667	MODAL	Mode	9	54-1	0.90667
54	1.36	MODAL	Mode	2	54-1	1.36
54	0	MODAL	Mode	10	54-1	0
54	0.45333	MODAL	Mode	10	54-1	0.45333
54	0.90667	MODAL	Mode	10	54-1	0.90667
54	1.36	MODAL	Mode	10	54-1	1.36
54	0	MODAL	Mode	11	54-1	0
54	0.45333	MODAL	Mode	11	54-1	0.45333
54	0.90667	MODAL	Mode	11	54-1	0.90667
54	1.36	MODAL	Mode	11	54-1	1.36
54	0	MODAL	Mode	12	54-1	0
54	0.45333	MODAL	Mode	12	54-1	0.45333
54	0.90667	MODAL	Mode	12	54-1	0.90667
54	1.36	MODAL	Mode	12	54-1	1.36
54	0	LIVE	0	54-1	0	0
54	0.45333	LIVE	54-1	54-1	0.45333	
54	0.90667	LIVE	54-1	54-1	0.90667	
54	1.36	LIVE	54-1	54-1	1.36	
54	0	DCONI	54-1	54-1	0	1.36
54	0.45333	DCONI	54-1	54-1	0.45333	
54	0.90667	DCONI	54-1	54-1	0.90667	
54	1.36	DCONI	54-1	54-1	1.36	
54	0	DCON2	54-1	54-1	0	1.36
54	0.45333	DCON2	54-1	54-1	0.45333	
54	0.90667	DCON2	54-1	54-1	0.90667	
54	1.36	DCON2	54-1	54-1	1.36	
58	0	DEAD	55-1	55-1	0	0
58	0.45333	DEAD	55-1	55-1	0.45333	
58	0.90667	DEAD	55-1	55-1	0.90667	
58	1.36	DEAD	55-1	55-1	1.36	
58	0	MODAL	Mode	1	55-1	1.36
58	0.45333	MODAL	Mode	1	55-1	0.45333
58	0.90667	MODAL	Mode	1	55-1	0.90667
58	1.36	MODAL	Mode	1	55-1	1.36
58	0	MODAL	Mode	2	55-1	0
58	0.45333	MODAL	Mode	2	55-1	0.45333
58	0.90667	MODAL	Mode	2	55-1	0.90667
58	1.36	MODAL	Mode	2	55-1	1.36
58	0	MODAL	Mode	3	55-1	0
58	0.45333	MODAL	Mode	3	55-1	0.45333
58	0.90667	MODAL	Mode	3	55-1	0.90667
58	1.36	MODAL	Mode	3	55-1	1.36
58	0	MODAL	Mode	4	55-1	0
58	0.45333	MODAL	Mode	4	55-1	0.45333
58	0.90667	MODAL	Mode	4	55-1	0.90667
58	1.36	MODAL	Mode	4	55-1	1.36
58	0	MODAL	Mode	5	55-1	0
58	0.45333	MODAL	Mode	5	55-1	0.45333
58	0.90667	MODAL	Mode	5	55-1	0.90667
58	1.36	MODAL	Mode	5	55-1	1.36
58	0	MODAL	Mode	6	55-1	0
58	0.45333	MODAL	Mode	6	55-1	0.45333
58	0.90667	MODAL	Mode	6	55-1	0.90667
58	1.36	MODAL	Mode	6	55-1	1.36
58	0	MODAL	Mode	7	55-1	0
58	0.45333	MODAL	Mode	7	55-1	0.45333
58	0.90667	MODAL	Mode	7	55-1	0.90667
58	1.36	MODAL	Mode	7	55-1	1.36
58	0	MODAL	Mode	8	55-1	0
58	0.	MODAL	Mode	8	55-1	0

Table: Element Forces - Frames, Part 2 of 3						
Frame	Station	Output Name	Unit Type	Support	Frame Action	Element Action
	St					
55	0.45333	MODAL	Mode	6	55-1	0.45333
55	0.80687	MODAL	Mode	6	55-1	0.80687
55	1.36	MODAL	Mode	6	55-1	1.36
55	0	MODAL	Mode	7	55-1	0
55	0.45333	MODAL	Mode	7	55-1	0.45333
55	0.80687	MODAL	Mode	7	55-1	0.80687
55	1.36	MODAL	Mode	7	55-1	1.36
55	0	MODAL	Mode	8	55-1	0
55	0.45333	MODAL	Mode	8	55-1	0.45333
55	0.80687	MODAL	Mode	8	55-1	0.80687
55	1.36	MODAL	Mode	8	55-1	1.36
55	0	MODAL	Mode	9	55-1	0
55	0.45333	MODAL	Mode	9	55-1	0.45333
55	0.80687	MODAL	Mode	9	55-1	0.80687
55	1.36	MODAL	Mode	9	55-1	1.36
55	0	MODAL	Mode	10	55-1	0
55	0.45333	MODAL	Mode	10	55-1	0.45333
55	0.80687	MODAL	Mode	10	55-1	0.80687
55	1.36	MODAL	Mode	10	55-1	1.36
55	0	MODAL	Mode	11	55-1	0
55	0.45333	MODAL	Mode	11	55-1	0.45333
55	0.80687	MODAL	Mode	11	55-1	0.80687
55	1.36	MODAL	Mode	11	55-1	1.36
55	0	MODAL	Mode	12	55-1	0
55	0.45333	MODAL	Mode	12	55-1	0.45333
55	0.80687	MODAL	Mode	12	55-1	0.80687
55	1.36	MODAL	Mode	12	55-1	1.36
55	0	LIVE	Mode	12	55-1	1.36
55	0.45333	LIVE			55-1	0
55	0.80687	LIVE			55-1	0.45333
55	1.36	LIVE			55-1	0.80687
55	0.45333	LIVE			55-1	1.36
55	0.80687	LIVE			55-1	0.45333
55	1.36	LIVE			55-1	0.80687
55	0.45333	DCON1			55-1	0.45333
55	0.80687	DCON1			55-1	0.80687
55	1.36	DCON1			55-1	1.36
55	0	DCON2			55-1	0
55	0.45333	DCON2			55-1	0.45333
55	0.80687	DCON2			55-1	0.80687
55	1.36	DCON2			55-1	1.36
55	0	DE/D			55-1	0
55	0.45333	DEAD			55-1	0.45333
55	0.80687	DEAD			55-1	0.80687
55	1.36	DEAD			55-1	1.36
55	0	MODAL	Mode	1	56-1	0
55	0.45333	MODAL	Mode	1	56-1	0.45333
55	0.80687	MODAL	Mode	1	56-1	0.80687
55	1.36	MODAL	Mode	1	56-1	1.36
55	0	MODAL	Mode	2	56-1	0
55	0.45333	MODAL	Mode	2	56-1	0.45333
55	0.80687	MODAL	Mode	2	56-1	0.80687
55	1.36	MODAL	Mode	2	56-1	1.36
55	0	MODAL	Mode	3	56-1	0
55	0.45333	MODAL	Mode	3	56-1	0.45333
55	0.80687	MODAL	Mode	3	56-1	0.80687

Table: Element Force - Frame, Part 3 of 3						
Frame	Station	Output/Elem	Elem Type	Element	Force/Elem	Quantities
	in				lb	in
50	1.36	MODAL	Mode	3,	56-1	1.36
50	0,	MODAL	Mode	4,	1-1	0
50	0.45333	MOD-L	Mode	4,	1-1	0.45333
50	0.90687	MODAL	Mode	4,	18-1	0.90687
50	1.36	MODAL	Mode	4,	18-1	1.36
50	0,	MOD-L	Mode	5,	18-1	0
51	0.47333	MODAL	Mode	5,	18-1	0.45333
51	0.90687	MODAL	Mode	5,	18-1	0.90687
51	1.36	MODAL	Mod-2	5,	18-1	1.37
51	0,	MODAL	Mod-2	6,	17-1	0
51	0.47333	MODAL	Mod-2	6,	17-1	0.45333
51	0.90687	MODAL	Mode	8,	65-1	0.90687
51	1.36	MODAL	Mode	8,	65-1	1.36
51	0,	MODAL	Mode	7,	65-1	0
51	0.45333	MODAL	Mode	7,	61-1	0.45333
51	0.90687	MODAL	Mode	7,	65-1	0.90687
51	1.36	MODAL	Mode	7,	65-1	1.36
51	0,	MODAL	Mode	8,	16-1	0
51	0.45333	MODAL	Mode	8,	56-1	0.45333
51	0.90687	MODAL	Mode	8,	16-1	0.90687
51	1.36	MODAL	Mode	8,	13-1	1.36
51	0,	MODAL	Mode	9,	16-1	0
51	0.45333	MODAL	Mode	9,	13-1	0.45333
51	0.90687	MODAL	Mode	9,	16-1	0.90687
51	1.36	MODAL	Mode	9,	16-1	1.36
51	0,	MODAL	Mode	10,	16-1	0
51	0.45333	MODAL	Mod-6	10,	18-1	0.45333
51	0.90687	MODAL	Mod-6	10,	16-1	0.90687
51	1.36	MODAL	Mod-6	10,	16-1	1.36
51	0,	MODAL	Mod-6	11,	65-1	0
51	0.45333	MODAL	Mode	11,	17-1	0.45333
51	0.90687	MODAL	Mode	11,	16-1	0.90687
51	1.36	MODAL	Mode	11,	16-1	1.36
51	0,	MODAL	Mode	12,	17-1	0
51	0.45333	MODAL	Mode	12,	16-1	0.45333
51	0.90687	MOD-L	Mode	12,	16-1	0.90687
51	1.36	MODAL	Mode	12,	16-1	1.36
51	0,	LIVE		16-	1	0
51	0.45333	LIVE		16-	1	0.45333
51	0.90687	LIVE		16-	1	0.90687
51	1.36	LIVE		16-	1	1.36
51	0,	DCON1		16-	1	0
51	0.45333	DCON1		13-	1	0.45333
51	0.90687	DCON1		13-	1	0.90687
51	1.36	DCON1		13-	1	1.36
51	0,	DCON2		16-	1	0
51	0.45333	DCON2		16-	1	0.45333
51	0.90687	DCON2		16-	1	0.90687
51	1.36	DCON2		13-	1	1.36
51	0,	DEAD		17-	1	0
51	0.45333	DEAD		17-	1	0.45333
51	0.90687	DEAD		17-	1	0.90687
51	1.36	DEAD		17-	1	1.36
51	0,	MODAL	Mode	67-	1	0

Fractn	Stoichn	Orgn-Compn	Elt-Type	St. Spctn	Fractn Cnco	Elmnt-Fctr
	W				W	
57	0.4533	MOD-L	Modn	1	57-1	0.45333
57	0.9067	MOD-L	Modn	1	57-1	0.90677
57	1.36	MOD-L	Modn	1	57-1	1.36
57	0	MOD-L	Modn	2	57-1	0
57	0.4533	MOD-L	Modn	2	57-1	0.45333
57	0.9067	MOD-L	Modn	2	57-1	0.90677
57	1.36	MOD-L	Modn	2	57-1	1.36
57	0	MOD-L	Modn	3	57-1	0
57	0.4533	MOD-L	Modn	3	57-1	0.45333
57	0.9067	MOD-L	Modn	3	57-1	0.90677
57	1.36	MOD-L	Modn	3	57-1	1.36
57	0	MOD-L	Modn	4	57-1	0
57	0.4533	MOD-L	Modn	4	57-1	0.45333
57	0.9067	MOD-L	Modn	4	57-1	0.90677
57	1.36	MOD-L	Modn	4	57-1	1.36
57	0	MOD-L	Modn	5	57-1	0
57	0.4533	MOD-L	Modn	5	57-1	0.45333
57	0.9067	MOD-L	Modn	5	57-1	0.90677
57	1.36	MOD-L	Modn	5	57-1	1.36
57	0	MOD-L	Modn	6	57-1	0
57	0.4533	MOD-L	Modn	6	57-1	0.45333
57	0.9067	MOD-L	Modn	6	57-1	0.90677
57	1.36	MOD-L	Modn	6	57-1	1.36
57	0	MOD-L	Modn	7	57-1	0
57	0.4533	MOD-L	Modn	7	57-1	0.45333
57	0.9067	MOD-L	Modn	7	57-1	0.90677
57	1.36	MOD-L	Modn	7	57-1	1.36
57	0	MOD-L	Modn	8	57-1	0
57	0.4533	MOD-L	Modn	8	57-1	0.45333
57	0.9067	MOD-L	Modn	8	57-1	0.90677
57	1.36	MOD-L	Modn	8	57-1	1.36
57	0	MOD-L	Modn	9	57-1	0
57	0.4533	MOD-L	Modn	9	57-1	0.45333
57	0.9067	MOD-L	Modn	9	57-1	0.90677
57	1.36	MOD-L	Modn	9	57-1	1.36
57	0	MOD-L	Modn	10	57-1	0
57	0.4533	MOD-L	Modn	10	57-1	0.45333
57	0.9067	MOD-L	Modn	10	57-1	0.90677
57	1.36	MOD-L	Modn	10	57-1	1.36
57	0	MOD-L	Modn	11	57-1	0
57	0.4533	MOD-L	Modn	11	57-1	0.45333
57	0.9067	MOD-L	Modn	11	57-1	0.90677
57	1.36	MOD-L	Modn	11	57-1	1.36
57	0	MOD-L	Modn	12	57-1	0
57	0.4533	MOD-L	Modn	12	57-1	0.45333
57	0.9067	MOD-L	Modn	12	57-1	0.90677
57	1.36	MOD-L	Modn	12	57-1	1.36
57	0	LIVE		57-1	0	0
57	0.4533	LIVE		57-1	0	0.45333
57	0.9067	LIVE		57-1	0	0.90677
57	1.36	LIVE		57-1	0	1.36
57	0	DCON1		57-1	0	0
57	0.4533	DCON1		57-1	0	0.45333
57	0.9067	DCON1		57-1	0	0.90677

Table: Element Forces - Frames, Part 3 of 3						
Frame	Station	Origin/Ease	Shape Type	Shape Len	Frame Elem	E' contribution
	in					in
57	1.58	DCDN1			57-1	1.58
57	0	DCDN2			57-1	0
57	0.75333	DCDN2			57-1	0.45333
57	0.90667	DCDN2			57-1	0.90667
57	1.26	DCDN2			57-1	1.26
58	0	DEAD			58-1	0
58	0.48216	DEAD			58-1	0.48216
58	0.74332	DEAD			57-1	0.82432
58	1.38548	DEAD			58-1	1.38548
58	0	MODAL	Mode	1	58-1	0
58	0.7147	MODAL	Mode	1	57-1	0.82432
58	0.82432	MODAL	Mode	1	58-1	0.82432
58	1.37348	MODAL	Mode	1	58-1	1.38734
58	0	MODAL	Mode	2	58-1	0
58	0.48216	MODAL	Mode	2	58-1	0.48216
58	0.82432	MODAL	Mode	2	58-1	0.82432
58	1.38748	MODAL	Mode	2	58-1	1.38648
58	0	MODAL	Mode	3	58-1	0
58	0.48216	MODAL	Mode	3	58-1	0.48216
58	0.82432	MODAL	Mode	3	58-1	0.82432
58	1.8548	MODAL	Mode	3	58-1	1.38548
58	0	MODAL	Mode	4	58-1	0
58	0.48216	MODAL	Mode	4	58-1	0.48216
58	0.82432	MODAL	Mode	4	58-1	0.82432
58	1.38648	MODAL	Mode	4	58-1	1.37748
58	0	MODAL	Mode	5	70-1	0
58	0.48216	MODAL	Mode	5	58-1	0.48216
58	0.82432	MODAL	Mode	5	58-1	0.82432
58	1.37748	MODAL	Mode	5	58-1	1.38648
58	0	MODAL	Mode	6	58-1	0
58	0.48216	MODAL	Mode	6	58-1	0.48216
58	0.74332	MODAL	Mode	6	58-1	0.82432
58	1.38548	MODAL	Mode	6	57-1	1.38648
58	0	MODAL	Mode	7	58-1	0
58	0.47716	MODAL	Mode	7	58-1	0.48216
58	0.82432	MODAL	Mode	7	58-1	0.82432
58	1.38648	MODAL	Mode	7	58-1	1.38648
58	0	MODAL	Mode	8	58-1	0
58	0.48216	MODAL	Mode	8	58-1	0.48216
58	0.82432	MODAL	Mode	8	58-1	0.82432
58	1.38648	MODAL	Mode	8	58-1	1.38648
58	0	MODAL	Mode	9	66-1	0
58	0.48216	MODAL	Mode	9	66-1	0.48216
58	0.82432	MODAL	Mode	9	66-1	0.82432
58	1.78548	MODAL	Mode	9	58-1	1.38748
58	0	MODAL	Mode	10	58-1	0
58	0.48216	MODAL	Mode	10	58-1	0.48216
58	0.82432	MODAL	Mode	10	58-1	0.82432
58	1.37748	MODAL	Mode	10	58-1	1.37648
58	0	MODAL	Mode	11	55-1	0
58	0.48216	MODAL	Mode	11	58-1	0.48216
58	0.82432	MODAL	Mode	11	58-1	0.82432
58	1.38648	MODAL	Mode	11	58-1	1.38648
58	0	MODAL	Mode	12	58-1	0

Table: Element Forces - Frames, Part 2 of 3						
Frame	Station	Coordinate	Element	StepType	StepItem	ElementForce
	m					m
58	0.48215	MODAL	Mode	12	58-1	0.48215
58	0.52432	MODAL	Mode	12	58-1	0.52432
58	1.38648	MODAL	Mod	12	58-1	1.38648
58	0				58-1	0
58	0.48215	LIVE			58-1	0.48215
58	0.52432	LIVE			58-1	0.52432
58	1.38648	LIVE			58-1	1.38648
58	0	DCON1			58-1	0
58	0.48216	DCON1			58-1	0.48216
58	0.52432	DCON1			58-1	0.52432
58	1.38648	DCON1			58-1	1.38648
58	0	DCON2			58-1	0
68	0.48215	DCON2			58-1	0.48215
68	0.52432	DCON2			58-1	0.52432
58	1.38648	DCON2			58-1	1.38648
58	0	DEAD			58-1	0
58	0.48155	DEAD			58-1	0.48155
58	0.53312	DEAD			58-1	0.53312
58	1.44467	DEAD			58-1	1.44467
58	1.29283				58-1	1.29283
58	2.40779				58-1	2.40779
58	2.89325				58-1	2.89325
58	3.37091				58-1	3.37091
58	3.85240				58-1	3.85240
58	4.2402				58-1	4.2402
58	4.81858				58-1	4.81858
58	5.29774				58-1	5.29774
58	5.77789				58-1	5.77789
58	6.26025				58-1	6.26025
58	6.74181				58-1	6.74181
58	7.22337				58-1	7.22337
58	7.70483				58-1	7.70483
58	8.18648				58-1	8.18648
58	0		Mode	1	58-1	0
58	0.48156	MODAL	Mode	1	58-1	0.48156
58	0.53312	MODAL	Mode	1	58-1	0.53312
58	1.44467	MODAL	Mode	1	58-1	1.44467
58	1.29283	MODAL	Mode	1	58-1	1.29283
58	2.40779	MODAL	Mode	1	58-1	2.40779
58	2.89325	MODAL	Mode	1	58-1	2.89325
58	3.37091	MODAL	Mode	1	58-1	3.37091
58	3.85240	MODAL	Mode	1	58-1	3.85240
58	4.2402	MODAL	Mode	1	58-1	4.2402
58	4.81858	MODAL	Mode	1	58-1	4.81858
58	5.29774	MODAL	Mode	1	58-1	5.29774
58	5.77789	MODAL	Mode	1	58-1	5.77789
58	6.26025	MODAL	Mode	1	58-1	6.26025
58	6.74181	MODAL	Mode	1	58-1	6.74181
58	7.22337	MODAL	Mode	1	58-1	7.22337
58	7.70483	MODAL	Mode	1	58-1	7.70483
58	8.18648	MODAL	Mode	1	58-1	8.18648
58	0	MODAL	Mode	2	58-1	0
58	0.48155	MODAL	Mod	2	58-1	0.48155
58	0.53312	MODAL	Mod	2	58-1	0.53312

Table: Element Forces - Frames, Part 3 of 3						
Frame	Station in	Order/Case	Step/Type	Direction	Translation	Element Forces
59	1,44487	MODAL	Mode 5	59-1		1,44487
59	1,71233	MOD U	Mode 5	59-1		1,71233
59	2,40779	MOD L	Mode 5	59-1		2,40779
59	2,89395	MODAL	Mode 5	59-1		2,89395
59	3,37091	MODAL	Mode 5	59-1		3,37091
59	3,85246	MODAL	Mode 5	59-1		3,85246
59	4,33402	MODAL	Mode 5	59-1		4,33402
59	4,81558	MODAL	Mode 5	59-1		4,81558
59	5,29714	MODAL	Mode 5	59-1		5,29714
59	5,77868	MODAL	Mode 5	59-1		5,77868
59	6,26025	MODAL	Mode 5	59-1		6,26025
59	6,74181	MOD L	Mode 5	59-1		6,74181
59	7,22337	MODAL	Mode 5	59-1		7,22337
59	7,70483	MODAL	Mode 5	59-1		7,70483
59	8,18648	MODAL	Mode 5	59-1		8,18648
59	8,66813	MODAL	Mode 5	59-1		8,66813
59	9,14969	MODAL	Mode 5	59-1		9,14969
59	9,63125	MODAL	Mode 5	59-1		9,63125
59	1,44487	MODAL	Mode 6	59-1		1,44487
59	1,71233	MODAL	Mode 6	59-1		1,71233
59	2,40779	MODAL	Mode 6	59-1		2,40779
59	2,89395	MODAL	Mode 6	59-1		2,89395
59	3,37091	MODAL	Mode 6	59-1		3,37091
59	3,85246	MODAL	Mode 6	59-1		3,85246
59	4,33402	MOD L	Mode 6	59-1		4,33402
59	4,81558	MODAL	Mode 6	59-1		4,81558
59	5,29714	MODAL	Mode 6	59-1		5,29714
59	5,77868	MODAL	Mode 6	59-1		5,77868
59	6,26025	MODAL	Mode 6	59-1		6,26025
59	6,74181	MODAL	Mode 6	59-1		6,74181
59	7,22337	MODAL	Mode 6	59-1		7,22337
59	7,70483	MODAL	Mode 6	59-1		7,70483
59	8,18648	MOD L	Mode 6	59-1		8,18648
59	8,66813	MODAL	Mode 6	59-1		8,66813
59	9,14969	MOD L	Mode 6	59-1		9,14969
59	9,63125	MODAL	Mode 6	59-1		9,63125
59	1,44487	MODAL	Mode 7	59-1		1,44487
59	1,71233	MODAL	Mode 7	59-1		1,71233
59	2,40779	MODAL	Mode 7	59-1		2,40779
59	2,89395	MODAL	Mode 7	59-1		2,89395
59	3,37091	MODAL	Mode 7	59-1		3,37091
59	3,85246	MODAL	Mode 7	59-1		3,85246
59	4,33402	MODAL	Mode 7	59-1		4,33402
59	4,81558	MODAL	Mode 7	59-1		4,81558
59	5,29714	MODAL	Mode 7	59-1		5,29714
59	5,77868	MOD L	Mode 7	59-1		5,77868
59	6,26025	MODAL	Mode 7	59-1		6,26025
59	6,74181	MODAL	Mode 7	59-1		6,74181
59	7,22337	MODAL	Mode 7	59-1		7,22337
59	7,70483	MODAL	Mode 7	59-1		7,70483
59	8,18648	MOD L	Mode 7	59-1		8,18648
59	8,66813	MOD L	Mode 7	59-1		8,66813
59	9,14969	MODAL	Mode 7	59-1		9,14969
59	9,63125	MODAL	Mode 7	59-1		9,63125

Table: Element Forces - Frames, Part 3 of 3						
Frame	Station	Direction	ElemType	System	FrameCode	ElementCode
	in					
59	1.44467	MODAL	Mode	11	56-1	1.44467
59	1.98233	MODAL	Mode	11	58-1	1.98233
59	2.40778	MODAL	Mode	11	60-1	2.40778
59	2.88935	MODAL	Mode	11	62-1	2.88935
59	3.37091	MODAL	Mode	11	64-1	3.37091
59	3.85246	MODAL	Mode	11	66-1	3.85246
59	4.33402	MODAL	Mode	11	68-1	4.33402
59	4.81558	MODAL	Mode	11	69-1	4.81558
59	5.29714	MODAL	Mode	11	69-1	5.29714
59	5.77869	MODAL	Mode	11	69-1	5.77869
59	6.26025	MODAL	Mode	11	69-1	6.26025
59	6.74181	MODAL	Mode	11	69-1	6.74181
59	7.22337	MODAL	Mode	11	69-1	7.22337
59	7.70493	MODAL	Mode	11	69-1	7.70493
59	8.18648	MODAL	Mode	11	69-1	8.18648
59	8.66804	MODAL	Mode	12	69-1	0
59	9.14959	MODAL	Mode	12	69-1	0.87155
59	9.6312	MODAL	Mode	12	69-1	0.95312
59	1.44467	MODAL	Mode	12	5-1	1.44467
59	1.98233	MODAL	Mode	12	5-1	1.98233
59	2.40778	MODAL	Mode	12	69-1	2.40778
59	2.88935	MODAL	Mode	12	69-1	2.88935
59	3.37091	MODAL	Mode	12	69-1	3.37091
59	3.85246	MODAL	Mode	12	69-1	3.85246
59	4.33402	MODAL	Mode	12	69-1	4.33402
59	4.81558	MODAL	Mode	12	69-1	4.81558
59	5.29714	MODAL	Mode	12	69-1	5.29714
59	5.77869	MODAL	Mode	12	69-1	5.77869
59	6.26025	MODAL	Mode	12	69-1	6.26025
59	6.74181	MODAL	Mode	12	69-1	6.74181
59	7.22337	MODAL	Mode	12	69-1	7.22337
59	7.70493	MODAL	Mode	12	69-1	7.70493
59	8.18648	MODAL	Mode	12	69-1	8.18648
59	8.66804	LVE		59-1	59-1	0
59	9.14959	LVE		59-1	59-1	0.87155
59	9.6312	LVE		59-1	59-1	0.95312
59	1.44467	LVE		59-1	59-1	1.44467
59	1.98233	LVE		59-1	59-1	1.98233
59	2.40778	LVE		59-1	59-1	2.40778
59	2.88935	LVE		59-1	59-1	2.88935
59	3.37091	LVE		59-1	59-1	3.37091
59	3.85246	LVE		59-1	59-1	3.85246
59	4.33402	LVE		59-1	59-1	4.33402
59	4.81558	LVE		59-1	59-1	4.81558
59	5.29714	LVE		59-1	59-1	5.29714
59	5.77869	LVE		59-1	59-1	5.77869
59	6.26025	LVE		59-1	59-1	6.26025
59	6.74181	LVE		59-1	59-1	6.74181
59	7.22337	LVE		59-1	59-1	7.22337
59	7.70493	LVE		59-1	59-1	7.70493
59	8.18648	LVE		59-1	59-1	8.18648
59	8.66804	DCONI		59-1	59-1	0
59	9.14959	DCONI		59-1	59-1	0.87155
59	9.6312	DCONI		59-1	59-1	0.95312

Frame	El. Num	Output Case	Step Type	Step Item	Frame Item	Element Value
	N				N	
58	1,44467	DCON1			58-1	1,44467
59	1,82623	DCON1			59-1	1,82623
59	2,40779	DCON1			59-1	2,40779
59	2,89328	DCON1			59-1	2,89328
59	3,37091	DCON1			59-1	3,37091
59	3,85248	DCON1			59-1	3,85248
59	4,33402	DCON1			59-1	4,33402
59	4,81658	DCON1			59-1	4,81658
59	5,29774	DCON1			59-1	5,29774
59	5,77869	DCON1			59-1	5,77869
59	1,26025	DCON1			59-1	6,26025
59	5,74181	DCON1			59-1	6,74181
59	7,22337	DCON1			59-1	7,22337
59	7,70493	DCON1			59-1	7,70493
59	8,18648	DCON1			59-1	8,18648
59	8,66804	DCON2			59-1	9
59	9,04959	DCON2			59-1	9,04959
59	9,53112	DCON2			59-1	9,53112
59	1,44467	DCON2			59-1	1,44467
59	1,82623	DCON2			59-1	1,82623
59	2,40779	DCON2			59-1	2,40779
59	2,89328	DCON2			59-1	2,89328
59	3,37091	DCON2			59-1	3,37091
59	3,85248	DCON2			59-1	3,85248
59	4,33402	DCON2			59-1	4,33402
59	4,81658	DCON2			59-1	4,81658
59	5,29774	DCON2			59-1	5,29774
59	5,77869	DCON2			59-1	5,77869
59	5,26025	DCON2			59-1	6,26025
59	5,74181	DCON2			59-1	6,74181
59	7,22337	DCON2			59-1	7,22337
59	7,70493	DCON2			59-1	7,70493
59	8,18648	DCON2			59-1	8,18648
60	DEAD	DEAD			60-1	DEAD
60	9,04959	DEAD			60-1	9,04959
60	9,53112	DEAD			60-1	9,53112
60	1,44467	DEAD			60-1	1,44467
60	1,82623	DEAD			60-1	1,82623
60	2,40779	DEAD			60-1	2,40779
60	2,89328	DEAD			60-1	2,89328
60	3,37091	DEAD			60-1	3,37091
60	3,85248	DEAD			60-1	3,85248
60	4,33402	DEAD			60-1	4,33402
60	4,81658	DEAD			60-1	4,81658
60	5,29774	DEAD			60-1	5,29774
60	5,77869	DEAD			60-1	5,77869
60	5,26025	DEAD			60-1	6,26025
60	5,74181	DEAD			60-1	6,74181
60	7,22337	DEAD			60-1	7,22337
60	7,70493	DEAD			60-1	7,70493
60	8,18648	DEAD			60-1	8,18648
60	0	MODAL	Mode	1,	60-1	0
60	9,04959	MODAL	Mode	1,	60-1	9,04959
60	9,53112	MODAL	Mode	1,	60-1	9,53112

Table: Element Forces - Frames, Part 3 of 3						
Frame	Station	Output Case	Sub-Type	Step/Item	Frame/Item	Element
	m					m
60	1.44487	MODAL	Mode	1	60-1	1.44487
60	1.92723	MODAL	Mode	1	60-1	1.92823
60	1.40779	MODAL	Mode	1	60-1	1.40879
60	2.68835	MODAL	Mode	1	60-1	2.68935
60	3.37091	MODAL	Mode	1	60-1	3.37091
60	3.85246	MODAL	Mode	1	60-1	3.85246
60	4.33402	MODAL	Mode	1	60-1	4.33402
60	4.81558	MODAL	Mode	1	60-1	4.81558
60	5.29714	MODAL	Mode	1	60-1	5.29714
60	5.77869	MODAL	Mode	1	60-1	5.77869
60	6.26025	MODAL	Mode	1	60-1	6.26025
60	6.74181	MODAL	Mode	1	60-1	6.74181
60	7.22337	MODAL	Mode	1	60-1	7.22337
60	7.70493	MODAL	Mode	1	60-1	7.70493
60	8.18648	MODAL	Mode	1	60-1	8.18648
60	0	MODAL	Mode	2	60-1	0
60	0.48155	MODAL	Mode	2	60-1	0.48155
60	0.96312	MODAL	Mode	2	60-1	0.96312
60	1.44487	MODAL	Mode	2	60-1	1.44487
60	1.92723	MODAL	Mode	2	60-1	1.92823
60	2.40779	MODAL	Mode	2	60-1	2.40879
60	2.88835	MODAL	Mode	2	60-1	2.88935
60	3.37091	MODAL	Mode	2	60-1	3.37091
60	3.85246	MODAL	Mode	2	60-1	3.85246
60	4.33402	MODAL	Mode	2	60-1	4.33402
60	4.81558	MODAL	Mode	2	60-1	4.81558
60	5.29714	MODAL	Mode	2	60-1	5.29714
60	5.77869	MODAL	Mode	2	60-1	5.77869
60	6.26025	MODAL	Mode	2	60-1	6.26025
60	6.74181	MODAL	Mode	2	60-1	6.74181
60	7.22337	MODAL	Mode	2	60-1	7.22337
60	7.70493	MODAL	Mode	2	60-1	7.70493
60	8.18648	MODAL	Mode	2	60-1	8.18648
60	0	MODAL	Mode	3	60-1	0
60	0.48155	MODAL	Mode	3	60-1	0.48155
60	0.96312	MODAL	Mode	3	60-1	0.96312
60	1.44487	MODAL	Mode	3	60-1	1.44487
60	1.92723	MODAL	Mode	3	60-1	1.92823
60	2.40779	MODAL	Mode	3	60-1	2.40879
60	2.88835	MODAL	Mode	3	60-1	2.88935
60	3.37091	MODAL	Mode	3	60-1	3.37091
60	3.85246	MODAL	Mode	3	60-1	3.85246
60	4.33402	MODAL	Mode	3	60-1	4.33402
60	4.81558	MODAL	Mode	3	60-1	4.81558
60	5.29714	MODAL	Mode	3	60-1	5.29714
60	5.77869	MODAL	Mode	3	60-1	5.77869
60	6.26025	MODAL	Mode	3	60-1	6.26025
60	6.74181	MODAL	Mode	3	60-1	6.74181
60	7.22337	MODAL	Mode	3	60-1	7.22337
60	7.70493	MODAL	Mode	3	60-1	7.70493
60	8.18648	MODAL	Mode	3	60-1	8.18648
60	0	MODAL	Mode	4	60-1	0
60	0.48155	MODAL	Mode	4	60-1	0.48155
60	0.97312	MODAL	Mode	4	60-1	0.98312

Table: Element Forces - Frames, Part 3 of 3						
Frame	Station	Output Date	Step Type	Step	Frame Item	Element Item
	m					
60	1.44487	MODAL	Mode	4	60-1	1.444-17
60	1.82823	MOD-L	Mode	4	60-1	1.82823
60	2.40778	MOD-L	Mode	4	60-1	2.40772
60	2.88835	MODAL	Mode	5	60-1	2.88835
60	3.37091	MODAL	Mode	4	60-1	3.37091
60	3.85246	MODAL	Mode	4	60-1	3.85246
60	4.33402	MOD-L	Mode	4	60-1	4.33402
60	4.81558	MODAL	Mode	4	60-1	4.81558
60	5.29714	MOD-L	Mode	4	60-1	5.29714
60	5.77769	MODAL	Mode	4	60-1	5.77769
60	6.25925	MOD-L	Mode	4	60-1	6.25925
60	6.74181	MOD-L	Mode	4	60-1	6.74181
60	7.22337	MOD-L	Mode	4	60-1	7.22337
60	7.70493	MODAL	Mode	4	60-1	7.70493
60	8.18648	MODAL	Mode	4	60-1	8.18648
60	0	MODAL	Mode	5	60-1	0
60	0.48151	MODAL	Mode	6	60-1	0.48151
60	0.96312	MODAL	Mode	6	60-1	0.96312
60	1.44487	MODAL	Mode	6	60-1	1.44487
60	1.82823	MODAL	Mode	6	60-1	1.82823
60	2.40778	MODAL	Mode	6	60-1	2.40778
60	2.88835	MODAL	Mode	6	60-1	2.88835
60	3.37091	MODAL	Mode	6	60-1	3.37091
60	3.85246	MODAL	Mode	6	60-1	3.85246
60	4.33402	MODAL	Mode	6	60-1	4.33402
60	4.81558	MODAL	Mode	6	60-1	4.81558
60	5.29714	MODAL	Mode	6	60-1	5.29714
60	5.77769	MODAL	Mode	6	60-1	5.77769
60	6.25925	MODAL	Mode	6	60-1	6.25925
60	6.74181	MODAL	Mode	6	60-1	6.74181
60	7.22337	MODAL	Mode	6	60-1	7.22337
60	7.70493	MODAL	Mode	6	60-1	7.70493
60	8.18648	MODAL	Mode	6	60-1	8.18648
60	0.48151	MODAL	Mode	8	60-1	0.48151
60	0.96312	MOD-L	Mode	6	60-1	0.96312
60	1.44487	MOD-L	Mode	6	60-1	1.44487
60	1.82823	MODAL	Mode	6	60-1	1.82823
60	2.40778	MODAL	Mode	6	60-1	2.40778
60	2.88835	MODAL	Mode	6	60-1	2.88835
60	3.37091	MOD-L	Mode	6	60-1	3.37091
60	3.85246	MODAL	Mode	6	60-1	3.85246
60	4.33402	MODAL	Mode	6	60-1	4.33402
60	4.81558	MODAL	Mode	6	60-1	4.81558
60	5.29714	MODAL	Mode	6	60-1	5.29714
60	5.77769	MODAL	Mode	6	60-1	5.77769
60	6.25925	MODAL	Mode	6	60-1	6.25925
60	6.74181	MODAL	Mode	6	60-1	6.74181
60	7.22337	MOD-L	Mode	8	60-1	7.22337
60	7.70493	MODAL	Mode	6	60-1	7.70493
60	8.18648	MODAL	Mode	6	60-1	8.18648
60	0	MODAL	Mode	7	60-1	0
60	0.48151	MODAL	Mode	7	60-1	0.48151
60	0.93312	MODAL	Mode	7	60-1	0.93312

Table: Element Forces - Frames, Part 3 of 3						
Frame	Subcon	Unit/Cat	StopType	StopPlan	FrameElem	Elevation
	m					m
40	1.44467	MODAL	Mode	7	60-1	1.44467
60	1.92823	MODAL	Mode	7	60-1	1.92823
80	2.40772	MODAL	Mode	7	60-1	2.40772
60	2.89235	MODAL	Mode	7	60-1	2.89235
60	3.37091	MODAL	Mode	7	60-1	3.37091
60	3.85248	MODAL	Mode	7	60-1	3.85248
60	4.33402	MODAL	Mode	7	60-1	4.33402
60	4.81558	MODAL	Mode	7	60-1	4.81558
60	5.29714	MODAL	Mode	7	60-1	5.29714
60	5.77869	MODAL	Mode	7	60-1	5.77869
60	6.26025	MODAL	Mode	7	60-1	6.26025
60	6.74181	MODAL	Mode	7	60-1	6.74181
60	7.22337	MODAL	Mode	7	60-1	7.22337
60	7.70493	MODAL	Mode	7	60-1	7.70493
60	8.18648	MODAL	Mode	7	60-1	8.18648
60	8.66804	MODAL	Mode	8	60-1	8.66804
60	9.14959	MODAL	Mode	8	60-1	9.14959
60	9.63115	MODAL	Mode	8	60-1	9.63115
60	10.1127	MODAL	Mode	8	60-1	10.1127
60	10.5942	MODAL	Mode	8	60-1	10.5942
60	11.0758	MODAL	Mode	8	60-1	11.0758
60	11.5573	MODAL	Mode	8	60-1	11.5573
60	12.0389	MODAL	Mode	8	60-1	12.0389
60	12.5204	MODAL	Mode	8	60-1	12.5204
60	13.002	MODAL	Mode	8	60-1	13.002
60	13.4835	MODAL	Mode	8	60-1	13.4835
60	13.9651	MODAL	Mode	8	60-1	13.9651
60	14.4466	MODAL	Mode	8	60-1	14.4466
60	14.9282	MODAL	Mode	8	60-1	14.9282
60	15.4097	MODAL	Mode	8	60-1	15.4097
60	15.8913	MODAL	Mode	8	60-1	15.8913
60	16.3728	MODAL	Mode	8	60-1	16.3728
60	16.8544	MODAL	Mode	8	60-1	16.8544
60	17.3359	MODAL	Mode	8	60-1	17.3359
60	17.8175	MODAL	Mode	8	60-1	17.8175
60	18.299	MODAL	Mode	8	60-1	18.299
60	18.7806	MODAL	Mode	8	60-1	18.7806
60	19.2621	MODAL	Mode	8	60-1	19.2621
60	19.7437	MODAL	Mode	8	60-1	19.7437
60	20.2252	MODAL	Mode	8	60-1	20.2252
60	20.7068	MODAL	Mode	8	60-1	20.7068
60	21.1883	MODAL	Mode	8	60-1	21.1883
60	21.6699	MODAL	Mode	8	60-1	21.6699
60	22.1514	MODAL	Mode	8	60-1	22.1514
60	22.633	MODAL	Mode	8	60-1	22.633
60	23.1145	MODAL	Mode	8	60-1	23.1145
60	23.5961	MODAL	Mode	8	60-1	23.5961
60	24.0776	MODAL	Mode	8	60-1	24.0776
60	24.5592	MODAL	Mode	8	60-1	24.5592
60	25.0407	MODAL	Mode	8	60-1	25.0407
60	25.5223	MODAL	Mode	8	60-1	25.5223
60	26.0038	MODAL	Mode	8	60-1	26.0038
60	26.4854	MODAL	Mode	8	60-1	26.4854
60	26.9669	MODAL	Mode	8	60-1	26.9669
60	27.4485	MODAL	Mode	8	60-1	27.4485
60	27.93	MODAL	Mode	8	60-1	27.93
60	28.4115	MODAL	Mode	8	60-1	28.4115
60	28.8931	MODAL	Mode	8	60-1	28.8931
60	29.3746	MODAL	Mode	8	60-1	29.3746
60	29.8562	MODAL	Mode	8	60-1	29.8562
60	30.3377	MODAL	Mode	8	60-1	30.3377
60	30.8193	MODAL	Mode	8	60-1	

Frame	Section	OutputCase	StepType	StepNum	FrameElem	ElementNode
60	1,44467	MODAL	Mode	10	60-1	1,44467
60	1,82823	MODAL	Mode	10	60-1	1,82823
60	2,40779	MODAL	Mode	10	60-1	2,40779
60	2,88935	MODAL	Mode	10	60-1	2,88935
60	3,37091	MODAL	Mode	10	60-1	3,37091
60	3,85246	MODAL	Mode	10	60-1	3,85246
60	4,33402	MODAL	Mode	10	60-1	4,33402
60	4,81558	MODAL	Mode	10	60-1	4,81558
60	5,29714	MODAL	Mode	10	60-1	5,29714
60	5,77869	MODAL	Mode	10	60-1	5,77869
60	6,26025	MODAL	Mode	10	60-1	6,26025
60	6,74181	MODAL	Mode	10	60-1	6,74181
60	7,22337	MODAL	Mode	10	60-1	7,22337
60	7,70493	MODAL	Mode	10	60-1	7,70493
60	8,18648	MODAL	Mode	10	60-1	8,18648
60	0	MODAL	Mode	11	60-1	0
60	0,48158	MODAL	Mode	11	60-1	0,48158
60	0,96312	MODAL	Mode	11	60-1	0,96312
60	1,44467	MODAL	Mode	11	60-1	1,44467
60	1,82823	MODAL	Mode	11	60-1	1,82823
60	2,40779	MODAL	Mode	11	60-1	2,40779
60	2,88935	MODAL	Mode	11	60-1	2,88935
60	3,37091	MODAL	Mode	11	60-1	3,37091
60	3,85246	MODAL	Mode	11	60-1	3,85246
60	4,33402	MODAL	Mode	11	60-1	4,33402
60	4,81558	MODAL	Mode	11	60-1	4,81558
60	5,29714	MODAL	Mode	11	60-1	5,29714
60	5,77869	MODAL	Mode	11	60-1	5,77869
60	6,26025	MODAL	Mode	11	60-1	6,26025
60	6,74181	MODAL	Mode	11	60-1	6,74181
60	7,22337	MODAL	Mode	11	60-1	7,22337
60	7,70493	MODAL	Mode	11	60-1	7,70493
60	8,18648	MODAL	Mode	11	60-1	8,18648
60	0	MODAL	Mode	12	60-1	0
60	0,48158	MODAL	Mode	12	60-1	0,48158
60	0,96312	MODAL	Mode	12	60-1	0,96312
60	1,44467	MODAL	Mode	12	60-1	1,44467
60	1,82823	MODAL	Mode	12	60-1	1,82823
60	2,40779	MODAL	Mode	12	60-1	2,40779
60	2,88935	MODAL	Mode	12	60-1	2,88935
60	3,37091	MODAL	Mode	12	60-1	3,37091
60	3,85246	MODAL	Mode	12	60-1	3,85246
60	4,33402	MODAL	Mode	12	60-1	4,33402
60	4,81558	MODAL	Mode	12	60-1	4,81558
60	5,29714	MODAL	Mode	12	60-1	5,29714
60	5,77869	MODAL	Mode	12	60-1	5,77869
60	6,26025	MODAL	Mode	12	60-1	6,26025
60	6,74181	MODAL	Mode	12	60-1	6,74181
60	7,22337	MODAL	Mode	12	60-1	7,22337
60	7,70493	MODAL	Mode	12	60-1	7,70493
60	8,18648	MODAL	Mode	12	60-1	8,18648
60	0	LIVE	Mode	60-1	60-1	0
60	0,48158	LIVE	Mode	60-1	60-1	0,48158
60	0,96312	LIVE	Mode	60-1	60-1	0,96312

Frame	Section	OutputCase	StepType	StepNum	FrameElem	ElementNode
60	1,44467	LIVE	Mode	60-1	60-1	1,44467
60	1,82823	LIVE	Mode	60-1	60-1	1,82823
60	2,40779	LIVE	Mode	60-1	60-1	2,40779
60	2,88935	LIVE	Mode	60-1	60-1	2,88935
60	3,37091	LIVE	Mode	60-1	60-1	3,37091
60	3,85246	LIVE	Mode	60-1	60-1	3,85246
60	4,33402	LIVE	Mode	60-1	60-1	4,33402
60	4,81558	LIVE	Mode	60-1	60-1	4,81558
60	5,29714	LIVE	Mode	60-1	60-1	5,29714
60	5,77869	LIVE	Mode	60-1	60-1	5,77869
60	6,26025	LIVE	Mode	60-1	60-1	6,26025
60	6,74181	LIVE	Mode	60-1	60-1	6,74181
60	7,22337	LIVE	Mode	60-1	60-1	7,22337
60	7,70493	LIVE	Mode	60-1	60-1	7,70493
60	8,18648	LIVE	Mode	60-1	60-1	8,18648
60	0	DCON1	Mode	60-1	60-1	0
60	0,48158	DCON1	Mode	60-1	60-1	0,48158
60	0,96312	DCON1	Mode	60-1	60-1	0,96312
60	1,44467	DCON1	Mode	60-1	60-1	1,44467
60	1,82823	DCON1	Mode	60-1	60-1	1,82823
60	2,40779	DCON1	Mode	60-1	60-1	2,40779
60	2,88935	DCON1	Mode	60-1	60-1	2,88935
60	3,37091	DCON1	Mode	60-1	60-1	3,37091
60	3,85246	DCON1	Mode	60-1	60-1	3,85246
60	4,33402	DCON1	Mode	60-1	60-1	4,33402
60	4,81558	DCON1	Mode	60-1	60-1	4,81558
60	5,29714	DCON1	Mode	60-1	60-1	5,29714
60	5,77869	DCON1	Mode	60-1	60-1	5,77869
60	6,26025	DCON1	Mode	60-1	60-1	6,26025
60	6,74181	DCON1	Mode	60-1	60-1	6,74181
60	7,22337	DCON1	Mode	60-1	60-1	7,22337
60	7,70493	DCON1	Mode	60-1	60-1	7,70493
60	8,18648	DCON1	Mode	60-1	60-1	8,18648
60	0	DCON2	Mode	60-1	60-1	0
60	0,48158	DCON2	Mode	60-1	60-1	0,48158
60	0,96312	DCON2	Mode	60-1	60-1	0,96312
60	1,44467	DCON2	Mode	60-1	60-1	1,44467
60	1,82823	DCON2	Mode	60-1	60-1	1,82823
60	2,40779	DCON2	Mode	60-1	60-1	2,40779
60	2,88935	DCON2	Mode	60-1	60-1	2,88935
60	3,37091	DCON2	Mode	60-1	60-1	3,37091
60	3,85246	DCON2	Mode	60-1	60-1	3,85246
60	4,33402	DCON2	Mode	60-1	60-1	4,33402
60	4,81558	DCON2	Mode	60-1	60-1	4,81558
60	5,29714	DCON2	Mode	60-1	60-1	5,29714
60	5,77869	DCON2	Mode	60-1	60-1	5,77869
60	6,26025	DCON2	Mode	60-1	60-1	6,26025
60	6,74181	DCON2	Mode	60-1	60-1	6,74181
60	7,22337	DCON2	Mode	60-1	60-1	7,22337
60	7,70493	DCON2	Mode	60-1	60-1	7,70493
60	8,18648	DCON2	Mode	60-1	60-1	8,18648

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPat	SourceType	Type	Dir	DistType	RefDist
44	DE/D	GLOBAL	Force	Z	RefDist	0
45	DEAD	GLOBAL	Force	Z	RefDist	0
46	DEAD	GLOBAL	Force	Z	RefDist	0
47	DEAD	GLOBAL	Force	Z	RefDist	0
48	DEAD	GLOBAL	Force	Z	RefDist	0
49	DEAD	GLOBAL	Force	Z	RefDist	0
50	DE/D	GLOBAL	Force	Z	RefDist	0
51	DEAD	GLOBAL	Force	Z	RefDist	0
52	DEAD	GLOBAL	Force	Z	RefDist	0
53	DEAD	GLOBAL	Force	Z	RefDist	0
54	DEAD	GLOBAL	Force	Z	RefDist	0
55	DEAD	GLOBAL	Force	Z	RefDist	0
56	DE/D	GLOBAL	Force	Z	RefDist	0
57	DE/D	GLOBAL	Force	Z	RefDist	0
58	DEAD	GLOBAL	Force	Z	RefDist	0
59	DE/D	GLOBAL	Force	Z	RefDist	0
60	LIVE	GLOBAL	Force	Z	RefDist	0
60	LIVE	GLOBAL	Force	Z	RefDist	0,4275
60	DEAD	GLOBAL	Force	Z	RefDist	0

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPat	RefDist	AbsDistA	AbsDistB	FOverLA	FOverLB
44	DEAD	1	0	4,14238	-42	-42
45	DEAD	1	0	4,14238	-42	-42
46	DEAD	1	0	4,14238	-42	-42
47	DEAD	1	0	1,38	-42	-42
48	DEAD	1	0	1,38	-42	-42
49	DEAD	1	0	1,38	-42	-42
50	DEAD	1	0	1,38	-42	-42
51	DEAD	1	0	1,38	-42	-42
52	DEAD	1	0	1,38	-42	-42
53	DEAD	1	0	1,38	-42	-42
54	DE/D	1	0	1,38	-42	-42
55	DEAD	1	0	1,38	-42	-42
56	DEAD	1	0	1,38	-42	-42
57	DEAD	1	0	1,38	-42	-42
58	DEAD	1	0	1,38	-42	-42
59	DEAD	1	0	1,38	-42	-42
60	LIVE	1	0	8,18648	-52,95	-52,95
60	LIVE	1	0	8,18648	-18	-18
60	LIVE	0,5497	3,6	4,5	-400	-400
60	DEAD	1	0	8,18648	-52,95	-52,95

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPat	SourceType
44	DEAD	070311c-4ab-416-3e6 e-946c573464b1
45	DEAD	d73cc585-c806-49e5-b3 5-c545819a5110
46	DEAD	604e9091-7588-4518-b4 37-dc8b-1143e
47	DEAD	5270cd0-d7f4-454a-b17 -aa85110e8d2c
48	DEAD	20c142a-4bce-4b75-8d 1e-618c300132d5
49	DEAD	8e4f82b-c061-4ea-9783 -832508b032
50	DEAD	2e854885-8876-4343-bb 1e-c3a8f0db13a6
51	DE/D	04e1530-2d2d-4b45-b77 3-103491d1f322
52	DEAD	f4e16a8-4351-4a90-9a0 0-d7787531951
53	DEAD	eac1f1b8-a8a0-45cb-a8 d-818231c4d81
54	DEAD	7b76757-1414-4728-bc3 0-fa12071822d
55	DEAD	0728e484-d237-4acc-a0 3f-21e13c3b22fb
56	DEAD	b3ca9d78-dc2b-4541-a4 1b-14ab1a5c1a1d
57	DEAD	c8d58bac-bb1d-4c0c-4a5 9d-64346d49001
58	DEAD	71ca2336-4c14-480a-4a0a -c349b171101c
59	DEAD	5cd8b2e0-81a8-42a0-851 6-0aff0cb9a2285
60	LIVE	31f18de1-8e5f-41c3-8a4e -c5fcd073b05e
60	LIVE	d58c329e-d585-4324-8ff e-211290f1708e
60	DEAD	12d53db2-8a08-4d77-90 ab-b089777814

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

SectionName	Material	Shape	IS	IS	Area	TorsConst
140_00	4000Psi	Rectangular	0,5	1,4	0,045226	
173_40	4000Psi	Rectangular	0,4	1,6	0,028719	
240_70	4000Psi	Rectangular	0,7	2,4	0,224009	
53_40	4000Psi	Rectangular	0,4	0,53	0,000076	
63_30	4000Psi	Rectangular	0,6	0,53	0,009825	

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

Section Name	I33 in ⁴	I32 in ⁴	I33 in ⁴	A32 in ²	A33 in ²	SPIN in ⁶	S33 in ³	Y ₃₃ in	S32 in ³
140_0	0.014C3	0.1143C	0.	0.58333	0.68339	0.05933	0.16333		
140_40	0.00833	0.13633	0.	0.53333	0.63333	0.04267	0.17067		
240_70	0.0086	0.8064	0.	1.4	1.4	0.1E1	0.672		
50_40	0.00287	0.00406	0.	0.17667	0.17667	0.01413	0.01277		
50_60	0.00552	0.00620	0.	0.22083	0.22083	0.02208	0.02408		

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

Table: Frame Section Properties - 1. General, Part 3 of 8							
SectionName	Z33	Z32	R33	R32	CoreCp33	CoreCp32	Color
140_50	0.376	0.246	0.14438	0.404145	No	Yes	GrayDark
180_40	0.064	0.257	0.15647	0.46188	No	Yes	Red
240_70	0.294	1.008	0.20207	0.69252	No	Yes	GrayDark
53_40	0.0212	0.02858	0.11647	0.15238	No	Yes	Yellow
63_50	0.03125	0.035113	0.144326	0.152088	No	Yes	Green

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

Section Name	Total I	Total Sx	Total Sy	From Flange	From Web	From Flange	From Web
140_80	0	0	0	1	1	1	1
120_40	0	0	0	1	1	1	1
240_70	1788.24	181.35	0	1	1	1	1
53_40	0	0	0	1	1	1	1
53_50	0	0	0	1	1	1	1

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

Sectional Area	Depth	Width	Area	Width	Area	Width	Area
160.30	1	1	1	1	1	1	1
180.40	1	1	1	1	1	1	1
240.70	1	1	1	1	1	1	1
63.40	1	1	1	1	1	1	1
53.50	1	1	1	1	1	1	1

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

Section Name	Notes
140_80	Added 3/6/2020 2:43:30 PM
160_40	Added 3/6/2020 2:45:24 PM
240_70	Added 2/17/2022 2:29:10 II
53_40	Added 3/6/2020 2:47:16 PM
53_50	Added 3/6/2020 2:45:22 PM

Table: Frame Section Properties 03 - Concrete Beam

Table: Frame Section Properties 01 - Concrete Beam									
SectionName	RebarSet1	RebarSet2	TopCover	BoxCover	TopLeftArea	TopRightArea	BottomLeftArea	BottomRightArea	
			m	m	m ²	m ²	m ²	m ²	
140_80	A615G80	A615G80	0.05	0.08	0.	0.	0.	0.	
180_40	A615G80	A615G80	0.05	0.08	0.	0.	0.	0.	
240_70	A615G80	A615G80	0.05	0.08	0.	0.	0.	0.	
S3_40	A615G40	A615G80	0.05	0.08	0.	0.	0.	0.	
S3_50	A615G80	A615G80	0.05	0.08	0.	0.	0.	0.	

Table: Frame Section Properties 13 - Time Dependent

SectionName	TypeSize	AutoVSize	AutoSPSize	UserVSize
140_80	Auto	0,36842	1,	
160_40	User	0,	1,	0,1
240_70	Auto	0,54184	1,	
53_40	User	0,	1,	0,1
53_50	User	0,	1,	0,1

Table: Joint Spring Assignments 1 - Uncoupled

Joint	Counting	U1	U2	U3	R1	R2	R3
		K0Mn	K0Mn	K0Mn	K0-mind	K0-mind	K0-mind
29	Local	\$0000	\$0000	\$0000	\$0000	\$0000	\$0000
31	Local	\$0000	\$0000	\$0000	\$0000	\$0000	\$0000
33	Local	\$0000	\$0000	\$0000	\$0000	\$0000	\$0000
34	Local	\$0000	\$0000	\$0000	\$0000	\$0000	\$0000
35	Local	\$0000	\$0000	\$0000	\$0000	\$0000	\$0000
36	Local	\$0000	\$0000	\$0000	\$0000	\$0000	\$0000
37	Local	\$0000	\$0000	\$0000	\$0000	\$0000	\$0000
38	Local	\$0000	\$0000	\$0000	\$0000	\$0000	\$0000
39	Local	\$0000	\$0000	\$0000	\$0000	\$0000	\$0000
40	Local	\$0000	\$0000	\$0000	\$0000	\$0000	\$0000
41	Local	\$0000	\$0000	\$0000	\$0000	\$0000	\$0000
42	Local	\$0000	\$0000	\$0000	\$0000	\$0000	\$0000
43	Local	\$0000	\$0000	\$0000	\$0000	\$0000	\$0000

Table: Load Pattern Definitions

LoadPat	DesignType	SelfWeight	AutoLoad	GRU	Notes
DEAD	Dead	1,			
LIVE	Live	0,			

Table: Material Properties 01 - General, Part 1 of 2

Material		Type	Grade	Spec. Type	Temp. Depend.	Color	GUID
4009P	Concrete	Tendon	Grade Z70	Isotropic Uniaxial	No	Blue	b56161b-951b-43ac-8181-097414d5e10
A615G80	Rubber	Sheet		Uniaxial	No	White	
A9BZFy50	Steel			Isotropic	No	Gray/Dark	

Table: Material Properties 01 - General, Part 2 of 2

Material	Notes
4000Psi	Normalweight Fc = 4 ksi added 3/9/2020 2:40:40 PM
A415Gr270	ASTM A415 Grade 270 21/7/2022 6:34:17 II
A615Gr60	ASTM A615 Grade 60 added 3/9/2020 2:43:50 PM
A992Fy50	ASTM A992 Fy=50 ksi added 3/9/2020 2:40:40 PM

Table: Material Properties 02 - Basic Mechanical Properties

Material	Ultimate Tensile Strength KMN/m ²	Yield Strength KMN/m ²	E1 KMN/m ²	E12 KMN/m ²	U12	U1 U/C
4000PSI	2,35E+01	2,402E+00	24655678.3	10358460.9	0.2	9,900E+00
A16IGD20	7,973E+01	7,840E+00	19,919,000E+00			1,170E+00
A15SG90	7,807E+01	7,749E+00	1090478.7			1,170E+00
A62GF50	7,687E+01	7,840E+00	10904787.8	78903088.7	0.3	1,170E+00

Table: Material Properties 03a - Steel Data, Part 1 of 2

Table: Material Properties for Steel Data - Part 1 of 2		Table: Material Properties D36 - Steel Data, Part 1 of 2					Stand	Units
Material	Py KPaM2	Pu KPaM2	EmPy KPaM2	EmPu KPaM2	SBCurveOpt	SBCType	Stand	Units
A992-50	247321.89	448157.26	379211.68	452975.19	Simple	Kinematic	0.015	0.1

Table: Material Properties 03a - Steel Data, Part 2 of 2

Material	E/Pap	FlexMod
AB92-γ50	0.17	-0.1

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

Material	F _c ksi MPa	F _{ty} ksi MPa	LimComp	SSCompOpt	SSHydType	SP	SCap	FlexStiff
4000(c)	2759.03	2759.03	No	Manual	Takeda	0.002219	0.005	-0.1

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

Material	Angle Degrees	Angle Degrees
4000Psi	0	0

Table: Material Properties 03e - Rebar Data, Part 1 of 2

Table: Material Properties 03e - Rubber Data, Part 1 of 2								
Material	Py KNm2	Fu KNm2	EmY KNm2	EmW KNm2	SSCurveOpt	SSHydType	SHard	%Cap
AD15Gr50	412.8547	820526.21	456054.02	682581.03	Simple	Kinematic	0.01	0.08

Table: Material Properties 03e - Rebar Data, Part 2 of 2

Material	FineGrp	UseCTDef
A615Gr60	-0.1	No

Table: Material Properties 03f - Tendon Data

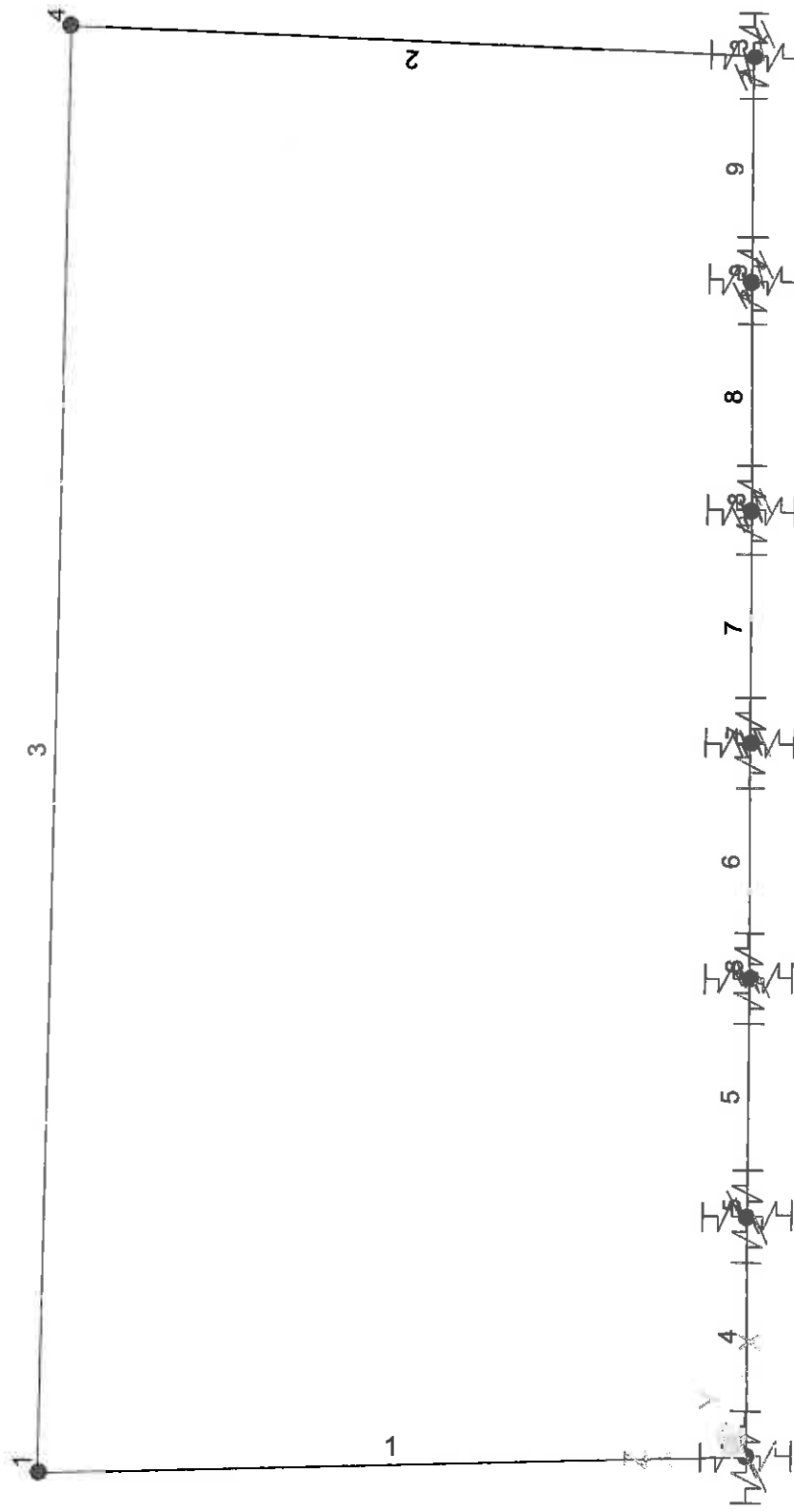
Table: Material Properties 03f - Tendon Data					
Material	Fy KN/m2	Fu KN/m2	SECurveOpt	%StkType	rInitStk
A416Gr270	1889805.16	1231584.53	270 ksi	Kinematic	-0.0

Table: Material Properties 06 - Damping Parameters

Material	Modulus	Viscosity 1/Sec	Viscosity Sec	Hysteresis 1/Sec2	Hysteresis Sec
4000Psi	0.	0.	0.	0.	0.
A416Gr270	0.	0.	0.	0.	0.
A516Gr60	0.	0.	0.	0.	0.

Table: Material Properties 66 -Damping Parameters

Material	Modulatio	VisMod	VisStiff	HystMod	HystStiff
		1/Sec	Sec	1/Sec	
A992FY50	0.	0.	0.	0.	0.



ΦΟΡΤΙΑ ΥΠΟΛΟΓΙΣΜΟΥ ΤΕΧΝΙΚΟΥ R3
(DIN - Fachbericht 101)

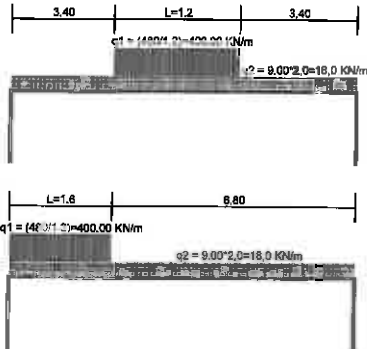
- 1) Ιδιο βάρος σπασμένου σκυροδέματος
(Εφαρμόζεται στην πλάκα καταστρώματος και στα βέλοια) **25,00 KN/m3**
- 2) Πρόσθετα μόνιμα
Ιδιο βάρος από τη σκυροδέματος **24,00 KN/m3**
Μέσο πάχος στρώσης **0,09 m**
2,16 KN/m2

Ιδιο βάρος ασφαλτικών στρώσεων
Συνολικό πάχος ασφαλτικού **0,1 m**
2,40 KN/m2

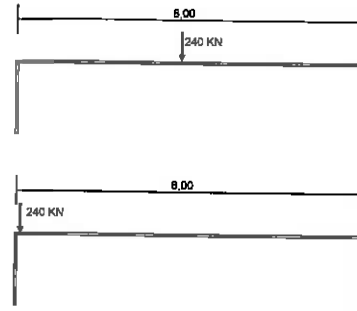
Συνολικό πρόσθετο μόνιμο **4,56 KN/m2**

3A) Προσαρμοζόμενο φόρτιση 1 (ΠΦ1)

Ανοίγμα **8,00 m**
Πλάτος φόρτισης **2,40 m**
Μήκος οχήματος **1,20 m**
Φορτίο οχήματος **480 KN**



4) Προσαρμοζόμενο φόρτιση 2 (ΠΦ2)



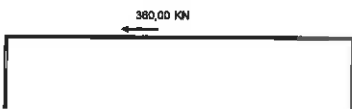
Τραχητέληση +
Συνολικό μήκος τεχνικού **8,80 m**

Συνολική δύναμη τραχητέλησης
 $Q_{lk} = 0.6 \cdot (aQ) \cdot (2 \cdot Q_{lk} + 0.10 \cdot aq \cdot q_{lk} \cdot w \cdot L) = 330.00 \leq 360.00 \text{ KN} \leq 900$

$aQ = 1.00$
 $Q_{lk} = 240.00 \text{ KN}$
 $aq = 1.00$
 $q_{lk} = 8.00 \text{ KN/m}^2$
 $w = 3.00 \text{ m}$



6) Τραχητέληση -



7) Θερμοκρασιακή μεταβολή -

Ελάχιστη θερμοκρασία υπό σιδή **-20,00 °C**
Μέγιστη θερμοκρασία υπό σιδή **45,00 °C**
 $T_{min} = -13,00 °C$
 $T_{max} = 45,00 °C$
 $T_o = 15,00 °C$
 $\Delta T_{N,neg} = -28,00 °C$
 $\alpha = 10^{-5} \rightarrow \Delta L = -0,00028$

8) Θερμοκρασιακή μεταβολή +

$\Delta T_{N,pos} = 30,00 °C$
 $\alpha = 10^{-5} \rightarrow \Delta L = 0,00030$

9) Διαφορική Θερμοκρασιακή μεταβολή -
(Κάτω πλευρά πιο θερμή)

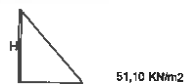
Πάχος φορέα **h = 0,80 m**
 $\Delta T_{N,neg} = -8,00 °C$
Κριτηριότητα **$-8,00 \cdot (10^{-5} \cdot h) = -0,000160$**

10) Διαφορική Θερμοκρασιακή μεταβολή +
(Άνω πλευρά πιο θερμή)

Πάχος επιστρώσης (0, 20, 50, 100, 150, 300 mm) **100 mm**
Συντελεστής επιρροής **0,70**
 $\Delta T_{N,pos} = 10,50 °C$
Κριτηριότητα **$10,50 \cdot (10^{-5} \cdot h) = 0,000131$**

11) Διάστας γαλιν ηρεμίας
 $\varphi = 30^\circ \rightarrow K_o = 1 - \sin \varphi = 0,5$

Υψος εφαρμογής H **5,11 m**
Είδος εδάφους γ **20,00 KN/m3**
Αναπτυσσόμενες ιαθλίσεις $= K_o \cdot H \cdot \gamma =$



12) Κινητό πτω από ακρόβαθρο -

$q_1 \cdot K_o + q_2 \cdot K_o = 180,80 \text{ KN/m}$



13) Κινητό πτω από ακρόβαθρο +

-158,55 KN/m

14) Σισμός στα μόνιμα φορτία και στα φορτία κυκλοφορίας

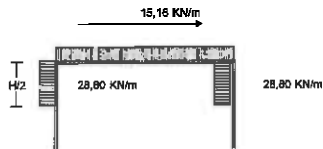
Μόνιμα φορτία
Πάχος πάθρων **0,80 m**
Αριθμός πάθρων **2**
Εισαγωγές συντελεστής **0,24**
Συντελεστής σπουδαιότητας **1,00**
Συντελεστής θεμελίωσης **1,00**
 $\beta_o = 2,50$
 $\alpha = 0,60$

Στατικό φορτίο 12 KN/m2
Ανωδομή 12,00 KN/m2
Βάθρο 2,40 m
Πλάτος φόρτισης 28,80 KN/m
Ανωδομή 28,80 KN/m
Βάθρο 28,80 KN/m

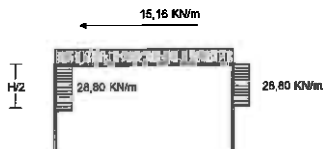
Πρόσβλεπτα μόνιμα
Συνολικά πρόσβλεπτα μόνιμα 4,56 KN/m2
Στατικό φορτίο 2,74 KN/m2
Πλάτος φόρτισης 2,40 m
Ανωδομή 8,57 KN/m

Κινητά φορτία:
Αναγωγή κύριου σχήματος σε κατανεμημένο φορτίο x 0.2 10,00 KN/m
Λοιπά κατανεμημένα φορτία x 0.2 4,32 KN/m

*Αθροισμα γραμμικών φορτίων ανωδομής 14,32 KN/m



15) Στατικές στα μόνιμα φορτία και στα φορτία κυκλοφορίας-



16) Ορίσματος στατικό αντίθετος
Τοίχος πρακτικός ομακωπής
 $\sigma_1 = 0,5 \sigma \gamma \cdot H^2 \cdot 2,4 = 29,43 \text{ KN/m}$
 $\sigma_2 = 1,5 \sigma \gamma \cdot H^2 \cdot 2,4 = 88,30 \text{ KN/m}$



17) Ορίσματος στατικό ομόφρονες +
Τοίχος με περιορισμένη δύναμη μετακίνησης
 $\sigma_1 = 0,75 \sigma \gamma \cdot H^2 \cdot 2,4 = 44,15 \text{ KN/m}$



18) Ορίσματος στατικό ομόφρονες -



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Table: Element Forces - Frames, Part 1 of 3

Frame	Station	OutputCase	CaseType	StepType	StepNum	P	V2	V3
KN	KN	KN						
1	0	DEAD	LinStatic			-289,135	-1,042	0
1	2,15487	DEAD	LinStatic			-443,189	-1,042	0
1	4,30994	DEAD	LinStatic			-577,259	-1,042	0
1	0	MODAL	LinModal	Mode	1	2,189E-08	3,892E-11	1310,00
1	2,15487	MODAL	LinModal	Mode	1	2,189E-08	3,892E-11	1310,00
1	4,30994	MODAL	LinModal	Mode	1	2,189E-08	3,892E-11	1310,00
1	0	MODAL	LinModal	Mode	2	-3455,515	3706,041	8,081E-11
1	2,15487	MODAL	LinModal	Mode	2	-3455,515	3706,041	8,081E-11
1	4,30994	MODAL	LinModal	Mode	2	-3455,515	3706,041	8,081E-11
1	0	MODAL	LinModal	Mode	3	-2,800E-07	-1,069E-05	-3183,982
1	2,15487	MODAL	LinModal	Mode	3	-2,800E-07	-1,069E-05	-3183,982
1	4,30994	MODAL	LinModal	Mode	3	-2,800E-07	-1,069E-05	-3183,982
1	0	MODAL	LinModal	Mode	4	11477,882	2624,341	-1,570E-13
1	2,15487	MODAL	LinModal	Mode	4	11477,882	2624,341	-1,570E-13
1	4,30994	MODAL	LinModal	Mode	4	11477,882	2624,341	-1,570E-13
1	0	MODAL	LinModal	Mode	6	8306,812	6779,887	-7,857E-14
1	2,15487	MODAL	LinModal	Mode	6	8306,812	6779,887	-7,857E-14
1	4,30994	MODAL	LinModal	Mode	6	8306,812	6779,887	-7,857E-14
1	0	MODAL	LinModal	Mode	6	2,857E-12	4,745E-13	1,945,831
1	2,15487	MODAL	LinModal	Mode	6	2,857E-12	4,745E-13	1,945,831
1	4,30994	MODAL	LinModal	Mode	6	2,857E-12	4,745E-13	1,945,831
1	0	MODAL	LinModal	Mode	7	-5,487E-13	-1,092E-12	-6940,264
1	2,15487	MODAL	LinModal	Mode	7	-5,487E-13	-1,092E-12	-6940,264
1	4,30994	MODAL	LinModal	Mode	7	-5,487E-13	-1,092E-12	-6940,264
1	0	MODAL	LinModal	Mode	8	-4082,847	-14137,214	4,710E-13
1	2,15487	MODAL	LinModal	Mode	8	-4082,847	-14137,214	4,710E-13
1	4,30994	MODAL	LinModal	Mode	8	-4082,847	-14137,214	4,710E-13
1	0	MODAL	LinModal	Mode	9	-35882,103	-15335,387	8,873E-13
1	2,15487	MODAL	LinModal	Mode	9	-35882,103	-15335,387	8,873E-13
1	4,30994	MODAL	LinModal	Mode	9	-35882,103	-15335,387	8,873E-13
1	0	MODAL	LinModal	Mode	10	-8,735E-12	-8,396E-13	-1,328,485
1	2,15487	MODAL	LinModal	Mode	10	-8,735E-12	-8,396E-13	-1,328,485
1	4,30994	MODAL	LinModal	Mode	10	-8,735E-12	-8,396E-13	-1,328,485
1	0	MODAL	LinModal	Mode	11	-157210,098	-38477,535	-1,426E-11
1	2,15487	MODAL	LinModal	Mode	11	-157210,098	-38477,535	-1,426E-11
1	4,30994	MODAL	LinModal	Mode	11	-157210,098	-38477,535	-1,426E-11
1	0	MODAL	LinModal	Mode	12	4,139E-11	1,117E-11	-3221,806
1	2,15487	MODAL	LinModal	Mode	12	4,139E-11	1,117E-11	-3221,806
1	4,30994	MODAL	LinModal	Mode	12	4,139E-11	1,117E-11	-3221,806
1	0	LIVE	LinStatic			-400,13	75,763	0
1	2,15487	LIVE	LinStatic			-442,762	75,763	0
1	4,30994	LIVE	LinStatic			-483,374	75,763	0
1	0	DOCN	Combination			-946,711	100,85	0
1	2,15487	DOCN	Combination			-1196,239	100,85	0
1	4,30994	DOCN	Combination			-1446,265	100,85	0
2	0	DEAD	LinStatic			-597,3	-1,042	0
2	2,15487	DEAD	LinStatic			-443,238	-1,042	0
2	4,30994	DEAD	LinStatic			-289,178	-1,042	0
2	0	MODAL	LinModal	Mode	1	8,880E-11	5,123E-10	1317,717
2	2,15487	MODAL	LinModal	Mode	1	8,880E-11	5,123E-10	1317,717
2	4,30994	MODAL	LinModal	Mode	1	8,880E-11	5,123E-10	1317,717
2	0	MODAL	LinModal	Mode	2	3447,137	-3712,288	-6,700E-11
2	2,15487	MODAL	LinModal	Mode	2	3447,137	-3712,288	-6,700E-11

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Frame	Station	OutputCase	CaseType	StepType	StepNum	P	V2	V3
KN	KN	KN						
2	0	MODAL	LinModal	Mode	2	3447,137	-3712,288	-6,700E-11
2	2,15487	MODAL	LinModal	Mode	2	3447,137	-3712,288	-6,700E-11
2	4,30994	MODAL	LinModal	Mode	2	3447,137	-3712,288	-6,700E-11
2	0	MODAL	LinModal	Mode	4	11337,641	2463,556	1,509E-13
2	2,15487	MODAL	LinModal	Mode	4	11337,641	2463,556	1,509E-13
2	4,30994	MODAL	LinModal	Mode	4	11337,641	2463,556	1,509E-13
2	0	MODAL	LinModal	Mode	5	-5595,103	-6834,671	2,648E-13
2	2,15487	MODAL	LinModal	Mode	5	-5595,103	-6834,671	2,648E-13
2	4,30994	MODAL	LinModal	Mode	5	-5595,103	-6834,671	2,648E-13
2	0	MODAL	LinModal	Mode	6	-2,589E-12	-4,787E-13	1495,532
2	2,15487	MODAL	LinModal	Mode	6	-2,589E-12	-4,787E-13	1495,532
2	4,30994	MODAL	LinModal	Mode	6	-2,589E-12	-4,787E-13	1495,532
2	0	MODAL	LinModal	Mode	7	4,557E-13	1,092E-12	-6978,27
2	2,15487	MODAL	LinModal	Mode	7	4,557E-13	1,092E-12	-6978,27
2	4,30994	MODAL	LinModal	Mode	7	4,557E-13	1,092E-12	-6978,27
2	0	MODAL	LinModal	Mode	8	4120,569	14142,155	-4,438E-13
2	2,15487	MODAL	LinModal	Mode	8	4120,569	14142,155	-4,438E-13
2	4,30994	MODAL	LinModal	Mode	8	4120,569	14142,155	-4,438E-13
2	0	MODAL	LinModal	Mode	9	-3595,3	-15337,955	-8,829E-13
2	2,15487	MODAL	LinModal	Mode	9	-3595,3	-15337,955	-8,829E-13
2	4,30994	MODAL	LinModal	Mode	9	-3595,3	-15337,955	-8,829E-13
2	0	MODAL	LinModal	Mode	10	-1,032E-11	4,674E-13	-1359,875
2	2,15487	MODAL	LinModal	Mode	10	-1,032E-11	4,674E-13	-1359,875
2	4,30994	MODAL	LinModal	Mode	10	-1,032E-11	4,674E-13	-1359,875
2	0	MODAL	LinModal	Mode	11	157571,751	36476,512	1,427E-11
2	2,15487	MODAL	LinModal	Mode	11	157571,751	36476,512	1,427E-11
2	4,30994	MODAL	LinModal	Mode	11	157571,751	36476,512	1,427E-11
2	0	MODAL	LinModal	Mode	12	5,825E-11	-7,859E-12	3221,403
2	2,15487	MODAL	LinModal	Mode	12	5,825E-11	-7,859E-12	3221,403
2	4,30994	MODAL	LinModal	Mode	12	5,825E-11	-7,859E-12	3221,403
2	0	LIVE	LinStatic			-483,377	75,763	0
2	2,15487	LIVE	LinStatic			-442,770	75,763	0
2	4,30994	LIVE	LinStatic			-402,155	75,763	0
2	0	DOCN	Combination			-1446,444	100,85	0
2	2,15487	DOCN	Combination			-1196,122	100,85	0
2	4,30994	DOCN	Combination			-946,2	100,85	0
3	0	DE/D	LinStatic			1,042	-236,11	0
3	0,68887	DEAD	LinStatic			1,042	-255,77	0
3	0,57778	DEAD	LinStatic			1,042	-232,69	0
3	1,46687	DE/D	LinStatic			1,042	-199,40	0
3	1,95656	DE/D	LinStatic			1,042	-166,12	0
3	2,44444	DEAD	LinStatic			1,042	-132,98	0
3	0,33333	DEAD	LinStatic			1,042	-98,74	0
3	3,42222	DEAD	LinStatic			1,042	-65,5	0
3	3,91111	DEAD	LinStatic			1,042	-33,28	0
3	4,4	DEAD	LinStatic			1,042	-0,021	0
3	4,88889	DE/D	LinStatic			1,042	3,219	0
3	5,37778	DE/D	LinStatic			1,042	66,459	0
3	5,86667	DEAD	LinStatic			1,042	90,969	0
3	6,35556	DEAD	LinStatic			1,042	120,939	0
3	6,84444	DEAD	LinStatic			1,042	166,176	0
3	7,33333	DEAD	LinStatic			1,042	199,415	0
3	7,82222	DEAD	LinStatic			1,042	232,69	0

Table: Element Forces - Frames, Part 1 of 3									
Frame	Station	Output/Case	Case Type	Release Type	Releases	P	Q	R	S
						KN	KN	KN	KN
3	8,84444	MODAL	Lin/Modal	Mode	3	-3,976E-10	2,775E-09	-1,038E-12	
3	7,35333	MODAL	Lin/Modal	Mode	3	-3,976E-10	2,775E-09	-1,038E-12	
3	7,35222	MODAL	Lin/Modal	Mode	3	-3,976E-10	2,775E-09	-1,038E-12	
3	8,8	MODAL	Lin/Modal	Mode	3	-3,976E-10	2,775E-09	-1,038E-12	
3	0	MODAL	Lin/Modal	Mode	4	-2,589E-12	37,312	-5,012E-14	
3	0,48889	MODAL	Lin/Modal	Mode	4	-2,589E-12	37,312	-5,012E-14	
3	0,97778	MODAL	Lin/Modal	Mode	4	-2,589E-12	37,312	-5,012E-14	
3	1,46667	MODAL	Lin/Modal	Mode	4	-2,589E-12	37,312	-5,012E-14	
3	1,95556	MODAL	Lin/Modal	Mode	4	-2,589E-12	37,312	-5,012E-14	
3	2,44444	MODAL	Lin/Modal	Mode	4	-2,589E-12	37,312	-5,012E-14	
3	2,93333	MODAL	Lin/Modal	Mode	4	-2,589E-12	37,312	-5,012E-14	
3	3,42222	MODAL	Lin/Modal	Mode	4	-2,589E-12	37,312	-5,012E-14	
3	3,91111	MODAL	Lin/Modal	Mode	4	-2,589E-12	37,312	-5,012E-14	
3	4	MODAL	Lin/Modal	Mode	4	-2,589E-12	37,312	-5,012E-14	
3	4,88889	MODAL	Lin/Modal	Mode	4	-2,589E-12	37,312	-5,012E-14	
3	5,37778	MODAL	Lin/Modal	Mode	4	-2,589E-12	37,312	-5,012E-14	
3	5,86667	MODAL	Lin/Modal	Mode	4	-2,589E-12	37,312	-5,012E-14	
3	6,35556	MODAL	Lin/Modal	Mode	4	-2,589E-12	37,312	-5,012E-14	
3	6,84444	MODAL	Lin/Modal	Mode	4	-2,589E-12	37,312	-5,012E-14	
3	7,33333	MODAL	Lin/Modal	Mode	4	-2,589E-12	37,312	-5,012E-14	
3	7,82222	MODAL	Lin/Modal	Mode	4	-2,589E-12	37,312	-5,012E-14	
3	8,31111	MODAL	Lin/Modal	Mode	4	-2,589E-12	37,312	-5,012E-14	
3	8,8	MODAL	Lin/Modal	Mode	4	-2,589E-12	37,312	-5,012E-14	
3	0	MODAL	Lin/Modal	Mode	5	2,878E-12	3181,771	-6,813E-14	
3	0,48889	MODAL	Lin/Modal	Mode	5	2,878E-12	3181,771	-6,813E-14	
3	0,97778	MODAL	Lin/Modal	Mode	5	2,878E-12	3181,771	-6,813E-14	
3	1,46667	MODAL	Lin/Modal	Mode	5	2,878E-12	3181,771	-6,813E-14	
3	1,95556	MODAL	Lin/Modal	Mode	5	2,878E-12	3181,771	-6,813E-14	
3	2,44444	MODAL	Lin/Modal	Mode	5	2,878E-12	3181,771	-6,813E-14	
3	2,93333	MODAL	Lin/Modal	Mode	5	2,878E-12	3181,771	-6,813E-14	
3	3,42222	MODAL	Lin/Modal	Mode	5	2,878E-12	3181,771	-6,813E-14	
3	3,91111	MODAL	Lin/Modal	Mode	5	2,878E-12	3181,771	-6,813E-14	
3	4	MODAL	Lin/Modal	Mode	5	2,878E-12	3181,771	-6,813E-14	
3	4,88889	MODAL	Lin/Modal	Mode	5	2,878E-12	3181,771	-6,813E-14	
3	5,37778	MODAL	Lin/Modal	Mode	5	2,878E-12	3181,771	-6,813E-14	
3	5,86667	MODAL	Lin/Modal	Mode	5	2,878E-12	3181,771	-6,813E-14	
3	6,35556	MODAL	Lin/Modal	Mode	5	2,878E-12	3181,771	-6,813E-14	
3	6,84444	MODAL	Lin/Modal	Mode	5	2,878E-12	3181,771	-6,813E-14	
3	7,33333	MODAL	Lin/Modal	Mode	5	2,878E-12	3181,771	-6,813E-14	
3	7,82222	MODAL	Lin/Modal	Mode	5	2,878E-12	3181,771	-6,813E-14	
3	8,31111	MODAL	Lin/Modal	Mode	5	2,878E-12	3181,771	-6,813E-14	
3	8,8	MODAL	Lin/Modal	Mode	5	2,878E-12	3181,771	-6,813E-14	
3	0	MODAL	Lin/Modal	Mode	6	9,000E-16	5,644E-14	24,758	
3	0,48889	MODAL	Lin/Modal	Mode	6	9,000E-16	5,644E-14	24,758	
3	0,97778	MODAL	Lin/Modal	Mode	6	9,000E-16	5,644E-14	24,758	
3	1,46667	MODAL	Lin/Modal	Mode	6	9,000E-16	5,644E-14	24,758	
3	1,95556	MODAL	Lin/Modal	Mode	6	9,000E-16	5,644E-14	24,758	
3	2,44444	MODAL	Lin/Modal	Mode	6	9,000E-16	5,644E-14	24,758	
3	2,93333	MODAL	Lin/Modal	Mode	6	9,000E-16	5,644E-14	24,758	
3	3,42222	MODAL	Lin/Modal	Mode	6	9,000E-16	5,644E-14	24,758	
3	3,91111	MODAL	Lin/Modal	Mode	6	9,000E-16	5,644E-14	24,758	
3	4	MODAL	Lin/Modal	Mode	6	9,000E-16	5,644E-14	24,758	
3	4,88889	MODAL	Lin/Modal	Mode	6	9,000E-16	5,644E-14	24,758	

Table: Element Force - Frame, Part 1 of 3										
Frame	Station	OutputCase	CaseType	ElementType	ElementNo	P	VZ	VX	VY	W
3	3,91111	MODAL	LinkModal	Mode	9	17674.042	-0.57	1.331E-12		
3	1.4	MODAL	LinkModal	Mode	9	17774.042	-0.37	1.331E-12		
3	4,86444	MODAL	LinkModal	Mode	9	17674.042	-0.37	1.331E-12		
3	5,37778	MODAL	LinkModal	Mode	9	17674.042	-0.37	1.331E-12		
3	5,96667	MODAL	LinkModal	Mode	9	17674.042	-0.37	1.331E-12		
3	6,35556	MODAL	LinkModal	Mode	9	17674.042	-0.37	1.331E-12		
3	6,84444	MODAL	LinkModal	Mode	9	17674.042	-0.37	1.331E-12		
3	7,33333	MODAL	LinkModal	Mode	9	17674.042	-0.37	1.331E-12		
3	7,82222	MODAL	LinkModal	Mode	9	17674.042	-0.37	1.331E-12		
3	8,31111	MODAL	LinkModal	Mode	9	17674.042	-0.37	1.331E-12		
3	8.8	MODAL	LinkModal	Mode	9	17674.042	-0.37	1.331E-12		
3	9.	MODAL	LinkModal	Mode	10	6.134E-11	-3.241E-13	-2.38E-03		
3	9.47778	MODAL	LinkModal	Mode	10	6.134E-11	-3.241E-13	-2.38E-03		
3	9.97778	MODAL	LinkModal	Mode	10	6.134E-11	-3.241E-13	-2.38E-03		
3	1.4E-37	MODAL	LinkModal	Mode	10	6.134E-11	-3.241E-13	-2.38E-03		
3	1.95556	MODAL	LinkModal	Mode	10	6.134E-11	-3.241E-13	-2.38E-03		
3	2.44444	MODAL	LinkModal	Mode	10	6.134E-11	-3.241E-13	-2.38E-03		
3	2.83333	MODAL	LinkModal	Mode	10	6.134E-11	-3.241E-13	-2.38E-03		
3	3.42222	MODAL	LinkModal	Mode	10	6.134E-11	-3.241E-13	-2.38E-03		
3	3.91111	MODAL	LinkModal	Mode	10	6.134E-11	-3.241E-13	-2.38E-03		
3	4.4	MODAL	LinkModal	Mode	10	6.134E-11	-3.241E-13	-2.38E-03		
3	4.8E-268	MODAL	LinkModal	Mode	10	6.134E-11	-3.241E-13	-2.38E-03		
3	5.37778	MODAL	LinkModal	Mode	10	6.134E-11	-3.241E-13	-2.38E-03		
3	5.96667	MODAL	LinkModal	Mode	10	6.134E-11	-3.241E-13	-2.38E-03		
3	6.35556	MODAL	LinkModal	Mode	10	6.134E-11	-3.241E-13	-2.38E-03		
3	6.84444	MODAL	LinkModal	Mode	10	6.134E-11	-3.241E-13	-2.38E-03		
3	7.3E-323	MODAL	LinkModal	Mode	10	6.134E-11	-3.241E-13	-2.38E-03		
3	7.82222	MODAL	LinkModal	Mode	10	6.134E-11	-3.241E-13	-2.38E-03		
3	8.31111	MODAL	LinkModal	Mode	10	6.134E-11	-3.241E-13	-2.38E-03		
3	8.8	MODAL	LinkModal	Mode	10	6.134E-11	-3.241E-13	-2.38E-03		
3	9.	MODAL	LinkModal	Mode	11	1.517	-7947.458	-4.889E-12		
3	9.47778	MODAL	LinkModal	Mode	11	1.517	-7947.458	-4.889E-12		
3	9.97778	MODAL	LinkModal	Mode	11	1.517	-7947.458	-4.889E-12		
3	1.4E6-37	MODAL	LinkModal	Mode	11	1.517	-7947.458	-4.889E-12		
3	1.95556	MODAL	LinkModal	Mode	11	1.517	-7947.458	-4.889E-12		
3	2.44444	MODAL	LinkModal	Mode	11	1.517	-7947.458	-4.889E-12		
3	2.8E-333	MODAL	LinkModal	Mode	11	1.517	-7947.458	-4.889E-12		
3	3.42222	MODAL	LinkModal	Mode	11	1.517	-7947.458	-4.889E-12		
3	3.91111	MODAL	LinkModal	Mode	11	1.517	-7947.458	-4.889E-12		
3	4.4	MODAL	LinkModal	Mode	11	1.517	-7947.458	-4.889E-12		
3	4.88889	MODAL	LinkModal	Mode	11	1.517	-7947.458	-4.889E-12		
3	5.37778	MODAL	LinkModal	Mode	11	1.517	-7947.458	-4.889E-12		
3	5.98887	MODAL	LinkModal	Mode	11	1.517	-7947.458	-4.889E-12		
3	6.35556	MODAL	LinkModal	Mode	11	1.517	-7947.458	-4.889E-12		
3	6.84444	MODAL	LinkModal	Mode	11	1.517	-7947.458	-4.889E-12		
3	7.3E-323	MODAL	LinkModal	Mode	11	1.517	-7947.458	-4.889E-12		
3	7.82222	MODAL	LinkModal	Mode	11	1.517	-7947.458	-4.889E-12		
3	8.31111	MODAL	LinkModal	Mode	11	1.517	-7947.458	-4.889E-12		
3	8.8	MODAL	LinkModal	Mode	11	1.517	-7947.458	-4.889E-12		
3	9.	MODAL	LinkModal	Mode	12	6.183E-12	4.707E-12	-979E-391		
3	9.48887	MODAL	LinkModal	Mode	12	6.183E-12	4.707E-12	-979E-391		
3	9.97778	MODAL	LinkModal	Mode	12	6.183E-12	4.707E-12	-979E-391		
3	1.4E7-37	MODAL	LinkModal	Mode	12	6.183E-12	4.707E-12	-979E-391		
3	1.85556	MODAL	LinkModal	Mode	12	6.183E-12	4.707E-12	-979E-391		

Frame	Station	OutputCase	CaseType	StopType	StopNum	P	Q	R	S	T	U	V	W	X	Y	Z
	m					KN	KN	KN	KN	KN	KN	KN	KN	KN	KN	KN
6	0	MODAL	LinModal	Mode	11	-4430.877	-138537.056	6.772E-12								
6	0.48	MODAL	LinModal	Mode	11	-4430.877	-138537.056	6.772E-12								
6	0.98	MODAL	LinModal	Mode	11	-4430.877	-138537.056	6.772E-12								
6	1.47	MODAL	LinModal	Mode	11	-4430.877	-138537.056	6.772E-12								
6	0	MODAL	LinModal	Mode	12	-5.415E-10	2.311E-11	-205936.84								
6	0.48	MODAL	LinModal	Mode	12	-5.415E-10	2.311E-11	-205936.84								
6	0.98	MODAL	LinModal	Mode	12	-5.415E-10	2.311E-11	-205936.84								
6	1.47	MODAL	LinModal	Mode	12	-5.415E-10	2.311E-11	-205936.84								
6	0	LIVE	LinStatic			74.106	24.458	0								
6	0.48	LIVE	LinStatic			74.106	24.458	0								
6	0.98	LIVE	LinStatic			74.106	24.458	0								
6	1.47	LIVE	LinStatic			74.106	24.458	0								
6	0.48	DCON1	Combination			58.277	29.290	0								
6	0.98	DCON1	Combination			58.277	29.290	0								
6	1.47	DCON1	Combination			58.277	29.290	0								
7	0	DEAD	LinStatic			-1.02	-85.88	0								
7	0.48	DEAD	LinStatic			-1.02	-85.88	0								
7	0.98	DEAD	LinStatic			-1.02	-85.88	0								
7	1.47	DEAD	LinStatic			-1.02	-85.88	0								
7	0	MODAL	LinModal	Mode	1	3.713E-07	8.558E-10	-115.05								
7	0.48	MODAL	LinModal	Mode	1	3.713E-07	8.558E-10	-115.05								
7	0.98	MODAL	LinModal	Mode	1	3.713E-07	8.558E-10	-115.05								
7	1.47	MODAL	LinModal	Mode	1	3.713E-07	8.558E-10	-115.05								
7	0	MODAL	LinModal	Mode	2	-544.501	-2111.018	1.871E-07								
7	0.48	MODAL	LinModal	Mode	2	-544.501	-2111.018	1.871E-07								
7	0.98	MODAL	LinModal	Mode	2	-544.501	-2111.018	1.871E-07								
7	1.47	MODAL	LinModal	Mode	2	-544.501	-2111.018	1.871E-07								
7	0	MODAL	LinModal	Mode	3	-3.991E-05	-8.973E-08	1453.282								
7	0.48	MODAL	LinModal	Mode	3	-3.991E-05	-8.973E-08	1453.282								
7	0.98	MODAL	LinModal	Mode	3	-3.991E-05	-8.973E-08	1453.282								
7	1.47	MODAL	LinModal	Mode	3	-3.991E-05	-8.973E-08	1453.282								
7	0	MODAL	LinModal	Mode	4	2.805E-07	1454.570	9.580E-14								
7	0.48	MODAL	LinModal	Mode	4	2.805E-07	1454.570	9.580E-14								
7	0.98	MODAL	LinModal	Mode	4	2.805E-07	1454.570	9.580E-14								
7	1.47	MODAL	LinModal	Mode	4	2.805E-07	1454.570	9.580E-14								
7	0	MODAL	LinModal	Mode	5	-1.198E-04	-2520.125	2.078E-13								
7	0.48	MODAL	LinModal	Mode	5	-1.198E-04	-2520.125	2.078E-13								
7	0.98	MODAL	LinModal	Mode	5	-1.198E-04	-2520.125	2.078E-13								
7	1.47	MODAL	LinModal	Mode	5	-1.198E-04	-2520.125	2.078E-13								
7	0	MODAL	LinModal	Mode	6	6.291E-12	2.548E-12	830.81								
7	0.48	MODAL	LinModal	Mode	6	6.291E-12	2.548E-12	830.81								
7	0.98	MODAL	LinModal	Mode	6	6.291E-12	2.548E-12	830.81								
7	1.47	MODAL	LinModal	Mode	6	6.291E-12	2.548E-12	830.81								
7	0	MODAL	LinModal	Mode	7	-5.942E-12	5.311E-13	4363.071								
7	0.48	MODAL	LinModal	Mode	7	-5.942E-12	5.311E-13	4363.071								
7	0.98	MODAL	LinModal	Mode	7	-5.942E-12	5.311E-13	4363.071								
7	1.47	MODAL	LinModal	Mode	7	-5.942E-12	5.311E-13	4363.071								
7	0	MODAL	LinModal	Mode	8	887.798	7394.782	-1.615E-13								
7	0.48	MODAL	LinModal	Mode	8	887.798	7394.782	-1.615E-13								
7	0.98	MODAL	LinModal	Mode	8	887.798	7394.782	-1.615E-13								
7	1.47	MODAL	LinModal	Mode	8	887.798	7394.782	-1.615E-13								
7	0	MODAL	LinModal	Mode	9	-16420.627	-14810.185	2.867E-11								
7	0.48	MODAL	LinModal	Mode	9	-16420.627	-14810.185	2.867E-11								

Frame	Station	OutputCase	CaseType	StopType	StopNum	P	Q	R	S	T	U	V	W	X	Y	Z
	m					KN	KN	KN	KN	KN	KN	KN	KN	KN	KN	KN
7	0.88	MODAL	LinModal	Mode	9	-16420.627	-14810.185	2.867E-11								
7	1.47	MODAL	LinModal	Mode	9	-16420.627	-14810.185	2.867E-11								
7	0	MODAL	LinModal	Mode	10	3.409E-12	-1.227E-12	-18804.319								
7	0.88	MODAL	LinModal	Mode	10	3.409E-12	-1.227E-12	-18804.319								
7	1.47	MODAL	LinModal	Mode	10	3.409E-12	-1.227E-12	-18804.319								
7	0	MODAL	LinModal	Mode	11	4.183E-10	-3.409E-11	-292974.631								
7	0.88	MODAL	LinModal	Mode	11	4.183E-10	-3.409E-11	-292974.631								
7	1.47	MODAL	LinModal	Mode	11	4.183E-10	-3.409E-11	-292974.631								
7	0	MODAL	LinModal	Mode	12	4.183E-10	-3.409E-11	-292974.631								
7	0.88	MODAL	LinModal	Mode	12	4.183E-10	-3.409E-11	-292974.631								
7	1.47	MODAL	LinModal	Mode	12	4.183E-10	-3.409E-11	-292974.631								
7	0	LIVE	LinStatic			74.107	-53.288	0								
7	0.88	LIVE	LinStatic			74.107	-53.288	0								
7	1.47	LIVE	LinStatic			74.107	-53.288	0								
7	0	DCON1	Combination			58.288	-22.855	0								
7	0.88	DCON1	Combination			58.288	-22.855	0								
7	1.47	DCON1	Combination			58.288	-22.855	0								
7	0	DEAD	LinStatic			-1.023	-208.114	0								
7	0.88	DEAD	LinStatic			-1.023	-208.114	0								
7	1.47	DEAD	LinStatic			-1.023	-208.114	0								
7	0	MODAL	LinModal	Mode	1	3.018E-07	-5.372E-10	-394.227								
7	0.88	MODAL	LinModal	Mode	1	3.018E-07	-5.372E-10	-394.227								
7	1.47	MODAL	LinModal	Mode	1	3.018E-07	-5.372E-10	-394.227								
7	0	MODAL	LinModal	Mode	2	-1830.63	-1385.554	-1.144E-07								
7	0.88	MODAL	LinModal	Mode	2	-1830.63	-1385.554	-1.144E-07								
7	1.47	MODAL	LinModal	Mode	2	-1830.63	-1385.554	-1.144E-07								
7	0	MODAL	LinModal	Mode	3	1.072E-05	2.448E-08	753.713								
7	0.88	MODAL	LinModal	Mode	3	1.072E-05	2.448E-08	753.713								
7	1.47	MODAL	LinModal	Mode	3	1.072E-05	2.448E-08	753.713								
7	0	MODAL	LinModal	Mode	4	2485.919	4684.823	8.497E-14								
7	0.88	MODAL	LinModal	Mode	4	2485.919	4684.823	8.497E-14								
7	1.47	MODAL	LinModal	Mode	4	2485.919	4684.823	8.497E-14								
7	0	MODAL	LinModal	Mode	5	-357.358	-4101.678	1.410E-13								
7	0.88	MODAL	LinModal	Mode	5	-357.358	-4101.678	1.410E-13								
7	1.47	MODAL	LinModal	Mode	5	-357.358	-4101.678	1.410E-13								
7	0	MODAL	LinModal	Mode	6	-2.249E-12	-8.338E-13	1.204E-02								
7	0.88	MODAL	LinModal	Mode	6	-2.249E-12	-8.338E-13	1.204E-02								
7	1.47	MODAL	LinModal	Mode	6	-2.249E-12	-8.338E-13	1.204E-02								
7	0	MODAL	LinModal	Mode	7	3.079E-12	5.804E-13	4481.498								
7	0.88	MODAL	LinModal	Mode	7	3.079E-12	5.804E-13	4481.498								
7	1.47	MODAL	LinModal	Mode	7	3.079E-12	5.804E-13	4481.498								

Table: Element Forces - Frames, Part 1 of 3																
Frame	Station m	OutputCase	CaseType	StopType	StopNum	P KN	Q KN	R KN	S KN	T KN	U KN	V KN	W KN	X KN	Y KN	Z KN
8	0	MODAL	LinModal	Mode	8	1916.72	7110.292	-3.542E-13								
8	0.48	MODAL	LinModal	Mode	8	1916.72	7110.292	-3.542E-13								
8	0.98	MODAL	LinModal	Mode	8	1916.72	7110.292	-3.542E-13								
8	1.47	MODAL	LinModal	Mode	8	1916.72	7110.292	-3.542E-13								
8	0	MODAL	LinModal	Mode	9	-18317.408	-3723.978	-1.868E-12								
8	0.48	MODAL	LinModal	Mode	9	-18317.408	-3723.978	-1.868E-12								
8	1.47	MODAL	LinModal	Mode	9	-18317.408	-3723.978	-1.868E-12								
8	0	MODAL	LinModal	Mode	10	1.658E-12	-1.100E-12	-4.202E-02								
8	0.48	MODAL	LinModal	Mode	10	1.658E-12	-1.100E-12	-4.202E-02								
8	0.98	MODAL	LinModal	Mode	10	1.658E-12	-1.100E-12	-4.202E-02								
8	1.47	MODAL	LinModal	Mode	10	1.658E-12	-1.100E-12	-4.202E-02								
8	0	MODAL	LinModal	Mode	11	13.32E-14	39012.65	3.515E-12								
8	0.48	MODAL	LinModal	Mode	11	13.32E-14	39012.65	3.515E-12								
8	0.98	MODAL	LinModal	Mode	11	13.32E-14	39012.65	3.515E-12								
8	1.47	MODAL	LinModal	Mode	11	13.32E-14	39012.65	3.515E-12								
8	0	MODAL	LinModal	Mode	12	-4.200E-10	-3.147E-11	31481.068								
8	0.48	MODAL	LinModal	Mode	12	-4.200E-10	-3.147E-11	31481.068								
8	0.98	MODAL	LinModal	Mode	12	-4.200E-10	-3.147E-11	31481.068								
8	1.47	MODAL	LinModal	Mode	12	-4.200E-10	-3.147E-11	31481.068								
8	0	LIVE	LinStatic			74.281	-147.720	0								
8	0.48	LIVE	LinStatic			74.281	-139.53	0								
8	0.98	LIVE	LinStatic			74.281	-129.283	0								
8	1.47	LIVE	LinStatic			74.281	-120.058	0								
8	0	DOONI	Combination			86.033	-481.749	0								
8	0.48	DOONI	Combination			89.033	-425.098	0								
8	0.98	DOONI	Combination			90.033	-36.406	0								
8	1.47	DOONI	Combination			93.033	-31.715	0								
8	0	DEAD	LinStatic			-1.031	-395.615	0								
8	0.48333	DEAD	LinStatic			-1.031	-437.204	0								
8	0.98667	DEAD	LinStatic			-1.031	-304.892	0								
8	1.45	DEAD	LinStatic			-1.031	-272.681	0								
8	0	MODAL	LinModal	Mode	1	-6.332E-07	1.232E-09	-785.895								
8	0.48333	MODAL	LinModal	Mode	1	-6.332E-07	1.232E-09	-785.895								
8	0.98667	MODAL	LinModal	Mode	1	-6.332E-07	1.232E-09	-785.895								
8	1.45	MODAL	LinModal	Mode	1	-6.332E-07	1.232E-09	-785.895								
8	0	MODAL	LinModal	Mode	2	-2722.994	397.709	3.377E-08								
8	0.48333	MODAL	LinModal	Mode	2	-2722.994	397.709	3.377E-08								
8	0.73667	MODAL	LinModal	Mode	2	-2722.994	397.709	3.377E-08								
8	1.45	MODAL	LinModal	Mode	2	-2722.994	397.709	3.377E-08								
8	0	MODAL	LinModal	Mode	3	1.687E-05	-5.803E-09	-799.688								
8	0.48713	MODAL	LinModal	Mode	3	1.687E-05	-5.803E-09	-799.688								
8	0.96667	MODAL	LinModal	Mode	3	1.687E-05	-5.803E-09	-799.688								
8	1.45	MODAL	LinModal	Mode	3	1.687E-05	-5.803E-09	-799.688								
8	0	MODAL	LinModal	Mode	4	2472.437	7868.524	-3.130E-14								
8	0.48333	MODAL	LinModal	Mode	4	2472.437	7868.524	-3.130E-14								
8	0.96737	MODAL	LinModal	Mode	4	2472.437	7868.524	-3.130E-14								
8	1.45	MODAL	LinModal	Mode	4	2472.437	7868.524	-3.130E-14								
8	0	MODAL	LinModal	Mode	5	-5947.806	-7108.079	2.582E-13								
8	0.48333	MODAL	LinModal	Mode	5	-5947.806	-7108.079	2.582E-13								
8	0.96667	MODAL	LinModal	Mode	5	-5947.806	-7108.079	2.582E-13								
8	1.45	MODAL	LinModal	Mode	5	-5947.806	-7108.079	2.582E-13								
8	0	MODAL	LinModal	Mode	6	-8.835E-12	3.154E-10	4.571.725								
8	0.48333	MODAL	LinModal	Mode	6	-8.835E-12	3.154E-10	4.571.725								

Table: Element Forces - Frames, Part 2 of 3												
Frame	Node	OutputCase	StepType	StepNum	Y	U	V	W	FX	FY	FZ	FrameElem
1	2,15497	MODAL	Mode	4	2,118E-13	4,599E-14	-4,208E-14	1,1				
1	4,30994	MODAL	Mode	4	2,118E-13	3,444E-13	-1,004E-13	1,1				
1	0	MODAL	Mode	5	1,862E-13	-1,103E-13	1,403,797E-13	1,1				
1	2,15497	MODAL	Mode	5	1,862E-13	-1,470E-13	-978,853E-13	1,1				
1	4,30994	MODAL	Mode	5	1,862E-13	2,232E-14	-1,516E-14	1,1				
1	0	MODAL	Mode	6	-1,852,018E-17	1,42,612E-17	2,817E-13	1,1				
1	2,15497	MODAL	Mode	6	-1,852,018E-17	-3,404,100E-17	-7,801E-13	1,1				
1	4,30994	MODAL	Mode	6	-1,852,018E-17	-8,950,814E-17	-1,782E-12	1,1				
1	0	MODAL	Mode	7	10,139,833E-17	-1,325,167E-17	-2,317E-12	1,1				
1	2,15497	MODAL	Mode	7	10,139,833E-17	1,740,184E-17	3,812E-14	1,1				
1	4,30994	MODAL	Mode	7	10,139,833E-17	16,799,238E-17	2,391E-12	1,1				
1	0	MODAL	Mode	8	-5,817E-13	7,738E-13	-38,148,713E-13	1,1				
1	2,15497	MODAL	Mode	8	-5,817E-13	-2,412E-13	316,827E-13	1,1				
1	4,30994	MODAL	Mode	8	-5,817E-13	-1,258E-12	307,84,702E-13	1,1				
1	0	MODAL	Mode	9	-5,817E-12	1,501E-12	-6,33,455E-13	1,1				
1	2,15497	MODAL	Mode	9	-5,817E-12	-4,330E-12	2,521,5E-12	1,1				
1	4,30994	MODAL	Mode	9	-5,817E-12	-2,807E-12	5,967E,630E-13	1,1				
1	0	MODAL	Mode	10	2,060,154E-12	7,907E-12	1,001E-12	1,1				
1	2,15497	MODAL	Mode	10	2,060,154E-12	2,611,631E-12	1,079E-13	1,1				
1	4,30994	MODAL	Mode	10	2,060,154E-12	8,733,389E-12	2,617E-12	1,1				
1	0	MODAL	Mode	11	2,050E-11	-2,704E-11	-3,499,9,825E-11	1,1				
1	2,15497	MODAL	Mode	11	2,050E-11	3,699E-12	4,383E-14	1,1				
1	4,30994	MODAL	Mode	11	2,050E-11	3,475E-11	1,229,47,392E-11	1,1				
1	0	MODAL	Mode	12	4,223,346E-11	-8,924,853E-11	2,161E-11	1,1				
1	2,15497	MODAL	Mode	12	4,223,346E-11	518,239E-11	-2,172E-12	1,1				
1	4,30994	MODAL	Mode	12	4,223,346E-11	7,781,128E-11	-2,175E-11	1,1				
1	0	LIVE			0	0	5,44,650E-11	1,1				
1	2,15497	LIVE			0	0	3,81,205E-11	1,1				
1	4,30994	LIVE			0	0	218,053E-11	1,1				
1	0	DOCN			0	0	11,92,014E-11	1,1				
1	2,15497	DOCN			0	0	314,994E-11	1,1				
1	4,30994	DOCN			0	0	597,313E-11	1,1				
2	0	DEAD			0	0	-208,551E-14	2,1				
2	2,15497	DEAD			0	0	-206,405E-14	2,1				
2	4,30994	DEAD			0	0	-284,159E-14	2,1				
2	0	MODAL	Mode	1	-2,81E-17	5,682,737E-17	1,447E-09	2,1				
2	2,15497	MODAL	Mode	1	-2,81E-17	2,843,004E-17	3,407E-10	2,1				
2	4,30994	MODAL	Mode	1	-2,81E-17	3,444E-17	-7,890E-10	2,1				
2	0	MODAL	Mode	2	5,919E-10	-1,483E-10	-7,818,547E-10	2,1				
2	2,15497	MODAL	Mode	2	5,919E-10	-3,820E-12	83,175E-10	2,1				
2	4,30994	MODAL	Mode	2	5,919E-10	1,409E-10	8,653,036E-10	2,1				
2	0	MODAL	Mode	3	4,959,801E-10	7,943,197E-10	4,210E-08	2,1				
2	2,15497	MODAL	Mode	3	4,959,801E-10	917,392E-10	-1,830E-08	2,1				
2	4,30994	MODAL	Mode	3	4,959,801E-10	-8,014,474E-10	2,880E-08	2,1				
2	0	MODAL	Mode	4	2,124E-13	3,580E-13	8,770,069E-10	2,1				
2	2,15497	MODAL	Mode	4	2,294E-13	3,281E-14	4,53,261E-10	2,1				
2	4,30994	MODAL	Mode	4	2,294E-13	-2,624E-13	-936,383E-10	2,1				
2	0	MODAL	Mode	5	2,889E-13	7,818E-13	-1,540,17E-10	2,1				
2	2,15497	MODAL	Mode	5	2,889E-13	2,327E-13	4,72,890E-10	2,1				
2	4,30994	MODAL	Mode	5	2,889E-13	-1,163E-13	1,405E,789E-10	2,1				
2	0	MODAL	Mode	6	1,834,161E-10	6,605,900E-10	-1,811E-12	2,1				
2	2,15497	MODAL	Mode	6	1,834,161E-10	-3,74,058E-10	-7,77E-13	2,1				
2	4,30994	MODAL	Mode	6	1,834,161E-10	1,42,612E-10	2,529E-13	2,1				
2	0	MODAL	Mode	7	10,155,096E-10	16,80,252E-10	2,369E-12	2,1				

Table: Element Forces - Frames, Part 2 of 3												
Frame	Node	OutputCase	StepType	StepNum	Y	U	V	W	FX	FY	FZ	FrameElem
					10-IN	10-IN	10-IN					
2	2,15497	MODAL	Mode	7	10155,096E-10	1822,182E-10	3,839E-14	2,1				
2	4,30994	MODAL	Mode	7	10155,096E-10	-1325,167E-10	-2,315E-12	2,1				
2	0	MODAL	Mode	8	-8,088E-13	-7,072E-13	3080,4517E-13	2,1				
2	2,15497	MODAL	Mode	8	-8,088E-13	3,289E-14	328,918E-13	2,1				
2	4,30994	MODAL	Mode	8	-8,088E-13	7,738E-13	-30146,979E-13	2,1				
2	0	MODAL	Mode	9	-4,722E-12	-1,442E-12	-8958,778E-13	2,1				
2	2,15497	MODAL	Mode	9	-4,722E-12	2,811E-14	-2743,8631E-13	2,1				
2	4,30994	MODAL	Mode	9	-4,722E-12	1,501E-12	6902,049E-13	2,1				
2	0	MODAL	Mode	10	-20580,705E-11	-5787,111E-11	1,34E-13	2,1				
2	2,15497	MODAL	Mode	10	-20580,705E-11	-2878,721E-11	-4,436E-13	2,1				
2	4,30994	MODAL	Mode	10	-20580,705E-11	7,727E-11	1,857E-12	2,1				
2	0	MODAL	Mode	11	2,059E-11	3,431E-11	12242,943E-11	2,1				
2	2,15497	MODAL	Mode	11	2,059E-11	3,330E-12	45,37,205E-11	2,1				
2	4,30994	MODAL	Mode	11	2,059E-11	-2,704E-11	-3498,824E-11	2,1				
2	0	MODAL	Mode	12	42932,891E-11	7780,969E-11	-1,438E-11	2,1				
2	2,15497	MODAL	Mode	12	42932,891E-11	87,631E-11	2,578E-12	2,1				
2	4,30994	MODAL	Mode	12	42932,891E-11	-6124,663E-11	1,567E-11	2,1				
2	0	LIVE			0	0	-218,168E-11	2,1				
2	2,15497	LIVE			0	0	-3,81,413E-11	2,1				
2	4,30994	LIVE			0	0	-4,44,684E-11	2,1				
2	0	DOCN			0	0	-587,704E-11	2,1				
2	2,15497	DOCN			0	0	-515,058E-11	2,1				
2	4,30994	DOCN			0	0	-1,132,465E-11	2,1				
2	0	DEAD			0	0	-294,158E-11	2,1				
2	2,15497	DEAD			0	0	-150,018E-11	2,1				
2	4,30994	DEAD			0	0	-34,139E-11	2,1				
2	0	MODAL	Mode	1	1,467E-10	DEAD	0	0	71,508E-11	3,1		
2	2,15497	MODAL	Mode	1	1,858E-10	DEAD	0	0	190,888E-11	3,1		
2	4,30994	MODAL	Mode	1	2,444E-10	DEAD	0	0	234,034E-11	3,1		
2	0	MODAL	Mode	2	2,933E-10	DEAD	0	0	290,921E-11	3,1		
2	2,15497	MODAL	Mode	2	3,422E-10	DEAD	0	0	331,567E-11	3,1		
2	4,30994	MODAL	Mode	2	3,911E-10	DEAD	0	0	366,949E-11	3,1		
2	0	MODAL	Mode	3	4,4	DEAD	0	0	394,078E-11	3,1		
2	2,15497	MODAL	Mode	3	4,88E-10	DEAD	0	0	366,537E-11	3,1		
2	4,30994	MODAL	Mode	3	5,377E-10	DEAD	0	0	331,807E-11	3,1		
2	0	MODAL	Mode	4	5,868E-10	DEAD	0	0	296,515E-11	3,1		
2	2,15497	MODAL	Mode	4	6,344E-10	DEAD	0	0	234,114E-11	3,1		
2	4,30994	MODAL	Mode	4	6,844E-10	DEAD	0	0	160,907E-11	3,1		
2	0	MODAL	Mode	5	7,333E-10	DEAD	0	0	71,829E-11	3,1		
2	2,15497	MODAL	Mode	5	7,822E-10	DEAD	0	0	-33,9E-11	3,1		
2	4,30994	MODAL	Mode	5	8,311E-10	DEAD	0	0	-155,85E-11	3,1		
2	0	MODAL	Mode	6	8,8	DEAD	0	0	273,878E-11	3,1		
2	2,15497	MODAL	Mode	6	9,488E-10	MODAL	1	3,47E-10	288,771E-10	3,1		
2	4,30994	MODAL	Mode	6	1,007E-10	MODAL	1	3,44E-10	288,417E-10	3,1		
2	0	MODAL	Mode	7	1,007E-10	MODAL	1	3,44E-10	288,054E-10	3,1		
2	2,15497	MODAL	Mode	7	1,007E-10	MODAL	1	3,44E-10	287,702E-10	3,1		
2	4,30994	MODAL	Mode	7	1,007E-10	MODAL	1	3,44E-10	287,369E-10	3,1		
2	0	MODAL	Mode	8	1,007E-10	MODAL	1	3,44E-10	287,036E-10	3,1		
2	2,15497	MODAL	Mode	8	1,007E-10	MODAL	1	3,44E-10	286,703E-10	3,1		
2	4,30994	MODAL	Mode	8	1,007E-10	MODAL	1	3,44E-10	286,370E-10	3,1		
2	0	MODAL	Mode	9	1,007E-10	MODAL	1	3,44E-10	286,037E-10	3,1		
2	2,15497	MODAL	Mode	9	1,007E-10	MODAL	1	3,44E-10	285,704E-10	3,1		
2	4,30994	MODAL	Mode	9	1,007E-10	MODAL	1	3,44E-10	285,371E-10	3,1		
2	0	MODAL	Mode	10	1,007E-10	MODAL	1	3,44E-10	285,038E-10	3,1		
2	2,15497	MODAL	Mode	10	1,007E-10	MODAL	1	3,44E-10	284,705E-10	3,1		
2	4,30994	MODAL	Mode	10	1,007E-10	MODAL	1	3,44E-10	284,372E-10	3,1		
2	0	MODAL	Mode	11	1,007E-10	MODAL	1	3,44E-10	284,039E-10	3,1		
2	2,15497	MODAL	Mode	11	1,007E-10	MODAL	1	3,44E-10	283,706E-10	3,1		
2	4,30994	MODAL	Mode	11	1,007E-10	MODAL	1	3,44E-10	283,373E-10	3,1		
2	0	MODAL	Mode	12	1,007E-10	MODAL	1	3,44E-10	283,040E-10	3,1		
2	2,15497	MODAL	Mode	12	1,007E-10	MODAL	1	3,44E-10	282,707E-10	3,1		
2	4,30994	MODAL	Mode	12	1,007E-10	MODAL	1	3,44E-10	282,374E-10	3,1		

Table: Element Forces - Frames, Part 2 of 3										
Frame	Station	OutputCase	ElementType	StepNumber	Force	My	Mz	Force	My	Mz
3	2.03333	MODAL	Mode	7	-13215.0671	-3560.1197	-7.710E-13	3-1		
3	3.42222	MODAL	Mode	7	-13215.0671	-3283.8036	-5.137E-13	3-1		
3	5.81111	MODAL	Mode	7	-13215.0671	-1135.1275	-2.054E-13	3-1		
3	4.4	MODAL	Mode	7	-13215.0671	-7.8314	8.643E-18	3-1		
3	4.88889	MODAL	Mode	7	-13215.0671	1110.6747	2.583E-13	3-1		
3	5.37778	MODAL	Mode	7	-13215.0671	2247.3609	5.105E-13	3-1		
3	5.86667	MODAL	Mode	7	-13215.0671	3374.857	7.728E-13	3-1		
3	6.35556	MODAL	Mode	7	-13215.0671	4502.2651	1.030E-12	3-1		
3	6.84444	MODAL	Mode	7	-13215.0671	5629.6498	1.284E-12	3-1		
3	7.33333	MODAL	Mode	7	-13215.0671	6757.3453	1.545E-12	3-1		
3	7.82222	MODAL	Mode	7	-13215.0671	7884.8416	1.802E-12	3-1		
3	8.31111	MODAL	Mode	7	-13215.0671	9012.3378	2.060E-12	3-1		
3	8.8	MODAL	Mode	7	-13215.0671	10139.8337	2.317E-12	3-1		
3	0	MODAL	Mode	8	7.738E-13	6.089E-13	-20146.789	3-1		
3	0.48889	MODAL	Mode	8	7.738E-13	5.472E-13	-25797.3453	3-1		
3	0.97778	MODAL	Mode	8	7.738E-13	4.785E-13	-23447.7018	3-1		
3	1.46667	MODAL	Mode	8	7.738E-13	4.105E-13	-20068.1977	3-1		
3	1.95556	MODAL	Mode	8	7.738E-13	3.443E-13	-16745.6038	3-1		
3	2.44444	MODAL	Mode	8	7.738E-13	2.782E-13	-13253.0068	3-1		
3	2.93333	MODAL	Mode	8	7.738E-13	2.120E-13	-10049.4155	3-1		
3	3.42222	MODAL	Mode	8	7.738E-13	1.459E-13	-6699.5214	3-1		
3	3.91111	MODAL	Mode	8	7.738E-13	7.974E-14	-3350.2274	3-1		
3	4.4	MODAL	Mode	8	7.738E-13	1.359E-14	-0.5338	3-1		
3	4.88889	MODAL	Mode	8	7.738E-13	-2.556E-14	3348.6906	3-1		
3	5.37778	MODAL	Mode	8	7.738E-13	-1.187E-13	9889.5548	3-1		
3	5.86667	MODAL	Mode	8	7.738E-13	-1.548E-13	10073.7489	3-1		
3	6.35556	MODAL	Mode	8	7.738E-13	-2.210E-13	13097.749	3-1		
3	6.84444	MODAL	Mode	8	7.738E-13	-3.111E-13	16747.337	3-1		
3	7.33333	MODAL	Mode	8	7.738E-13	-3.833E-13	20095.8511	3-1		
3	7.82222	MODAL	Mode	8	7.738E-13	-4.484E-13	23446.5251	3-1		
3	8.31111	MODAL	Mode	8	7.738E-13	-5.168E-13	26796.1182	3-1		
3	8.8	MODAL	Mode	8	7.738E-13	-5.817E-13	30145.7133	3-1		
3	0	MODAL	Mode	9	1.501E-12	4.722E-12	8862.9497	3-1		
3	0.48889	MODAL	Mode	9	1.501E-12	4.071E-12	8683.7949	3-1		
3	0.97778	MODAL	Mode	9	1.501E-12	3.421E-12	8485.5402	3-1		
3	1.46667	MODAL	Mode	9	1.501E-12	2.770E-12	8207.2854	3-1		
3	1.95556	MODAL	Mode	9	1.501E-12	2.120E-12	8008.0306	3-1		
3	2.44444	MODAL	Mode	9	1.501E-12	1.470E-12	8510.7738	3-1		
3	2.93333	MODAL	Mode	9	1.501E-12	8.191E-13	8812.521	3-1		
3	3.42222	MODAL	Mode	9	1.501E-12	1.385E-13	8014.2612	3-1		
3	3.91111	MODAL	Mode	9	1.501E-12	-8.191E-13	5116.0114	3-1		
3	4.4	MODAL	Mode	9	1.501E-12	-1.132E-12	6517.7698	3-1		
3	4.88889	MODAL	Mode	9	1.501E-12	-1.783E-12	6519.5019	3-1		
3	5.37778	MODAL	Mode	9	1.501E-12	-2.433E-12	6521.2471	3-1		
3	5.86667	MODAL	Mode	9	1.501E-12	-3.084E-12	6522.9923	3-1		
3	6.35556	MODAL	Mode	9	1.501E-12	-3.734E-12	6524.7375	3-1		
3	6.84444	MODAL	Mode	9	1.501E-12	-4.385E-12	6526.4827	3-1		
3	7.33333	MODAL	Mode	9	1.501E-12	-5.035E-12	6528.2278	3-1		
3	7.82222	MODAL	Mode	9	1.501E-12	-5.685E-12	6529.9731	3-1		
3	8.31111	MODAL	Mode	9	1.501E-12	-6.335E-12	6531.7183	3-1		
3	8.8	MODAL	Mode	9	1.501E-12	-6.985E-12	6533.4635	3-1		
3	0	MODAL	Mode	10	7.6871	20590.708	-1.54E-12	3-1		
3	0.48889	MODAL	Mode	10	7.6871	20581.6611	-1.803E-12	3-1		
3	0.97778	MODAL	Mode	10	7.6771	20583.0171	-1.54E-12	3-1		

Table: Element Forces - Frames, Part 2 of 3										
Frame	Station	OutputCase	ElementType	StepNumber	Force	My	Mz	Force	My	Mz
3	1.46667	MODAL	Mode	10	7.6871	20584.1732	-1.376E-12	3-1		
3	1.95556	MODAL	Mode	10	7.6871	20585.3293	-1.217E-12	3-1		
3	2.44444	MODAL	Mode	10	7.6871	20586.4853	-1.059E-12	3-1		
3	2.93333	MODAL	Mode	10	7.6871	20587.6414	-9.003E-13	3-1		
3	3.42222	MODAL	Mode	10	7.6871	20588.7975	-7.419E-13	3-1		
3	3.91111	MODAL	Mode	10	7.6871	20589.9536	-5.834E-13	3-1		
3	4.4	MODAL	Mode	10	7.6871	20591.1098	-4.249E-13	3-1		
3	4.88889	MODAL	Mode	10	7.6871	20592.2657	-2.665E-13	3-1		
3	5.37778	MODAL	Mode	10	7.6871	20593.4217	-1.080E-13	3-1		
3	5.86667	MODAL	Mode	10	7.6871	20594.5777	5.044E-14	3-1		
3	6.35556	MODAL	Mode	10	7.6871	20595.7338	2.088E-13	3-1		
3	6.84444	MODAL	Mode	10	7.6871	20596.8899	3.874E-13	3-1		
3	7.33333	MODAL	Mode	10	7.6871	20598.0458	5.719E-13	3-1		
3	7.82222	MODAL	Mode	10	7.6871	20599.2021	6.843E-13	3-1		
3	8.31111	MODAL	Mode	10	7.6871	20600.3581	8.427E-13	3-1		
3	8.8	MODAL	Mode	10	7.6871	20601.5142	1.001E-12	3-1		
3	0	MODAL	Mode	11	-2.704E-11	-2.599E-11	-34958.5324	3-1		
3	0.48889	MODAL	Mode	11	-2.704E-11	-1.831E-11	-31033.1094	3-1		
3	0.97778	MODAL	Mode	11	-2.704E-11	-1.802E-11	-27167.8683	3-1		
3	1.46667	MODAL	Mode	11	-2.704E-11	-1.374E-11	-23312.2633	3-1		
3	1.95556	MODAL	Mode	11	-2.704E-11	-1.145E-11	-19426.8402	3-1		
3	2.44444	MODAL	Mode	11	-2.704E-11	-8.179E-12	-15541.4172	3-1		
3	2.93333	MODAL	Mode	11	-2.704E-11	-6.880E-12	-11656.9041	3-1		
3	3.42222	MODAL	Mode	11	-2.704E-11	-4.613E-12	-7770.5711	3-1		
3	3.91111	MODAL	Mode	11	-2.704E-11	-3.315E-12	-3885.148	3-1		
3	4.4	MODAL	Mode	11	-2.704E-11	-4.735E-14	0.275	3-1		
3	4.88889	MODAL	Mode	11	-2.704E-11	2.235E-12	2158.51	3-1		
3	5.37778	MODAL	Mode	11	-2.704E-11	4.818E-12	7771.1211	3-1		
3	5.86667	MODAL	Mode	11	-2.704E-11	8.820E-12	11821.5442	3-1		
3	6.35556	MODAL	Mode	11	-2.704E-11	9.803E-12	13541.9573	3-1		
3	6.84444	MODAL	Mode	11	-2.704E-11	1.137E-11	15427.3003	3-1		
3	7.33333	MODAL	Mode	11	-2.704E-11	1.385E-11	23312.8134	3-1		
3	7.82222	MODAL	Mode	11	-2.704E-11	1.583E-11	27168.2354	3-1		
3	8.31111	MODAL	Mode	11	-2.704E-11	1.821E-11	31033.6896	3-1		
3	8.8	MODAL	Mode	11	-2.704E-11	2.059E-11	34958.9826	3-1		
3	0	MODAL	Mode	12	-6124.6536	-43332.2915	1.361E-11	3-1		
3	0.48889	MODAL	Mode	12	-6124.6536	-34163.1003	1.721E-11	3-1		
3	0.97778	MODAL	Mode	12	-6124.6536	-33383.3095	1.41E-11	3-1		
3	1.46667	MODAL	Mode	12	-6124.6536	-28623.5185	1.261E-11	3-1		
3	1.95556	MODAL	Mode	12	-6124.6536	-23883.7276	1.031E-11	3-1		
3	2.44444	MODAL	Mode	12	-6124.6536	-19083.9368	8.009E-12	3-1		
3	2.93333	MODAL	Mode	12	-6124.6536	-14514.1455	5.070E-12	3-1		
3	3.42222	MODAL	Mode	12	-6124.6536	-9544.3546	3.408E-12	3-1		
3	3.91111	MODAL	Mode	12	-6124.6536	-4774.5636	1.105E-12	3-1		
3	4.4	MODAL	Mode	12	-6124.6536	-4.7726	-1.197E-12	3-1		
3	4.88889	MODAL	Mode	12	-6124.6536	4756.0134	-3.485E-12	3-1		
3	5.37778	MODAL	Mode	12	-6124.6536	9534.8094	-6.709E-12	3-1		
3	5.86667	MODAL	Mode	12	-6124.6536	14304.0094	-9.100E-12	3-1		
3	6.35556	MODAL	Mode	12	-6124.6536	19074.3514	-1.040E-11	3-1		
3	6.84444	MODAL	Mode	12	-6124.6536	23844.1824	-1.270E-11	3-1		
3	7.33333	MODAL	Mode	12	-6124.6536	28613.9734	-1.500E-11	3-1		
3	7.82222	MODAL	Mode	12	-6124.6536	33383.7644	-1.731E-11	3-1		
3	8.31111	MODAL	Mode	12	-6124.6536	38153.5554	-1.861E-11	3-1		
3	8.8	MODAL	Mode	12	-6124.6536	42923.3464	-2.019E-11	3-1		

Table: Element Forces - Frames, Part 2 of 3										
Frame	Station	OutputCase	ElemType	StepType	Length	T	M2	M3	Precession	
	in				in-m		in-m	in-k		
3	0	LIVE			0	0	-544.8584	3-1		
3	0.48889	LIVE			0	0	-392.4543	3-1		
3	0.97778	LIVE			0	0	-161.3567	3-1		
3	1.46667	LIVE			0	0	6.5336	3-1		
3	1.95556	LIVE			0	0	171.5144	3-1		
3	2.44444	LIVE			0	0	328.2885	3-1		
3	2.93333	LIVE			0	0	476.4549	3-1		
3	3.42222	LIVE			0	0	615.8136	3-1		
3	3.91111	LIVE			0	0	743.8074	3-1		
3	4.4	LIVE			0	0	795.1076	3-1		
3	4.88889	LIVE			0	0	743.9075	3-1		
3	5.37778	LIVE			0	0	615.8378	3-1		
3	5.76667	LIVE			0	0	478.4912	3-1		
3	6.35556	LIVE			0	0	328.3366	3-1		
3	6.84444	LIVE			0	0	171.3748	3-1		
3	7.33333	LIVE			0	0	5.5895	3-1		
3	7.82222	LIVE			0	0	-168.9725	3-1		
3	8.31111	LIVE			0	0	-352.3577	3-1		
3	8.8	LIVE			0	0	-544.5906	3-1		
3	0	DCONI			0	0	-1132.4055	3-1		
3	0.48889	DCONI			0	0	-686.4398	3-1		
3	0.97778	DCONI			0	0	-274.3029	3-1		
3	1.46667	DCONI			0	0	104.0265	3-1		
3	1.95556	DCONI			0	0	448.4848	3-1		
3	2.44444	DCONI			0	0	759.1277	3-1		
3	2.93333	DCONI			0	0	1036.9578	3-1		
3	3.42222	DCONI			0	0	1276.8519	3-1		
3	3.91111	DCONI			0	0	1494.7827	3-1		
3	4.4	DCONI			0	0	1536.2851	3-1		
3	4.88889	DCONI			0	0	1484.8522	3-1		
3	5.37778	DCONI			0	0	1270.0382	3-1		
3	5.76667	DCONI			0	0	1035.0581	3-1		
3	6.35556	DCONI			0	0	714.3094	3-1		
3	6.84444	DCONI			0	0	445.702	3-1		
3	7.33333	DCONI			0	0	104.2139	3-1		
3	7.82222	DCONI			0	0	-275.9889	3-1		
3	8.31111	DCONI			0	0	-488.0924	3-1		
3	8.8	DCONI			0	0	-1132.0145	3-1		
4	0	DEAD			0	0	328.8813	4-1		
4	0.48	DEAD			0	0	169.2432	4-1		
4	0.98	DEAD			0	0	31.5744	4-1		
4	1.47	DEAD			0	0	-141.1462	4-1		
4	0	MODAL	Mode	1	3754.8704	384.8132	-2.278E-10	4-1		
4	0.49	MODAL	Mode	1	3754.8704	5.6474	-5.720E-11	4-1		
4	0.98	MODAL	Mode	1	3754.8704	-377.8204	1.133E-10	4-1		
4	1.47	MODAL	Mode	1	3754.8704	-703.8698	2.899E-10	4-1		
4	0	MODAL	Mode	2	1.869E-10	-3.762E-08	-5.635E-10	4-1		
4	0.49	MODAL	Mode	2	1.869E-10	2.672E-08	-6831.6272	4-1		
4	0.28	MODAL	Mode	2	1.885E-10	5.521E-08	-6823.2931	4-1		
4	1.47	MODAL	Mode	2	1.885E-10	8.470E-08	-7015.7591	4-1		
4	0	MODAL	Mode	3	-6271.1225	564.9483	3.820E-08	4-1		
4	0.49	MODAL	Mode	3	-6271.1225	4706.3616	3.790E-08	4-1		
4	0.98	MODAL	Mode	3	-6271.1225	4421.0792	-2.764E-08	4-1		
4	1.47	MODAL	Mode	3	-6271.1225	4805.6464	-5.590E-08	4-1		

Table: Element Forces - Frames, Part 2 of 3												
Frame	Station	OutputCase	StepType	StepNum	Y	U	U2	U3	U4	U5	U6	U7
m	m				KN-m	KN	KN	KN	KN	KN	KN	KN
5	0.98	MODAL	Mode	2	1.341E-10	-7.253E-08	-4689.355	5.1				
5	1.47	MODAL	Mode	2	1.751E-10	-1.518E-07	-3890.8017	5.1				
5	0	MODAL	Mode	3	-5428.2521	4077.0512	-5.032E-06	5.1				
5	0.49	MODAL	Mode	3	-3428.2521	3705.3414	-5.142E-09	5.1				
5	0.98	MODAL	Mode	3	-5428.2521	3533.0916	4.429E-06	5.1				
5	1.47	MODAL	Mode	3	-5428.2521	2860.7218	9.032E-06	5.1				
5	0	MODAL	Mode	4	-2.691E-13	2.579E-13	1350.243	5.1				
5	0.49	MODAL	Mode	4	-2.691E-13	2.147E-13	3875.3708	5.1				
5	0.98	MODAL	Mode	4	-2.691E-13	1.719E-13	6002.217	5.1				
5	1.47	MODAL	Mode	4	-2.691E-13	1.282E-13	8325.4285	5.1				
5	0	MODAL	Mode	5	-1.431E-13	3.339E-13	-7987.4755	5.1				
5	0.49	MODAL	Mode	5	-1.431E-13	2.799E-13	-8115.2563	5.1				
5	0.98	MODAL	Mode	5	-1.431E-13	2.259E-13	-3184.084	5.1				
5	1.47	MODAL	Mode	5	-1.431E-13	1.721E-13	-1213.8827	5.1				
5	0	MODAL	Mode	6	2574.772	3885.7027	2.787E-12	5.1				
5	0.49	MODAL	Mode	6	2574.772	4983.8984	2.902E-12	5.1				
5	0.98	MODAL	Mode	6	2574.772	6301.8901	3.187E-12	5.1				
5	1.47	MODAL	Mode	6	2574.772	7819.9875	3.382E-12	5.1				
5	0	MODAL	Mode	7	-11908.1016	6422.7201	1.423E-12	5.1				
5	0.49	MODAL	Mode	7	-11908.1016	7231.886	1.189E-12	5.1				
5	0.98	MODAL	Mode	7	-11908.1016	8040.6718	9.047E-13	5.1				
5	1.47	MODAL	Mode	7	-11908.1016	8849.8477	6.439E-13	5.1				
5	0	MODAL	Mode	8	8.820E-13	-4.750E-13	19482.7248	5.1				
5	0.49	MODAL	Mode	8	8.820E-13	-3.834E-13	15974.2252	5.1				
5	0.98	MODAL	Mode	8	8.820E-13	-3.117E-13	12487.7274	5.1				
5	1.47	MODAL	Mode	8	8.820E-13	-2.301E-13	9001.2287	5.1				
5	0	MODAL	Mode	9	1.829E-12	3.203E-11	854.0787	5.1				
5	0.49	MODAL	Mode	9	1.829E-12	2.492E-11	-17716.0695	5.1				
5	0.98	MODAL	Mode	9	1.829E-12	3.780E-11	-39070.2167	5.1				
5	1.47	MODAL	Mode	9	1.829E-12	4.879E-11	-54424.3619	5.1				
5	0	MODAL	Mode	10	-2152.9224	-31334.7722	1.026E-12	5.1				
5	0.49	MODAL	Mode	10	-2152.9224	-33940.1708	1.609E-13	5.1				
5	0.98	MODAL	Mode	10	-2152.9224	-74415.6888	-7.029E-13	5.1				
5	1.47	MODAL	Mode	10	-2152.9224	-94870.9688	-1.567E-12	5.1				
5	0	MODAL	Mode	11	-2.444E-11	1.830E-11	-138589.458	5.1				
5	0.49	MODAL	Mode	11	-2.444E-11	1.670E-11	-138079.866	5.1				
5	0.98	MODAL	Mode	11	-2.444E-11	1.522E-11	-173358.874	5.1				
5	1.47	MODAL	Mode	11	-2.444E-11	1.388E-11	-191040.083	5.1				
5	0	MODAL	Mode	12	-5827.4547	-280041.845	2.088E-11	5.1				
5	0.49	MODAL	Mode	12	-5827.4547	-203154.141	7.088E-12	5.1				
5	0.98	MODAL	Mode	12	-5827.4547	-278289.338	-4.428E-12	5.1				
5	1.47	MODAL	Mode	12	-5827.4547	-359376.535	-1.888E-11	5.1				
5	0	LIVE		0	0	0	-114.4188	5.1				
5	0.49	LIVE		0	0	0	-174.9509	5.1				
5	0.98	LIVE		0	0	0	-240.0088	5.1				
5	1.47	LIVE		0	0	0	-309.8728	5.1				
5	0	DCON1		0	0	0	-254.0759	5.1				
5	0.49	DCON1		0	0	0	-489.1741	5.1				
5	0.98	DCON1		0	0	0	-562.0511	5.1				
5	1.47	DCON1		0	0	0	-972.7067	5.1				
5	0	DEAD		0	0	0	-313.549	5.1				
5	0.49	DEAD		0	0	0	-320.2382	5.1				
5	0.98	DEAD		0	0	0	-342.9902	5.1				
5	1.47	DEAD		0	0	0	-351.772	5.1				

Table: Element Forces - Frames, Part 2 of 3												
Frame	Station	OutputCase	StepType	StepNum	Y	U	U2	U3	U4	U5	U6	U7
m	m				KN-m	KN	KN	KN	KN	KN	KN	KN
6	0	MODAL	Mode	1	691.4443	-1170.1143	-2.21E-10	5.1				
6	0.49	MODAL	Mode	1	691.4443	-1235.0785	-2.389E-10	5.1				
6	0.98	MODAL	Mode	1	691.4443	-1291.0428	1.54E-10	5.1				
6	1.47	MODAL	Mode	1	691.4443	-1347.0071	8.495E-10	5.1				
6	0	MODAL	Mode	2	1.210E-10	-1.822E-07	-3558.3141	5.1				
6	0.49	MODAL	Mode	2	1.210E-10	-4.490E-08	-3313.0008	5.1				
6	0.98	MODAL	Mode	2	1.210E-10	6.237E-08	-1281.7275	5.1				
6	1.47	MODAL	Mode	2	1.210E-10	1.696E-07	-247.4342	5.1				
6	0	MODAL	Mode	3	-5025.2237	2387.8245	6.541E-05	5.1				
6	0.49	MODAL	Mode	3	-5025.2237	1374.7847	4.287E-05	5.1				
6	0.98	MODAL	Mode	3	-5025.2237	901.7846	1.008E-05	5.1				
6	1.47	MODAL	Mode	3	-5025.2237	249.2349	-6.403E-05	5.1				
6	0	MODAL	Mode	4	-2.480E-13	9.847E-14	7702.7823	5.1				
6	0.49	MODAL	Mode	4	-2.480E-13	9.551E-14	6427.0786	5.1				
6	0.98	MODAL	Mode	4	-2.480E-13	8.759E-14	8151.407	5.1				
6	1.47	MODAL	Mode	4	-2.480E-13	8.759E-14	9875.7343	5.1				
6	0	MODAL	Mode	5	-2.184E-13	2.634E-13	-2976.6792	5.1				
6	0.49	MODAL	Mode	5	-2.184E-13	2.481E-13	-1854.554	5.1				
6	0.98	MODAL	Mode	5	-2.184E-13	2.481E-13	-434.3827	5.1				
6	1.47	MODAL	Mode	5	-2.184E-13	2.515E-13	777.7488	5.1				
6	0	MODAL	Mode	6	840.8773	7235.1277	3.529E-12	5.1				
6	0.49	MODAL	Mode	6	840.8773	7879.1413	2.246E-12	5.1				
6	0.98	MODAL	Mode	6	840.8773	8119.1449	1.053E-12	5.1				
6	1.47	MODAL	Mode	6	840.8773	8359.1485	-1.700E-13	5.1				
6	0	MODAL	Mode	7	-11035.8082	4899.4757	7.542E-13	5.1				
6	0.49	MODAL	Mode	7	-11035.8082	2733.2063	4.749E-13	5.1				
6	0.98	MODAL	Mode	7	-11035.8082	596.8349	1.857E-13	5.1				
6	1.47	MODAL	Mode	7	-11035.8082	-1538.3395	-8.721E-14	5.1				
6	0	MODAL	Mode	8	8.800E-13	-4.254E-13	10993.8704	5.1				
6	0.49	MODAL	Mode	8	8.800E-13	-2.415E-13	9473.4379	5.1				
6	0.98	MODAL	Mode	8	8.800E-13	-5.772E-14	2954.0065	5.1				
6	1.47	MODAL	Mode	8	8.800E-13	1.281E-13	-785.477	5.1				
6	0	MODAL	Mode	9	1.310E-12	4.104E-11	-50252.7202	5.1				
6	0.49	MODAL	Mode	9	1.310E-12	2.807E-11	-87294.457	5.1				
6	0.98	MODAL	Mode	9	1.310E-12	1.709E-11	-64155.1908	5.1				
6	1.47	MODAL	Mode	9	1.310E-12	5.112E-12	-71107.8388	5.1				
6	0	MODAL	Mode	10	-890.5665	-90570.7389	-1.41E-12	5.1				
6	0.49	MODAL	Mode	10	-890.5665	-88342.2834	-2.375E-12	5.1				
6	0.98	MODAL	Mode	10	-890.5665	-108313.623	-2.285E-12	5.1				
6	1.47	MODAL	Mode	10	-890.5665	-114258.375	-4.105E-12	5.1				
6	0	MODAL	Mode	11	-2.261E-11	1.110E-11	-199548.51	5.1				
6	0.49	MODAL	Mode	11	-2.261E-11	7.779E-12	-138955.863	5.1				
6	0.98	MODAL	Mode	11	-2.261E-11	4.481E-12	-6182.1957	5.1				
6	1.47	MODAL	Mode	11	-2.261E-11	1.143E-12	7798.8816	5.1				
6	0	MODAL	Mode	12	-5117.2038	-293707.927	-1.353E-11	5.1				
6	0.49	MODAL	Mode	12	-5117.2038	-182884.134	-2.485E-11	5.1				
6	0.98	MODAL	Mode	12	-5117.2038	-92281.8236	-8.817E-11	5.1				
6	1.47	MODAL	Mode	12	-5117.2038	8431.218	-4.759E-11	5.1				
6	0	LIVE		0	0	0	-287.5913	5.1				
6	0.49	LIVE		0	0	0	-302.1827	5.1				
6	0.98	LIVE		0	0	0	-326.9201	5.1				
6	1.47	LIVE		0	0	0	-344.2035	5.1				
6	0	DCON1		0	0	0	-611.9883	5.1				
6	0.49	DCON1		0	0	0	-648.2425	5.1				

Table: Element Forces - Frames, Part 2 of 3												
Frame	Station	OutputCase	StepType	StepNum	Y	U	U2	U3	U4	U5	U6	U7
	m				KN-m	KN	KN	KN	KN	KN	KN	KN
7	0.98	DCON1	Mode	1	-897.8789	-1346.8536	5.948E-10	-7.1				
7	1.47	DCON1	Mode	1	-897.8789	-1288.0313	2.304E-10	-7.1				
7	0	DEAD	Mode	1	-897.8789	-1346.8536	-8.110E-11	-7.1				
7	0.98	DEAD	Mode	1	-897.8789	-171.8508	-3.925E-10	-7.1				
7	1.47	DEAD	Mode	1	-897.8789	-171.8508	-3.925E-10	-7.1				
7	0	MODAL	Mode	2	1.137E-10	1.894E-07	2.6837E-95	-7.1				
7	0.98	MODAL	Mode	2	1.137E-10	7.285E-06	1.502.7782	-7.1				
7	1.47	MODAL	Mode	2	1.137E-10	2.337E-08	2.337.177	-7.1				
7	0	MODAL	Mode	3	1.137E-10	-1.263E-07	3.371.8738	-7.1				
7	0.98	MODAL	Mode	3	-5029.3805	-268.5958	-4.323E-08	-7.1				
7	1.47	MODAL	Mode	3	-5029.3805	-1.977.2015	-5.407E-08	-7.1				
7	0.98	MODAL	Mode	3	-5029.3805	-1684.917	-4.789E-08	-7.1				
7	1.47	MODAL	Mode	3	-5029.2705	-2402.0278	2.447E-08	-7.1				
7	0	MOD U	Mode	4	-2.428E-13	0.203E-14	8882.2128	-7.1				
7	0.98	MODAL	Mode	4	-2.428E-13	1.808E-14	9144.4705	-7.1				
7	1.47	MODAL	Mode	4	-2.428E-13	-3.106E-14	8436.7283	-7.1				
7	0	MODAL	Mode	5	-3.113E-13	3.334E-13	7723.8968	-7.1				
7	0.98	MODAL	Mode	5	-3.113E-13	2.30E-13	283.2807	-7.1				
7	1.47	MODAL	Mode	5	-3.113E-13	1.200E-13	1518.1121	-7.1				
7	0	MODAL	Mode	6	-3.111E-13	2.897E-14	2725.1038	-7.1				
7	0.98	MODAL	Mode	6	-716.7788	8526.9787	4.706E-14	-7.1				
7	1.47	MODAL	Mode	6	-716.7788	5121.8818	1.101E-12	-7.1				
7	0	MODAL	Mode	7	-716.7788	7714.7853	-2.410E-12	-7.1				
7	0.98	MODAL	Mode	7	-716.7788	7307.6848	-3.178E-12	-7.1				
7	1.47	MODAL	Mode	7	-11057.7232	1554.3468	4.590E-14	-7.1				
7	0.98	MODAL	Mode	7	-11057.7232	-855.5561	-2.102E-13	-7.1				
7	1.47	MODAL	Mode	7	-11057.7232	-271.4489	-4.706E-13	-7.1				
7	0	MODAL	Mode	8	-11057.1217	-4.05E-07	-2.308E-13	-7.1				
7	0.98	MODAL	Mode	8	0.130E-15	-2.580E-14	649.1332	-7.1				
7	1.47	MODAL	Mode	8	8.150E-13	3.271E-15	-2998.0403	-7.1				
7	0.98	MODAL	Mode	8	8.150E-13	8.254E-14	-6587.5739	-7.1				
7	1.47	MODAL	Mode	8	8.150E-13	1.617E-13	-10206.1074	-7.1				
7	0	MODAL	Mode	9	1.197E-12	5.630E-12	-7.14.12375	-7.1				
7	0.98	MODAL	Mode	9	1.197E-12	-6.083E-12	-5892.8471	-7.1				
7	1.47	MODAL	Mode	9	1.101E-12	-1.887E-11	-56833.8567	-7.1				
7	0	MODAL	Mode	10	1.197E-12	-3.124E-11	-49864.8673	-7.1				
7	0.98	MODAL	Mode	10	715.626	114324.032	-4.280E-12	-7.1				
7	1.47	MODAL	Mode	10	715.626	-106089.818	-3.848E-12	-7.1				
7	0	MODAL	Mode	11	715.626	-97655.801	-3.087E-12	-7.1				
7	0.98	MODAL	Mode	11	715.626	114324.032	-4.280E-12	-7.1				
7	1.47	MODAL	Mode	11	-2.280E-11	-1.170E-12	-3730.8569	-7.1				
7	0	MODAL	Mode	12	-2.280E-11	-2.480E-12	63273.3572	-7.1				
7	0.98	MODAL	Mode	12	-2.280E-11	-2.480E-12	130277.6814	-7.1				
7	1.47	MODAL	Mode	12	-2.280E-11	-1.652E-11	197281.0073	-7.1				
7	0	MODAL	Mode	13	-5171.5813	2226.0383	-4.920E-11	-7.1				
7	0.98	MODAL	Mode	13	-5171.5813	27233.333	-5.821E-11	-7.1				
7	1.47	MODAL	Mode	13	-5171.5813	16280.0549	-1.221E-11	-7.1				
7	0	MODAL	Mode	14	-5121.6512	28617.5239	4.785E-12	-7.1				

Frame	Station	OutputCase	StepType	StepNum	FrameElem	ElementID	Force	Dist	FrameElem
8	0.58	MODAL	Mode	11	-2.402E-11	-1.653E-11	154324.5596	8-1	
8	1.47	MODAL	Mode	11	-2.402E-11	-1.627E-11	152329.7119	8-1	
8	0	MODAL	Mode	12	-5840.9724	232009.8713	4.637E-12	8-1	
8	0.48	MODAL	Mode	12	-5840.9724	275994.8492	2.004E-11	8-1	
8	0.98	MODAL	Mode	12	-5840.9724	281178.1271	3.548E-11	8-1	
8	1.47	MODAL	Mode	12	-5840.9724	245782.2285	5.090E-11	8-1	
8	0	LIVE	Mode	0	0	0	-307.4901	8-1	
8	0.49	LIVE	Mode	0	0	0	-237.7545	8-1	
8	0.98	LIVE	Mode	0	0	0	-172.142	8-1	
8	1.47	LIVE	Mode	0	0	0	-111.0515	8-1	
8	0	DCON1	Mode	0	0	0	-677.4365	8-1	
8	0.49	DCON1	Mode	0	0	0	-645.1023	8-1	
8	0.98	DCON1	Mode	0	0	0	-460.1338	8-1	
8	1.47	DCON1	Mode	0	0	0	-354.2639	8-1	
9	0	DEAD	Mode	0	0	0	-135.6584	9-1	
9	0.48333	DEAD	Mode	0	0	0	33.8206	9-1	
9	0.98667	DEAD	Mode	0	0	0	189.094	9-1	
9	1.45	DEAD	Mode	0	0	0	328.8502	9-1	
9	0	MODAL	Mode	1	-5797.8628	-745.8628	4.007E-10	9-1	
9	0.48333	MODAL	Mode	1	-5797.8628	-385.8113	-2.044E-10	9-1	
9	0.98667	MODAL	Mode	1	-3762.8628	14.3358	-5.095E-10	9-1	
9	1.45	MODAL	Mode	1	-3762.8628	393.8846	-1.419E-09	9-1	
9	0	MODAL	Mode	2	1.289E-10	4.807E-08	7041.0309	9-1	
9	0.48333	MODAL	Mode	2	1.289E-10	3.171E-08	6848.4048	9-1	
9	0.98333	MODAL	Mode	2	1.289E-10	1.538E-08	8555.5787	9-1	
9	1.45	MODAL	Mode	2	1.289E-10	-7.392E-08	9454.3525	9-1	
9	0	MODAL	Mode	3	-6233.818	-4813.7215	-1.10E-08	9-1	
9	0.48333	MODAL	Mode	3	-6233.818	-4427.2163	1.221E-08	9-1	
9	0.98667	MODAL	Mode	3	-6233.818	-4040.7109	3.839E-08	9-1	
9	1.45	MODAL	Mode	3	-6233.818	-3854.2817	6.057E-08	9-1	
9	0	MODAL	Mode	4	-2.969E-13	-2.329E-13	2352.1646	9-1	
9	0.48333	MODAL	Mode	4	-2.969E-13	-2.178E-13	1843.1087	9-1	
9	0.98667	MODAL	Mode	4	-2.969E-13	-2.026E-13	-6124.3751	9-1	
9	1.45	MODAL	Mode	4	-2.969E-13	-1.875E-13	-1052.6496	9-1	
9	0	MODAL	Mode	5	-5.823E-13	-2.871E-15	5732.8972	9-1	
9	0.48333	MODAL	Mode	5	-5.823E-13	-2.473E-13	12894.8894	9-1	
9	0.98667	MODAL	Mode	5	-5.823E-13	-2.148E-13	19030.822	9-1	
9	1.45	MODAL	Mode	5	-5.823E-13	-1.993E-12	-2.795E-12	9-1	
9	0	MODAL	Mode	6	-4345.3555	4373.8808	-2.795E-12	9-1	
9	0.48333	MODAL	Mode	6	-4345.3555	2184.1334	-1.165E-12	9-1	
9	0.98667	MODAL	Mode	6	-4345.3555	-46.3535	3.722E-13	9-1	
9	1.45	MODAL	Mode	6	-4345.3555	-2255.0209	1.912E-12	9-1	
9	0	MODAL	Mode	7	-13863.8983	-9534.0702	-1.408E-12	9-1	
9	0.48333	MODAL	Mode	7	-13863.8983	-1039.3817	-1.709E-12	9-1	
9	0.98667	MODAL	Mode	7	-13863.8983	-10244.8832	-2.005E-12	9-1	
9	1.45	MODAL	Mode	7	-13863.8983	-12530.0047	-2.304E-12	9-1	
9	0	MODAL	Mode	8	6.268E-13	2.829E-13	-19446.6702	9-1	
9	0.48333	MODAL	Mode	8	6.268E-13	4.536E-13	-22733.0816	9-1	
9	0.98667	MODAL	Mode	8	6.268E-13	6.147E-13	-25961.083	9-1	
9	1.45	MODAL	Mode	8	6.268E-13	7.757E-13	-26222.0448	9-1	
9	0	MODAL	Mode	9	1.282E-12	-2.845E-11	-4454.8804	9-1	
9	0.48333	MODAL	Mode	9	1.282E-12	-1.708E-11	18224.4899	9-1	
9	0.98667	MODAL	Mode	9	1.282E-12	-5.684E-12	40913.0003	9-1	
9	1.45	MODAL	Mode	9	1.282E-12	5.933E-12	6.5015305	9-1	

Frame	Station	OutputCase	StepType	StepNum	FrameElem	ElementID	Force	Dist	FrameElem
9	0	MODAL	Mode	10	3820.8168	-38770.1775	-1.689E-12	9-1	
9	0.48333	MODAL	Mode	10	3820.8168	-17118.34	-9.852E-13	9-1	
9	0.98667	MODAL	Mode	10	3820.8168	5842.4978	-2.223E-13	9-1	
9	1.45	MODAL	Mode	10	3820.8168	29233.3355	3.305E-13	9-1	
9	0	MODAL	Mode	11	-2.824E-11	-2.154E-11	14164.235	9-1	
9	0.48333	MODAL	Mode	11	-2.824E-11	-1.303E-11	51456.8182	9-1	
9	0.98667	MODAL	Mode	11	-2.824E-11	-1.817E-11	-35822.9875	9-1	
9	1.45	MODAL	Mode	11	-2.824E-11	-1.648E-11	-128305.014	9-1	
9	0	MODAL	Mode	12	-6408.3291	283551.3232	5.268E-11	9-1	
9	0.48333	MODAL	Mode	12	-6408.3291	150579.4574	3.859E-11	9-1	
9	0.98667	MODAL	Mode	12	-6408.3291	47887.6495	2.451E-11	9-1	
9	1.45	MODAL	Mode	12	-6408.3291	-65084.1842	1.042E-11	9-1	
9	0	LIVE	Mode	0	0	0	-148.9564	9-1	
9	0.48333	LIVE	Mode	0	0	0	-10.1282	9-1	
9	0.98667	LIVE	Mode	0	0	0	122.2944	9-1	
9	1.45	LIVE	Mode	0	0	0	250.3142	9-1	
9	0	DCON1	Mode	0	0	0	-353.1648	9-1	
9	0.48333	DCON1	Mode	0	0	0	32.1167	9-1	
9	0.98667	DCON1	Mode	0	0	0	420.3743	9-1	
9	1.45	DCON1	Mode	0	0	0	781.602	9-1	

Table: Element Forces - Frames, Part 3 of 3

Frame	Station	OutputCase	StepType	StepNum	FrameElem	ElementID	Force	Dist	FrameElem
1	0	DEAD	Mode	1	1	1	0		
1	2.15497	DEAD	Mode	1	1	1	2.15497		
1	4.30994	DEAD	Mode	1	1	1	4.30994		
1	0	MODAL	Mode	1	1	1	0		
1	2.15497	MODAL	Mode	1	1	1	2.15497		
1	4.30994	MODAL	Mode	1	1	1	4.30994		
1	0	MOD/L	Mode	2	1	1	0		
1	2.15497	MODAL	Mode	2	1	1	2.15497		
1	4.30994	MODAL	Mode	2	1	1	4.30994		
1	0	MODAL	Mode	3	1	1	0		
1	2.15497	MODAL	Mode	3	1	1	2.15497		
1	4.30994	MODAL	Mode	3	1	1	4.30994		
1	0	MODAL	Mode	4	1	1	0		
1	2.15497	MODAL	Mode	4	1	1	2.15497		
1	4.30994	MODAL	Mode	4	1	1	4.30994		
1	0	MODAL	Mode	5	1	1	0		
1	2.15497	MODAL	Mode	5	1	1	2.15497		
1	4.30994	MODAL	Mode	5	1	1	4.30994		
1	0	MODAL	Mode	6	1	1	0		
1	2.15497	MODAL	Mode	6	1	1	2.15497		
1	4.30994	MODAL	Mode	6	1	1	4.30994		
1	0	MODAL	Mode	7	1	1	0		
1	2.15497	MODAL	Mode	7	1	1	2.15497		
1	4.30994	MODAL	Mode	7	1	1	4.30994		
1	0	MODAL	Mode	8	1	1	0		
1	2.15497	MODAL	Mode	8	1	1	2.15497		
1	4.30994	MODAL	Mode	8	1	1	4.30994		

Frame	Station	OutputCase	StepType	StepNum	FrameElem	ElementID	Force	Dist	FrameElem
1	0	MOD/L	Mode	9	1-1	0			
1	2.15497	MODAL	Mode	9	1-1	2.15497			
1	4.30994	MODAL	Mode	9	1-1	4.30994			
1	0	MODAL	Mode	10	1-1	0			
1	2.15497	MODAL	Mode	10	1-1	2.15497			
1	4.30994	MODAL	Mode	10	1-1	4.30994			
1	0	MODAL	Mode	11	1-1	0			
1	2.15497	MODAL	Mode	11	1-1	2.15497			
1	4.30994	MODAL	Mode	11	1-1	4.30994			
1	0	MODAL	Mode	12	1-1	0			
1	2.15497	MOD/L	Mode	12	1-1	2.15497			
1	4.30994	MODAL	Mode	12	1-1	4.30994			
1	0	LIVE			1-1	0			
1	2.15497	LIVE			1-1	2.15497			
1	4.30994	LIVE			1-1	4.30994			
1	0	DCON1			1-1	0			
1	2.15497	DCON1			1-1	2.15497			
1	4.30994	DCON1			1-1	4.30994			
2	0	DE/D			2-1	0			
2	2.15497	DEAD			2-1	2.15497			
2	4.30994	DEAD			2-1	4.30994			
2	0	MODAL	Mode	1	2-1	0			
2	2.15497	MOD/L	Mode	1	2-1	2.15497			
2	4.30994	MODAL	Mode	1	2-1	4.30994			
2	0	MODAL	Mode	2	2-1	0			
2	2.15497	MODAL	Mode	2	2-1	2.15497			
2	4.30994	MODAL	Mode	2	2-1	4.30994			
2	0	MODAL	Mode	3	2-1	0			
2	2.15497	MODAL	Mode	3	2-1	2.15497			
2	4.30994	MODAL	Mode	3	2-1	4.30994			
2	0	MODAL	Mode	4	2-1	0			
2	2.15497	MODAL	Mode	4	2-1	2.15497			
2	4.30994	MODAL	Mode	4	2-1	4.30994			
2	0	MODAL	Mode	5	2-1	0			
2	2.15497	MODAL	Mode	5	2-1	2.15497			
2	4.30994	MODAL	Mode	5	2-1	4.30994			
2	0	MODAL	Mode	6	2-1	0			
2	2.15497	MODAL	Mode	6	2-1	2.15497			
2	4.30994	MODAL	Mode	6	2-1	4.30994			
2	0	MODAL	Mode	7	2-1	0			
2	2.15497	MOD/L	Mode	7	2-1	2.15497			
2	4.30994	MODAL	Mode	7	2-1	4.30994			
2	0	MODAL	Mode	8	2-1	0			
2	2.15497	MODAL	Mode	8	2-1	2.15497			
2	4.30994	MODAL	Mode	8	2-1	4.30994			
2	0	MODAL	Mode	9	2-1	0			
2	2.15497	MODAL	Mode	9	2-1	2.15497			
2	4.30994	MODAL	Mode	9	2-1	4.30994			
2	0	MODAL	Mode	10	2-1	0			
2	2.15497	MODAL	Mode	10	2-1	2.15497			
2	4.30994	MODAL	Mode	10	2-1	4.30994			
2	0	MODAL	Mode	11	2-1	0			
2	2.15497	MOD/L	Mode	11	2-1	2.15497			
2	4.30994	MODAL	Mode	11	2-1	4.30994			

Table: Element Faces - Frames, Part 3 of 3						
Frame	Surface	Output/Elem	Step/Type	Step/Elem	Frame/Elem	Element/Elem
3	1.95556	MODAL	Mode	5	3-1	1.955556
3	2.44444	MODAL	Mode	5	3-1	2.444444
3	2.83333	MODAL	Mode	5	3-1	2.833333
3	3.42222	MODAL	Mode	6	3-1	3.422222
3	3.91111	MODAL	Mode	5	3-1	3.911111
3	4.4	MODAL	Mode	6	3-1	4.4
3	4.88888	MODAL	Mode	5	3-1	4.888888
3	5.37778	MODAL	Mode	6	3-1	5.377778
3	5.86667	MODAL	Mode	6	3-1	5.866667
3	6.35556	MODAL	Mode	6	3-1	6.355556
3	6.84444	MODAL	Mode	5	3-1	6.844444
3	7.33333	MODAL	Mode	5	3-1	7.333333
3	7.82222	MODAL	Mode	5	3-1	7.822222
3	8.31111	MODAL	Mode	5	3-1	8.311111
3	8.8	MODAL	Mode	5	3-1	8.8
3	0	MODAL	Mode	5	3-1	0
3	0.48889	MODAL	Mode	8	3-1	0.488889
3	0.97778	MODAL	Mode	8	3-1	0.977778
3	1.46667	MODAL	Mode	8	3-1	1.466667
3	1.95556	MODAL	Mode	6	3-1	1.955556
3	2.44444	MODAL	Mode	5	3-1	2.444444
3	2.83333	MODAL	Mode	8	3-1	2.833333
3	3.42222	MODAL	Mode	8	3-1	3.422222
3	3.91111	MODAL	Mode	8	3-1	3.911111
3	4.4	MODAL	Mode	6	3-1	4.4
3	4.88889	MODAL	Mode	6	3-1	4.888889
3	5.37778	MODAL	Mode	6	3-1	5.377778
3	5.86667	MODAL	Mode	6	3-1	5.866667
3	6.35556	MODAL	Mode	6	3-1	6.355556
3	6.84444	MODAL	Mode	6	3-1	6.844444
3	7.33333	MODAL	Mode	6	3-1	7.333333
3	7.82222	MODAL	Mode	6	3-1	7.822222
3	8.31111	MODAL	Mode	6	3-1	8.311111
3	8.8	MODAL	Mode	6	3-1	8.8
3	0	MODAL	Mode	7	3-1	0
3	0.48889	MODAL	Mode	7	3-1	0.488889
3	0.97778	MODAL	Mode	7	3-1	0.977778
3	1.46667	MODAL	Mode	7	3-1	1.466667
3	1.95556	MODAL	Mode	7	3-1	1.955556
3	2.44444	MODAL	Mode	7	3-1	2.444444
3	2.83333	MODAL	Mode	7	3-1	2.833333
3	3.42222	MODAL	Mode	7	3-1	3.422222
3	3.91111	MODAL	Mode	7	3-1	3.911111
3	4.4	MODAL	Mode	7	3-1	4.4
3	4.88889	MODAL	Mode	7	3-1	4.888889
3	5.37778	MODAL	Mode	7	3-1	5.377778
3	5.86667	MODAL	Mode	7	3-1	5.866667
3	6.35556	MODAL	Mode	7	3-1	6.355556
3	6.84444	MODAL	Mode	7	3-1	6.844444
3	7.33333	MODAL	Mode	7	3-1	7.333333
3	7.82222	MODAL	Mode	7	3-1	7.822222
3	8.31111	MODAL	Mode	7	3-1	8.311111
3	8.8	MODAL	Mode	7	3-1	8.8
3	0	MODAL	Mode	8	3-1	0

Table: Element Forces - Frames, Part 3 of 3									
Frame	Node	Output Case	ElementType	StepNum	Frame Elem	Element Num			
	id								
3	8,31111	MODAL	Mode	10	3-1	8,31111			
3	8,8	MODAL	Mode	10	3-1	8,8			
3	0	MODAL	Mode	11	3-1	0			
3	0,48889	MODAL	Mode	11	3-1	0,48889			
3	0,87778	MODAL	Mode	11	3-1	0,87778			
3	1,45687	MODAL	Mode	11	3-1	1,45687			
3	1,95556	MODAL	Mode	11	3-1	1,95556			
3	2,44444	MODAL	Mode	11	3-1	2,44444			
3	2,93333	MODAL	Mode	11	3-1	2,93333			
3	3,42222	MODAL	Mode	11	3-1	3,42222			
3	3,91111	MODAL	Mode	11	3-1	3,91111			
3	4,4	MODAL	Mode	11	3-1	4,4			
3	4,88889	MODAL	Mode	11	3-1	4,88889			
3	5,37778	MODAL	Mode	11	3-1	5,37778			
3	5,86887	MODAL	Mode	11	3-1	5,86887			
3	6,35556	MODAL	Mode	11	3-1	6,35556			
3	6,84444	MODAL	Mode	11	3-1	6,84444			
3	7,33333	MODAL	Mode	11	3-1	7,33333			
3	7,82222	MODAL	Mode	11	3-1	7,82222			
3	8,31111	MODAL	Mode	11	3-1	8,31111			
3	8,8	MODAL	Mode	11	3-1	8,8			
3	0	MODAL	Mode	12	3-1	0			
3	0,48889	MODAL	Mode	12	3-1	0,48889			
3	0,87778	MODAL	Mode	12	3-1	0,87778			
3	1,40677	MODAL	Mode	12	3-1	1,40677			
3	1,95556	MODAL	Mode	12	3-1	1,95556			
3	2,44444	MODAL	Mode	12	3-1	2,44444			
3	2,93333	MODAL	Mode	12	3-1	2,93333			
3	3,42222	MODAL	Mode	12	3-1	3,42222			
3	3,91111	MODAL	Mode	12	3-1	3,91111			
3	4,4	MODAL	Mode	12	3-1	4,4			
3	4,88889	MODAL	Mode	12	3-1	4,88889			
3	5,37778	MODAL	Mode	12	3-1	5,37778			
3	5,86887	MODAL	Mode	12	3-1	5,86887			
3	6,35556	MODAL	Mode	12	3-1	6,35556			
3	6,84444	MODAL	Mode	12	3-1	6,84444			
3	7,33333	MODAL	Mode	12	3-1	7,33333			
3	7,82222	MODAL	Mode	12	3-1	7,82222			
3	8,31111	MODAL	Mode	12	3-1	8,31111			
3	8,8	MODAL	Mode	12	3-1	8,8			
3	0	LIVE				0			
3	0,47580	LIVE				0,47580			
3	0,97778	LIVE				0,97778			
3	1,40677	LIVE				1,40687			
3	1,95556	LIVE				1,95556			
3	2,44444	LIVE				2,44444			
3	2,93333	LIVE				2,93333			
3	3,42222	LIVE				3,42222			
3	3,91111	LIVE				3,91111			
3	4,4	LIVE				4,4			
3	4,88889	LIVE				4,88889			
3	5,37778	LIVE				5,37778			
3	5,86887	LIVE				5,86887			
3	6,35556	LIVE				6,35556			

Table: Element Forces - Frames, Part 3 of 3						
Frame	Station	Output Case	Step Type	Step Num	Frame Num	Element Num
3	0.84444	LIVE		3-1		0.84444
3	7.33333	LIVE		3-1		7.33333
3	7.82222	LIVE		3-1		7.82222
3	8.31111	LIVE		3-1		8.31111
3	8.8	LIVE		3-1		8.8
3	0.	DCON1		3-1		0.
3	0.48889	DCON1		3-1		0.48889
3	0.97778	DCON1		3-1		0.97778
3	1.46667	DCON1		3-1		1.46667
3	1.95556	DCON1		3-1		1.95556
3	2.44444	DCON1		3-1		2.44444
3	2.93333	DCON1		3-1		2.93333
3	3.42222	DCON1		3-1		3.42222
3	3.91111	DCON1		3-1		3.91111
3	4.4	DCON1		3-1		4.4
3	4.88889	DCON1		3-1		4.88889
3	5.37778	DCON1		3-1		5.37778
3	5.86667	DCON1		3-1		5.86667
3	6.35556	DCON1		3-1		6.35556
3	6.84444	DCON1		3-1		6.84444
3	7.33333	DCON1		3-1		7.33333
3	7.82222	DCON1		3-1		7.82222
3	8.31111	DCON1		3-1		8.31111
3	8.8	DCON1		3-1		8.8
4	0.	DEAD		4-1		0.
4	0.48	DEAD		4-1		0.48
4	0.98	DEAD		4-1		0.98
4	1.47	DEAD		4-1		1.47
4	0.	MODAL	Mode	1.	4-1	0.
4	0.48	MODAL	Mode	1.	4-1	0.48
4	0.98	MODAL	Mode	1.	4-1	0.98
4	1.47	MODAL	Mode	1.	4-1	1.47
4	0.	MODAL	Mode	2.	4-1	0.
4	0.48	MODAL	Mode	2.	4-1	0.48
4	0.98	MODAL	Mode	2.	4-1	0.98
4	1.47	MODAL	Mode	2.	4-1	1.47
4	0.	MODAL	Mode	3.	4-1	0.
4	0.48	MODAL	Mode	3.	4-1	0.48
4	0.98	MODAL	Mode	3.	4-1	0.98
4	1.47	MODAL	Mode	3.	4-1	1.47
4	0.	MODAL	Mode	4.	4-1	0.
4	0.48	MODAL	Mode	4.	4-1	0.48
4	0.98	MODAL	Mode	4.	4-1	0.98
4	1.47	MODAL	Mode	4.	4-1	1.47
4	0.	MODAL	Mode	5.	4-1	0.
4	0.48	MODAL	Mode	5.	4-1	0.48
4	0.98	MODAL	Mode	5.	4-1	0.98
4	1.47	MODAL	Mode	5.	4-1	1.47
4	0.	MODAL	Mode	6.	4-1	0.
4	0.48	MODAL	Mode	6.	4-1	0.48
4	0.98	MODAL	Mode	6.	4-1	0.98
4	1.47	MODAL	Mode	6.	4-1	1.47
4	0.	MODAL	Mode	7.	4-1	0.
4	0.48	MODAL	Mode	7.	4-1	0.48

Table: Element Forces - Frames, Part 3 of 3						
Frame	Station	Output Case	Step Type	Step Num	Frame Num	Element Num
4	0.98	MODAL	Mode	7.	4-1	0.98
4	1.47	MODAL	Mode	7.	4-1	1.47
4	0.	MODAL	Mode	8.	4-1	0.
4	0.48	MODAL	Mode	8.	4-1	0.48
4	0.98	MODAL	Mode	8.	4-1	0.98
4	1.47	MODAL	Mode	8.	4-1	1.47
4	0.	MODAL	Mode	9.	4-1	0.
4	0.48	MODAL	Mode	9.	4-1	0.48
4	0.98	MODAL	Mode	9.	4-1	0.98
4	1.47	MODAL	Mode	9.	4-1	1.47
4	0.	MODAL	Mode	10.	4-1	0.
4	0.48	MODAL	Mode	10.	4-1	0.48
4	0.98	MODAL	Mode	10.	4-1	0.98
4	1.47	MODAL	Mode	10.	4-1	1.47
4	0.	MODAL	Mode	11.	4-1	0.
4	0.48	MODAL	Mode	11.	4-1	0.48
4	0.98	MODAL	Mode	11.	4-1	0.98
4	1.47	MODAL	Mode	11.	4-1	1.47
4	0.	MODAL	Mode	12.	4-1	0.
4	0.48	MODAL	Mode	12.	4-1	0.48
4	0.98	MODAL	Mode	12.	4-1	0.98
4	1.47	MODAL	Mode	12.	4-1	1.47
4	0.	LIVE		4-1		0.
4	0.48	LIVE		4-1		0.48
4	0.98	LIVE		4-1		0.98
4	1.47	LIVE		4-1		1.47
4	0.	DCON1		4-1		0.
4	0.48	DCON1		4-1		0.48
4	0.98	DCON1		4-1		0.98
4	1.47	DCON1		4-1		1.47
5	0.	DEAD		5-1		0.
5	0.48	DEAD		5-1		0.48
5	0.98	DEAD		5-1		0.98
5	1.47	DEAD		5-1		1.47
5	0.	MODAL	Mode	1.	5-1	0.
5	0.48	MODAL	Mode	1.	5-1	0.48
5	0.98	MODAL	Mode	1.	5-1	0.98
5	1.47	MODAL	Mode	1.	5-1	1.47
5	0.	MODAL	Mode	2.	5-1	0.
5	0.48	MODAL	Mode	2.	5-1	0.48
5	0.98	MODAL	Mode	2.	5-1	0.98
5	1.47	MODAL	Mode	2.	5-1	1.47
5	0.	MODAL	Mode	3.	5-1	0.
5	0.48	MODAL	Mode	3.	5-1	0.48
5	0.98	MODAL	Mode	3.	5-1	0.98
5	1.47	MODAL	Mode	3.	5-1	1.47
5	0.	MODAL	Mode	4.	5-1	0.
5	0.48	MODAL	Mode	4.	5-1	0.48
5	0.98	MODAL	Mode	4.	5-1	0.98
5	1.47	MODAL	Mode	4.	5-1	1.47
5	0.	MODAL	Mode	5.	5-1	0.
5	0.48	MODAL	Mode	5.	5-1	0.48
5	0.98	MODAL	Mode	5.	5-1	0.98
5	1.47	MODAL	Mode	5.	5-1	1.47

Table: Element Forces - Frames, Part 3 of 3						
Frame	Station	Output Case	Step Type	Step Num	Frame Num	Element Num
6	0.	MODAL	Mode	6.	5-1	0.
6	0.48	MODAL	Mode	6.	5-1	0.48
6	0.98	MODAL	Mode	6.	5-1	0.98
6	1.47	MODAL	Mode	6.	5-1	1.47
6	0.	MODAL	Mode	7.	5-1	0.
6	0.48	MODAL	Mode	7.	5-1	0.48
6	0.98	MODAL	Mode	7.	5-1	0.98
6	1.47	MODAL	Mode	7.	5-1	1.47
6	0.	MODAL	Mode	8.	5-1	0.
6	0.48	MODAL	Mode	8.	5-1	0.48
6	0.98	MODAL	Mode	8.	5-1	0.98
6	1.47	MODAL	Mode	8.	5-1	1.47
6	0.	MODAL	Mode	9.	5-1	0.
6	0.48	MODAL	Mode	9.	5-1	0.48
6	0.98	MODAL	Mode	9.	5-1	0.98
6	1.47	MODAL	Mode	9.	5-1	1.47
6	0.	MODAL	Mode	10.	5-1	0.
6	0.48	MODAL	Mode	10.	5-1	0.48
6	0.98	MODAL	Mode	10.	5-1	0.98
6	1.47	MODAL	Mode	10.	5-1	1.47
6	0.	MODAL	Mode	11.	5-1	0.
6	0.48	MODAL	Mode	11.	5-1	0.48
6	0.98	MODAL	Mode	11.	5-1	0.98
6	1.47	MODAL	Mode	11.	5-1	1.47
6	0.	MODAL	Mode	12.	5-1	0.
6	0.48	MODAL	Mode	12.	5-1	0.48
6	0.98	MODAL	Mode	12.	5-1	0.98
6	1.47	MODAL	Mode	12.	5-1	1.47
6	0.	LIVE		6-1		0.
6	0.48	LIVE		6-1		0.48
6	0.98	LIVE		6-1		0.98
6	1.47	LIVE		6-1		1.47
6	0.	DCON1		6-1		0.
6	0.48	DCON1		6-1		0.48
6	0.98	DCON1		6-1		0.98
6	1.47	DCON1		6-1		1.47
7	0.	DEAD		7-1		0.
7	0.48	DEAD		7-1		0.48
7	0.98	DEAD		7-1		0.98
7	1.47	DEAD		7-1		1.47
7	0.	MODAL	Mode	1.	7-1	0.
7	0.48	MODAL	Mode	1.	7-1	0.48
7	0.98	MODAL	Mode	1.	7-1	0.98
7	1.47	MODAL	Mode	1.	7-1	1.47
7	0.	MODAL	Mode	2.	7-1	0.
7	0.48	MODAL	Mode	2.	7-1	0.48
7	0.98	MODAL	Mode	2.	7-1	0.98
7	1.47	MODAL	Mode	2.	7-1	1.47

Table: Element Forces - Frames, Part 3 of 3						
Frame	Station	Output Case	Step Type	Step Num	Frame Num	Element Num
8	0.03	MODAL	Mode	4.	6-1	0.03
8	1.47	MODAL	Mode	4.	6-1	1.47
8	0.	MODAL	Mode	5.	6-1	0.
8	0.48	MODAL	Mode	5.	6-1	0.48
8	0.98	MODAL	Mode	5.	6-1	0.98
8	1.47	MODAL	Mode	5.	6-1	1.47
8	0.	MODAL	Mode	6.	6-1	0.
8	0.48	MODAL	Mode	6.	6-1	0.48
8	0.98	MODAL	Mode	6.	6-1	0.98
8	1.47	MODAL	Mode	6.	6-1	1.47
8	0.	MODAL	Mode	7.	6-1	0.
8	0.48	MODAL	Mode	7.	6-1	0.48
8	0.98	MODAL	Mode	7.	6-1	0.98
8	1.47	MODAL	Mode	7.	6-1	1.47
8	0.	MODAL	Mode	8.	6-1	0.
8	0.48	MODAL	Mode	8.	6-1	0.48
8	0.98	MODAL	Mode	8.	6-1	0.98
8	1.47	MODAL	Mode	8.	6-1	1.47
8	0.	MODAL	Mode	9.	6-1	0.
8	0.48	MODAL	Mode	9.	6-1	0.48
8	0.98	MODAL	Mode	9.	6-1	0.98
8	1.47	MODAL	Mode	9.	6-1	1.47
8	0.	MODAL	Mode	10.	6-1	0.
8	0.48	MODAL	Mode	10.	6-1	0.48
8	0.98	MODAL	Mode	10.	6-1	0.98
8	1.47	MODAL	Mode	10.	6-1	1.47
8	0.	MODAL	Mode	11.	6-1	0.
8	0.48	MODAL	Mode	11.	6-1	0.48
8	0.98	MODAL	Mode	11.	6-1	0.98
8	1.47	MODAL	Mode	11.	6-1	1.47
8	0.	MODAL	Mode	12.	6-1	0.
8	0.48	MODAL	Mode	12.	6-1	0.48
8	0.98	MODAL	Mode	12.	6-1	0.98
8	1.47	MODAL	Mode	12.	6-1	1.47
8	0.	LIVE		6-1		0.
8	0.48	LIVE		6-1		0.48
8	0.98	LIVE		6-1		0.98
8	1.47	LIVE		6-1		1.47
8	0.	DCON1		6-1		0.
8	0.48	DCON1		6-1		0.48
8	0.98	DCON1		6-1		0.98
8	1.47	DCON1		6-1		1.47
7	0.	DEAD		7-1		0.
7	0.48	DEAD		7-1		0.48
7	0.98	DEAD		7-1		0.98
7	1.47	DEAD		7-1		1.47
7	0.	MODAL	Mode	1.	7-1	0.
7	0.48	MODAL	Mode	1.	7-1	0.48
7	0.98	MODAL	Mode	1.	7-1	0.98
7	1.47	MODAL	Mode	1.	7-1	1.47
7	0.	MODAL	Mode	2.	7-1	0.
7	0.48	MODAL	Mode	2.	7-1	0.48
7	0.98	MODAL	Mode	2.	7-1	0.98
7	1.47	MODAL	Mode	2.	7-1	1.47

Frame	Station	OutputCase	StepType	StepNum	FrameElem	Elevation
7	0	MODAL	Mode	3	7-1	0
7	0.48	MODAL	Mode	3	7-1	0.48
7	0.98	MODAL	Mode	3	7-1	0.98
7	1.47	MODAL	Mode	3	7-1	1.47
7	0	MODAL	Mode	4	7-1	0
7	0.48	MODAL	Mode	4	7-1	0.48
7	0.98	MODAL	Mode	4	7-1	0.98
7	1.47	MODAL	Mode	4	7-1	1.47
7	0	MODAL	Mode	5	7-1	0
7	0.48	MODAL	Mode	5	7-1	0.48
7	0.98	MODAL	Mode	5	7-1	0.98
7	1.47	MODAL	Mode	5	7-1	1.47
7	0	MODAL	Mode	6	7-1	0
7	0.48	MODAL	Mode	6	7-1	0.48
7	0.98	MODAL	Mode	6	7-1	0.98
7	1.47	MODAL	Mode	6	7-1	1.47
7	0	MODAL	Mode	7	7-1	0
7	0.48	MODAL	Mode	7	7-1	0.48
7	0.98	MODAL	Mode	7	7-1	0.98
7	1.47	MODAL	Mode	7	7-1	1.47
7	0	MODAL	Mode	8	7-1	0
7	0.48	MODAL	Mode	8	7-1	0.48
7	0.98	MODAL	Mode	8	7-1	0.98
7	1.47	MODAL	Mode	8	7-1	1.47
7	0	MODAL	Mode	9	7-1	0
7	0.48	MODAL	Mode	9	7-1	0.48
7	0.98	MODAL	Mode	9	7-1	0.98
7	1.47	MODAL	Mode	9	7-1	1.47
7	0	MODAL	Mode	10	7-1	0
7	0.48	MODAL	Mode	10	7-1	0.48
7	0.98	MODAL	Mode	10	7-1	0.98
7	1.47	MODAL	Mode	10	7-1	1.47
7	0	MODAL	Mode	11	7-1	0
7	0.48	MODAL	Mode	11	7-1	0.48
7	0.98	MODAL	Mode	11	7-1	0.98
7	1.47	MODAL	Mode	11	7-1	1.47
7	0	MODAL	Mode	12	7-1	0
7	0.48	MODAL	Mode	12	7-1	0.48
7	0.98	MODAL	Mode	12	7-1	0.98
7	1.47	MODAL	Mode	12	7-1	1.47
7	0	LIVE				0
7	0.48	LIVE				0.48
7	0.98	LIVE				0.98
7	1.47	LIVE				1.47
7	0	DCON1				0
7	0.48	DCON1				0.48
7	0.98	DCON1				0.98
7	1.47	DCON1				1.47
8	0	DEAD				0
8	0.48	DEAD				0.48
8	0.98	DEAD				0.98
8	1.47	DEAD				1.47
8	0	MODAL	Mode	1	8-1	0
8	0.48	MODAL	Mode	1	8-1	0.48

Frame	Station	OutputCase	StepType	StepNum	FrameElem	Elevation
8	0	MODAL	Mode	1	8-1	0
8	1.47	MODAL	Mode	1	8-1	1.47
8	0	MODAL	Mode	2	8-1	0
8	0.48	MODAL	Mode	2	8-1	0.48
8	0.98	MODAL	Mode	2	8-1	0.98
8	1.47	MODAL	Mode	2	8-1	1.47
8	0	MODAL	Mode	3	8-1	0
8	0.48	MODAL	Mode	3	8-1	0.48
8	0.98	MODAL	Mode	3	8-1	0.98
8	1.47	MODAL	Mode	3	8-1	1.47
8	0	MODAL	Mode	4	8-1	0
8	0.48	MODAL	Mode	4	8-1	0.48
8	0.98	MODAL	Mode	4	8-1	0.98
8	1.47	MODAL	Mode	4	8-1	1.47
8	0	MODAL	Mode	5	8-1	0
8	0.48	MODAL	Mode	5	8-1	0.48
8	0.98	MODAL	Mode	5	8-1	0.98
8	1.47	MODAL	Mode	5	8-1	1.47
8	0	MODAL	Mode	6	8-1	0
8	0.48	MODAL	Mode	6	8-1	0.48
8	0.98	MODAL	Mode	6	8-1	0.98
8	1.47	MODAL	Mode	6	8-1	1.47
8	0	MODAL	Mode	7	8-1	0
8	0.48	MODAL	Mode	7	8-1	0.48
8	0.98	MODAL	Mode	7	8-1	0.98
8	1.47	MODAL	Mode	7	8-1	1.47
8	0	MODAL	Mode	8	8-1	0
8	0.48	MODAL	Mode	8	8-1	0.48
8	0.98	MODAL	Mode	8	8-1	0.98
8	1.47	MODAL	Mode	8	8-1	1.47
8	0	MODAL	Mode	9	8-1	0
8	0.48	MODAL	Mode	9	8-1	0.48
8	0.98	MODAL	Mode	9	8-1	0.98
8	1.47	MODAL	Mode	9	8-1	1.47
8	0	MODAL	Mode	10	8-1	0
8	0.48	MODAL	Mode	10	8-1	0.48
8	0.98	MODAL	Mode	10	8-1	0.98
8	1.47	MODAL	Mode	10	8-1	1.47
8	0	MODAL	Mode	11	8-1	0
8	0.48	MODAL	Mode	11	8-1	0.48
8	0.98	MODAL	Mode	11	8-1	0.98
8	1.47	MODAL	Mode	11	8-1	1.47
8	0	MODAL	Mode	12	8-1	0
8	0.48	MODAL	Mode	12	8-1	0.48
8	0.98	MODAL	Mode	12	8-1	0.98
8	1.47	MODAL	Mode	12	8-1	1.47
8	0	LIVE				0
8	0.48	LIVE				0.48
8	0.98	LIVE				0.98
8	1.47	LIVE				1.47
8	0	DCON1				0
8	0.48	DCON1				0.48
8	0.98	DCON1				0.98
8	1.47	DCON1				1.47

Frame	Station	OutputCase	StepType	StepNum	FrameElem	Elevation
9	0	DEAD				0
9	0.48333	DEAD				0.48333
9	0.98667	DEAD				0.98667
9	1.45	DEAD				1.45
9	0	MODAL	Mode	1	9-1	0
9	0.48333	MODAL	Mode	1	9-1	0.48333
9	0.98667	MODAL	Mode	1	9-1	0.98667
9	1.45	MODAL	Mode	1	9-1	1.45
9	0	MODAL	Mode	2	9-1	0
9	0.48333	MODAL	Mode	2	9-1	0.48333
9	0.98667	MODAL	Mode	2	9-1	0.98667
9	1.45	MODAL	Mode	2	9-1	1.45
9	0	MODAL	Mode	3	9-1	0
9	0.48333	MODAL	Mode	3	9-1	0.48333
9	0.98667	MODAL	Mode	3	9-1	0.98667
9	1.45	MODAL	Mode	3	9-1	1.45
9	0	MODAL	Mode	4	9-1	0
9	0.48333	MODAL	Mode	4	9-1	0.48333
9	0.98667	MODAL	Mode	4	9-1	0.98667
9	1.45	MODAL	Mode	4	9-1	1.45
9	0	MODAL	Mode	5	9-1	0
9	0.48333	MODAL	Mode	5	9-1	0.48333
9	0.98667	MODAL	Mode	5	9-1	0.98667
9	1.45	MODAL	Mode	5	9-1	1.45
9	0	MODAL	Mode	6	9-1	0
9	0.48333	MODAL	Mode	6	9-1	0.48333
9	0.98667	MODAL	Mode	6	9-1	0.98667
9	1.45	MODAL	Mode	6	9-1	1.45
9	0	MODAL	Mode	7	9-1	0
9	0.48333	MODAL	Mode	7	9-1	0.48333
9	0.98667	MODAL	Mode	7	9-1	0.98667
9	1.45	MODAL	Mode	7	9-1	1.45
9	0	MODAL	Mode	8	9-1	0
9	0.48333	MODAL	Mode	8	9-1	0.48333
9	0.98667	MODAL	Mode	8	9-1	0.98667
9	1.45	MODAL	Mode	8	9-1	1.45
9	0	MODAL	Mode	9	9-1	0
9	0.48333	MODAL	Mode	9	9-1	0.48333
9	0.98667	MODAL	Mode	9	9-1	0.98667
9	1.45	MODAL	Mode	9	9-1	1.45
9	0	MODAL	Mode	10	9-1	0
9	0.48333	MODAL	Mode	10	9-1	0.48333
9	0.98667	MODAL	Mode	10	9-1	0.98667
9	1.45	MODAL	Mode	10	9-1	1.45
9	0	MODAL	Mode	11	9-1	0
9	0.48333	MODAL	Mode	11	9-1	0.48333
9	0.98667	MODAL	Mode	11	9-1	0.98667
9	1.45	MODAL	Mode	11	9-1	1.45
9	0	MODAL	Mode	12	9-1	0
9	0.48333	MODAL	Mode	12	9-1	0.48333
9	0.98667	MODAL	Mode	12	9-1	0.98667
9	1.45	MODAL	Mode	12	9-1	1.45
9	0	LIVE				0
9	0.48333	LIVE				0.48333

Frame	Station	OutputCase	StepType	StepNum	FrameElem	Elevation
9	0.98667	LIVE				0.98667
9	1.45	LIVE				1.45
9	0	DCON1				0
9	0.48333	DCON1				0.48333
9	0.98667	DCON1				0.98667
9	1.45	DCON1				1.45

Table: Frame Loads - Distributed, Part 1 of 3

Frame	LoadPa	Coordinates	Type	Dir	DistType	RelDist
1	DEAD	GLOBAL	Force	Z	RelDist	0
2	DEAD	GLOBAL	Force	Z	RelDist	0
3	DEAD	GLOBAL	Force	Z	RelDist	0
4	LIVE	GLOBAL	Force	Z	RelDist	0
5	DEAD	GLOBAL	Force	Z	RelDist	0.4316
6	DEAD	GLOBAL	Force	Z	RelDist	0
7	DEAD	GLOBAL	Force	Z	RelDist	0
8	DEAD	GLOBAL	Force	Z	RelDist	0
9	DEAD	GLOBAL	Force	Z	RelDist	0

Table: Frame Loads - Distributed, Part 2 of 3

Frame	LoadPa	RelDist	AbcDist	AbcDist	PowerLa	PowerLa
1	DEAD	1	0	4.30994	-48	-48
2	DEAD	1	0	4.30124	-48	-48
3	DEAD	1	0	8.2	-48.14	-48.14
4	LIVE	1	0	8.5	-18	-18
5	LIVE	0.7382	3.5	5	-100	-100
6	DEAD	1	0	1.47	-48	-48
7	DEAD	1	0	1.47	-48	-48
8	DEAD	1	0	1.47	-48	-48
9	DEAD	1	0	1.45	-48	-48

Table: Frame Loads - Distributed, Part 3 of 3

Frame	LoadPa	Global
1	DEAD	8.274029-0646-4730-83 17-56773635961
2	DEAD	0883240-7004-4506-837 b-81282858c17
3	DEAD	611ee80-ee77-453c-aa3 8-ccc3b69b1814

Table: Frame Loads - Distributed, Part 3 of 3

Frame	Load	GUID
3	LIVE	2b04152-824a-4401-8e4b-4b1236a0530f
3	LIVE	1b791ad-bb0f-4aa8-8c1c-4506894e54a2
4	DEAD	04c0d82-1d06-4bca-bb44-c3b9b4d81a1e
4	DEAD	e04f85c7-7963-41f5-8a11-82b0d4d1c1b6
4	DEAD	3e8890de-c446-4d03-e24a-896d9f163203
4	DEAD	eb08f6f6-e177-4074-831d-d7b012a37faa
4	DEAD	62ba27b-3495-4859-8fa1-24b072ba2b08
4	DEAD	794afab6-61b0-4719-b051-f3345a73c6af

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

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

SectionName	Material	Shape	GS	IS	Area	TorsCont
140_80	4000Psi	Rectangular	0.8	1.4	0.7	0.045226
180_40	4000Psi	Rectangular	0.8	1.8	0.84	0.021759
200_80	4000Psi	Rectangular	0.8	1	0.9	0.057587
53_40	4000Psi	Rectangular	0.4	0.53	0.212	0.006078
53_50	4000Psi	Rectangular	0.5	0.53	0.265	0.008825

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

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

SectionName	IS	IS	IS	IS	IS	IS	IS
140_80	0.014333	0.114333	0	0.081533	0.583333	0.098533	0.163333
180_40	0.005633	0.136833	0	0.533333	0.533333	0.042887	0.179887
200_80	0.042667	0.084637	0	0.536667	0.856667	0.105667	0.133333
53_40	0.002827	0.001133	0	0.178667	0.178667	0.014133	0.018727
53_50	0.005521	0.008203	0	0.220833	0.220833	0.022083	0.023408

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

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

SectionName	IS	IS	IS	IS	IS	IS	IS
140_80	0.0078	0.245	0.1442	0.424145	No	Yes	GrayDark
180_40	0.004	0.258	0.11547	0.48188	No	Yes	Red
200_80	0.15	0.2	0.23094	0.285676	No	Yes	GrayDark
53_40	0.0212	0.0209	0.11547	0.152888	No	Yes	Yellow
53_50	0.003125	0.005113	0.144338	0.152106	No	Yes	Green

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

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

SectionName	IS	IS	IS	IS	IS	IS	IS
140_80	0	0	0	No	1	1	1
180_40	0	0	0	No	1	1	1
200_80	494.258	58.4	No	1	1	1	1
53_40	0	0	No	1	1	1	1
53_50	0	0	No	1	1	1	1

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

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

SectionName	IS	IS	IS	IS	IS	IS	IS
140_80	1	1	1	1	1	1	1
180_40	1	1	1	1	1	1	1
200_80	1	1	1	1	1	1	1
53_40	1	1	1	1	1	1	1
53_50	1	1	1	1	1	1	1

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

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

SectionName	Notes
140_80	Added 3/1/2020 2:42:54 PM
180_40	Added 3/6/2020 2:48:24 PM
200_80	Added 2/17/2022 2:28:10 PM
53_40	Added 3/9/2020 2:47:16 PM
53_50	Added 3/9/2020 1:45:22 PM

Table: Frame Section Properties 03 - Concrete Beam

Table: Frame Section Properties 03 - Concrete Beam

SectionName	RebarArea	RebarArea	TopRebar	RebarArea	TopRebarArea	TopRebarArea	RebarArea	RebarArea
140_80	7.515G60	A815G60	0.06	0.06	0	0	0	0
180_40	A315G60	A815G60	0.06	0.06	0	0	0	0
200_80	A815G60	A815G60	0.05	0.05	0	0	0	0
53_40	A815G60	A815G60	0.05	0.05	0	0	0	0
53_50	A815G60	A815G60	0.05	0.05	0	0	0	0

Table: Frame Section Properties 13 - Time Dependent

Table: Frame Section Properties 13 - Time Dependent

SectionName	Type	AutoValue	AutoValue	AutoValue
140_80	Auto	0.38542	1	
180_40	User	0	1	0.1
200_80	Auto	0.44444	1	
53_40	User	0	1	0.1

Table: Frame Section Properties 13 - Time Dependent

SectionName	Type	AutoValue	AutoValue	AutoValue
53_50	User	0	1	0.1

Table: Joint Spring Assignments 1 - Uncoupled

Table: Joint Spring Assignments 1 - Uncoupled

Joint	CoordSys	IS	IS	IS	IS	IS	IS
2	Local	50000	50000	50000	50000	50000	50000
3	Local	50000	50000	50000	50000	50000	50000
5	Local	50000	50000	50000	50000	50000	50000
6	Local	50000	50000	50000	50000	50000	50000
7	Local	50000	50000	50000	50000	50000	50000
8	Local	50000	50000	50000	50000	50000	50000
9	Local	50000	50000	50000	50000	50000	50000

Table: Load Pattern Definitions

Table: Load Pattern Definitions

LoadPat	DesignType	SelfWeight	AutoLoad	GUID	Notes
DEAD	Dead	1			
LIVE	Dead	1			

Table: Material Properties 01 - General, Part 1 of 2

Table: Material Properties 01 - General, Part 1 of 2

Material	Type	Grade	SpecType	TempDepen	Color	GUID
4000Psi	Concrete	Grade 270	Isotropic	No	Blue	
A415G270	Tendon	Grade 270	Uniaxial	No	Magenta	b851b1b-d0ca-439c-b161-057414a59a10
A815G60	Rebar	Grade 60	Uniaxial	No	White	
A892Fy50	Steel	Grade 50	Isotropic	No	GrayDark	

Table: Material Properties 01 - General, Part 2 of 2

Table: Material Properties 01 - General, Part 2 of 2

Material	Notes
4000Psi	Normalweight f'c = 4 ksi added 3/9/2020 2:40:40 PM
A415G270	ASTM A415 Grade 270 21/7/2022 6:34:17 PM
A815G60	ASTM A815 Grade 60 added 3/9/2020 2:43:50 PM
A892Fy50	ASTM A892 Fy=50 ksi added 3/9/2020 2:40:40 PM

Table: Material Properties 02 - Basic Mechanical Properties

Table: Material Properties 02 - Basic Mechanical Properties

Material	UnitWeight	UnitWeight	E1	E2	U12	A1
4000Psi	2.3685E+01	2.4022E+00	24955678.28	10355490.85	0.2	9.9000E-08
A415G270	7.5873E+01	7.8490E+00	19850086.9			1.1700E-08
A815G60	7.8971E+01	7.8490E+00	198947978.5			1.1700E-08
A892Fy50	7.8973E+01	7.8490E+00	198947978.5	7890366.77	0.3	1.1700E-08

Table: Material Properties 03a - Steel Data, Part 1 of 2

Table: Material Properties 03a - Steel Data, Part 1 of 2

Material	IS	Fy	Fu	ESF	ESF	ESF	ESF	ESF
A992Fy50	344737.22	446155.26	379211.85	482875.19	Simple	Kinematic	0.015	0.11

Table: Material Properties 03a - Steel Data, Part 2 of 2

Table: Material Properties 03a - Steel Data, Part 2 of 2

Material	ESF	ESF
A992Fy50	0.17	-0.1

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

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

Material	Fc	Fc	ESF	ESF	ESF	ESF	ESF
4000Psi	27578.03	27578.03	No	Mander	Tabata	0.002219	0.005

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

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

Material	ESF	ESF
4000Psi	0	0

Table: Material Properties 03c - Rebar Data, Part 1 of 2

Table: Material Properties 03c - Rebar Data, Part 1 of 2

Material	Fy	Fu	ESF	ESF	ESF	ESF	ESF
A815G60	413685.47	828282.21	455064.82	825881.05	Simple	Kinematic	0.01

Table: Material Properties 03e - Rebar Data, Part 2 of 2

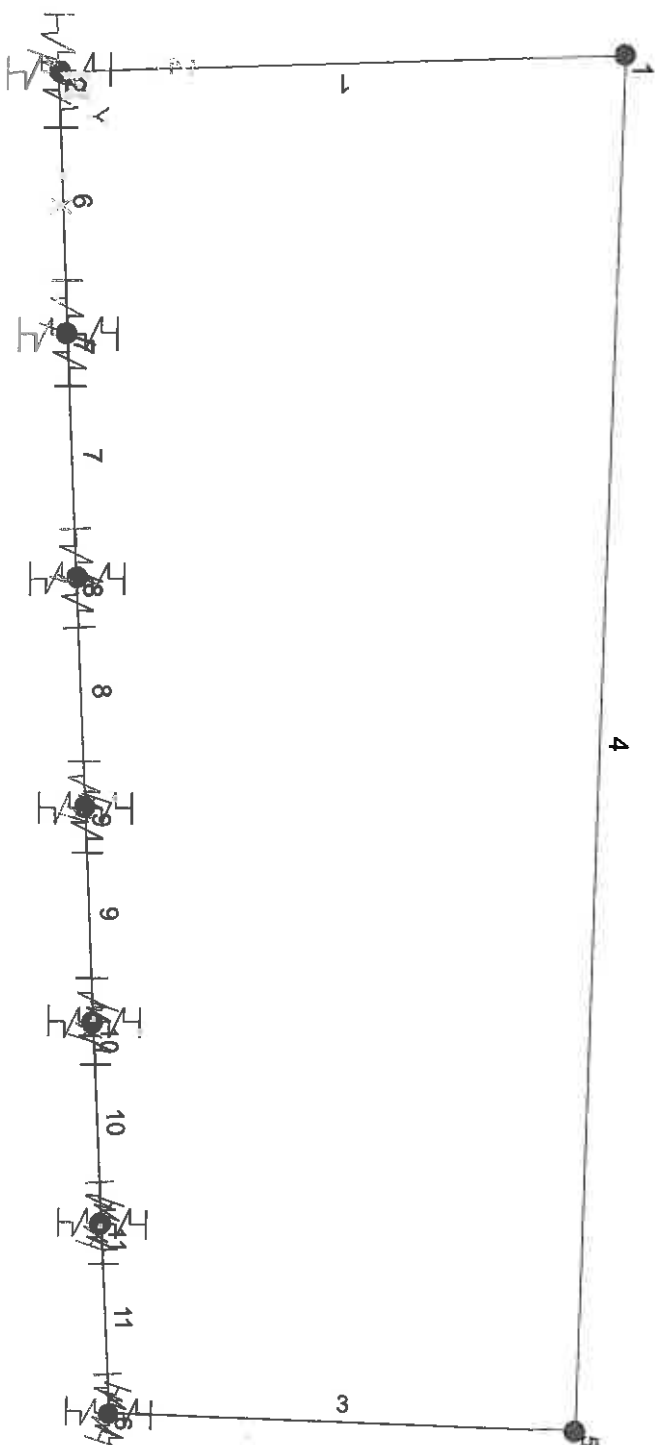
Table: Material Properties 03e - Rebar Data, Part 2 of 2		
Material	FinalShape	UseCTDef
A519Gr60	-0.1	No

Table: Material Properties 03f - Tendon Data

Table: Material Properties 03f - Tendon Data					
Material	Py	Ps	SSCurveOpt	SSHydType	FinalShape
A419Gr270	100ksi	100ksi	270 ksi	Kinematic	-0.1

Table: Material Properties 06 - Damping Parameters

Table: Material Properties 06 - Damping Parameters					
Material	ModellRate	ViscDamp	ViscDamp	HystDamp	HystDamp
4000ksi	0.	0.	0.	0.	0.
A419Gr270	0.	0.	0.	0.	0.
A519Gr60	0.	0.	0.	0.	0.
A82Py50	0.	0.	0.	0.	0.



ΦΟΡΤΙΑ ΥΠΟΛΟΓΙΣΜΟΥ ΤΕΧΝΙΚΟΥ ΔΑΦΝΩΝΑ
(DIN – Fachbericht 101)

- 1) Ιδίο βάρος σπλισμένου σκυροδέματος
(Εφαρμόζεται στην πλάκα καταστρώματος και στα βάρβα)

25,00 KN/m³

- 2) Πρόσθετα Μόνιμα
Ιδίο βάρος αόπλου σκυροδέματος
Μέσο πάχος στρώσης

24,00 KN/m³
0,09 m
2,16 KN/m²

Ιδίο βάρος ασφαλικών στρώσεων
Συνολικό πάχος ασφαλικού

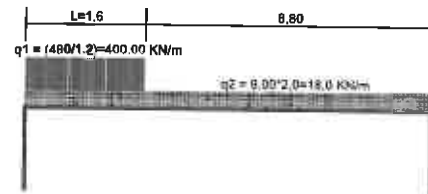
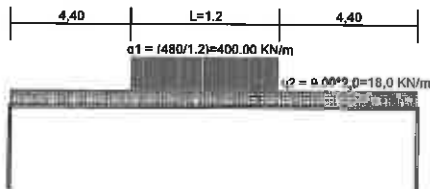
24,00 KN/m³
0,1 m
2,40 KN/m²

Συνολικό πρόσθετο μόνιμο

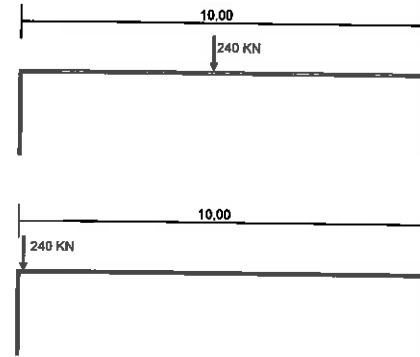
4,56 KN/m²

- 3Α) Προσμοίωμα φόρτισης 1 (ΠΦ1)

Άνοιγμα 10,00 m
Πλάτος φόρτισης 2,40 m
Μήκος οχήματος 1,20 m
Φορτίο οχήματος 480 KN



- 4) Προσμοίωμα φόρτισης 2 (ΠΦ2)



- 5) Τροχοπέδηση +
Συνολικό μήκος τεχνικού L=

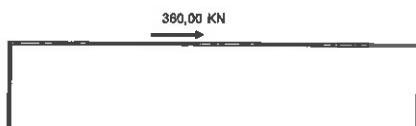
12,00 m

Συνολική δύναμη τροχοπέδησης

$$Q_{lk} = 0.6 \cdot (\alpha Q_l) \cdot (2 \cdot Q_{lk}) + 0.10 \cdot \alpha q_l \cdot q_{lk} \cdot w_l \cdot L =$$

360.00 KN <= 360.00 KN <= 900

$\alpha Q_l = 1.00$
 $Q_{lk} = 240.00$ KN
 $\alpha q_l = 1.00$
 $q_{lk} = 9.00$ KN/m²
 $w_l = 3.00$ m



- 6) Τροχοπέδηση -



- 7) Θερμοκρασιακή μεταβολή -

Ελάχιστη θερμοκρασία υπό σκιά

-20.00 °C

Μέγιστη θερμοκρασία υπό σκιά

45.00 °C

$T_{amin} =$

-13.00 °C

$T_{emax} =$

45.00 °C

$T_o =$

15.00 °C

$\Delta T_{N,neg} =$

-28.00 °C

$\alpha t = 10^{-5} \rightarrow \Delta L =$

-0.00028

- 8) Θερμοκρασιακή μεταβολή +

$\Delta T_{N,pos} =$

$\alpha t = 10^{-5} \rightarrow \Delta L =$

30.00 °C
0.00030

- 9) Διαφορική θερμοκρασιακή μεταβολή -
(Κάτω πλευρά πιο θερμή)

Πάχος φορέα =

h =

1.00 m

$\Delta T_{M,neg} =$

Καμπυλότητα = -8.00 * (10⁻⁵ / h) =

-8.00 °C
-0.00080

- 10) Διαφορική θερμοκρασιακή μεταβολή +

(Άνω πλευρά πιο θερμή)

Πάχος επίστρωσης (0, 50, 80, 100, 150, 300 mm) =

100 mm

Συντελεστής επιρροής =

0.70

$\Delta T_{M,pos} =$

Καμπυλότητα = 10.50 * (10⁻⁵ / h) =

10.50 °C
0.000105

- 11) Ωθήσεις γαλίων ηρεμίας
 $\varphi = 30^\circ \rightarrow K_o = 1 - \sin \varphi = 0.5$

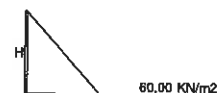
Ύψος εφαρμογής H =

5.00 m

Ειδικό βάρος εδάφους γ =

20.00 KN/m³

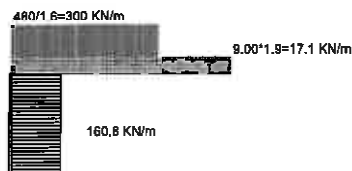
Αναπτυσσόμενες ωθήσεις = $K_o \cdot H \cdot \gamma =$



- 12) Κινητή πίσω από ακρόβαθρο -

$$q1 \cdot K_0 + q2 \cdot K_0 =$$

160,80 KN/m



- 13) Κινητή πίσω από ακρόβαθρο +

-158,55 KN/m

- 14) Σεισμός στα μόνιμα φορτία και στα φορτία κυκλοφορίας+

Μόνιμα φορτία
Πάχος βόθρων
Αριθμός βόθρων

1,00 m
2

Σεισμικός συντελεστής
Συντελεστής σπουδαιότητας
Συντελεστής θεμελίωσης
 $\beta_0 =$
 $\alpha =$

0,24
1,00
1,00
2,50
0,80

Σεισμικό φορτίο
Ανωδομή
Βάθρα
Πλάτος φόρτισης
Ανωδομή
Βάθρα

15 KN/m2
15,00 KN/m2
2,40 m
36,00 KN/m
36,00 KN/m

Πρόσθετα μόνιμα
Συνολικό πρόσθετο μόνιμο
Σεισμικό φορτίο
Πλάτος φόρτισης
Ανωδομή

4,56 KN/m2
2,74 KN/m2
2,40 m
6,57 KN/m

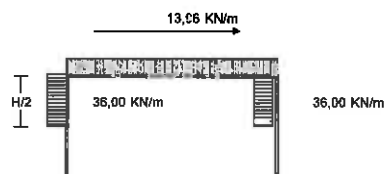
Κινητά φορτία

Αναγωγή κύριου σχήματος σε καταμετρημένο φορτίο x 0.2
Λοιπά καταμετρημένα φορτία x 0.2

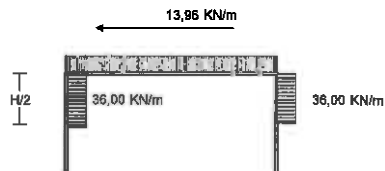
8,00 KN/m
4,32 KN/m

*Άθροισμα γραμμικών φορτίων ανωδομής

12,32 KN/m



- 15) Σεισμός στα μόνιμα φορτία και στα φορτία κυκλοφορίας-



- 16) Ωθήσεις σεισμού αντίθετες

Τοίχοι πρακτικώς αμετακίνητοι

$$\sigma_1 = 0,5 \cdot \alpha \cdot \gamma \cdot H \cdot 2,4 = 34,56 \text{ KN/m}$$

$$\sigma_2 = 1,5 \cdot \alpha \cdot \gamma \cdot H \cdot 2,4 = 103,68 \text{ KN/m}$$



- 17) Ωθήσεις σεισμού ομόφορες +

Τοίχοι με περιορισμένη δυνατότητα μετακίνησης
 $\sigma_1 = 0,75 \cdot \alpha \cdot \gamma \cdot H \cdot 2,4 = 51,04 \text{ KN/m}$



- 18) Ωθήσεις σεισμού ομόφορες -



foreess.sdb

Table: Element Forces - Frames, Part 1 of 3

Frame	Element	Release	CaseType	StepType	Node	P	V2	V3
						KN	KN	KN
1	0	DEAD	LinStatic			-701,258	-23,758	0
1	2,05487	DEAD	LinStatic			-540,758	-23,758	0
1	4,10994	DE/D	LinStatic			-1180,275	-23,758	0
1	0	MODAL	LinModal	Mode	1	3,634E-09	2,107E-09	983,798
1	2,05487	MODAL	LinModal	Mode	1	3,634E-09	2,107E-09	983,798
1	4,10994	MODAL	LinModal	Mode	1	3,634E-09	2,107E-09	983,798
1	0	MODAL	LinModal	Mode	2	-3002,85	2499,282	-3,004E-09
1	2,05487	MODAL	LinModal	Mode	2	-3002,85	2499,282	-3,004E-09
1	4,10994	MODAL	LinModal	Mode	2	-3002,85	2499,282	-3,004E-09
1	0	MODAL	LinModal	Mode	3	1,818E-07	1,028E-07	-3200,683
1	2,05487	MODAL	LinModal	Mode	3	1,818E-07	1,028E-07	-3200,683
1	4,10994	MODAL	LinModal	Mode	3	1,818E-07	1,028E-07	-3200,683
1	0	MODAL	LinModal	Mode	4	-8487,999	-2184,887	3,551E-12
1	2,05487	MODAL	LinModal	Mode	4	-8487,999	-2184,887	3,551E-12
1	4,10994	MODAL	LinModal	Mode	4	-8487,999	-2184,887	3,551E-12
1	0	MODAL	LinModal	Mode	5	3684,397	5005,545	-1,751E-12
1	2,05487	MODAL	LinModal	Mode	5	3684,397	5005,545	-1,751E-12
1	4,10994	MODAL	LinModal	Mode	5	3684,397	5005,545	-1,751E-12
1	0	MODAL	LinModal	Mode	6	-7,289E-12	2,241E-12	1128,203
1	2,05487	MODAL	LinModal	Mode	6	-7,289E-12	2,241E-12	1128,203
1	4,10994	MOD/L	LinModal	Mode	6	-7,289E-12	2,241E-12	1128,203
1	0	MODAL	LinModal	Mode	7	-3,811E-11	-33524,549	-5,17E-13
1	2,05487	MODAL	LinModal	Mode	7	-3,811E-11	-33524,549	-5,17E-13
1	4,10994	MODAL	LinModal	Mode	7	-3,811E-11	-33524,549	-5,17E-13
1	0	MODAL	LinModal	Mode	8	-8,953E-12	-2,039E-12	-23084,689
1	2,05487	MODAL	LinModal	Mode	8	-8,953E-12	-2,039E-12	-23084,689
1	4,10994	MOD/L	LinModal	Mode	8	-8,953E-12	-2,039E-12	-23084,689
1	0	MODAL	LinModal	Mode	9	44880,234	27,53,237	1,482E-12
1	2,05487	MODAL	LinModal	Mode	9	44880,234	27,53,237	1,482E-12
1	4,10994	MODAL	LinModal	Mode	9	44880,234	27,53,237	1,482E-12
1	0	MODAL	LinModal	Mode	10	7,733E-11	5,441E-12	-1181,901
1	2,05487	MODAL	LinModal	Mode	10	7,733E-11	5,441E-12	-1181,901
1	4,10994	MODAL	LinModal	Mode	10	7,733E-11	5,441E-12	-1181,901
1	0	MODAL	LinModal	Mode	11	-1,858E-11	-71108,683	1,477E-12
1	2,05487	MODAL	LinModal	Mode	11	-1,858E-11	-71108,683	1,477E-12
1	4,10994	MODAL	LinModal	Mode	11	-1,858E-11	-71108,683	1,477E-12
1	0	MODAL	LinModal	Mode	12	-2836,25	10127,764	2,577E-11
1	2,05487	MODAL	LinModal	Mode	12	-2836,25	10127,764	2,577E-11
1	4,10994	MOD/L	LinModal	Mode	12	-2836,25	10127,764	2,577E-11
1	0	LIVE	LinStatic			-358,8	84,54	0
1	2,05487	LIVE	LinStatic			-358,8	84,54	0
1	4,10994	LIVE	LinStatic			-358,8	84,54	0
1	0	DCON1	Combination			-946,899	-32,045	0
1	2,05487	DCON1	Combination			-946,899	-32,045	0
1	4,10994	DCON1	Combination			-946,899	-32,045	0
1	0	DCON2	Combination			-1484,889	84,734	0
1	2,05487	DCON2	Combination			-1484,889	84,734	0
1	4,10994	DCON2	Combination			-1484,889	84,734	0
2	0	DEAD	LinStatic			-701,258	23,758	0
2	2,05487	DEAD	LinStatic			-540,758	23,758	0
2	4,10994	DEAD	LinStatic			-1180,277	23,758	0
3	0	MODAL	LinModal	Mode	1	-4,110E-09	2,541E-10	983,794
3	2,05487	MODAL	LinModal	Mode	1	-4,110E-09	2,541E-10	983,794

Table: Element Forces - Frames, Part 1 of 3												
Frame	Station	OutputCase	CaseType	StepType	StepNum	U1	P	V1	U2	P	V2	U3
						KN		KN			KN	KN
3	4,10994	MODAL	LinModal	Mode	1	-4,118E-09		2,541E-10			693,704	
3	0	MODAL	LinModal	Mode	2	3,002,844		2499,288			3,411E-09	
3	2,05497	MODAL	LinModal	Mode	2	3,002,844		2499,288			3,411E-09	
3	4,10994	MODAL	LinModal	Mode	2	3,002,844		2499,288			3,411E-09	
3	0	MODAL	LinModal	Mode	3	-2,230E-07		1,867E-08			3200,57	
3	2,05497	MODAL	LinModal	Mode	3	-2,230E-07		1,867E-08			3200,667	
3	4,10994	MODAL	LinModal	Mode	3	-2,230E-07		1,867E-08			3200,667	
3	0	MODAL	LinModal	Mode	4	-8487,889		2155,287			-3,475E-12	
3	2,05497	MODAL	LinModal	Mode	4	-8487,889		2155,287			-3,475E-12	
3	4,10994	MODAL	LinModal	Mode	4	-8487,889		2155,287			-3,475E-12	
3	0	MODAL	LinModal	Mode	5	-3583,883		5005,343			1,861E-12	
3	2,05497	MODAL	LinModal	Mode	5	-3583,883		5005,343			1,861E-12	
3	4,10994	MODAL	LinModal	Mode	5	-3583,883		5005,343			1,861E-12	
3	0	MODAL	LinModal	Mode	6	-9,882E-13		-4,154E-13			1128,578	
3	2,05497	MODAL	LinModal	Mode	6	-9,882E-13		-4,154E-13			1128,578	
3	4,10994	MODAL	LinModal	Mode	6	-9,882E-13		-4,154E-13			1128,578	
3	0	MODAL	LinModal	Mode	7	3,351,258		-33524,477			3,476E-13	
3	2,05497	MODAL	LinModal	Mode	7	3,351,258		-33524,477			3,476E-13	
3	4,10994	MODAL	LinModal	Mode	7	3,351,258		-33524,477			3,476E-13	
3	0	MODAL	LinModal	Mode	8	1,481E-11		-4,810E-12			23064,631	
3	2,05497	MODAL	LinModal	Mode	8	1,481E-11		-4,810E-12			23064,631	
3	4,10994	MODAL	LinModal	Mode	8	1,481E-11		-4,810E-12			23064,631	
3	0	MODAL	LinModal	Mode	9	44,250,234		-28455,82			-1,477E-12	
3	2,05497	MODAL	LinModal	Mode	9	44,250,234		-28455,82			-1,477E-12	
3	4,10994	MODAL	LinModal	Mode	9	44,250,234		-28455,82			-1,477E-12	
3	0	MODAL	LinModal	Mode	10	1,247E-10		5,126E-12			-1166,786	
3	2,05497	MODAL	LinModal	Mode	10	1,247E-10		5,126E-12			-1166,786	
3	4,10994	MODAL	LinModal	Mode	10	1,247E-10		5,126E-12			-1166,786	
3	0	MODAL	LinModal	Mode	11	18580,874		-71106,723			-1,583E-12	
3	2,05497	MODAL	LinModal	Mode	11	18580,874		-71106,723			-1,583E-12	
3	4,10994	MODAL	LinModal	Mode	11	18580,874		-71106,723			-1,583E-12	
3	0	MODAL	LinModal	Mode	12	-2833,888		-18128,069			-2,843E-11	
3	2,05497	MODAL	LinModal	Mode	12	-2833,888		-18128,069			-2,843E-11	
3	4,10994	MODAL	LinModal	Mode	12	-2833,888		-18128,069			-2,843E-11	
3	0	LIVE	LinStatic			-358,8		-34,54			0	
3	2,05497	LIVE	LinStatic			-358,8		-34,54			0	
3	4,10994	LIVE	LinStatic			-358,8		-34,54			0	
3	0	DCON1	Combination			-946,685		32,045			0	
3	2,05497	DCON1	Combination			-1270,072		32,046			0	
3	4,10994	DCON1	Combination			-1693,374		32,046			0	
3	0	DCON2	Combination			-1484,898		-94,784			0	
3	2,05497	DCON2	Combination			-1808,238		-94,784			0	
3	4,10994	DCON2	Combination			-2151,574		-94,784			0	
4	0	DEAD	LinStatic			23,738		-701,277			0	
4	0,5	DEAD	LinStatic			23,738		-573,767			0	
4	1	DEAD	LinStatic			23,738		-510,006			0	
4	1,5	DEAD	LinStatic			23,738		-441,228			0	
4	2,5	DEAD	LinStatic			23,738		-382,505			0	
4	3	DEAD	LinStatic			23,738		-326,764			0	
4	3,5	DEAD	LinStatic			23,738		-287,003			0	
4	4	DEAD	LinStatic			23,738		-181,253			0	
4	4,5	DEAD	LinStatic			23,738		-127,502			0	
4	5	DEAD	LinStatic			23,738		-53,751			0	

Table: Element Forces - Frames, Part 1 of 3												
Frame	Station	OutputCase	CaseType	StepType	StepNum	U1	P	V1	U2	P	V2	U3
						KN		KN			KN	KN
4	5,5	DEAD	LinStatic			23,738		-4,100E-04			0	
4	6	DEAD	LinStatic			23,738		63,75			0	
4	6,5	DEAD	LinStatic			23,738		127,591			0	
4	7	DEAD	LinStatic			23,738		255,003			0	
4	7,5	DEAD	LinStatic			23,738		318,753			0	
4	8	DEAD	LinStatic			23,738		382,504			0	
4	8,5	DEAD	LinStatic			23,738		448,255			0	
4	9	DEAD	LinStatic			23,738		510,006			0	
4	9,5	DEAD	LinStatic			23,738		573,758			0	
4	10	DEAD	LinStatic			23,738		637,507			0	
4	10,5	DEAD	LinStatic			23,738		701,258			0	
4	11	DEAD	LinStatic			23,738		765,009			0	
4	0	MODAL	LinModal	Mode	1	3,023E-10		-3,516E-10			-3,873E-03	
4	0,5	MODAL	LinModal	Mode	1	3,023E-10		-3,516E-10			-3,873E-03	
4	1	MODAL	LinModal	Mode	1	3,023E-10		-3,516E-10			-3,873E-03	
4	1,5	MODAL	LinModal	Mode	1	3,023E-10		-3,516E-10			-3,873E-03	
4	2	MODAL	LinModal	Mode	1	3,023E-10		-3,516E-10			-3,873E-03	
4	2,5	MODAL	LinModal	Mode	1	3,023E-10		-3,516E-10			-3,873E-03	
4	3	MODAL	LinModal	Mode	1	3,023E-10		-3,516E-10			-3,873E-03	
4	3,5	MODAL	LinModal	Mode	1	3,023E-10		-3,516E-10			-3,873E-03	
4	4	MODAL	LinModal	Mode	1	3,023E-10		-3,516E-10			-3,873E-03	
4	4,5	MODAL	LinModal	Mode	1	3,023E-10		-3,516E-10			-3,873E-03	
4	5	MODAL	LinModal	Mode	1	3,023E-10		-3,516E-10			-3,873E-03	
4	5,5	MODAL	LinModal	Mode	1	3,023E-10		-3,516E-10			-3,873E-03	
4	6	MODAL	LinModal	Mode	1	3,023E-10		-3,516E-10			-3,873E-03	
4	6,5	MODAL	LinModal	Mode	1	3,023E-10		-3,516E-10			-3,873E-03	
4	7	MODAL	LinModal	Mode	1	3,023E-10		-3,516E-10			-3,873E-03	
4	7,5	MODAL	LinModal	Mode	1	3,023E-10		-3,516E-10			-3,873E-03	
4	8	MODAL	LinModal	Mode	1	3,023E-10		-3,516E-10			-3,873E-03	
4	8,5	MODAL	LinModal	Mode	1	3,023E-10		-3,516E-10			-3,873E-03	
4	9	MODAL	LinModal	Mode	1	3,023E-10		-3,516E-10			-3,873E-03	
4	9,5	MODAL	LinModal	Mode	1	3,023E-10		-3,516E-10			-3,873E-03	
4	10	MODAL	LinModal	Mode	1	3,023E-10		-3,516E-10			-3,873E-03	
4	10,5	MODAL	LinModal	Mode	1	3,023E-10		-3,516E-10			-3,873E-03	
4	11	MODAL	LinModal	Mode	1	3,023E-10		-3,516E-10			-3,873E-03	
4	0	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	0,5	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	1	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	1,5	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	2	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	2,5	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	3	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	3,5	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	4	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	4,5	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	5	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	5,5	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	6	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	6,5	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	7	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	7,5	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	8	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	8,5	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	9	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	9,5	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	10	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	10,5	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	11	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	

Table: Element Forces - Frames, Part 1 of 3												
Frame	Station	OutputCase	CaseType	StepType	StepNum	U1	P	V1	U2	P	V2	U3
						KN		KN			KN	KN
4	9,5	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	10	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	10,5	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	11	MODAL	LinModal	Mode	2	-0,037		-999,919			-1,053E-08	
4	0	MODAL	LinModal	Mode	3	0,352E-09		-1,783E-08			-975,459	
4	0,5	MODAL	LinModal	Mode	3	0,352E-09		-1,783E-08			-975,459	
4	1	MODAL	LinModal	Mode	3	0,352E-09		-1,783E-08			-975,459	
4	1,5	MODAL	LinModal	Mode	3	0,352E-09		-1,783E-08			-975,459	
4	2	MODAL	LinModal	Mode	3	0,352E-09		-1,783E-08			-975,459	
4	2,5	MODAL	LinModal	Mode	3	0,352E-09		-1,783E-08			-975,459	
4	3	MODAL	LinModal	Mode	3	0,352E-09		-1,783E-08			-975,459	
4	3,5	MODAL	LinModal	Mode	3	0,352E-09		-1,783E-08			-975,459	
4	4	MODAL	LinModal	Mode	3	0,352E-09		-1,783E-08			-975,459	
4	4,5	MODAL	LinModal	Mode	3	0,352E-09		-1,783E-08			-975,459	
4	5	MODAL	LinModal	Mode	3	0,352E-09		-1,783E-08			-975,459	
4	5,5	MODAL	LinModal	Mode	3	0,352E-09		-1,783E-08			-975,459	
4	6	MODAL	LinModal	Mode	3	0,352E-09		-1,783E-08			-975,459	
4	6,5	MODAL	LinModal	Mode	3	0,352E-09		-1,783E-08			-975,459	
4	7	MODAL	LinModal	Mode	3	0,352E-09		-1,783E-08			-975,459	
4	7,5	MODAL	LinModal	Mode	3	0,352E-09		-1,783E-08			-975,459	
4	8	MODAL	LinModal	Mode	3	0,352E-09		-1,783E-08			-975,459	
4	8,5	MODAL	LinModal	Mode	3	0,352E-09		-1,783E-08			-975,459	
4	9	MODAL	LinModal	Mode	3	0,352E-09		-1,783E-08			-975,459	
4	9,5	MODAL	LinModal	Mode	3	0,352E-09		-1,783E-08			-975,459	
4	10	MODAL	LinModal	Mode	3	0,352E-09		-1,783E-08			-975,459	
4	10,5	MODAL	LinModal	Mode	3	0,352E-09		-1,783E-08			-975,459	
4	11	MODAL	LinModal	Mode	3	0,352E-09		-1,783E-08			-975,459	
4	0	MODAL	LinModal	Mode	4	2,201,639		-0,11	1,12E-12			
4	0,5	MODAL	LinModal	Mode	4	2,201,639		-0,11	1,12E-12			
4	1	MODAL	LinModal	Mode	4	2,201,639		-0,11	1,12E-12			
4	1,5	MODAL	LinModal	Mode	4	2,201,639		-0,11	1,12E-12			
4	2	MODAL	LinModal	Mode	4	2,201,639		-0,11	1,12E-12			
4	2,5	MODAL	LinModal	Mode	4	2,201,639		-0,11	1,12E-12			
4	3	MODAL	LinModal	Mode	4	2,201,639		-0,11	1,12E-12			
4	3,5	MODAL	LinModal	Mode	4	2,201,639		-0,11	1,12E-12			
4	4	MODAL	LinModal	Mode	4	2,201,639		-0,11	1,12E-12			
4	4,5	MODAL	LinModal	Mode	4	2,201,639		-0,11	1,12E-12			
4	5	MODAL	LinModal	Mode	4	2,201,639		-0,11	1,12E-12			
4	5,5	MODAL	LinModal	Mode	4	2,201,639		-0,11	1,12E-12			
4	6	MODAL	LinModal	Mode	4	2,201,639		-0,11	1,12E-12			
4	6,5	MODAL	LinModal	Mode	4	2,201,639		-0,11	1,12E-12			
4	7	MODAL	LinModal	Mode	4	2,201,639		-0,11	1,12E-12			
4	7,5	MODAL	LinModal	Mode	4	2,201,639		-0,11	1,12E-12			
4	8	MODAL	LinModal	Mode	4	2,201,639		-0,11	1,12E-12			
4	8,5	MODAL	LinModal	Mode	4	2,201,639		-0,11	1,12E-12			
4	9	MODAL	LinModal	Mode	4	2,201,639		-0,11	1,12E-12			
4	9,5	MODAL	LinModal	Mode	4	2,201,639		-0,11	1,12E-12			
4	10	MODAL	LinModal	Mode	4	2,201,639		-0,11	1,12E-12			
4	10,5	MODAL	LinModal	Mode	4	2,201,639		-0,11	1,12E-12			
4	11	MODAL	LinModal	Mode	4	2,201,639		-0,11	1,12E-12			
4	0	MODAL	LinModal	Mode	5	-0,102		-1919,878			-7,142E-13	
4	0,5	MODAL	LinModal	Mode	5	-0,102		-1919,878			-7,142E-13	
4	1	MODAL	LinModal	Mode	5	-0,102		-1919,878			-7,142E-13	
4	1,5	MODAL	LinModal	Mode	5	-0,102		-1919,878			-7,142E-13	

Table: Element Faces - Frames, Part 1 of 3									
Frame	Node	Output Code	ConnType	ElementType	Shape	V1 IN	P IN	V2 IN	V3 IN
4	8	MODAL	LinkModal	Mode	7	0.038	12789.271	-6.477E-13	
4	6.5	MODAL	LinkModal	Mode	7	0.0-3	12789.271	-6.477E-13	
4	7	MODAL	LinkModal	Mode	7	0.038	12789.271	-6.477E-13	
4	7.5	MODAL	LinkModal	Mode	7	0.019	12789.271	-6.477E-13	
4	8	MODAL	LinkModal	Mode	7	0.038	12789.271	-6.477E-13	
4	8.5	MODAL	LinkModal	Mode	7	0.038	12789.271	-6.477E-13	
4	9	MODAL	LinkModal	Mode	7	0.038	12789.271	-6.477E-13	
4	9.5	MODAL	LinkModal	Mode	7	0.038	12789.271	-6.477E-13	
4	10	MODAL	LinkModal	Mode	7	0.038	12789.271	-6.477E-13	
4	10.5	MODAL	LinkModal	Mode	7	0.038	12789.271	-6.477E-13	
4	11	MODAL	LinkModal	Mode	7	0.038	12789.271	-6.477E-13	
4	0	MODAL	LinkModal	Mode	8	-1.813E-12	5.174E-15	-7830.264	
4	0.6	MODAL	LinkModal	Mode	8	-1.813E-12	5.174E-15	-7830.264	
4	1	MODAL	LinkModal	Mode	8	-1.813E-12	5.174E-15	-7830.264	
4	1.6	MODAL	LinkModal	Mode	8	-1.713E-12	5.174E-15	-7830.264	
4	2	MODAL	LinkModal	Mode	8	-1.813E-12	5.174E-15	-7830.264	
4	2.7	MODAL	LinkModal	Mode	8	-1.813E-12	5.174E-15	-7830.264	
4	3	MODAL	LinkModal	Mode	8	-1.813E-12	5.174E-15	-7830.264	
4	3.5	MODAL	LinkModal	Mode	8	-1.713E-12	5.174E-15	-7830.264	
4	4	MODAL	LinkModal	Mode	8	-1.813E-12	5.174E-15	-7830.264	
4	4.5	MODAL	LinkModal	Mode	8	-1.813E-12	5.174E-15	-7830.264	
4	5	MODAL	LinkModal	Mode	8	-1.813E-12	5.174E-15	-7830.264	
4	5.5	MODAL	LinkModal	Mode	8	-1.813E-12	5.174E-15	-7830.264	
4	6	MODAL	LinkModal	Mode	8	-1.813E-12	5.174E-15	-7830.264	
4	6.5	MODAL	LinkModal	Mode	8	-1.813E-12	5.174E-15	-7830.264	
4	7	MODAL	LinkModal	Mode	8	-1.813E-12	5.174E-15	-7830.264	
4	7.5	MODAL	LinkModal	Mode	8	-1.813E-12	5.174E-15	-7830.264	
4	8	MODAL	LinkModal	Mode	8	-1.813E-12	5.174E-15	-7830.264	
4	8.5	MODAL	LinkModal	Mode	8	-1.813E-12	5.174E-15	-7830.264	
4	9	MODAL	LinkModal	Mode	8	-1.813E-12	5.174E-15	-7830.264	
4	9.5	MODAL	LinkModal	Mode	8	-1.813E-12	5.174E-15	-7830.264	
4	10	MODAL	LinkModal	Mode	8	-1.813E-12	5.174E-15	-7830.264	
4	10.5	MODAL	LinkModal	Mode	8	-1.813E-12	5.174E-15	-7830.264	
4	11	MODAL	LinkModal	Mode	8	-1.813E-12	5.174E-15	-7830.264	
4	0	MODAL	LinkModal	Mode	9	-31602.559	0.047	4.903E-13	
4	0.5	MODAL	LinkModal	Mode	9	-31602.559	0.047	4.903E-13	
4	1	MODAL	LinkModal	Mode	9	-31602.559	0.047	4.903E-13	
4	1.5	MODAL	LinkModal	Mode	9	-31602.559	0.047	4.903E-13	
4	2	MODAL	LinkModal	Mode	9	-31602.559	0.047	4.903E-13	
4	2.5	MODAL	LinkModal	Mode	9	-31602.559	0.047	4.903E-13	
4	3	MODAL	LinkModal	Mode	9	-31602.559	0.047	4.903E-13	
4	3.5	MODAL	LinkModal	Mode	9	-31602.559	0.047	4.903E-13	
4	4	MODAL	LinkModal	Mode	9	-31602.559	0.047	4.903E-13	
4	4.5	MODAL	LinkModal	Mode	9	-31602.559	0.047	4.903E-13	
4	5	MODAL	LinkModal	Mode	9	-31602.559	0.047	4.903E-13	
4	5.5	MODAL	LinkModal	Mode	9	-31602.559	0.047	4.903E-13	
4	6	MODAL	LinkModal	Mode	9	-31602.559	0.047	4.903E-13	
4	6.5	MODAL	LinkModal	Mode	9	-31602.559	0.047	4.903E-13	
4	7	MODAL	LinkModal	Mode	9	-31602.559	0.047	4.903E-13	
4	7.5	MODAL	LinkModal	Mode	9	-31602.559	0.047	4.903E-13	
4	8	MODAL	LinkModal	Mode	9	-31602.559	0.047	4.903E-13	
4	8.5	MODAL	LinkModal	Mode	9	-31602.559	0.047	4.903E-13	
4	9	MODAL	LinkModal	Mode	9	-31602.559	0.047	4.903E-13	
4	9.5	MODAL	LinkModal	Mode	9	-31602.559	0.047	4.903E-13	

Table: Element Factors - Frames, Part 9 of 3										
Frame	Section	OriginalCase	CaseType	SubType	Stiffness	K _{xx}	P	K _{yy}	V ₂	V ₃
	IN			R		KIN		KIN		KIN
1	10	MODAL	LinModal	Mode	9	-31602.569		0.047	4.903E-13	
1	10.5	MODAL	LinModal	Mode	9	-31602.569		0.047	4.903E-13	
1	11	MODAL	LinModal	Mode	9	-31602.569		0.047	4.903E-13	
1	9	MODAL	LinModal	Mode	10	-8.447E-11		-1.002E-12	0.038	
1	0.5	MODAL	LinModal	Mode	10	-8.447E-11		-1.002E-12	0.038	
1	1	MODAL	LinModal	Mode	10	-8.447E-11		-1.002E-12	0.038	
1	1.5	MODAL	LinModal	Mode	10	-8.447E-11		-1.002E-12	0.038	
1	2	MODAL	LinModal	Mode	10	-8.447E-11		-1.002E-12	0.038	
1	2.5	MODAL	LinModal	Mode	10	-8.447E-11		-1.002E-12	0.038	
1	3	MODAL	LinModal	Mode	10	-8.447E-11		-1.002E-12	0.038	
1	3.5	MODAL	LinModal	Mode	10	-8.447E-11		-1.002E-12	0.038	
1	4	MODAL	LinModal	Mode	10	-8.447E-11		-1.002E-12	0.038	
1	4.5	MODAL	LinModal	Mode	10	-8.447E-11		-1.002E-12	0.038	
1	5	MODAL	LinModal	Mode	10	-8.447E-11		-1.002E-12	0.038	
1	5.5	MODAL	LinModal	Mode	10	-8.447E-11		-1.002E-12	0.038	
1	6	MODAL	LinModal	Mode	10	-8.447E-11		-1.002E-12	0.038	
1	6.5	MODAL	LinModal	Mode	10	-8.447E-11		-1.002E-12	0.038	
1	7	MODAL	LinModal	Mode	10	-8.447E-11		-1.002E-12	0.038	
1	7.5	MODAL	LinModal	Mode	10	-8.447E-11		-1.002E-12	0.038	
1	8	MODAL	LinModal	Mode	10	-8.447E-11		-1.002E-12	0.038	
1	8.5	MODAL	LinModal	Mode	10	-8.447E-11		-1.002E-12	0.038	
1	9	MODAL	LinModal	Mode	10	-8.447E-11		-1.002E-12	0.038	
1	9.5	MODAL	LinModal	Mode	10	-8.447E-11		-1.002E-12	0.038	
1	10	MODAL	LinModal	Mode	10	-8.447E-11		-1.002E-12	0.038	
1	10.5	MODAL	LinModal	Mode	10	-8.447E-11		-1.002E-12	0.038	
1	11	MODAL	LinModal	Mode	10	-8.447E-11		-1.002E-12	0.038	
0	0	MODAL	LinModal	Mode	11	-0.07	1089.543		3.340E-13	
0	0.5	MODAL	LinModal	Mode	11	-0.07	1089.543		3.340E-13	
0	1	MODAL	LinModal	Mode	11	-0.07	1089.543		3.340E-13	
0	1.5	MODAL	LinModal	Mode	11	-0.07	1089.543		3.340E-13	
0	2	MODAL	LinModal	Mode	11	-0.07	1089.543		3.340E-13	
0	2.5	MODAL	LinModal	Mode	11	-0.07	1089.543		3.340E-13	
0	3	MODAL	LinModal	Mode	11	-0.07	1089.543		3.340E-13	
0	3.5	MODAL	LinModal	Mode	11	-0.07	1089.543		3.340E-13	
0	4	MODAL	LinModal	Mode	11	-0.07	1089.543		3.340E-13	
0	4.5	MODAL	LinModal	Mode	11	-0.07	1089.543		3.340E-13	
0	5	MODAL	LinModal	Mode	11	-0.07	1089.543		3.340E-13	
0	5.5	MODAL	LinModal	Mode	11	-0.07	1089.543		3.340E-13	
0	6	MODAL	LinModal	Mode	11	-0.07	1089.543		3.340E-13	
0	6.5	MODAL	LinModal	Mode	11	-0.07	1089.543		3.340E-13	
0	7	MODAL	LinModal	Mode	11	-0.07	1089.543		3.340E-13	
0	7.5	MODAL	LinModal	Mode	11	-0.07	1089.543		3.340E-13	
0	8	MODAL	LinModal	Mode	11	-0.07	1089.543		3.340E-13	
0	8.5	MODAL	LinModal	Mode	11	-0.07	1089.543		3.340E-13	
0	9	MODAL	LinModal	Mode	11	-0.07	1089.543		3.340E-13	
0	9.5	MODAL	LinModal	Mode	11	-0.07	1089.543		3.340E-13	
0	10	MODAL	LinModal	Mode	11	-0.07	1089.543		3.340E-13	
0	10.5	MODAL	LinModal	Mode	11	-0.07	1089.543		3.340E-13	
0	11	MODAL	LinModal	Mode	11	-0.07	1089.543		3.340E-13	
0	0	MODAL	LinModal	Mode	12	1157789.04	0.024	7.639E-12		
0	0.5	MODAL	LinModal	Mode	12	1157789.04	0.024	7.639E-12		
0	1	MODAL	LinModal	Mode	12	1157789.04	0.024	7.639E-12		
0	1.5	MODAL	LinModal	Mode	12	1157789.04	0.024	7.639E-12		
0	2	MODAL	LinModal	Mode	12	1157789.04	0.024	7.639E-12		

Table: Element Forces - Frame, Part 1 of 3									
Frame	Node	OutputCase	CaseType	StepType	StepNum	P	U1	U2	U3
	m					KN	mm	mm	mm
4	2.8	MODAL	LinModal	Mode	12	1157789.04	0.024	7.83E-12	0
4	3	MODAL	LinModal	Mode	12	1157789.04	0.024	7.939E-12	0
4	3.5	MODAL	LinModal	Mode	12	1157789.04	0.024	7.833E-12	0
4	MODAL	LinModal	Mode	12	1157789.04	0.024	7.839E-12	0	0
4	4.5	MODAL	LinModal	Mode	12	1157789.04	0.024	7.939E-12	0
4	5	MODAL	LinModal	Mode	12	1157789.04	0.024	7.939E-12	0
4	5.5	MODAL	LinModal	Mode	12	1157789.04	0.024	7.939E-12	0
4	6	MODAL	LinModal	Mode	12	1157789.04	0.024	7.939E-12	0
4	6.5	MODAL	LinModal	Mode	12	1157789.04	0.024	7.939E-12	0
4	MODAL	LinModal	Mode	12	1157789.04	0.024	7.939E-12	0	0
4	7.5	MODAL	LinModal	Mode	12	1157789.04	0.024	7.939E-12	0
4	8	MODAL	LinModal	Mode	12	1157789.04	0.024	7.939E-12	0
4	8.5	MODAL	LinModal	Mode	12	1157789.04	0.024	7.939E-12	0
4	9	MODAL	LinModal	Mode	12	1157789.04	0.024	7.939E-12	0
4	9.5	MODAL	LinModal	Mode	12	1157789.04	0.024	7.939E-12	0
4	MODAL	LinModal	Mode	12	1157789.04	0.024	7.939E-12	0	0
4	10.5	MODAL	LinModal	Mode	12	1157789.04	0.024	7.939E-12	0
4	11	MODAL	LinModal	Mode	12	1157789.04	0.024	7.939E-12	0
4	0	LIVE	LinStatic			-44.54	-358.8	0	0
4	0.5	LIVE	LinStatic			-44.54	-348	0	0
4	1	LIVE	LinStatic			-44.54	-337.2	0	0
4	1.5	LIVE	LinStatic			-44.54	-326.4	0	0
4	2	LIVE	LinStatic			-44.54	-315.6	0	0
4	2.5	LIVE	LinStatic			-44.54	-304.8	0	0
4	3	LIVE	LinStatic			-44.54	-294	0	0
4	3.5	LIVE	LinStatic			-44.54	-283.2	0	0
4	4	LIVE	LinStatic			-44.54	-272.4	0	0
4	4.5	LIVE	LinStatic			-44.54	-261.6	0	0
4	5	LIVE	LinStatic			-44.54	-250.8	0	0
4	5.5	LIVE	LinStatic			-44.54	-240.0	0	0
4	6	LIVE	LinStatic			-44.54	-230.0	0	0
4	6.5	LIVE	LinStatic			-44.54	-219.6	0	0
4	7	LIVE	LinStatic			-44.54	-209.2	0	0
4	7.5	LIVE	LinStatic			-44.54	-198.8	0	0
4	8	LIVE	LinStatic			-44.54	-188.4	0	0
4	8.5	LIVE	LinStatic			-44.54	-178.0	0	0
4	9	LIVE	LinStatic			-44.54	-167.6	0	0
4	9.5	LIVE	LinStatic			-44.54	-157.2	0	0
4	10	LIVE	LinStatic			-44.54	-146.8	0	0
4	10.5	LIVE	LinStatic			-44.54	-136.4	0	0
4	11	LIVE	LinStatic			-44.54	-126.0	0	0
4	0	DCONI	Combination			32.048	-948.898	0	0
4	0.5	DCONI	Combination			32.048	-880.838	0	0
4	1	DCONI	Combination			32.048	-774.572	0	0
4	1.5	DCONI	Combination			32.048	-688.590	0	0
4	2	DCONI	Combination			32.048	-602.446	0	0
4	2.5	DCONI	Combination			32.048	-516.382	0	0
4	3	DCONI	Combination			32.048	-430.318	0	0
4	3.5	DCONI	Combination			32.048	-344.255	0	0
4	4	DCONI	Combination			32.048	-258.191	0	0
4	4.5	DCONI	Combination			32.048	-172.128	0	0
4	5	DCONI	Combination			32.048	-86.064	0	0
4	5.5	DCONI	Combination			32.048	-0.000	0	0
4	6	DCONI	Combination			32.048	86.064	0	0

Table: Element Forces - Frames, Part 1 of 3									
Frame	Latitude	Outcrop	Class Type	Str Type	Strap Type	P	V2	V3	
	m					KN	KN	KN	
6	6.5	DDON1	Combination			32.046	172.120	0.	
7	7.	DDON1	Combination			32.046	256.10	0.	
8	7.5	DDON1	Combination			32.046	344.253	0.	
9	8.	DDON1	Combination			32.046	430.317	0.	
9	8.5	DDON1	Combination			32.046	516.28	0.	
9	9.	DDON1	Combination			32.046	602.444	0.	
9	9.5	DDON1	Combination			32.046	688.508	0.	
9	10.	DDON1	Combination			32.046	774.571	0.	
9	10.5	DDON1	Combination			32.046	860.635	0.	
9	11.	DDON2	Combination			32.046	946.699	0.	
9	0.5	DDON2	Combination			-34.764	-1494.689	0.	
9	1.	DDON2	Combination			-34.764	-1382.636	0.	
9	1.5	DDON2	Combination			-34.764	-1260.572	0.	
9	2.	DDON2	Combination			-34.764	-1178.109	0.	
9	2.5	DDON2	Combination			-34.764	-1079.516	0.	
9	3.	DDON2	Combination			-34.764	-973.582	0.	
9	3.5	DDON2	Combination			-34.764	-871.518	0.	
9	4.	DDON2	Combination			-34.764	-769.055	0.	
9	4.5	DDON2	Combination			-34.764	-666.781	0.	
9	5.	DDON2	Combination			-34.764	-564.528	0.	
9	5.5	DDON2	Combination			-34.764	-462.264	0.	
9	6.	DDON2	Combination			-34.764	-360.000	0.	
9	6.5	DDON2	Combination			-34.764	-257.736	0.	
9	7.	DDON2	Combination			-34.764	-155.482	0.	
9	7.5	DDON2	Combination			-34.764	-53.228	0.	
9	8.	DDON2	Combination			-34.764	49.025	0.	
9	8.5	DDON2	Combination			-34.764	151.317	0.	
9	9.	DDON2	Combination			-34.764	273.58	0.	
9	9.5	DDON2	Combination			-34.764	395.844	0.	
9	10.	DDON2	Combination			-34.764	518.106	0.	
9	10.5	DDON2	Combination			-34.764	640.371	0.	
9	11.	DDON2	Combination			-34.764	762.635	0.	
9	0.5	DEAD	LinStatic			-23.629	1464.808	0.	
9	0.919E-5	DEAD	LinStatic			-23.629	602.119	0.	
9	1.374E-3	DEAD	LinStatic			-23.629	693.637	0.	
9	1.853E-3	DEAD	LinStatic			-23.629	786.955	0.	
9	0.	MODAL	LinModal	Mode	1	-3.597E-07	-7.983E-09	692.59	
9	0.458E-3	MODAL	LinModal	Mode	1	-3.597E-07	-7.983E-09	692.59	
9	0.916E-5	MODAL	LinModal	Mode	1	-3.597E-07	-7.983E-09	692.59	
9	1.374E-8	MODAL	LinModal	Mode	1	-3.597E-07	-7.983E-09	692.59	
9	1.83E-7	MODAL	LinModal	Mode	1	-3.597E-07	-7.983E-09	692.59	
9	0.	MODAL	LinModal	Mode	2	1.846,878	778.093	1.895E-08	
9	0.458E-3	MODAL	LinModal	Mode	2	1.846,878	778.093	1.895E-08	
9	0.816E-6	MODAL	LinModal	Mode	2	1.846,878	778.093	1.895E-08	
9	1.374E-8	MODAL	LinModal	Mode	2	1.846,878	778.093	1.895E-08	
9	1.837E-7	MODAL	LinModal	Mode	2	1.846,878	778.093	1.895E-08	
9	0.	MODAL	LinModal	Mode	3	-1.855E-08	-3.730E-07	-3.82E-12	
9	0.458E-3	MODAL	LinModal	Mode	3	-1.855E-08	-3.730E-07	-3.82E-12	
9	0.816E-6	MODAL	LinModal	Mode	3	-1.855E-08	-3.730E-07	-3.82E-12	
9	1.374E-8	MODAL	LinModal	Mode	3	-1.855E-08	-3.730E-07	-3.82E-12	
9	1.833E-3	MODAL	LinModal	Mode	3	-1.855E-08	-3.730E-07	-3.82E-12	
9	0.	MODAL	LinModal	Mode	4	-2.01E-185	5953.271	-5.27E-12	

Table: Element Forces - Frames, Part 1 of 3												
Frame	Station	OutputCase	CaseType	SubType	Support	P	V1	V2	V3	V4	V5	V6
0	0.45833	MODAL	Unimodal	Mode	4	-2181.183	5093.371	-2.527E-12				
0	0.91666	MODAL	Unimodal	Mode	4	-2181.183	5093.371	-2.527E-12				
0	1.37498	MODAL	Unimodal	Mode	4	-2181.183	5093.371	-2.527E-12				
0	1.8333	MODAL	Unimodal	Mode	4	-2181.183	5093.371	-2.527E-12				
0	0	MODAL	Unimodal	Mode	5	4307.671	-3035.211	-1.306E-11				
0	0.45833	MODAL	Unimodal	Mode	5	4307.671	-3035.211	-1.306E-11				
0	0.91666	MODAL	Unimodal	Mode	5	4307.671	-3035.211	-1.306E-11				
0	1.37498	MODAL	Unimodal	Mode	5	4307.671	-3035.211	-1.306E-11				
0	1.8333	MODAL	Unimodal	Mode	5	4307.671	-3035.211	-1.306E-11				
0	0	MODAL	Unimodal	Mode	6	-2.121E-10	-5.544E-12	-1.339E-04				
0	0.45833	MODAL	Unimodal	Mode	6	-2.121E-10	-5.544E-12	-1.339E-04				
0	0.91666	MODAL	Unimodal	Mode	6	-2.121E-10	-5.544E-12	-1.339E-04				
0	1.37498	MODAL	Unimodal	Mode	6	-2.121E-10	-5.544E-12	-1.339E-04				
0	1.8333	MODAL	Unimodal	Mode	6	-2.121E-10	-5.544E-12	-1.339E-04				
0	0	MODAL	Unimodal	Mode	7	-1.8910.018	8325.869	3.807E-11				
0	0.45833	MODAL	Unimodal	Mode	7	-1.8910.018	8325.869	3.807E-11				
0	0.91666	MODAL	Unimodal	Mode	7	-1.8910.018	8325.869	3.807E-11				
0	1.37498	MODAL	Unimodal	Mode	7	-1.8910.018	8325.869	3.807E-11				
0	1.8333	MODAL	Unimodal	Mode	7	-1.8910.018	8325.869	3.807E-11				
0	0	MODAL	Unimodal	Mode	8	1.892E-11	8.734E-12	802.186				
0	0.45833	MODAL	Unimodal	Mode	8	1.892E-11	8.734E-12	802.186				
0	0.91666	MODAL	Unimodal	Mode	8	1.892E-11	8.734E-12	802.186				
0	1.37498	MODAL	Unimodal	Mode	8	1.892E-11	8.734E-12	802.186				
0	1.8333	MODAL	Unimodal	Mode	8	1.892E-11	8.734E-12	802.186				
0	0	MODAL	Unimodal	Mode	9	28485.608	-59005.79	-1.980E-12				
0	0.45833	MODAL	Unimodal	Mode	9	28485.608	-59005.79	-1.980E-12				
0	0.91666	MODAL	Unimodal	Mode	9	28485.608	-59005.79	-1.980E-12				
0	1.37498	MODAL	Unimodal	Mode	9	28485.608	-59005.79	-1.980E-12				
0	1.8333	MODAL	Unimodal	Mode	9	28485.608	-59005.79	-1.980E-12				
0	0	MODAL	Unimodal	Mode	10	-3.245E-10	-4.858E-11	101999.917				
0	0.45833	MODAL	Unimodal	Mode	10	-3.245E-10	-4.858E-11	101999.917				
0	0.91666	MODAL	Unimodal	Mode	10	-3.245E-10	-4.858E-11	101999.917				
0	1.37498	MODAL	Unimodal	Mode	10	-3.245E-10	-4.858E-11	101999.917				
0	1.8333	MODAL	Unimodal	Mode	10	-3.245E-10	-4.858E-11	101999.917				
0	0	MODAL	Unimodal	Mode	11	-45791.376	243274.305	7.843E-12				
0	0.45833	MODAL	Unimodal	Mode	11	-45791.376	243274.305	7.843E-12				
0	0.91666	MODAL	Unimodal	Mode	11	-45791.376	243274.305	7.843E-12				
0	1.37498	MODAL	Unimodal	Mode	11	-45791.376	243274.305	7.843E-12				
0	1.8333	MODAL	Unimodal	Mode	11	-45791.376	243274.305	7.843E-12				
0	0	MODAL	Unimodal	Mode	12	29928.972	3103.476	-8.891E-11				
0	0.45833	MODAL	Unimodal	Mode	12	29928.972	3103.476	-8.891E-11				
0	0.91666	MODAL	Unimodal	Mode	12	29928.972	3103.476	-8.891E-11				
0	1.37498	MODAL	Unimodal	Mode	12	29928.972	3103.476	-8.891E-11				
0	1.8333	MODAL	Unimodal	Mode	12	29928.972	3103.476	-8.891E-11				
0	0	LIVE	Unimodal	Mode	12	29928.972	3103.476	-8.891E-11				
0	0.45833	LIVE	Unimodal	Mode	12	29928.972	3103.476	-8.891E-11				
0	0.91666	LIVE	Unimodal	Mode	12	29928.972	3103.476	-8.891E-11				
0	1.37498	LIVE	Unimodal	Mode	12	29928.972	3103.476	-8.891E-11				
0	1.8333	LIVE	Unimodal	Mode	12	29928.972	3103.476	-8.891E-11				
0	0	MODAL	Unimodal	Mode	13	35969.981	-30585.246	7.846E-11				
0	0.45833	MODAL	Unimodal	Mode	13	35969.981	-30585.246	7.846E-11				
0	0.91666	MODAL	Unimodal	Mode	13	35969.981	-30585.246	7.846E-11				
0	1.37498	MODAL	Unimodal	Mode	13	35969.981	-30585.246	7.846E-11				
0	1.8333	MODAL	Unimodal	Mode	13	35969.981	-30585.246	7.846E-11				
0	0	LIVE	Unimodal	Mode	13	35969.981	-30585.246	7.846E-11				
0	0.45833	LIVE	Unimodal	Mode	13	35969.981	-30585.246	7.846E-11				
0	0.91666	LIVE	Unimodal	Mode	13	35969.981	-30585.246	7.846E-11				
0	1.37498	LIVE	Unimodal	Mode	13	35969.981	-30585.246	7.846E-11				
0	1.8333	LIVE	Unimodal	Mode	13	35969.981	-30585.246	7.846E-11				
0	0	MODAL	Unimodal	Mode	14	83.898	128.872	0				
0	0.45833	MODAL	Unimodal	Mode	14	83.898	128.872	0				
0	0.91666	MODAL	Unimodal	Mode	14	83.898	128.872	0				
0	1.37498	MODAL	Unimodal	Mode	14	83.898	128.872	0				
0	1.8333	MODAL	Unimodal	Mode	14	83.898	128.872	0				
0	0	MODAL	Unimodal	Mode	15	-31.801	457.809	0				
0	0.45833	MODAL	Unimodal	Mode	15	-31.801	457.809	0				
0	0.91666	MODAL	Unimodal	Mode	15	-31.801	457.809	0				
0	1.37498	MODAL	Unimodal	Mode	15	-31.801	457.809	0				
0	1.8333	MODAL	Unimodal	Mode	15	-31.801	457.809	0				
0	0	MODAL	Unimodal	Mode	16	84.041	571.839	0				
0	0.45833	MODAL	Unimodal	Mode	16	84.041	571.839	0				
0	0.91666	MODAL	Unimodal	Mode	16	84.041	571.839	0				
0	1.37498	MODAL	Unimodal	Mode	16	84.041	571.839	0				
0	1.8333	MODAL	Unimodal	Mode	16	84.041	571.839	0				
0	0	MODAL	Unimodal	Mode	17	84.041	571.839	0				
0	0.45833	MODAL	Unimodal	Mode	17	84.041	571.839	0				
0	0.91666	MODAL	Unimodal	Mode	17	84.041	571.839	0				
0	1.37498	MODAL	Unimodal	Mode	17	84.041	571.839	0				
0	1.8333	MODAL	Unimodal	Mode	17	84.041	571.839	0				
0	0	MODAL	Unimodal	Mode	18	84.041	571.839	0				
0	0.45833	MODAL	Unimodal	Mode	18	84.041	571.839	0				
0	0.91666	MODAL	Unimodal	Mode	18	84.041	571.839	0				
0	1.37498	MODAL	Unimodal	Mode	18	84.041	571.839	0				
0	1.8333	MODAL	Unimodal	Mode	18	84.041	571.839	0				
0	0	MODAL	Unimodal	Mode	19	84.041	571.839	0				
0	0.45833	MODAL	Unimodal	Mode	19	84.041	571.839	0				
0	0.91666	MODAL	Unimodal	Mode	19	84.041	571.839	0				
0	1.37498	MODAL	Unimodal	Mode	19	84.041	571.839	0				
0	1.8333	MODAL	Unimodal	Mode	19	84.041	571.839	0				
0	0	MODAL	Unimodal	Mode	20	84.041	571.839	0				
0	0.45833	MODAL	Unimodal	Mode	20	84.041	571.839	0				
0	0.91666	MODAL	Unimodal	Mode	20	84.041	571.839	0				
0	1.37498	MODAL	Unimodal	Mode	20	84.041	571.839	0				
0	1.8333	MODAL	Unimodal	Mode	20	84.041	571.839	0				
0	0	MODAL	Unimodal	Mode	21	84.041	571.839	0				
0	0.45833	MODAL	Unimodal	Mode	21	84.041	571.839	0				
0	0.91666	MODAL	Unimodal	Mode	21	84.041	571.839	0				
0	1.37498	MODAL	Unimodal	Mode	21	84.041	571.839	0				
0	1.8333	MODAL	Unimodal	Mode	21	84.041	571.839	0				
0	0	MODAL	Unimodal	Mode	22	84.041	571.839	0				
0	0.45833	MODAL	Unimodal	Mode	22	84.041	571.839	0				
0	0.91666	MODAL	Unimodal	Mode	22	84.041	571.839	0				
0	1.37498	MODAL	Unimodal	Mode	22	84.041	571.839	0				
0	1.8333	MODAL	Unimodal	Mode	22	84.041	571.839	0				
0	0	MODAL	Unimodal	Mode	23	84.041	571.839	0				
0	0.45833	MODAL	Unimodal	Mode	23	84.041	571.839	0				
0	0.91666	MODAL	Unimodal	Mode	23	84.041	571.839	0				
0	1.37498	MODAL	Unimodal	Mode	23	84.041	571.839	0				
0	1.8333	MODAL	Unimodal	Mode	23	84.041	571.839	0				
0	0	MODAL	Unimodal	Mode	24	84.041	571.839	0				
0	0.45833	MODAL	Unimodal	Mode	24	84.041	571.839	0				
0	0.91666	MODAL	Unimodal	Mode	24	84.041	571.839	0				
0	1.37498	MODAL	Unimodal	Mode	24	84.041	571.839	0				
0	1.8333	MODAL	Unimodal	Mode	24	84.041	571.839	0				
0	0	MODAL	Unimodal	Mode	25	84.041	571.839	0				
0	0.45833	MODAL	Unimodal	Mode	25	84.041	571.839	0				
0	0.91666	MODAL	Unimodal	Mode	25	84.041	571.839	0				
0	1.37498	MODAL	Unimodal	Mode	25	84.041	571.839	0				
0	1.8333	MODAL	Unimodal	Mode	25	84.041	571.839	0				
0	0	MODAL	Unimodal									

Frame	Station	OutputCase	CaseType	StepType	StepNum	P	V1	V2	V3
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1	0.91485	DCON2	Combination			89.897	229.15	0.	0.
1	1.37498	DCON2	Combination			89.897	301.73	0.	0.
1	1.8333	DCON2	Combination			89.897	373.846	0.	0.
1	0.	DEAD	LinStatic			-23.52	-291.73	0.	0.
1	0.91666	DEAD	LinStatic			-23.72	-178.148	0.	0.
1	1.7498	DEAD	LinStatic			-23.52	-184.726	0.	0.
1	1.8333	DEAD	LinStatic			-23.52	-71.306	0.	0.
1	0.	MODAL	LinModal	Mode	1	1.111E-07	1.210E-06	-132.92	0.
1	0.45833	MODAL	LinModal	Mode	1	1.111E-07	1.210E-06	-132.92	0.
1	0.91666	MODAL	LinModal	Mode	1	1.111E-07	1.210E-06	-132.92	0.
1	1.37498	MODAL	LinModal	Mode	1	1.111E-07	1.210E-06	-132.92	0.
1	1.8333	MODAL	LinModal	Mode	1	1.111E-07	1.210E-06	-132.92	0.
1	0.	MODAL	LinModal	Mode	2	-379.585	-1517.401	3.274E-06	0.
1	0.45833	MODAL	LinModal	Mode	2	-368.735	-1517.401	3.274E-06	0.
1	0.91666	MODAL	LinModal	Mode	2	-368.585	-1517.401	3.274E-06	0.
1	1.37498	MODAL	LinModal	Mode	2	-368.895	-1517.401	3.274E-06	0.
1	1.8333	MODAL	LinModal	Mode	2	-368.895	-1517.401	3.274E-06	0.
1	0.	MODAL	LinModal	Mode	3	1.242E-05	5.689E-07	1761.069	0.
1	0.45833	MODAL	LinModal	Mode	3	1.242E-05	5.689E-07	1761.069	0.
1	0.91666	MODAL	LinModal	Mode	3	1.242E-05	5.689E-07	1761.069	0.
1	1.37498	MODAL	LinModal	Mode	3	1.242E-05	5.689E-07	1761.069	0.
1	1.8333	MODAL	LinModal	Mode	3	1.242E-05	5.689E-07	1761.069	0.
1	0.	MODAL	LinModal	Mode	4	-2175.457	-850.522	-1.311E-11	0.
1	0.45833	MODAL	LinModal	Mode	4	-2175.457	-850.522	-1.311E-11	0.
1	0.91666	MODAL	LinModal	Mode	4	-2175.457	-850.522	-1.311E-11	0.
1	1.37498	MODAL	LinModal	Mode	4	-2175.457	-850.522	-1.311E-11	0.
1	1.8333	MODAL	LinModal	Mode	4	-2175.457	-850.522	-1.311E-11	0.
1	0.	MODAL	LinModal	Mode	5	-460.846	-1539.057	1.140E-10	0.
1	0.45833	MODAL	LinModal	Mode	5	-460.846	-1539.057	1.140E-10	0.
1	0.91666	MODAL	LinModal	Mode	5	-460.846	-1539.057	1.140E-10	0.
1	1.37498	MODAL	LinModal	Mode	5	-460.846	-1539.057	1.140E-10	0.
1	1.8333	MODAL	LinModal	Mode	5	-460.846	-1539.057	1.140E-10	0.
1	0.	MODAL	LinModal	Mode	6	1.939E-10	8.069E-12	2.193E-04	0.
1	0.45833	MODAL	LinModal	Mode	6	1.939E-10	8.069E-12	2.193E-04	0.
1	0.91666	MODAL	LinModal	Mode	6	1.939E-10	8.069E-12	2.193E-04	0.
1	1.37498	MODAL	LinModal	Mode	6	1.939E-10	8.069E-12	2.193E-04	0.
1	1.8333	MODAL	LinModal	Mode	6	1.939E-10	8.069E-12	2.193E-04	0.
1	0.	MODAL	LinModal	Mode	7	3792.123	15809.226	1.137E-10	0.
1	0.45833	MODAL	LinModal	Mode	7	3792.123	15809.226	1.137E-10	0.
1	0.91666	MODAL	LinModal	Mode	7	3792.123	15809.226	1.137E-10	0.
1	1.37498	MODAL	LinModal	Mode	7	3792.123	15809.226	1.137E-10	0.
1	1.8333	MODAL	LinModal	Mode	7	3792.123	15809.226	1.137E-10	0.
1	0.	MODAL	LinModal	Mode	8	-4.781E-11	-2.804E-12	1.5811.577	0.
1	0.45833	MODAL	LinModal	Mode	8	-4.781E-11	-2.804E-12	1.5811.577	0.
1	0.91666	MODAL	LinModal	Mode	8	-4.781E-11	-2.804E-12	1.5811.577	0.
1	1.37498	MODAL	LinModal	Mode	8	-4.781E-11	-2.804E-12	1.5811.577	0.
1	1.8333	MODAL	LinModal	Mode	8	-4.781E-11	-2.804E-12	1.5811.577	0.
1	0.	MODAL	LinModal	Mode	9	30072.571	18830.595	-1.032E-11	0.
1	0.45833	MODAL	LinModal	Mode	9	30072.571	18830.595	-1.032E-11	0.
1	0.91666	MODAL	LinModal	Mode	9	30072.571	18830.595	-1.032E-11	0.
1	1.37498	MODAL	LinModal	Mode	9	30072.571	18830.595	-1.032E-11	0.
1	1.8333	MODAL	LinModal	Mode	9	30072.571	18830.595	-1.032E-11	0.
1	0.	MODAL	LinModal	Mode	10	1.679E-10	-2.202E-11	-82206.121	0.

Frame	Station	OutputCase	CaseType	StepType	StepNum	P	V1	V2	V3
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
1	0.45833	MODAL	LinModal	Mode	10	1.51E-10	-2.202E-11	-82206.121	0.
1	0.91666	MODAL	LinModal	Mode	10	1.579E-10	-2.202E-11	-82206.121	0.
1	1.37498	MODAL	LinModal	Mode	10	1.579E-10	-2.202E-11	-82206.121	0.
1	1.8333	MODAL	LinModal	Mode	10	1.579E-10	-2.202E-11	-82206.121	0.
1	0.	DEAD	LinStatic		11	87.2.857	-172352.451	1.873E-11	0.
1	0.45833	MODAL	LinModal	Mode	11	8582.857	-172352.451	1.873E-11	0.
1	0.91666	MODAL	LinModal	Mode	11	8582.857	-172352.451	1.873E-11	0.
1	1.37498	MODAL	LinModal	Mode	11	8582.857	-172352.451	1.873E-11	0.
1	1.8333	MODAL	LinModal	Mode	11	8582.857	-172352.451	1.873E-11	0.
1	0.	MODAL	LinModal	Mode	12	39118.489	21482.548	-9.814E-11	0.
1	0.45833	MODAL	LinModal	Mode	12	39118.489	21482.548	-9.814E-11	0.
1	0.91666	MODAL	LinModal	Mode	12	39118.489	21482.548	-9.814E-11	0.
1	1.37498	MODAL	LinModal	Mode	12	39118.489	21482.548	-9.814E-11	0.
1	1.8333	MODAL	LinModal	Mode	12	39118.489	21482.548	-9.814E-11	0.
1	0.	LIVE	LinStatic		13	83.798	-40.788	0.	0.
1	0.45833	MODAL	LinModal	Mode	13	83.798	-40.788	0.	0.
1	0.91666	MODAL	LinModal	Mode	13	83.798	-40.788	0.	0.
1	1.37498	MODAL	LinModal	Mode	13	83.798	-40.788	0.	0.
1	1.8333	MODAL	LinModal	Mode	13	83.798	-40.788	0.	0.
1	0.	DCON1	Combination		14	-31.753	-312.81	0.	0.
1	0.45833	DCON1	Combination		14	-31.753	-312.81	0.	0.
1	0.91666	DCON1	Combination		14	-31.753	-312.81	0.	0.
1	1.37498	DCON1	Combination		14	-31.753	-312.81	0.	0.
1	1.8333	DCON1	Combination		14	-31.753	-312.81	0.	0.
1	0.	DCON2	Combination		15	93.897	-373.732	0.	0.
1	0.45833	DCON2	Combination		15	93.897	-373.732	0.	0.
1	0.91666	DCON2	Combination		15	93.897	-373.732	0.	0.
1	1.37498	DCON2	Combination		15	93.897	-373.732	0.	0.
1	1.8333	DCON2	Combination		15	93.897	-373.732	0.	0.
1	0.	DEAD	LinStatic		16	-23.557	-489.202	0.	0.
1	0.45833	DEAD	LinStatic		16	-23.557	-489.202	0.	0.
1	0.91666	DEAD	LinStatic		16	-23.557	-489.202	0.	0.
1	1.37498	DEAD	LinStatic		16	-23.557	-489.202	0.	0.
1	1.8333	DEAD	LinStatic		16	-23.557	-489.202	0.	0.
1	0.	MODAL	LinModal	Mode	17	7.713E-08	-7.003E-09	-404.839	0.
1	0.45833	MODAL	LinModal	Mode	17	7.713E-08	-7.003E-09	-404.839	0.
1	0.91666	MODAL	LinModal	Mode	17	7.713E-08	-7.003E-09	-404.839	0.
1	1.37498	MODAL	LinModal	Mode	17	7.713E-08	-7.003E-09	-404.839	0.
1	1.8333	MODAL	LinModal	Mode	17	7.713E-08	-7.003E-09	-404.839	0.
1	0.	MODAL	LinModal	Mode	18	1.105.889	-781.807	-3.837E-06	0.
1	0.45833	MODAL	LinModal	Mode	18	1.105.889	-781.807	-3.837E-06	0.
1	0.91666	MODAL	LinModal	Mode	18	1.105.889	-781.807	-3.837E-06	0.
1	1.37498	MODAL	LinModal	Mode	18	1.105.889	-781.807	-3.837E-06	0.
1	1.8333	MODAL	LinModal	Mode	18	1.105.889	-781.807	-3.837E-06	0.
1	0.	MODAL	LinModal	Mode	19	-5.72E-06	-3.343E-07	871.837	0.
1	0.45833	MODAL	LinModal	Mode	19	-5.72E-06	-3.343E-07	871.837	0.
1	0.91666	MODAL	LinModal	Mode	19	-5.72E-06	-3.343E-07	871.837	0.
1	1.37498	MODAL	LinModal	Mode	19	-5.72E-06	-3.343E-07	871.837	0.
1	1.8333	MODAL	LinModal	Mode	19	-5.72E-06	-3.343E-07	871.837	0.
1	0.	MODAL	LinModal	Mode	20	-2.177.545	-282.61	1.400E-11	0.
1	0.45833	MODAL	LinModal	Mode	20	-2.177.545	-282.61	1.400E-11	0.
1	0.91666	MODAL	LinModal	Mode	20	-2.177.545	-282.61	1.400E-11	0.
1	1.37498	MODAL	LinModal	Mode	20	-2.177.545	-282.61	1.400E-11	0.
1	1.8333	MODAL	LinModal	Mode	20	-2.177.545	-282.61	1.400E-11	0.

Table: Element Forces - Frames, Part 1 of 3									
Frame	Station	OutputType	CaseType	StepType	StepNum	P	V1	V2	V3
	IN					KN	KN	KN	KN
10	0.	MODAL	LinModal	Mode	5	-2593.238	-2049.167	-1.045E-10	0.
10	0.45833	MODAL	LinModal	Mode	5	-2593.238	-2049.167	-1.045E-10	0.
10	0.91666	MODAL	LinModal	Mode	5	-2593.238	-2049.167	-1.045E-10	0.
10	1.37498	MODAL	LinModal	Mode	5	-2593.238	-2049.167	-1.045E-10	0.
10	1.8333	MODAL	LinModal	Mode	5	-2593.238	-2049.167	-1.045E-10	0.
10	0.	MODAL	LinModal	Mode	6	8.644E-11	-2.781E-12	801.85	0.
10	0.45833	MODAL	LinModal	Mode	6	8.644E-11	-2.781E-12	801.85	0.
10	0.91666	MODAL	LinModal	Mode	6	8.644E-11	-2.781E-12	801.85	0.
10	1.37498	MODAL	LinModal	Mode	6	8.644E-11	-2.781E-12	801.85	0.
10	1.8333	MODAL	LinModal	Mode	6	8.644E-11	-2.781E-12	801.85	0.
10	0.	MODAL	LinModal	Mode	7	11356.773	12730.779	-1.583E-10	0.
10	0.45833	MODAL	LinModal	Mode	7	11356.773	12730.779	-1.583E-10	0.
10	0.91666	MODAL	LinModal	Mode	7	11356.773	12730.779	-1.583E-10	0.
10	1.37498	MODAL	LinModal	Mode	7	11356.773	12730.779	-1.583E-10	0.
10	1.8333	MODAL	LinModal	Mode	7	11356.773	12730.779	-1.583E-10	0.
10	0.	MODAL	LinModal	Mode	8	7.114E-11	6.815E-12	9114.418	0.
10	0.45833	MODAL	LinModal	Mode	8	7.114E-11	6.815E-12	9114.418	0.
10	0.91666	MODAL	LinModal	Mode	8	7.114E-11	6.815E-12	9114.418	0.
10	1.37498	MODAL	LinModal	Mode	8	7.114E-11	6.815E-12	9114.418	0.
10	1.8333	MODAL	LinModal	Mode	8	7.114E-11	6.815E-12	9114.418	0.
10	0.	MODAL	LinModal	Mode	9	26979.005	48542.2	1.085E-11	0.
10	0.45833	MODAL	LinModal	Mode	9	26979.005	48542.2	1.085E-11	0.
10	0.91666	MODAL	LinModal	Mode	9	26979.005	48542.2	1.085E-11	0.
10	1.37498	MODAL	LinModal	Mode	9	26979.005	48542.2	1.085E-11	0.
10	1.8333	MODAL	LinModal	Mode	9	26979.005	48542.2	1.085E-11	0.
10	0.	MODAL	LinModal	Mode	10	2.139E-10	4.773E-11	-1.6436E.729	0.
10	0.45833	MODAL	LinModal	Mode	10	2.139E-10	4.773E-11	-1.6436E.729	0.
10	0.91666	MODAL	LinModal	Mode	10	2.139E-10	4.773E-11	-1.6436E.729	0.
10	1.37498	MODAL	LinModal	Mode	10	2.139E-10	4.773E-11	-1.6436E.729	0.
10	1.8333	MODAL	LinModal	Mode	10	2.139E-10	4.773E-11	-1.6436E.729	0.
10	0.	MODAL	LinModal	Mode	11	28321.052	55458.562	-8.910E-11	0.
10	0.45833	MODAL	LinModal	Mode	11	28321.052	55458.562	-8.910E-11	0.
10	0.91666	MODAL	LinModal	Mode	11	28321.052	55458.562	-8.910E-11	0.
10	1.37498	MODAL	LinModal	Mode	11	28321.052	55458.562	-8.910E-11	0.
10	1.8333	MODAL	LinModal	Mode	11	28321.052	55458.562	-8.910E-11	0.
10	0.	MODAL	LinModal	Mode	12	35670.826	36237.765	-8.785E-11	0.
10	0.45833	MODAL	LinModal	Mode	12	35670.826	36237.765	-8.785E-11	0.
10	0.91666	MODAL	LinModal	Mode	12	35670.826	36237.765	-8.785E-11	0.
10	1.37498	MODAL	LinModal	Mode	12	35670.826	36237.765	-8.785E-11	0.
10	1.8333	MODAL	LinModal	Mode	12	35670.826	36237.765	-8.785E-11	0.
10	0.	LT-ET	LinStatic	Static	83	0.05	-125.824	0.	0.
10	0.45833	LIVE	LinStatic	Static	83	192	-127.364	0.	0.
10	0.91666	LIVE	LinStatic	Static	83	375	-128.864	0.	0.
10	1.37498	LIVE	LinStatic	Static	83	558	-129.864	0.	0.
10	1.8333	LIVE	LinStatic	Static	83	741	-129.864	0.	0.
10	0.	DCONI	DCONI	Combination	-31	-801	473.903	0.	0.
10	0.45833	DCONI	DCONI	Combination	-31	-801	407.508	0.	0.
10	0.91666	DCONI	DCONI	Combination	-31	-801	342.844	0.	0.
10	1.37498	DCONI	DCONI	Combination	-31	-801	278.190	0.	0.
10	1.8333	DCONI	DCONI	Combination	-31	-801	213.536	0.	0.
10	0.	DCON2	DCON2	Combination	94	0.041	-752.983	0.	0.
10	0.45833	DCON2	DCON2	Combination	94	0.041	-687.219	0.	0.
10	0.91666	DCON2	DCON2	Combination	94	0.041	-622.454	0.	0.
10	1.37498	DCON2	DCON2	Combination	94	0.041	-557.690	0.	0.
10	1.8333	DCON2	DCON2	Combination	94	0.041	-492.926	0.	0.

Table: Element Forces - Frames, Part 2 of 3										
Frame	Station	Design/Spec	Member	Direction	Shear	T	P	Q	R	Prismatic
					V	T	P	Q	R	
1	4.10094	MODAL	Mode	0	-513.2928	-4428.0211	-4.510E-12			1-1
1	0	MODAL	Mode	7	8.762E-12	-3.220E-13	-70175.8986			1-1
1	2.05497	MODAL	Mode	7	0.782E-12	2.871E-13	-1284.1049			1-1
1	4.10094	MODAL	Mode	7	8.762E-12	1.459E-12	87807.73			1-1
1	0	MODAL	Mode	8	34668.3948	1472.372	-1.834E-12			1-1
1	2.05497	MODAL	Mode	8	34668.3948	4589.793	6.835E-12			1-1
1	4.10094	MODAL	Mode	8	36734.9348	4589.793	6.835E-12			1-1
1	0	MODAL	Mode	9	-2.466E-12	-2.546E-12	-7792.8123			1-1
1	2.05497	MODAL	Mode	9	-2.466E-12	-3.001E-12	-46687.7388			1-1
1	4.10094	MODAL	Mode	9	-2.466E-12	-3.144E-12	-10818.417			1-1
1	0	MODAL	Mode	10	73165.0683	-0.0766	4.784E-12			1-1
1	2.05497	MODAL	Mode	10	73165.0683	-4.395E-12	4.784E-12			1-1
1	4.10094	MODAL	Mode	10	73165.0683	4878.025	-1.769E-11			1-1
1	0	MODAL	Mode	11	-2.001E-12	3.046E-12	-60892.4764			1-1
1	2.05497	MODAL	Mode	11	-2.001E-12	1.173E-14	85129.4833			1-1
1	4.10094	MODAL	Mode	11	-2.001E-12	5.032E-12	22201.442			1-1
1	0	MODAL	Mode	12	-4.511E-11	5.197E-11	23270.7288			1-1
1	2.05497	MODAL	Mode	12	-4.511E-11	-0.285E-11	-11071.3607			1-1
1	4.10094	MODAL	Mode	12	-4.511E-11	-5.239E-11	-44213.4602			1-1
1	0	LIVE		0	0	0	863.491			1-1
1	2.05497	LIVE		0	0	0	458.7348			1-1
1	4.10094	LIVE		0	0	0	318.0087			1-1
1	0	DCONI		0	0	0	1203.5484			1-1
1	2.05497	DCONI		0	0	0	9318.3894			1-1
1	4.10094	DCONI		0	0	0	1384.2514			1-1
1	0	DCON2		0	0	0	2248.7273			1-1
1	2.05497	DCON2		0	0	0	2064.0009			1-1
1	4.10094	DCON2		0	0	0	1869.2645			1-1
3	0	DEAD		0	0	0	877.2876			3-1
3	2.05497	DEAD		0	0	0	828.5476			3-1
3	4.10094	DEAD		0	0	0	-1028.1076			3-1
3	0	MODAL	Mode	1	-283.583	0.0223	1.138E-09			3-1
3	2.05497	MODAL	Mode	1	-283.583	-2042.1897	0.167E-10			3-1
3	4.10094	MODAL	Mode	1	-283.583	-6084.0889	0.268E-11			3-1
3	0	MOD2L	Mode	2	1.019E-07	5.387E-09	5409.0144			3-1
3	2.05497	MODAL	Mode	2	1.011E-07	4.220E-09	363.5819			3-1
3	4.10094	MODAL	Mode	2	1.019E-07	-7.535E-09	-4772.2787			3-1
3	0	MODAL	Mode	3	5265.0005	6372.0468	6.624E-08			3-1
3	2.05497	MODAL	Mode	3	5385.0005	-204.303	2.587E-08			3-1
3	4.10094	MODAL	Mode	3	5386.0013	-4781.6528	-1.259E-08			3-1
3	0	MODAL	Mode	4	-2.215E-12	4.891E-12	586.7912			3-1
3	2.05497	MODAL	Mode	4	-2.232E-12	4.420E-12	-3969.814			3-1
3	4.10094	MODAL	Mode	4	-4.213E-12	7.261E-12	-4300.81			3-1
3	0	MODAL	Mode	5	6.187E-12	3.619E-12	10008.1817			3-1
3	2.05497	MODAL	Mode	5	6.187E-12	-2.494E-13	-277.7412			3-1
3	4.10094	MODAL	Mode	5	6.187E-12	-4.178E-12	-1065.47			3-1
3	0	MODAL	Mode	6	919.5459	9.3889	1.65E-13			3-1
3	2.05497	MODAL	Mode	6	919.3597	-231.478	5.019E-13			3-1
3	4.10094	MODAL	Mode	6	918.871	-4629.7495	1.87E-12			3-1
3	0	MODAL	Mode	7	3.651E-12	9.220E-13	-79175.8822			3-1
3	2.05497	MODAL	Mode	7	3.651E-12	2.005E-13	-1284.2381			3-1
3	4.10094	MODAL	Mode	7	3.651E-12	-3.012E-13	87907.5106			3-1
3	0	MODAL	Mode	8	3396.1837	4592.0438	-3.086E-12			3-1
3	2.05477	MODAL	Mode	8	34855.9337	-1472.6538	6.121E-12			3-1

Table: Element Forces - Frames, Part 2 of 3

4	11094	MODAL	Mode	1	-263.583	0	0	-1020.1076	3	-1
3	MODAL	Mode	1	-263.583	0.0223			1.198E-09		
3	2.05497	MODAL	Mode	1	-263.583	-263.583	6.167E-10			
4	11094	MODAL	Mode	1	-263.583	-4094.4098		5.395E-11		-1
3	MODAL	Mode	2	1.019E-07	0.387E-02			5499.5414		3
3	2.05497	MODAL	Mode	2	1.019E-07	-6.228E-10		363.5813		-1
4	11094	MODAL	Mode	2	1.019E-07	-7.530E-09		-4772.2387		3
3	MODAL	Mode	3	5.945E-005	8372.0468			6.842E-08		-1
3	2.05497	MODAL	Mode	3	5.945E-005	-240.203		2.587E-08		3
4	11094	MODAL	Mode	3	5.945E-005	-7781.5658		-1.235E-06		-1
3	MODAL	Mode	4	-2.239E-12	-6.89E-12			850.7012		3
3	2.05497	MODAL	Mode	4	-2.239E-12	1.461E-13		-3808.9144		-1
4	11094	MODAL	Mode	4	-2.239E-12	7.26E-12		-4300.61		3
3	MODAL	Mode	5	6.187E-12	3.916E-12			1000E.1817		3
3	2.05497	MODAL	Mode	5	6.187E-12	-2.840E-13		-277.3412		-1
4	11094	MODAL	Mode	5	6.187E-12	-4.19E-12		-1065.7412		-1
3	MODAL	Mode	6	9.135E-07	0.3499			1.64E-13		3
3	2.05497	MODAL	Mode	6	9.135E-07	-2314.6718		1.019E-12		-1
4	11094	MODAL	Mode	6	9.135E-07	-4629.7565		1.87E-12		-1
3	MODAL	Mode	7	3.631E-13	9.220E-13			-7017E.9829		3
3	2.05497	MODAL	Mode	7	3.631E-13	2.00E-13		-1284.2321		-1
4	11094	MODAL	Mode	7	3.631E-13	-5.313E-13		87907.1506		3
3	MODAL	Mode	8	3.99E-16.8387	4599.4388			-3.048E-12		-1
3	2.05497	MODAL	Mode	8	3.99E-16.8387	-127.4650		8.152E-12		-1

Table: Element Forces - Frame, Part 2 of 3									
Frame	Station	Usage/Case	EmpType	Amplifier	K0	T	M2	M3	FrameElem
4	4.5	MODAL	Mode	1	-0.0223	-263.060	-1.148E-10	-1.148E-10	-
4	6	MODAL	Mode	1	-0.0223	-263.005	-8.720E-10	-8.720E-10	-
4	5.5	MODAL	Mode	1	-0.0223	-263.802	-7.982E-10	-7.982E-10	-
4	6	MODAL	Mode	1	-0.0223	-263.014	-8.204E-10	-8.204E-10	-
4	6.5	MODAL	Mode	1	-0.0223	-263.596	-4.445E-10	-4.445E-10	-
4	7	MODAL	Mode	1	-0.0223	-263.587	-2.687E-10	-2.687E-10	-
4	7.6	MODAL	Mode	1	-0.0223	-263.587	-2.391E-11	-2.391E-11	-
4	8	MODAL	Mode	1	-0.0223	-263.584	5.230E-11	5.230E-11	-
4	8.5	MODAL	Mode	1	-0.0223	-263.582	2.587E-10	2.587E-10	-
4	9	MODAL	Mode	1	-0.0223	-263.5903	4.345E-10	4.345E-10	-
4	8.5	MODAL	Mode	1	-0.0223	-263.5945	6.103E-10	6.103E-10	-
4	10	MODAL	Mode	1	-0.0223	-263.584	7.802E-10	7.802E-10	-
4	10.9	MODAL	Mode	1	-0.0223	-263.544	9.620E-10	9.620E-10	-
4	11	MODAL	Mode	1	-0.0223	-263.583	1.156E-09	1.156E-09	-
4	0	MODAL	Mode	2	-5.387E-09	-1.389E-08	-5489.5565	-5489.5565	-
4	0.5	MODAL	Mode	2	-5.387E-09	-6.080E-09	-4099.606	-4099.606	-
4	1	MODAL	Mode	2	-5.387E-09	-3.432E-08	-4498.8498	-4498.8498	-
4	1.5	MODAL	Mode	2	-5.387E-09	-2.834E-08	-3789.8872	-3789.8872	-
4	2	MODAL	Mode	2	-5.387E-09	7.096E-09	3499.7278	3499.7278	-
4	2.6	MODAL	Mode	2	-5.387E-09	1.239E-08	3989.7584	3989.7584	-
4	3	MODAL	Mode	2	-5.387E-09	1.761E-08	-2469.809	-2469.809	-
4	3.5	MODAL	Mode	2	-5.387E-09	2.288E-08	-1899.8498	-1899.8498	-
4	4	MODAL	Mode	2	-5.387E-09	2.818E-08	-1499.8002	-1499.8002	-
4	4.6	MODAL	Mode	2	-5.387E-09	3.344E-08	-989.8398	-989.8398	-
4	6	MODAL	Mode	2	-5.387E-09	3.863E-08	-499.8174	-499.8174	-
4	5.6	MODAL	Mode	2	-5.387E-09	4.386E-08	-0.012	-0.012	-
4	6	MODAL	Mode	2	-5.387E-09	4.922E-08	499.8474	499.8474	-
4	6.6	MODAL	Mode	2	-5.387E-09	5.444E-08	989.8906	989.8906	-
4	7	MODAL	Mode	2	-5.387E-09	6.975E-08	1499.8892	1499.8892	-
4	7.6	MODAL	Mode	2	-5.387E-09	8.508E-08	1999.8356	1999.8356	-
4	8	MODAL	Mode	2	-5.387E-09	7.028E-08	2499.753	2499.753	-
4	8.5	MODAL	Mode	2	-5.387E-09	7.556E-08	2999.7444	2999.7444	-
4	9	MODAL	Mode	2	-5.387E-09	8.081E-08	3012.7836	3012.7836	-
4	8.5	MODAL	Mode	2	-5.387E-09	8.606E-08	3999.8832	3999.8832	-
4	10	MODAL	Mode	2	-5.387E-09	8.134E-08	4499.8226	4499.8226	-
4	10.5	MODAL	Mode	2	-5.387E-09	8.661E-08	4999.8682	4999.8682	-
4	11	MODAL	Mode	2	-5.387E-09	1.015E-07	5499.8414	5499.8414	-
4	0	MODAL	Mode	3	-5372.9468	-5385.0477	-1.19E-07	-1.19E-07	-
4	0.5	MODAL	Mode	3	-5372.9468	-4977.318	-1.223E-07	-1.223E-07	-
4	1	MODAL	Mode	3	-5372.9468	-4339.5883	-1.140E-07	-1.140E-07	-
4	1.5	MODAL	Mode	3	-5372.9468	-3801.8586	-1.031E-07	-1.031E-07	-
4	2	MODAL	Mode	3	-5372.9468	-3414.1381	-9.360E-08	-9.360E-08	-
4	2.6	MODAL	Mode	3	-5372.9468	-3288.309	-6.729E-08	-6.729E-08	-
4	3	MODAL	Mode	3	-5372.9468	-2439.5603	-7.837E-08	-7.837E-08	-
4	3.5	MODAL	Mode	3	-5372.9468	-1950.1706	-6.846E-08	-6.846E-08	-
4	4	MODAL	Mode	3	-5372.9468	-1463.2089	-6.835E-08	-6.835E-08	-
4	4.6	MODAL	Mode	3	-5372.1156	-975.4001	-6.163E-08	-6.163E-08	-
4	6	MODAL	Mode	3	-5372.128	-487.1701	-4.270E-08	-4.270E-08	-
4	5.6	MODAL	Mode	3	-5372.9468	-0.0006	-3.361E-08	-3.361E-08	-
4	6	MODAL	Mode	3	-5372.9468	-477.7091	-2.489E-08	-2.489E-08	-
4	6.6	MODAL	Mode	3	-5372.9468	978.4389	-1.650E-08	-1.650E-08	-
4	7	MODAL	Mode	3	-5372.9468	1493.1886	-7.008E-09	-7.008E-09	-
4	7.6	MODAL	Mode	3	-5372.9468	1950.6893	1.846E-09	1.846E-09	-
4	8	MODAL	Mode	3	-5372.9468	2675.8583	6.789E-09	6.789E-09	-

Table: Element Forces - Frames, Part 2 of 3

Frame	Station	OutputCase	SuppType	SuppElem	KN-m	KN	MM	KN-m	KN	MM
4	8	MODAL	Mode	3	-0.725473	2826.3578	1.3875-08	4	-1	
4	8	MODAL	Mode	3	-0.672466	3414.0878	2.8595-08	4	-1	
4	8	MODAL	Mode	3	-0.572465	3901.8173	3.7695-08	4	-1	
4	10	MODAL	Mode	3	-0.572466	4351.5471	4.6415-08	4	-1	
4	10	MODAL	Mode	3	-0.572466	4877.2788	5.6335-08	4	-1	
4	11	MODAL	Mode	3	-0.572466	5345.0865	6.6245-08	4	-1	
4	0	MODAL	Mode	4	6.894E-12	6.128E-12	6.7515E-11	4	-1	
4	0.5	MODAL	Mode	4	6.894E-12	5.53E-12	6.793731	4	-1	
4	1	MODAL	Mode	4	6.894E-12	5.004E-12	6.793306	4	-1	
4	1.5	MODAL	Mode	4	6.894E-12	4.444E-12	6.793582	4	-1	
4	2	MODAL	Mode	4	6.894E-12	3.889E-12	6.793457	4	-1	
4	2.5	MODAL	Mode	4	6.794E-12	3.331E-12	6.793072	4	-1	
4	3	MODAL	Mode	4	6.894E-12	2.769E-12	6.793596	4	-1	
4	3.5	MODAL	Mode	4	6.894E-12	2.184E-12	6.793183	4	-1	
4	4	MODAL	Mode	4	6.894E-12	1.632E-12	6.793758	4	-1	
4	4.5	MODAL	Mode	4	6.894E-12	1.070E-12	6.800333	4	-1	
4	5	MODAL	Mode	4	6.894E-12	5.093E-13	6.800909	4	-1	
4	5.5	MODAL	Mode	4	6.894E-12	-7.370E-14	6.801484	4	-1	
4	6	MODAL	Mode	4	6.894E-12	-0.157E-13	6.802059	4	-1	
4	6.5	MODAL	Mode	4	6.894E-12	-1.178E-12	6.802635	4	-1	
4	7	MODAL	Mode	4	6.894E-12	-1.740E-12	6.803211	4	-1	
4	7.5	MODAL	Mode	4	6.894E-12	-2.302E-12	6.803785	4	-1	
4	8	MODAL	Mode	4	6.894E-12	-2.864E-12	6.804361	4	-1	
4	8.5	MODAL	Mode	4	6.894E-12	-3.426E-12	6.804937	4	-1	
4	9	MODAL	Mode	4	6.894E-12	-3.988E-12	6.805511	4	-1	
4	9.5	MODAL	Mode	4	6.894E-12	-4.550E-12	6.806087	4	-1	
4	10	MODAL	Mode	4	6.894E-12	-5.112E-12	6.806662	4	-1	
4	10.5	MODAL	Mode	4	6.894E-12	-5.674E-12	6.807237	4	-1	
4	11	MODAL	Mode	4	6.894E-12	-6.236E-12	6.807812	4	-1	
4	0	MODAL	Mode	5	-3.818E-12	-2.971E-12	-10.006246	4	-1	
4	0.5	MODAL	Mode	5	-3.818E-12	-2.912E-12	-10.006413	4	-1	
4	1	MODAL	Mode	5	-3.818E-12	-1.055E-12	-10.006736	4	-1	
4	1.5	MODAL	Mode	5	-3.818E-12	-1.590E-12	-10.007368	4	-1	
4	2	MODAL	Mode	5	-3.818E-12	-1.240E-12	-10.007895	4	-1	
4	2.5	MODAL	Mode	5	-3.818E-12	-8.834E-13	-10.008421	4	-1	
4	3	MODAL	Mode	5	-3.818E-12	-8.267E-13	-10.008948	4	-1	
4	3.5	MODAL	Mode	5	-3.818E-12	-1.892E-12	-10.009574	4	-1	
4	4	MODAL	Mode	5	-3.818E-12	1.879E-13	-10.010200	4	-1	
4	4.5	MODAL	Mode	5	-3.818E-12	5.450E-13	-10.010826	4	-1	
4	5	MODAL	Mode	5	-3.818E-12	9.021E-13	-10.011451	4	-1	
4	5.5	MODAL	Mode	5	-3.818E-12	1.268E-12	-10.012077	4	-1	
4	6	MODAL	Mode	5	-3.818E-12	1.618E-12	-10.012702	4	-1	
4	6.5	MODAL	Mode	5	-3.818E-12	1.975E-12	-10.013328	4	-1	
4	7	MODAL	Mode	5	-3.818E-12	2.330E-12	-10.013953	4	-1	
4	7.5	MODAL	Mode	5	-3.818E-12	2.686E-12	-10.014579	4	-1	
4	8	MODAL	Mode	5	-3.818E-12	3.042E-12	-10.015204	4	-1	
4	8.5	MODAL	Mode	5	-3.818E-12	3.402E-12	-10.015830	4	-1	
4	9	MODAL	Mode	5	-3.818E-12	3.758E-12	-10.016455	4	-1	
4	9.5	MODAL	Mode	5	-3.818E-12	4.115E-12	-10.017081	4	-1	
4	10	MODAL	Mode	5	-3.818E-12	4.473E-12	-10.017706	4	-1	
4	10.5	MODAL	Mode	5	-3.818E-12	4.830E-12	-10.018332	4	-1	
4	11	MODAL	Mode	5	-3.818E-12	5.187E-12	-10.018957	4	-1	
4	0	MODAL	Mode	6	-0.3891	513.2925	-2.709E-12	4	-1	
4	0.5	MODAL	Mode	6	-0.3891	513.3228	-2.572E-12	4	-1	

Table: Element Forces - Frames, Part 2 of 3

Frame	Station	OutputCase	SuppType	SuppElem	KN-m	KN	MM	KN-m	KN	MM
4	1	MODAL	Mode	6	-0.3791	513.3531	-2.442E-12	4	-1	
4	1.5	MODAL	Mode	6	-0.3891	513.3835	-2.311E-12	4	-1	
4	2	MODAL	Mode	6	-0.3891	513.4138	-2.181E-12	4	-1	
4	2.5	MODAL	Mode	6	-0.3891	513.4441	-2.051E-12	4	-1	
4	3	MODAL	Mode	6	-0.3891	513.4744	-1.920E-12	4	-1	
4	3.5	MODAL	Mode	6	-0.3891	513.5048	-1.790E-12	4	-1	
4	4	MODAL	Mode	6	-0.3891	513.5351	-1.660E-12	4	-1	
4	4.5	MODAL	Mode	6	-0.3891	513.5654	-1.530E-12	4	-1	
4	5	MODAL	Mode	6	-0.3891	513.5958	-1.399E-12	4	-1	
4	5.5	MODAL	Mode	6	-0.3891	513.6261	-1.269E-12	4	-1	
4	6	MODAL	Mode	6	-0.3891	513.6564	-1.139E-12	4	-1	
4	6.5	MODAL	Mode	6	-0.3891	513.6867	-1.008E-12	4	-1	
4	7	MODAL	Mode	6	-0.3891	513.7171	-8.77E-13	4	-1	
4	7.5	MODAL	Mode	6	-0.3891	513.7474	-7.471E-13	4	-1	
4	8	MODAL	Mode	6	-0.3891	513.7777	-6.168E-13	4	-1	
4	8.5	MODAL	Mode	6	-0.3891	513.8081	-4.875E-13	4	-1	
4	9	MODAL	Mode	6	-0.3791	513.8384	-3.581E-13	4	-1	
4	9.5	MODAL	Mode	6	-0.3891	513.8687	-2.280E-13	4	-1	
4	10	MODAL	Mode	6	-0.3891	513.8991	-9.549E-14	4	-1	
4	10.5	MODAL	Mode	6	-0.3891	513.9294	3.489E-14	4	-1	
4	11	MODAL	Mode	6	-0.3891	513.9597	1.652E-13	4	-1	
4	0	MODAL	Mode	7	-0.220E-13	-0.782E-12	70178.8901	4	-1	
4	0.5	MODAL	Mode	7	-0.220E-13	-0.438E-12	63713.3642	4	-1	
4	1	MODAL	Mode	7	-0.220E-13	-0.144E-12	57416.7233	4	-1	
4	1.5	MODAL	Mode	7	-0.220E-13	-5.790E-12	51037.0803	4	-1	
4	2	MODAL	Mode	7	-0.220E-13	-5.486E-12	44857.4575	4	-1	
4	2.5	MODAL	Mode	7	-0.220E-13	-5.145E-12	38277.8219	4	-1	
4	3	MODAL	Mode	7	-0.220E-13	-4.819E-12	31876.1433	4	-1	
4	3.5	MODAL	Mode	7	-0.220E-13	-4.495E-12	25516.5537	4	-1	
4	4	MODAL	Mode	7	-0.220E-13	-4.171E-12	19138.9152	4	-1	
4	4.5	MODAL	Mode	7	-0.220E-13	-3.847E-12	12759.2798	4	-1	
4	5	MODAL	Mode	7	-0.220E-13	-3.523E-12	6373.8441	4	-1	
4	5.5	MODAL	Mode	7	-0.220E-13	-3.198E-12	0.0084	4	-1	
4	6	MODAL	Mode	7	-0.220E-13	-2.873E-12	-6379.8271	4	-1	
4	6.5	MODAL	Mode	7	-0.220E-13	-2.548E-12	-12761.3227	4	-1	
4	7	MODAL	Mode	7	-0.220E-13	-2.223E-12	-19138.9152	4	-1	
4	7.5	MODAL	Mode	7	-0.220E-13	-1.900E-12	-25516.5538	4	-1	
4	8	MODAL	Mode	7	-0.220E-13	-1.575E-12	-31876.1434	4	-1	
4	8.5	MODAL	Mode	7	-0.220E-13	-1.250E-12	-38277.8219	4	-1	
4	9	MODAL	Mode	7	-0.220E-13	-9.253E-13	-44857.4575	4	-1	
4	9.5	MODAL	Mode	7	-0.220E-13	-6.005E-13	-51037.0803	4	-1	
4	10	MODAL	Mode	7	-0.220E-13	-2.848E-13	-57416.7233	4	-1	
4	10.5	MODAL	Mode	7	-0.220E-13	3.921E-14	-63798.3473	4	-1	
4	11	MODAL	Mode	7	-0.220E-13	3.631E-13	-70178.8929	4	-1	
4	0	MODAL	Mode	8	-4924.0389	-3.1863685	2.004E-12	4	-1	
4	0.5	MODAL	Mode	8	-4924.0389	-3.6161239	2.348E-12	4	-1	
4	1	MODAL	Mode	8	-4924.0389	-3.1838105	2.008E-12	4	-1	
4	1.5	MODAL	Mode	8	-4924.0389	-3.8812203	1.823E-12	4	-1	
4	2	MODAL	Mode	8	-4924.0389	-2.4605941	1.695E-12	4	-1	
4	2.5	MODAL	Mode	8	-4924.0389	-2.1090702	1.310E-12	4	-1	
4	3	MODAL	Mode	8	-4574.0389	-1.7575572	1.052E-12	4	-1	
4	3.5	MODAL	Mode	8	-4924.0389	-1.4060463	7.828E-13	4	-1	
4	4	MODAL	Mode	8	-4924.0389	-1.0545314	5.342E-13	4	-1	
4	4.5	MODAL	Mode	8	-4924.0389	-769.3184	2.745E-13	4	-1	

Table: Element Forces - Frames, Part 2 of 3

Frame	Station	OutputCase	SuppType	SuppElem	KN-m	KN	MM	KN-m	KN	MM
4	5	MODAL	Mode	8	-4924.0389	-3.515445	1.889E-14	4	-1	
4	5.5	MODAL	Mode	8	-4924.0389	0.8825	-2.419E-13	4	-1	
4	6	MODAL	Mode	8	-4924.0389	3.8152144	-5.009E-13	4	-1	
4	6.5	MODAL	Mode	8	-4924.0389	7030.3483	-7.599E-13	4	-1	
4	7	MODAL	Mode	8	-4924.0389	10545.4771	-1.019E-12	4	-1	
4	7.5	MODAL	Mode	8	-4924.0389	14060.6102	-1.277E-12	4	-1	
4	8	MODAL	Mode	8	-4924.0389	17575.7421	-1.535E-12	4	-1	
4	8.5	MODAL	Mode	8	-4924.0389	21090.8741	-1.794E-12	4	-1	
4	9	MODAL	Mode	8	-4924.0389	24605.005	-2.053E-12	4	-1	
4	9.5	MODAL	Mode	8	-4924.0389	28121.1370	-2.311E-12	4	-1	
4	10	MODAL	Mode	8	-4924.0389	31636.2689	-2.570E-12	4	-1	
4	10.5	MODAL	Mode	8	-4924.0389	35151.4018	-2.828E-12	4	-1	
4	11	MODAL	Mode	8	-4924.0389	38666.5337	-3.086E-12	4	-1	
4	0	MODAL	Mode	9	2.840E-12	2.489E-14	-6792.6123	4	-1	
4	0.5	MODAL	Mode	9	2.840E-12	2.241E-12	-6742.8421	4	-1	
4	1	MODAL	Mode	9	2.840E-12	1.996E-12	-6792.6894	4	-1	
4	1.5	MODAL	Mode	9	2.84E-12	1.781E-12	-6792.689	4	-1	
4	2	MODAL	Mode	9	2.840E-12	1.506E-12	-6771.3937	4	-1	
4	2.5	MODAL	Mode	9	2.840E-12	1.280E-12	-6736.2973	4	-1	
4	3	MODAL	Mode	9	2.840E-12	1.019E-12	-6787.9608	4	-1	
4	3.5	MODAL	Mode	9	2.840E-12	7.701E-13	-6792.6845	4	-1	
4	4	MODAL	Mode	9	2.840E-12	5.250E-13	-6793.0081	4	-1	
4	4.5	MODAL	Mode	9	2.840E-12	2.789E-13	-6773.0317	4	-1	
4	5	MODAL	Mode	9	2.840E-12	3.479E-14	-6793.0584	4	-1	
4	5.5	MODAL	Mode	9	2.840E-12	-2.104E-13	-6793.0759	4	-1	
4	6	MODAL	Mode	9	2.840E-12	-4.555E-13	-6793.1028	4	-1	
4	6.5	MODAL	Mode	9	2.840E-12	-7.005E-13	-6777.1262	4	-1	
4	7	MODAL	Mode	9	2.840E-12	-9.468E-13	-6793.1491	4	-1	
4	7.5	MODAL	Mode	9	2.840E-12	-1.019E-12	-6793.1734	4	-1	
4	8	MODAL	Mode	9	2.840E-12	-1.436E-12	-6793.1971	4	-1	
4	8.5	MODAL	Mode	9	2.840E-12	-1.681E-12	-6793.2207	4	-1	
4	9	MODAL	Mode	9	2.840E-12	-1.926E-12	-6793.2445	4	-1	
4	9.5	MODAL	Mode	9	2.840E-12	-2.171E-12	-6793.2679	4	-1	
4	10	MODAL	Mode	9	2.840E-12	-2.417E-12	-6793.2915	4	-1	
4	10.5	MODAL	Mode	9	2.840E-12	-2.662E-12	-6793.3161	4	-1	
4	11	MODAL	Mode	9	2.840E-12	-2.807E-12	-6793.3387	4	-1	
4	0	MODAL	Mode	10	-0.0765	-73198.0883	-1.784E-12	4	-1	
4	0.5	MODAL	Mode	10	-0.0765	-73191.1053	-4.266E-12	4	-1	
4	1	MODAL	Mode	10	-0.0765	-73186.1241	-7.715E-12	4	-1	
4	1.5	MODAL	Mode	10	-0.0765	-73188.1435	-1.280E-12	4	-1	
4	2	MODAL	Mode	10	-0.0765	-73186.1825	-2.779E-12	4	-1	
4	2.5	MODAL	Mode	10	-0.0765	-73186.1116	-2.278E-12	4	-1	
4	3	MODAL	Mode	10	-0.0765	-73186.2007	-1.778E-12	4	-1	
4	3.5	MODAL	Mode	10	-0.0765	-73186.2197	-1.278E-12	4	-1	
4	4	MODAL	Mode	10	-0.0765	-73185.2386	-7.738E-13	4	-1	
4	4.5	MODAL	Mode	10	-0.0765	-73185.2577	-2.272E-13	4	-1	
4	5	MODAL	Mode	10	-0.0765	-73185.2769	2.265E-13	4	-1	
4	5.5	MODAL	Mode	10	-0.0765	-73186.289	7.208E-13	4	-1	
4	6	MODAL	Mode	10	-0.0765	-73195.3151	1.231E-12	4	-1	
4	6.5	MODAL	Mode	10	-0.0765	-73195.3341	1.732E-12	4	-1	
4	7	MODAL	Mode	10	-0.0765	-73196.3734	2.233E-12	4	-1	
4	7.5	MODAL	Mode	10	-0.0765	-73196.3925	2.735E-12	4	-1	
4	8	MODAL	Mode	10	-0.0765	-73196.3913	3.236E-12	4	-1	
4	8.5	MODAL	Mode	10	-0.0765	-73196.4104	3.737E-12	4	-1	

Table: Element Forces - Frames, Part 2 of 3

Frame	Station	Output Case	Step Type	Step Number	T	U	W	FX	FY	FZ	MX	MY	MZ	Prn. Unit
4	1.5	LIVE			0	0	0	-149,5808	4-1					
4	2	LIVE			0	0	0	10,8792	4-1					
4	2.6	LIVE			0	0	0	169,0382	4-1					
4	3	LIVE			0	0	0	315,7393	4-1					
4	3.6	LIVE			0	0	0	490,0383	4-1					
4	4	LIVE			0	0	0	588,8394	4-1					
4	4.8	LIVE			0	0	0	732,4351	4-1					
4	5	LIVE			0	0	0	868,5394	4-1					
4	5.5	LIVE			0	0	0	911,2361	4-1					
4	6	LIVE			0	0	0	858,5395	4-1					
4	6.5	LIVE			0	0	0	732,4353	4-1					
4	7	LIVE			0	0	0	598,0396	4-1					
4	7.8	LIVE			0	0	0	468,0396	4-1					
4	8	LIVE			0	0	0	315,7397	4-1					
4	8.5	LIVE			0	0	0	169,0397	4-1					
4	9	LIVE			0	0	0	10,8808	4-1					
4	9.8	LIVE			0	0	0	-149,5802	4-1					
4	10	LIVE			0	0	0	-315,7402	4-1					
4	11	LIVE			0	0	0	-487,7901	4-1					
4	0	DCON1			0	0	0	-693,4901	4-1					
4	0.5	DCON1			0	0	0	-1253,6464	4-1					
4	1	DCON1			0	0	0	-801,7117	4-1					
4	1.5	DCON1			0	0	0	-392,0098	4-1					
4	2	DCON1			0	0	0	-27,1390	4-1					
4	2.5	DCON1			0	0	0	285,8988	4-1					
4	3	DCON1			0	0	0	575,3085	4-1					
4	3.5	DCON1			0	0	0	811,8904	4-1					
4	4	DCON1			0	0	0	1030,8236	4-1					
4	4.5	DCON1			0	0	0	1151,235	4-1					
4	4.8	DCON1			0	0	0	1281,8147	4-1					
4	5	DCON1			0	0	0	1328,2735	4-1					
4	5.5	DCON1			0	0	0	1345,8787	4-1					
4	6	DCON1			0	0	0	1381,3631	4-1					
4	6.5	DCON1			0	0	0	1263,8150	4-1					
4	7	DCON1			0	0	0	1158,2387	4-1					
4	7.5	DCON1			0	0	0	1005,8258	4-1					
4	8	DCON1			0	0	0	811,8832	4-1					
4	8.5	DCON1			0	0	0	575,3088	4-1					
4	9	DCON1			0	0	0	295,3027	4-1					
4	10	DCON1			0	0	0	-27,1391	4-1					
4	10.5	DCON1			0	0	0	-801,7092	4-1					
4	11	DCON1			0	0	0	-1253,6393	4-1					
4	0	DCON2			0	0	0	-624,7308	4-1					
4	0.5	DCON2			0	0	0	-1531,8531	4-1					
4	1	DCON2			0	0	0	-905,1011	4-1					
4	1.5	DCON2			0	0	0	-291,4608	4-1					
4	2	DCON2			0	0	0	-21,0077	4-1					
4	2.5	DCON2			0	0	0	824,3544	4-1					
4	3	DCON2			0	0	0	1686,3626	4-1					
4	3.5	DCON2			0	0	0	2054,8441	4-1					
4	4	DCON2			0	0	0	2387,4773	4-1					
4	4.5	DCON2			0	0	0	2616,1716	4-1					

Table: Element Forces - Frames, Part 2 of 3

Frame	Station	Output Case	Step Type	Step Number	T	U	W	FX	FY	FZ	MX	MY	MZ	Prn. Unit
4	5.5	DCON2			0	0	0	0	0	0	2716,738	4-1		
4	6	DCON2			0	0	0	0	0	0	2616,1724	4-1		
4	6.5	DCON2			0	0	0	0	0	0	2382,4751	4-1		
4	7	DCON2			0	0	0	0	0	0	2054,8481	4-1		
4	7.5	DCON2			0	0	0	0	0	0	1686,3653	4-1		
4	8	DCON2			0	0	0	0	0	0	1256,5937	4-1		
4	8.5	DCON2			0	0	0	0	0	0	824,3134	4-1		
4	9	DCON2			0	0	0	0	0	0	312,0124	4-1		
4	9.5	DCON2			0	0	0	0	0	0	-251,4764	4-1		
4	10	DCON2			0	0	0	0	0	0	-865,096	4-1		
4	11	DCON2			0	0	0	0	0	0	-1531,8493	4-1		
4	0	DEAD			0	0	0	0	0	0	-2248,7294	4-1		
4	0.5	DEAD			0	0	0	0	0	0	1045,7555	6-1		
4	1	DEAD			0	0	0	0	0	0	758,4657	6-1		
4	1.5	DEAD			0	0	0	0	0	0	447,8919	6-1		
4	2	DEAD			0	0	0	0	0	0	111,4351	6-1		
4	2.5	DEAD			0	0	0	0	0	0	-249,3048	6-1		
4	3	MODAL			1	2874,5231	275,0104	-2,165E-09	6-1					
4	3.5	MODAL			1	2874,5231	-42,4074	-2,517E-09	6-1					
4	4	MODAL			1	2874,5231	-589,8251	1,133E-08	6-1					
4	4.5	MODAL			1	2874,5231	-877,2428	4,788E-09	6-1					
4	5	MODAL			1	2874,5231	-994,8605	8,432E-09	6-1					
4	5.5	MODAL			2	-4,823E-08	1,422E-08	-4,104,862	6-1					
4	6	MODAL			2	-5,923E-09	5,380E-09	-4,651,2513	6-1					
4	6.5	MODAL			2	-6,823E-08	-3,569E-09	-4,817,8008	6-1					
4	7	MODAL			2	-5,823E-09	-1,890E-08	-6,174,5186	6-1					
4	7.5	MODAL			2	-6,823E-08	-2,164E-08	-5,631,1392	6-1					
4	8	MODAL			3	-6,498,6882	4766,7118	-2,839E-07	6-1					
4	8.5	MODAL			3	-6,498,6882	5130,2434	-1,184E-07	6-1					
4	9	MODAL			3	-6,498,6882	5554,7753	5,387E-08	6-1					
4	9.5	MODAL			3	-6,498,6882	5979,3071	2,225E-07	6-1					
4	10	MODAL			3	-6,498,6882	6407,839	3,948E-07	6-1					
4	10.5	MODAL			4	7,240E-12	-5,418E-12	8418,2809	6-1					
4	11	MODAL			4	7,240E-12	-4,209E-12	8094,8617	6-1					
4	0	MODAL			4	7,240E-12	-5,102E-12	3750,4428	6-1					
4	0.5	MODAL			4	7,240E-12	-1,944E-12	1418,0234	6-1					
4	1	MODAL			4	7,240E-12	-2,748E-13	-916,3173	6-1					
4	1.5	MODAL			5	-3,498E-12	2,287E-12	-10173,528	6-1					
4	2	MODAL			5	-3,498E-12	8,888E-12	-9482,416	6-1					
4	2.5	MODAL			5	-3,498E-12	1,508E-11	-8081,303	6-1					
4	3	MODAL			5	-3,498E-12	2,149E-11	-6700,1901	6-1					
4	3.5	MODAL			5	-3,498E-12	2,780E-11	-5389,0771	6-1					
4	4	MODAL			5	3257,8973	-635,4835	-4,424E-12	6-1					
4	4.5	MODAL			6	3257,8973	75,8463	-3,883E-12	6-1					
4	5	MODAL			6	3257,8973	692,7781	-1,342E-12	6-1					
4	5.5	MODAL			6	3257,8973	1,08,9058	1,159E-12	6-1					
4	6	MODAL			6	3257,8973	1,021,0288	3,740E-12	6-1					
4	6.5	MODAL			7	-1,274E-12	6,889E-12	15477,4897	6-1					
4	7	MODAL			7	-1,274E-12	-1,077E-11	6266,18215	6-1					
4	7.5	MODAL			7	-1,274E-12	-2,880E-11	58845,7553	6-1					
4	8	MODAL			7	-1,274E-12	-4,822E-11	55025,8971	6-1					
4	8.5	MODAL			7	-1,274E-12	-6,389E-11	51214,0243	6-1					
4	9	MODAL			8	-46816,3158	39647,2031	3,846E-12	6-1					
4	9.5	MODAL			8	-46816,3158	39371,8013	1,841E-12	6-1					

Table: Element Forces - Frames, Part 2 of 3														
Frame	Station	Output Case	Step Type	Step Number	T	U	W	FX	FY	FZ	MX	MY	MZ	Prn. Unit
	in				KN-m			KN	KN	KN	KN-m	KN-m	KN-m	
8	0.91685	MODAL	Mode	8	-46816.3158	38085.9095		-2.162E-12						6-1
8	1.37488	MODAL	Mode	8	-46816.3158	38817.9128		-5.165E-12						6-1
8	1.8333	MODAL	Mode	8	-46816.3158	38443.916		-1.012E-11						6-1
8	0	MODAL	Mode	9	3.010E-12	-4.810E-12		-10923.747						6-1
8	0.45833	MODAL	Mode	9	3.010E-12	-1.602E-12		-82878.813						6-1
8	0.91685	MODAL	Mode	9	3.010E-12	-5.947E-13		-6136.2686						6-1
8	1.37488	MODAL	Mode	9	3.010E-12	2.120E-13		-28592.2509						6-1
8	1.8333	MODAL	Mode	9	3.010E-12	1.121E-12		-1948.4322						6-1
8	0	MODAL	Mode	10	-3433.0291	7632.7265		-1.835E-11						6-1
8	0.47333	MODAL	Mode	10	-3433.0291	2571.8872		-2.891E-11						6-1
8	0.91685	MODAL	Mode	10	-3433.0291	-721.8879		5.377E-11						6-1
8	1.37488	MODAL	Mode	10	-3433.0291	-1464.618		4.472E-11						6-1
8	1.8333	MODAL	Mode	10	-3433.0291	-220567.212		6.574E-11						6-1
8	0	MODAL	Mode	11	2.851E-12	-1.000E-12		233221.8755						6-1
8	0.45833	MODAL	Mode	11	2.851E-12	-3.558E-12		122422.6798						6-1
8	0.91685	MODAL	Mode	11	2.851E-12	-8.146E-12		1904.3964						6-1
8	1.37488	MODAL	Mode	11	2.851E-12	-1.274E-11		-100874.412						6-1
8	1.8333	MODAL	Mode	11	2.851E-12	-1.834E-11		-212073.108						6-1
8	0	MODAL	Mode	12	5.620E-11	-4.093E-11		-49466.1716						6-1
8	0.45833	MODAL	Mode	12	5.620E-11	-7.07E-12		-44872.5718						6-1
8	0.91685	MODAL	Mode	12	5.620E-11	2.324E-11		-66294.972						6-1
8	1.37488	MODAL	Mode	12	5.620E-11	5.530E-11		-47712.322						6-1
8	1.8333	MODAL	Mode	12	5.620E-11	1.34E-11		-48138.7724						6-1
8	0	LIVE			0	0	0	324.6406						6-1
8	0.45833	LIVE			0	0	0	217.3089						6-1
8	0.91685	LIVE			0	0	0	110.8711						6-1
8	1.37488	LIVE			0	0	0	2.8486						6-1
8	1.8333	LIVE			0	0	0	54.3644						6-1
8	0	DCON1			0	0	0	1413.12						6-1
8	0.45833	DCON1			0	0	0	1028.2787						6-1
8	0.91685	DCON1			0	0	0	404.3641						6-1
8	1.37488	DCON1			0	0	0	150.4374						6-1
8	1.8333	DCON1			0	0	0	334.9614						6-1
8	0	DCON2			0	0	0	1599.6321						6-1
8	0.45833	DCON2			0	0	0	1051.2427						6-1
8	0.91685	DCON2			0	0	0	786.5912						6-1
8	1.37488	DCON2			0	0	0	164.7076						6-1
8	1.8333	DCON2			0	0	0	-103.138						6-1
7	0	DEAD			0	0	0	-260.7082						7-1
7	0.45833	DEAD			0	0	0	-63.8229						7-1
7	0.91685	DEAD			0	0	0	-31.6228						7-1
7	1.37488	DEAD			0	0	0	-723.6053						7-1
7	1.8333	DEAD			0	0	0	-940.071						7-1
7	0	MODAL	Mode	1	1707.6892	-984.4254		6.832E-09						7-1
7	0.45833	MODAL	Mode	1	1707.432	-1189.8732		3.971E-09						7-1
7	0.91685	MODAL	Mode	1	1707.638	-1053.973		1.46E-09						7-1
7	1.37488	MODAL	Mode	1	1707.392	-1040.3377		7.731E-09						7-1
7	1.8333	MODAL	Mode	1	1707.6892	-1728.3904		-1.310E-08						7-1
7	0	MODAL	Mode	2	-8.974E-04	-2.129E-06		-4951.947						7-1
7	0.45833	MODAL	Mode	2	-8.974E-04	-2.032E-07		-4953.5078						7-1
7	0.91685	MODAL	Mode	2	-8.974E-04	-3.851E-07		-4293.231						7-1
7	1.37488	MODAL	Mode	2	-8.974E-04	-7.87E-08		-786.8541						7-1
7	1.8333	MODAL	Mode	2	-8.974E-04	-6.43E-07		-3914.471						7-1
7	0	MODAL	Mode	3	-8306.840	7.31E-05		3.895E-07						7-1

Frame	Station	Output Case	StepType	StepNum	FrameElem	ElementValue
4	4	MODAL	Mode	9	4-1	4
4	4.5	MODAL	Mode	9	4-1	4.5
4	5	MODAL	Mode	9	4-1	5
4	5.5	MODAL	Mode	9	4-1	5.5
4	6	MODAL	Mode	9	4-1	6
4	6.5	MODAL	Mode	9	4-1	6.5
4	7	MODAL	Mode	9	4-1	7
4	7.5	MODAL	Mode	9	4-1	7.5
4	8	MODAL	Mode	9	4-1	8
4	8.5	MODAL	Mode	9	4-1	8.5
4	9	MODAL	Mode	9	4-1	9
4	9.5	MODAL	Mode	9	4-1	9.5
4	10	MODAL	Mode	9	4-1	10
4	10.5	MODAL	Mode	9	4-1	10.5
4	11	MODAL	Mode	9	4-1	11
4	0	MODAL	Mode	10	4-1	0
4	0.5	MODAL	Mode	10	4-1	0.5
4	1	MODAL	Mode	10	4-1	1
4	1.5	MODAL	Mode	10	4-1	1.5
4	2	MODAL	Mode	10	4-1	2
4	2.5	MODAL	Mode	10	4-1	2.5
4	3	MODAL	Mode	10	4-1	3
4	3.5	MODAL	Mode	10	4-1	3.5
4	4	MODAL	Mode	10	4-1	4
4	4.5	MODAL	Mode	10	4-1	4.5
4	5	MODAL	Mode	10	4-1	5
4	5.5	MODAL	Mode	10	4-1	5.5
4	6	MODAL	Mode	10	4-1	6
4	6.5	MODAL	Mode	10	4-1	6.5
4	7	MODAL	Mode	10	4-1	7
4	7.5	MODAL	Mode	10	4-1	7.5
4	8	MODAL	Mode	10	4-1	8
4	8.5	MODAL	Mode	10	4-1	8.5
4	9	MODAL	Mode	10	4-1	9
4	9.5	MODAL	Mode	10	4-1	9.5
4	10	MODAL	Mode	10	4-1	10
4	10.5	MODAL	Mode	10	4-1	10.5
4	11	MODAL	Mode	10	4-1	11
4	0	MODAL	Mode	11	4-1	0
4	0.5	MODAL	Mode	11	4-1	0.5
4	1	MODAL	Mode	11	4-1	1
4	1.5	MODAL	Mode	11	4-1	1.5
4	2	MODAL	Mode	11	4-1	2
4	2.5	MODAL	Mode	11	4-1	2.5
4	3	MODAL	Mode	11	4-1	3
4	3.5	MODAL	Mode	11	4-1	3.5
4	4	MODAL	Mode	11	4-1	4
4	4.5	MODAL	Mode	11	4-1	4.5
4	5	MODAL	Mode	11	4-1	5
4	5.5	MODAL	Mode	11	4-1	5.5
4	6	MODAL	Mode	11	4-1	6
4	6.5	MODAL	Mode	11	4-1	6.5
4	7	MODAL	Mode	11	4-1	7
4	7.5	MODAL	Mode	11	4-1	7.5

Frame	Station	Output Case	StepType	StepNum	FrameElem	ElementValue
4	8	MODAL	Mode	11	4-1	8
4	8.5	MODAL	Mode	11	4-1	8.5
4	9	MODAL	Mode	11	4-1	9
4	9.5	MODAL	Mode	11	4-1	9.5
4	10	MODAL	Mode	11	4-1	10
4	10.5	MODAL	Mode	11	4-1	10.5
4	11	MODAL	Mode	11	4-1	11
4	0	MODAL	Mode	12	4-1	0
4	0.5	MODAL	Mode	12	4-1	0.5
4	1	MODAL	Mode	12	4-1	1
4	1.5	MODAL	Mode	12	4-1	1.5
4	2	MODAL	Mode	12	4-1	2
4	2.5	MODAL	Mode	12	4-1	2.5
4	3	MODAL	Mode	12	4-1	3
4	3.5	MODAL	Mode	12	4-1	3.5
4	4	MODAL	Mode	12	4-1	4
4	4.5	MODAL	Mode	12	4-1	4.5
4	5	MODAL	Mode	12	4-1	5
4	5.5	MODAL	Mode	12	4-1	5.5
4	6	MODAL	Mode	12	4-1	6
4	6.5	MODAL	Mode	12	4-1	6.5
4	7	MODAL	Mode	12	4-1	7
4	7.5	MODAL	Mode	12	4-1	7.5
4	8	MODAL	Mode	12	4-1	8
4	8.5	MODAL	Mode	12	4-1	8.5
4	9	MODAL	Mode	12	4-1	9
4	9.5	MODAL	Mode	12	4-1	9.5
4	10	MODAL	Mode	12	4-1	10
4	10.5	MODAL	Mode	12	4-1	10.5
4	11	MODAL	Mode	12	4-1	11
4	0	LIVE	Mode	13	4-1	0
4	0.5	LIVE	Mode	13	4-1	0.5
4	1	LIVE	Mode	13	4-1	1
4	1.5	LIVE	Mode	13	4-1	1.5
4	2	LIVE	Mode	13	4-1	2
4	2.5	LIVE	Mode	13	4-1	2.5
4	3	LIVE	Mode	13	4-1	3
4	3.5	LIVE	Mode	13	4-1	3.5
4	4	LIVE	Mode	13	4-1	4
4	4.5	LIVE	Mode	13	4-1	4.5
4	5	LIVE	Mode	13	4-1	5
4	5.5	LIVE	Mode	13	4-1	5.5
4	6	LIVE	Mode	13	4-1	6
4	6.5	LIVE	Mode	13	4-1	6.5
4	7	LIVE	Mode	13	4-1	7
4	7.5	LIVE	Mode	13	4-1	7.5
4	8	LIVE	Mode	13	4-1	8
4	8.5	LIVE	Mode	13	4-1	8.5
4	9	LIVE	Mode	13	4-1	9
4	9.5	LIVE	Mode	13	4-1	9.5
4	10	LIVE	Mode	13	4-1	10
4	10.5	LIVE	Mode	13	4-1	10.5
4	11	LIVE	Mode	13	4-1	11
4	0	DEAD	Mode	14	4-1	0

Frame	Station	Output Case	StepType	StepNum	FrameElem	ElementValue
4	0.5	DCON1			4-1	0.5
4	1	DCON1			4-1	1
4	1.5	DCON1			4-1	1.5
4	2	DCON1			4-1	2
4	2.5	DCON1			4-1	2.5
4	3	DCON1			4-1	3
4	3.5	DCON1			4-1	3.5
4	4	DCON1			4-1	4
4	4.5	DCON1			4-1	4.5
4	5	DCON1			4-1	5
4	5.5	DCON1			4-1	5.5
4	6	DCON1			4-1	6
4	6.5	DCON1			4-1	6.5
4	7	DCON1			4-1	7
4	7.5	DCON1			4-1	7.5
4	8	DCON1			4-1	8
4	8.5	DCON1			4-1	8.5
4	9	DCON1			4-1	9
4	9.5	DCON1			4-1	9.5
4	10	DCON1			4-1	10
4	10.5	DCON1			4-1	10.5
4	11	DCON1			4-1	11
4	0	DCON2			4-1	0
4	0.5	DCON2			4-1	0.5
4	1	DCON2			4-1	1
4	1.5	DCON2			4-1	1.5
4	2	DCON2			4-1	2
4	2.5	DCON2			4-1	2.5
4	3	DCON2			4-1	3
4	3.5	DCON2			4-1	3.5
4	4	DCON2			4-1	4
4	4.5	DCON2			4-1	4.5
4	5	DCON2			4-1	5
4	5.5	DCON2			4-1	5.5
4	6	DCON2			4-1	6
4	6.5	DCON2			4-1	6.5
4	7	DCON2			4-1	7
4	7.5	DCON2			4-1	7.5
4	8	DCON2			4-1	8
4	8.5	DCON2			4-1	8.5
4	9	DCON2			4-1	9
4	9.5	DCON2			4-1	9.5
4	10	DCON2			4-1	10
4	10.5	DCON2			4-1	10.5
4	11	DCON2			4-1	11
0	0	DEAD			6-1	0
0	0.43333	CE3D			6-1	0.45833
0	0.91665	DE1D			6-1	0.91665
8	1.37498	DE1D			1, 37498	1.37498
8	1.8933	DEAD			6-1	1.8933
6	0	MODAL	Mode	1	6-1	0
6	0.45833	MODAL	Mode	1	6-1	0.45833
0	0.91665	MODAL	Mode	1	7	0.91667
6	1.37498	MODAL	Mode	1	6-1	1.37491

Table1: Element Frames - Frames, Part 3 of 3						
Frame	Station	Object/Case	StopType	StopTime	FrameTime	ElementTime
	B1					A
7	0.91665	MODAL	Mode	7, -1	7, -1	0.91665
7	1.37498	MODAL	Mode	7, -1	7, -1	1.37498
7	1.8333	MODAL	Mode	7, -1	7, -1	1.8333
7	0	MODAL	Mode	8, -1	0	0
7	0.45833	MODAL	Mode	8, -1	0.45833	0.45833
7	0.91665	MODAL	Mode	8, -1	0.91665	0.91665
7	1.37498	MODAL	Mode	8, -1	1.37498	1.37498
7	1.8333	MODAL	Mode	8, -1	1.8333	1.8333
7	0	MODAL	Mode	9, -1	0	0
7	0.45833	MODAL	Mode	9, -1	0.45833	0.45833
7	0.91665	MODAL	Mode	9, -1	0.91665	0.91665
7	1.37498	MODAL	Mode	9, -1	1.37498	1.37498
7	1.8333	MODAL	Mode	10, -1	1.8333	1.8333
7	0	MODAL	Mode	10, -1	0	0
7	0.45833	MODAL	Mode	10, -1	0.45833	0.45833
7	0.91665	MODAL	Mode	10, -1	0.91665	0.91665
7	1.37498	MODAL	Mode	10, -1	1.37498	1.37498
7	1.8333	MODAL	Mode	10, -1	1.8333	1.8333
7	0	MODAL	Mode	11, -1	0	0
7	0.45833	MODAL	Mode	11, -1	0.45833	0.45833
7	0.91665	MODAL	Mode	11, -1	0.91665	0.91665
7	1.37498	MODAL	Mode	11, -1	1.37498	1.37498
7	1.8333	MODAL	Mode	11, -1	1.8333	1.8333
7	0	MODAL	Mode	12, -1	0	0
7	0.45833	MODAL	Mode	12, -1	0.45833	0.45833
7	0.91665	MODAL	Mode	12, -1	0.91665	0.91665
7	1.37498	MODAL	Mode	12, -1	1.37498	1.37498
7	1.8333	MODAL	Mode	12, -1	1.8333	1.8333
7	0	UVE	UVE	7, -1	0	0
7	0.45833	UVE	UVE	7, -1	0.45833	0.45833
7	0.91665	UVE	UVE	7, -1	0.91665	0.91665
7	1.37498	UVE	UVE	7, -1	1.37498	1.37498
7	1.8333	UVE	UVE	7, -1	1.8333	1.8333
7	0	DCON1	DCON1	7, -1	0	0
7	0.45833	DCON1	DCON1	7, -1	0.45833	0.45833
7	0.91665	DCON1	DCON1	7, -1	0.91665	0.91665
7	1.37498	DCON1	DCON1	7, -1	1.37498	1.37498
7	1.8333	DCON1	DCON1	7, -1	1.8333	1.8333
7	0	DCON2	DCON2	7, -1	0	0
7	0.45833	DCON2	DCON2	7, -1	0.45833	0.45833
7	0.91665	DCON2	DCON2	7, -1	0.91665	0.91665
7	1.37498	DCON2	DCON2	7, -1	1.37498	1.37498
7	1.8333	DCON2	DCON2	7, -1	1.8333	1.8333
7	0	DEAD	DEAD	8, -1	0	0
7	0.45833	DEAD	DEAD	8, -1	0.45833	0.45833
7	0.91665	DEAD	DEAD	8, -1	0.91665	0.91665
7	1.37498	DEAD	DEAD	8, -1	1.37498	1.37498
7	1.8333	DEAD	DEAD	8, -1	1.8333	1.8333
7	0	MODAL	Mode	1, 8, -1	0	0
7	0.45833	MODAL	Mode	1, 8, -1	0.45833	0.45833
7	0.91665	MODAL	Mode	1, 8, -1	0.91665	0.91665
7	1.37498	MODAL	Mode	1, 8, -1	1.37498	1.37498
7	1.8333	MODAL	Mode	1, 8, -1	1.8333	1.8333
7	0	MODAL	Mode	2, 6, -1	0	0

Table: Element Forces - Frames, Part 2 of 3									
Frame	Station	Occupancy	Warp Type	Station	Frame	Station	Occupancy	Warp Type	Station
0	0	LIVE		0	0	0	LIVE		0
0	0.45833	LIVE		0	0	0.45833	LIVE		0.45833
0	0.91666	LIVE		0	0	0.91666	LIVE		0.91666
0	1.37498	LIVE		0	0	1.37498	LIVE		1.37498
0	1.8333	LIVE		0	0	1.8333	LIVE		1.8333
0	0	DCON1		0	0	0	DCON1		0
0	0.45833	DCON1		0	0	0.45833	DCON1		0.45833
0	0.91666	DCON1		0	0	0.91666	DCON1		0.91666
0	1.37498	DCON1		0	0	1.37498	DCON1		1.37498
0	1.8333	DCON1		0	0	1.8333	DCON1		1.8333
0	0	DCON2		0	0	0	DCON2		0
0	0.45833	DCON2		0	0	0.45833	DCON2		0.45833
0	0.91666	DCON2		0	0	0.91666	DCON2		0.91666
0	1.37498	DCON2		0	0	1.37498	DCON2		1.37498
0	1.8333	DCON2		0	0	1.8333	DCON2		1.8333
0	0	DEAD		0	0	0	DEAD		0
0	0.45833	DEAD		0	0	0.45833	DEAD		0.45833
0	0.91666	DEAD		0	0	0.91666	DEAD		0.91666
0	1.37498	DEAD		0	0	1.37498	DEAD		1.37498
0	1.8333	DEAD		0	0	1.8333	DEAD		1.8333
0	0	MODAL	Mode	1	0	0	MODAL	Mode	1
0	0.45833	MODAL	Mode	1	0	0.45833	MODAL	Mode	1
0	0.91666	MODAL	Mode	1	0	0.91666	MODAL	Mode	1
0	1.37498	MODAL	Mode	1	0	1.37498	MODAL	Mode	1
0	1.8333	MODAL	Mode	1	0	1.8333	MODAL	Mode	1
0	0	MODAL	Mode	2	0	0	MODAL	Mode	2
0	0.45833	MODAL	Mode	2	0	0.45833	MODAL	Mode	2
0	0.91666	MODAL	Mode	2	0	0.91666	MODAL	Mode	2
0	1.37498	MODAL	Mode	2	0	1.37498	MODAL	Mode	2
0	1.8333	MODAL	Mode	2	0	1.8333	MODAL	Mode	2
0	0	MODAL	Mode	3	0	0	MODAL	Mode	3
0	0.45833	MODAL	Mode	3	0	0.45833	MODAL	Mode	3
0	0.91666	MODAL	Mode	3	0	0.91666	MODAL	Mode	3
0	1.37498	MODAL	Mode	3	0	1.37498	MODAL	Mode	3
0	1.8333	MODAL	Mode	3	0	1.8333	MODAL	Mode	3
0	0	MODAL	Mode	4	0	0	MODAL	Mode	4
0	0.45833	MODAL	Mode	4	0	0.45833	MODAL	Mode	4
0	0.91666	MODAL	Mode	4	0	0.91666	MODAL	Mode	4
0	1.37498	MODAL	Mode	4	0	1.37498	MODAL	Mode	4
0	1.8333	MODAL	Mode	4	0	1.8333	MODAL	Mode	4
0	0	MODAL	Mode	5	0	0	MODAL	Mode	5
0	0.45833	MODAL	Mode	5	0	0.45833	MODAL	Mode	5
0	0.91666	MODAL	Mode	5	0	0.91666	MODAL	Mode	5
0	1.37498	MODAL	Mode	5	0	1.37498	MODAL	Mode	5
0	1.8333	MODAL	Mode	5	0	1.8333	MODAL	Mode	5
0	0	MODAL	Mode	6	0	0	MODAL	Mode	6
0	0.45833	MODAL	Mode	6	0	0.45833	MODAL	Mode	6
0	0.91666	MODAL	Mode	6	0	0.91666	MODAL	Mode	6
0	1.37498	MODAL	Mode	6	0	1.37498	MODAL	Mode	6
0	1.8333	MODAL	Mode	6	0	1.8333	MODAL	Mode	6
0	0	MODAL	Mode	7	0	0	MODAL	Mode	7
0	0.45833	MODAL	Mode	7	0	0.45833	MODAL	Mode	7
0	0.91666	MODAL	Mode	7	0	0.91666	MODAL	Mode	7
0	1.37498	MODAL	Mode	7	0	1.37498	MODAL	Mode	7
0	1.8333	MODAL	Mode	7	0	1.8333	MODAL	Mode	7

Frame	Station	OutputCase	StepType	StepNum	Translation	Elevation
8	1,8333	MODAL	Mode	7	8-1	1,8333
8	0	MODAL	Mod	8	8-1	0
8	0,45833	MODAL	Mode	8	8-1	0,45833
8	0,91666	MODAL	Mode	8	8-1	0,91666
8	1,37488	MODAL	Mode	8	8-1	1,37488
8	1,8333	MODAL	Mode	8	8-1	1,8333
8	0	MODAL	Mod	9	8-1	0
8	0,45833	MODAL	Mode	9	8-1	0,45833
8	0,91666	MODAL	Mode	9	8-1	0,91666
8	1,37488	MODAL	Mode	9	8-1	1,37488
8	1,8333	MODAL	Mode	9	8-1	1,8333
8	0	MODAL	Mode	10	8-1	0
8	0,45833	MODAL	Mode	10	8-1	0,45833
8	0,91666	MODAL	Mode	10	8-1	0,91666
8	1,37488	MODAL	Mode	10	8-1	1,37488
8	1,8333	MODAL	Mode	10	8-1	1,8333
8	0	MODAL	Mode	11	8-1	0
8	0,45833	MODAL	Mode	11	8-1	0,45833
8	0,91666	MODAL	Mode	11	8-1	0,91666
8	1,37488	MODAL	Mode	11	8-1	1,37488
8	1,8333	MODAL	Mode	11	8-1	1,8333
8	0	MODAL	Mode	12	8-1	0
8	0,45833	MODAL	Mode	12	8-1	0,45833
8	0,91666	MODAL	Mode	12	8-1	0,91666
8	1,37488	MODAL	Mode	12	8-1	1,37488
8	1,8333	MODAL	Mode	12	8-1	1,8333
8	0	LIVE	Mode	12	8-1	0
8	0,45833	LIVE	Mode	8-1	0,45833	
8	0,91666	LIVE	Mode	8-1	0,91666	
8	1,37488	LIVE	Mode	8-1	1,37488	
8	1,8333	LIVE	Mode	8-1	1,8333	
8	0	DCON1	Mode	8-1	0	
8	0,45833	DCON1	Mode	8-1	0,45833	
8	0,91666	DCON1	Mode	8-1	0,91666	
8	1,37488	DCON1	Mode	8-1	1,37488	
8	1,8333	DCON1	Mode	8-1	1,8333	
8	0	DCON2	Mode	8-1	0	
8	0,45833	DCON2	Mode	8-1	0,45833	
8	0,91666	DCON2	Mode	8-1	0,91666	
8	1,37488	DCON2	Mode	8-1	1,37488	
8	1,8333	DCON2	Mode	8-1	1,8333	
10	0	DEAD	Mode	10-1	0	
10	0,45833	DEAD	Mode	10-1	0,45833	
10	0,91666	DEAD	Mode	10-1	0,91666	
10	1,37488	DEAD	Mode	10-1	1,37488	
10	1,8333	DEAD	Mode	10-1	1,8333	
10	0	MODAL	Mode	1	10-1	0
10	0,45833	MODAL	Mode	1	10-1	0,45833
10	0,91666	MODAL	Mode	1	10-1	0,91666
10	1,37488	MODAL	Mode	1	10-1	1,37488
10	1,8333	MODAL	Mode	1	10-1	1,8333
10	0	MODAL	Mod	2	10-1	0
10	0,45833	MODAL	Mode	2	10-1	0,45833
10	0,91666	MODAL	Mode	2	10-1	0,91666

Frame	Station	OutputCase	StepType	StepNum	Translation	Elevation
10	1,37488	MODAL	Mode	2	10-1	1,37488
10	1,8333	MODAL	Mod	2	10-1	1,8333
10	0	MODAL	Mod	3	10-1	0
10	0,45833	MODAL	Mode	3	10-1	0,45833
10	0,91666	MODAL	Mode	3	10-1	0,91666
10	1,37488	MODAL	Mode	3	10-1	1,37488
10	1,8333	MODAL	Mode	3	10-1	1,8333
10	0	MODAL	Mode	4	10-1	0
10	0,45833	MODAL	Mode	4	10-1	0,45833
10	0,91666	MODAL	Mode	4	10-1	0,91666
10	1,37488	MODAL	Mode	4	10-1	1,37488
10	1,8333	MODAL	Mode	4	10-1	1,8333
10	0	MODAL	Mode	5	10-1	0
10	0,45833	MODAL	Mod	5	10-1	0,45833
10	0,91666	MODAL	Mod	5	10-1	0,91666
10	1,37488	MODAL	Mod	5	10-1	1,37488
10	1,8333	MODAL	Mod	5	10-1	1,8333
10	0	MODAL	Mod	6	10-1	0
10	0,45833	MODAL	Mode	6	10-1	0,45833
10	0,91666	MODAL	Mode	6	10-1	0,91666
10	1,37488	MODAL	Mode	6	10-1	1,37488
10	1,8333	MODAL	Mode	6	10-1	1,8333
10	0	MODAL	Mode	7	10-1	0
10	0,45833	MODAL	Mode	7	10-1	0,45833
10	0,91666	MODAL	Mode	7	10-1	0,91666
10	1,37488	MODAL	Mode	7	10-1	1,37488
10	1,8333	MODAL	Mode	7	10-1	1,8333
10	0	MODAL	Mode	8	10-1	0
10	0,45833	MODAL	Mode	8	10-1	0,45833
10	0,91666	MODAL	Mode	8	10-1	0,91666
10	1,37488	MODAL	Mode	8	10-1	1,37488
10	1,8333	MODAL	Mode	8	10-1	1,8333
10	0	MODAL	Mode	9	10-1	0
10	0,45833	MODAL	Mode	9	10-1	0,45833
10	0,91666	MODAL	Mode	9	10-1	0,91666
10	1,37488	MODAL	Mode	9	10-1	1,37488
10	1,8333	MODAL	Mode	9	10-1	1,8333
10	0	MODAL	Mode	10	10-1	0
10	0,45833	MODAL	Mode	10	10-1	0,45833
10	0,91666	MODAL	Mode	10	10-1	0,91666
10	1,37488	MODAL	Mode	10	10-1	1,37488
10	1,8333	MODAL	Mode	10	10-1	1,8333
10	0	MODAL	Mode	11	10-1	0
10	0,45833	MODAL	Mode	11	10-1	0,45833
10	0,91666	MODAL	Mode	11	10-1	0,91666
10	1,37488	MODAL	Mode	11	10-1	1,37488
10	1,8333	MODAL	Mode	11	10-1	1,8333
10	0	MODAL	Mode	12	10-1	0
10	0,45833	MODAL	Mode	12	10-1	0,45833
10	0,91666	MODAL	Mode	12	10-1	0,91666
10	1,37488	MODAL	Mode	12	10-1	1,37488
10	1,8333	MODAL	Mode	12	10-1	1,8333
10	0	LIVE	Mode	12	10-1	0
10	0,45833	LIVE	Mode	10-1	0,45833	

Frame	Station	OutputCase	StepType	StepNum	Translation	Elevation
10	0,91666	LIVE	Mode	10-1	0,91666	
10	1,37488	LIVE	Mode	10-1	1,37488	
10	1,8333	LIVE	Mode	10-1	1,8333	
10	0	DCON1	Mode	10-1	0	
10	0,45833	DCON1	Mode	10-1	0,45833	
10	0,91666	DCON1	Mode	10-1	0,91666	
10	1,37488	DCON1	Mode	10-1	1,37488	
10	1,8333	DCON1	Mode	10-1	1,8333	
10	0	DCON2	Mode	10-1	0	
10	0,45833	DCON2	Mode	10-1	0,45833	
10	0,91666	DCON2	Mode	10-1	0,91666	
10	1,37488	DCON2	Mode	10-1	1,37488	
10	1,8333	DCON2	Mode	10-1	1,8333	
11	0	DEAD	Mode	11-1	0	
11	0,45833	DEAD	Mode	11-1	0,45833	
11	0,91666	DEAD	Mode	11-1	0,91666	
11	1,37488	DEAD	Mode	11-1	1,37488	
11	1,8333	DEAD	Mode	11-1	1,8333	
11	0	MODAL	Mode	1	11-1	0
11	0,45833	MODAL	Mode	1	11-1	0,45833
11	0,91666	MODAL	Mode	1	11-1	0,91666
11	1,37488	MODAL	Mode	1	11-1	1,37488
11	1,8333	MODAL	Mode	1	11-1	1,8333
11	0	MODAL	Mode	2	11-1	0
11	0,45833	MODAL	Mode	2	11-1	0,45833
11	0,91666	MODAL	Mode	2	11-1	0,91666
11	1,37488	MODAL	Mode	2	11-1	1,37488
11	1,8333	MODAL	Mode	2	11-1	1,8333
11	0	MODAL	Mode	3	11-1	0
11	0,45833	MODAL	Mode	3	11-1	0,45833
11	0,91666	MODAL	Mode	3	11-1	0,91666
11	1,37488	MODAL	Mode	3	11-1	1,37488
11	1,8333	MODAL	Mode	3	11-1	1,8333
11	0	MODAL	Mod	4	11-1	0
11	0,45833	MODAL	Mode	4	11-1	0,45833
11	0,91666	MODAL	Mode	4	11-1	0,91666
11	1,37488	MODAL	Mode	4	11-1	1,37488
11	1,8333	MODAL	Mode	4	11-1	1,8333
11	0	MODAL	Mode	5	11-1	0
11	0,45833	MODAL	Mode	5	11-1	0,45833
11	0,91666	MODAL	Mode	5	11-1	0,91666
11	1,37488	MODAL	Mode	5	11-1	1,37488
11	1,8333	MODAL	Mode	5	11-1	1,8333
11	0	MODAL	Mode	6	11-1	0
11	0,45833	MODAL	Mode	6	11-1	0,45833
11	0,91666	MODAL	Mode	6	11-1	0,91666
11	1,37488	MODAL	Mode	6	11-1	1,37488
11	1,8333	MODAL	Mode	6	11-1	1,8333
11	0	MODAL	Mode	7	11-1	0
11	0,45833	MODAL	Mode	7	11-1	0,45833
11	0,91666	MODAL	Mode	7	11-1	0,91666
11	1,37488	MODAL	Mode	7	11-1	1,37488
11	1,8333	MODAL	Mode	7	11-1	1,8333
11	0	MODAL	Mode	8	11-1	0

Table: Element Forces - Frames, Part 3 of 3						
Frame	Station	OutputCase	StepType	StepNum	Translation	Elevation
11	0	MODAL	Mode	8	11-1	0,45833
11	0,91675	MODAL	Mode	8	11-1	0,91675
11	1,37512	MODAL	Mode	8	11-1	1,37512
11	1,8335	MODAL	Mode	8	11-1	1,8335
11	0	MODAL	Mode	9	11-1	0
11	0,45837	MODAL	Mode	9	11-1	0,45837
11	0,91675	MODAL	Mode	9	11-1	0,91675
11	1,37512	MODAL	Mode	9	11-1	1,37512
11	1,8335	MODAL	Mode	9	11-1	1,8335
11	0	MODAL	Mode	10	11-1	0
11	0,45837	MODAL	Mode	10	11-1	0,45837
11	0,91675	MODAL	Mode	10	11-1	0,91675
11	1,37512	MODAL	Mode	10	11-1	1,37512
11	1,8335	MODAL	Mode	10	11-1	1,8335
11	0	MODAL	Mode	11	11-1	0
11	0,45837	MODAL	Mode	11	11-1	0,45837
11	0,91675	MODAL	Mode	11	11-1	0,91675
11	1,37512	MODAL	Mode	11	11-1	1,37512
11	1,8335	MODAL	Mode	11	11-1	1,8335
11	0	MODAL	Mode	12	11-1	0
11	0,45837	MODAL	Mode	12	11-1	0,45837
11	0,91675	MODAL	Mode	12	11-1	0,91675
11	1,37512	MODAL	Mode	12	11-1	1,37512
11	1,8335	MODAL	Mode	12	11-1	1,8335
11	0	LIVE	Mode	12	11-1	0
11	0,45837	LIVE	Mode	11-1	0,45837	
11	0,91675	LIVE	Mode	11-1	0,91675	
11	1,37512	LIVE	Mode	11-1	1,37512	
11	1,8335	LIVE	Mode	11-1	1,8335	
11	0	DCON1	Mode	11-1	0	
11	0,45837	DCON1	Mode	11-1	0,45837	
11	0,91675	DCON1	Mode	11-1	0,91675	
11	1,37512	DCON1	Mode	11-1	1,37512	
11	1,8335	DCON1	Mode	11-1	1,8335	
11	0	DCON2	Mode	11-1	0	
11	0,45837	DCON2	Mode	11-1	0,45837	
11	0,91675	DCON2	Mode	11-1	0,91675	
11	1,37512	DCON2	Mode	11-1	1,37512	
11	1,8335	DCON2	Mode	11-1	1,8335	

Table: Frame Loads - Distributed, Part 1 of 3							
Frame	LoadPat	CoordSys	Type	Dir	DistType	RefDistA	
8	DEAD	GLOBAL	Force	Z	RefDist	0.	
9	DEAD	GLOBAL	Force	Z	RefDist	0.	
10	DEAD	GLOBAL	Force	Z	RefDist	0.	
11	DEAD	GLOBAL	Force	Z	RefDist	0.	

Table: Frame Loads - Distributed, Part 2 of 3

Table: Frame Loads - Distributed, Part 2 of 3							
Frame	LoadPat	RefDistA	RefDistB	PowerLA	PowerLB	PowerLC	PowerLD
1	DEAD	1.	0.	4.10894	-60.	-60.	
3	DEAD	1.	0.	4.10894	-60.	-60.	
4	DEAD	1.	0.	11.	-60.	-60.	
4	DE/0	1.	0.	11.	-10.95	-10.95	
4	L/E	1.	0.	11.	-21.6	-21.6	
4	L/E	0.5545	4.9	5.1	-400.	-400.	
7	DEAD	1.	0.	1.8335	-60.	-60.	
8	DEAD	1.	0.	1.8335	-60.	-60.	
9	DEAD	1.	0.	1.8335	-60.	-60.	
10	DEAD	1.	0.	1.8335	-60.	-60.	
11	DEAD	1.	0.	1.8335	-60.	-60.	

Table: Frame Loads - Distributed, Part 3 of 3

Table: Frame Loads - Distributed, Part 3 of 3							
Frame	LoadPat	RefDistA	RefDistB	PowerLA	PowerLB	PowerLC	PowerLD
1	DEAD	208a2850-830d-4367-84-df68947801a58					
3	DEAD	49343705-c413-444a-81-e-053300844-47					
4	DEAD	06163540-12a8-41f3-4bf-d-01d28f62465					
4	DEAD	756472b7-b1a8-4157-92-07-c3a8a80a9e8					
4	L/E	4128820a-c271-4729-bc-ad-042b9c2c750					
4	L/E	0828029-a1b1-42ca-8b5-6-01783252203b					
6	DEAD	a21c13aa-4008-49aa-87-23-1e4d47780c31					
7	DEAD	b-4d4f8b-3273-43ac-8717-23a24868a76a					
8	DEAD	c05956a3-163a-49f8-82a-6-b056a5f-3cd3					
9	DEAD	d46758b4-0208-461d-8d7-45b6171b1c2					
10	DEAD	4a4a6e71-8001-407f-a8-e2-58a69077980					
11	DEAD	2c8b5b75-6744-4932-83-d4-7cab2295020b					

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

Table: Frame Section Properties 01 - General, Part 1 of 6									
SectionName	Mat	Stal	Shape	IS	IS	IS	IS	IS	IS
140_80	4000Pal		Rectangular	0.6	1.4	0.7	0.945228		
180_40	4000Pal		Rectangular	0.4	1.6	0.94	0.937759		
240_100	4000Pal		Rectangular	1.	2.4	0.7	0.945227		
53_40	4000Pal		Rectangular	0.4	0.53	0.212	0.006076		
53_50	4000Pal		Rectangular	0.5	0.53	0.265	0.009825		

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

Table: Frame Section Properties 01 - General, Part 2 of 6									
SectionName	IS	IS	IS	IS	IS	IS	IS	IS	IS
140_80	0.014593	0.114739	0.	0.533333	0.587113	0.008333	0.163333		
180_40	0.005533	0.136533	0.	0.533333	0.533333	0.042587	0.170337		
240_100	0.2	1.152	0.	2.	2.	0.4	0.96		
53_40	0.002827	0.004963	0.	0.17897	0.177967	0.014333	0.018727		
53_50	0.005521	0.006203	0.	0.220833	0.220833	0.022067	0.023406		

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

Table: Frame Section Properties 01 - General, Part 3 of 6									
SectionName	IS	IS	IS	IS	IS	IS	IS	IS	IS
140_80	0.0575	0.513	0.144527	0.404145	No	Yes	Yes	Yes	Yes
180_40	0.064	0.256	0.11547	0.48188	No	Yes	Yes	Yes	Yes
240_100	0.8	1.44	0.268575	0.68282	No	Yes	Yes	Yes	Yes
53_40	0.0212	0.02802	0.11547	0.152988	No	Yes	Yes	Yes	Yes
53_50	0.01125	0.01513	0.144336	0.152988	No	Yes	Yes	Yes	Yes

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

Table: Frame Section Properties 01 - General, Part 4 of 6									
SectionName	IS	IS	IS	IS	IS	IS	IS	IS	IS
140_80	0.	0.	No	1.	1.	1.	1.	1.	1.
180_40	0.	0.	No	1.	1.	1.	1.	1.	1.
240_100	1706.979	174.27	No	1.	1.	1.	1.	1.	1.
53_40	0.	0.	No	1.	1.	1.	1.	1.	1.
53_50	0.	0.	No	1.	1.	1.	1.	1.	1.

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

Table: Frame Section Properties 01 - General, Part 5 of 6							
SectionName	IS	IS	IS	IS	IS	IS	IS
140_80	1.	1.	1.	1.	1.	1.	1.
180_40	1.	1.	1.	1.	1.	1.	1.
240_100	1.	1.	1.	1.	1.	1.	1.
53_40	1.	1.	1.	1.	1.	1.	1.
53_50	1.	1.	1.	1.	1.	1.	1.

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

SectionName		Notes
140_80		Added 3/9/2020 2:43:00 PM
180_40		Added 3/9/2020 2:46:24 PM
240_100		Added 2/17/2022 2:38:10 PM
53_40		Added 3/9/2020 2:47:16 PM
53_50		Added 3/9/2020 2:45:22 PM

Table: Frame Section Properties 03 - Concrete Beam

Table: Frame Section Properties 03 - Concrete Beam									
SectionName	RebarType	RebarTypeC	TopCover	BotCover	TopRebarArea	TopRebarAreaC	BotRebarArea	BotRebarAreaC	IS
140_80	A615Gr60	A615Gr60	0.06	0.06	0.	0.	0.	0.	0.
180_40	A615Gr60	A615Gr60	0.06	0.06	0.	0.	0.	0.	0.
240_100	A615Gr60	A615Gr60	0.06	0.06	0.	0.	0.	0.	0.
53_40	A615Gr60	A615Gr60	0.06	0.06	0.	0.	0.	0.	0.
53_50	A615Gr60	A615Gr60	0.06	0.06	0.	0.	0.	0.	0.

Table: Frame Section Properties 13 - Time Dependent

Table: Frame Section Properties 13 - Time Dependent				
SectionName	Type	AutoYield	AutoYield	UserYield
140_80	Auto	0.35842	1.	
180_40	User	0.	1.	0.1
240_100	Auto	0.70558	1.	
53_40	User	0.	1.	0.1
53_50	User	0.	1.	0.1

Table: Joint Spring Assignments 1 - Uncoupled

Table: Joint Spring Assignments 1 - Uncoupled									
Joint	CoordSys	IS	IS	IS	IS	IS	IS	IS	IS
2	Local	50000.	50000.	50000.	50000.	50000.	50000.	50000.	50000.
6	Local	50000.	50000.	50000.	50000.	50000.	50000.	50000.	50000.
7	Local	50000.	50000.	50000.	50000.	50000.	50000.	50000.	50000.
8	Local	50000.	50000.	50000.	50000.	50000.	50000.	50000.	50000.

Table: Joint Spring Assignments 1 - Uncoupled									
Joint	CoordSys	IS	IS	IS	IS	IS	IS	IS	IS
8	Local	50000.	50000.	50000.	50000.	50000.	50000.	50000.	50000.
10	Local	50000.	50000.	50000.	50000.	50000.	50000.	50000.	50000.
11	Local	50000.	50000.	50000.	50000.	50000.	50000.	50000.	50000.

Table: Load Pattern Definitions

Table: Load Pattern Definitions									
LoadPat	Dir	Type	RefDistA	RefDistB	RefDistC	RefDistD	RefDistE	RefDistF	RefDistG
DEAD	Dead	Line	1.						
LIVE	Live	Line	0.						

Table: Material Properties 01 - General, Part 1 of 2

Table: Material Properties 01 - General, Part 1 of 2									
Material	Type	Grade	UnitType	TempDepen	Color	IS	IS	IS	IS
4000Pal	Concrete	Grade 270	Isotropic	No	Blue				
A615Gr60	Tension		Uniaxial	No	Magenta				
A615Gr60	Rebar		Uniaxial	No	White				
A615Gr60	Steel		Isotropic	No	GrayDark				

Table: Material Properties 01 - General, Part 2 of 2

Material		Notes
4000Pal		Nonshrinkage fc = 4 ksi added 3/9/2020 2:40:40 PM
A615Gr270		ASTM A615 Grade 270 2/17/2022 C 3437.0
A615Gr60		ASTM A615 Grade 60 added 3/9/2020 2:43:50 PM
A615Gr60		ASTM A615 Grade 60 added 3/9/2020 2:40:40 PM

Table: Material Properties 02 - Basic Mechanical Properties

Table: Material Properties 02 - Basic Mechanical Properties									
Material	UnitWeight	UnitWeight	IS	IS	IS	IS	IS	IS	IS
4000Pal	2.3683E+01	2.4028E+00	2485657.28	1035460.75	0.2	9.8000E-06			
A615Gr270	7.8973E+01	7.8490E+00	19810689.9			1.1700E-05			
A615Gr60	7.8973E+01	7.8490E+00	19864787.8			1.1700E-05			
A615Gr60	7.8973E+01	7.8490E+00	1974078.8	7680365.77	0.3	1.1700E-05			

Table: Material Properties 03a - Steel Data, Part 1 of 2

Table: Material Properties 03a - Steel Data, Part 1 of 2									
Material	Py	Fu	1.0Py	SWP	SSCurveOpt	SSType	SPand	SSMax	
A992Fy50	344737.2	448156.28	379211.64	412675.18	Simple	Kinematic	0.015	0.11	

Table: Material Properties 03a - Steel Data, Part 2 of 2

Table: Material Properties 03a - Steel Data, Part 2 of 2		
Material	BRp	PLaType
A992Fy50	0.17	-0.1

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

Table: Material Properties 03b - Concrete Data, Part 1 of 2									
Material	Fc	αFc	LSRCone	CSCurveOpt	SSType	SP	SCap	FinalMoPa	
4000Pci	27579.03	27579.03	No	Monder	Takeda	0.002219	0.005	-0.1	

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

Table: Material Properties 03b - Concrete Data, Part 2 of 2		
Material	PAI (in)	DAngle
4000Pci	0.	0.

Table: Material Properties 03c - Rebar Data, Part 1 of 2

Table: Material Properties 03c - Rebar Data, Part 1 of 2									
Material	Fy	Fu	SWP	SSCurveOpt	SSType	SPand	SCap		
A615Gr60	413585.47	470628.21	455054.02	642611.03	Simple	Kinematic	0.01	0.09	

Table: Material Properties 03c - Rebar Data, Part 2 of 2

Table: Material Properties 03c - Rebar Data, Part 2 of 2		
Material	SPaType	UserTDef
A615Gr60	-0.1	No

Table: Material Properties 03f - Tendon Data

Table: Material Properties 03f - Tendon Data					
Material	Fy	Fu	SSCurveOpt	SSType	FinalMoPa
A416Gr270	188905.16	188184.53	270 ksi	Kinematic	-0.1

Table: Material Properties 06 - Damping Parameters

Table: Material Properties 06 - Damping Parameters					
Material	ModalRatio	Viscous	Viscous	HydMass	HydMass
4000Pci	0.	0.	0.	0.	0.
A416Gr270	0.	0.	0.	0.	0.
A615Gr60	0.	0.	0.	0.	0.
A992Fy50	0.	0.	0.	0.	0.

ΥΠΟΛΟΓΙΣΜΟΣ ΤΟΙΧΟΥ ΑΝΤΙΣΤΗΡΙΞΗΣ

ΩΠΛΙΣΜΕΝΟΥ ΣΚΥΡΟΔΕΜΑΤΟΣ

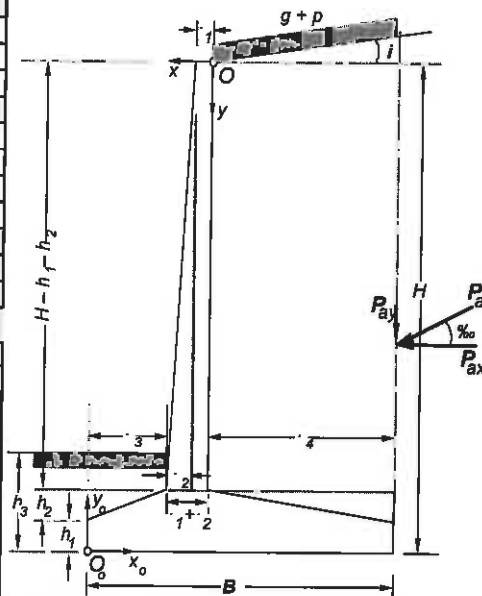
mkouimtzi@yahoo.gr (2310 226977-2310 856631)

ΓΕΩΜΕΤΡΙΚΑ ΣΤΟΙΧΕΙΑ ΤΟΙΧΟΥ

Ολικό ύψος τοίχου [m]	H =	3,00
Πάχος Στέψης [m]	a1 =	0,30
Προσαύξηση βάσης κορμού [m]	a2 =	0,10
Πλάτος Βάσης Κορμού [m]	a1+a2 =	0,40
Πλάτος "Δακτύλου" [m]	a3 =	0,60
Πλάτος "Πτέρνας" [m]	a4 =	1,30
Ύψος "Δακτ." και "Πτέρνας" [m]	h1 =	0,30
Ενίσχυση "Δακτ." και "Πτέρνας" [m]	h2 =	0,20
Ύψος πεδίου στον κορμό [m]	h1+h2 =	0,50
Ύψος κορμού [m]	H-(h1+h2) =	2,50
Ολικό πλάτος Βάσης [m]	B =	2,30

ΥΛΙΚΑ ΤΟΙΧΟΥ (Σκυρόδεμα-Χάλυβας)

Ποιότητα σκυροδ. ανωδομής (κορμού)	C =	30
Ποιότητα σκυροδ. θεμελίου (πέλματος)	C =	30
Ποιότητα χάλυβα	S =	500
Αντοχή σκυροδέματος ανωδομής ($\gamma_c=1$)	fcd =	20,000
Αντοχή σκυροδέματος θεμελίου ($\gamma_c=1.5$)	fcd =	20,000
Αντοχή χάλυβα ($\gamma_s=1.15$)	fyd =	434,783
Επικάλυψη οπλισμών κορμού [m]	d1 =	0,05
Επικάλυψη οπλισμών πέλματος [m]	d1 =	0,05
Μοναδιαίο Βάρος Τοίχου [kN / m3]	γ =	25,00
Μέτρο ελαστικότητας σκυροδ. [Mpa]	E =	32,000



ΦΟΡΤΙΑ ΤΟΙΧΟΥ ΣΤΗ ΣΤΕΨΗ

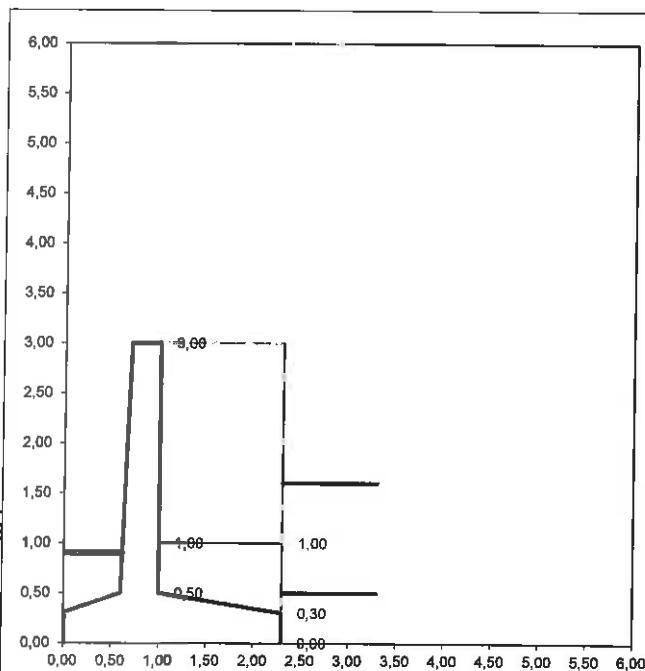
Κατακόρυφο μόνιμο φορτίο [kN / m]	Ng =	0,00
Κατακόρυφο κινητό φορτίο [kN / m]	Nq =	0,00
Εκκεντρότητα κατακόρυφου φορτίου [m]	eN =	0,00

ΕΞΩΤΕΡΙΚΗ ΦΟΡΤΙΣΗ (Για την ενεργητική ώθηση)

Γωνία Επιφάνειας Εδάφους ως προς την ορ	i =	0,00
Ομοιόμ. μόνιμο εξωτ. φορτίο στην κορυφή	g =	3,00
Ομοιόμ. κινητό φορτίο στην κορυφή [kN / m]	p =	33,33
Ολικό εξωτερικό φορτίο [kN / m2]	q =	36,33

ΠΡΟΕΛΕΓΧΟΣ ΔΙΑΤΟΜΗΣ

ΑΝΤΟΧΗ ΤΟΙΧΟΥ ΚΑΛΗ



Εδαφος Παθ. Ωθης

γ =	18,00
γ_k =	25,00
ϕ =	40,00
β =	0,00
δ =	0,00
c =	0,000

Εδαφ. Ενεργ. Ωθ/σης

1η Στρώση

hs1 =	2,00
γ =	18,00
γ_k =	23,00
γ_w =	10,00
ϕ =	38,00
c =	0,000
β =	0,000
δ =	0,000

Εδαφ. Ενεργ. Ωθ/σης

2η Στρώση

hs2 =	1,00
γ =	16,00
γ_k =	23,00
γ_w =	10,00
ϕ =	28,00
c =	0,000
δ =	0,000

ΠΑΡΑΔΟΧΕΣ (ΕΔΑΦΟΥΣ - ΣΥΝΤΕΛΕΣΤΩΝ)					
ΠΑΡΑΜΕΤΡΟΙ ΕΔΑΦΟΥΣ ΕΠΙΧΩΣΗΣ (Για ενεργ. Ωθ.)			ΠΑΡΑΜΕΤΡΟΙ ΕΔΑΦΟΥΣ (Για την παθητική ωθηση)		
Ύψος 1ης στρώσης εδάφους επίχωσης	hs1 =	2,00	Ύψος επίχωσης δακτύλου	Hs =	0,90
Ειδικό βάρος ξηρού εδάφους [kN / m ³]	γ =	18,00	Γωνία Επιφ. Εδάφους ως προς την οριζ.	ip =	0,00
Ειδικό βάρος κορεσμένου εδάφους [kN / m ³]	γκ =	23,00	Ειδικό βάρος ξηρού εδάφους [kN / m ³]	γ =	18,00
Ειδικό βάρος νερού [kN / m ³]	γw =	10,00	Ειδικό βάρος κορεσμ. εδάφους [kN / m ³]	γκ =	25,00
Γωνία Εσωτερικής Τριβής [°]	φ =	38,00	Γωνία Εσωτερικής Τριβής [°]	φ =	40,00
Συντελεστής συνεκτικότητας εδάφους [N / mm ²]	c =	0,000	Συντελεστής συνεκτ. εδάφους [N / mm ²]	c =	0,000
Γωνία παρειάς τοίχου ως προς την κατακ.	β =	0,000	Γωνία παρειάς τοίχου προς την κατακ.	β =	0,00
Γωνία τριβής μεταξύ τοίχου και επίχωσης	δ =	0,000	Γωνία τριβής μεταξύ τοίχου και εδάφους	δ =	0,00
Ύψος 2ης στρώσης εδάφους επίχωσης	hs2 =	1,00	ΙΔΙΟΤΗΤΕΣ ΕΔΑΦΟΥΣ ΘΕΜΕΛΙΩΣΗΣ-ΣΥΝΤΕΛΕΣΤΕΣ		
Ειδικό βάρος ξηρού εδάφους [kN / m ³]	γ =	18,00	Θλιπτική αντοχή εδάφους στη βάση [N]	qu =	0,200
Ειδικό βάρος κορεσμένου εδάφους [kN / m ³]	γκ =	23,00	Γωνία τριβής εδάφους στη βάση	φ =	30,00
Ειδικό βάρος νερού [kN / m ³]	γw =	10,00	Συντελεστής τριβής στη βάση	tan (φ) =	0,577
Γωνία Εσωτερικής Τριβής [°]	φ =	28,00	Συντελεστής συνεκτικότητας στη βάση	c =	0,010
Συντελεστής συνεκτ. εδάφους [N / mm ²]	c =	0,000	Συντελεστής ασφάλειας σε ανατροπή	SF =	1,50
Γωνία τριβής μεταξύ τοίχου και επίχωσης	δ =	0,000	Συντελεστής ασφάλειας σε ολίσθηση	SF =	1,50
ΣΕΙΣΜΙΚΟΙ ΣΥΝΤΕΛΕΣΤΕΣ			ΕΠΙΜΕΡΟΥΣ ΣΥΝΤΕΛΕΣΤΕΣ		
Ανηγμένη σεισμική επιτάχυνση Εδάφους	α =	0,16	Δράση Μόνιμη Δυσμενής	γGdst =	1,35
Μειωτικός συντελ. συμπεριφοράς Εδάφους	gw =	1,50	Δράση Μόνιμη Ευνοϊκή	γGdsb =	1,00
Οριζόντιος σεισμ. Συντ. Εδάφους - Τοίχου	ah =	0,107	Δράση Μεταβλητή Δυσμενής	γQdsb =	1,50
Κατακόρυφος σεισμ. συντελεστής Εδάφους	av =	0,053	Δράση Μεταβλητή Ευνοϊκή	γQdst =	1,00
Γωνία θ = arc tan (ah / (1- av)) [°]	θ =	6,429	Γωνία διατμητικής αντοχής	γφ =	1,00
ΑΠΑΓΓΗΣΕΙΣ ΚΑΙ ΣΥΝΤΕΛΕΣΤΕΣ ΕΑΚ (Παράγρ. 5)			Συνοχή c	γc =	1,00
Συντ. Ασφάλ. σε ανατροπή με σεισμό (5)	SF =	1,00	Διατμητική αντοχή cu	γcu =	1,00
Συντ. Ασφάλ. σε ολίσθηση με σεισμό (5)	SF =	1,00	Θλιπτική αντοχή	γqu =	1,00
Ενεργή επιφ. πεδίου / επιφ. Πεδίου (5)	σεπ =	0,50	Βάρος	γw =	1,00

ΙΔΙΑ ΒΑΡΗ ΤΟΙΧΟΥ - ΕΠΙΧΩΣΗΣ ΤΟΙΧΟΥ

Εμβαδό διατομής τοίχου [m ²]	A =	1,835
Ίδιο βάρος τοίχου ανά μέτρο	W =	45,88
Κέντρο βάρους τοίχου	x = 0,025	y = 2,082
	xo = 0,975	yo = 0,918
Ίδιο βάρος επίχωσης ανά μέτρο	Ws =	59,28
Κέντρο βάρους επίχωσης	x = -0,658	y = 1,301
	xo = 1,658	yo = 1,699
Μόνιμο φορτίο επίχωσης	Wsp =	3,90
	x = -0,850	y = 0,000
	xo = 1,650	yo = 3,000

Σεισμικές δυνάμεις (εκτός δυνάμεων λόγω ώθησης γαιών)

Οριζόντια δύναμη σεισμού λόγω ιδίου βάρους	Fwx =	4,893
Κατακόρυφη δύναμη σεισμού λόγω ιδίου βάρους	Fwy =	2,447
Οριζόντια δύναμη σεισμού φορτίου στην κορυφή Ng	Fgx =	0,000
Κατακόρυφη δύναμη σεισμού φορτίου στην κορυφή Ng	Fgy =	0,000
Οριζόντια δύναμη σεισμού φορτίου στην κορυφή Nq	Fqx =	0,000
Κατακόρυφη δύναμη σεισμού φορτίου στην κορυφή Nq	Fqy =	0,000
Οριζόντια δύναμη σεισμού επίχωσης	Fwsx =	6,323
Κατακόρυφη δύναμη σεισμού επίχωσης	Fwsy =	3,162

1. ΥΠΟΛΟΓΙΣΜΟΣ ΕΝΕΡΓΗΤΙΚΗΣ ΩΘΗΣΗΣ ΓΑΙΩΝ

Τμήμα τοίχου (1η στρώση εδάφους επίχωσης)					
Από	γ = 0,000	έως	γ = 2,000	hs1 =	2,000
Ειδικό βάρος ξηρού εδάφους [kN / m3]				γ =	18,000
Ειδικό βάρος κορεσμένου εδάφους [kN / m3]				γκ =	23,000
Γωνία Εσωτερικής Τριβής [°]				φ =	38,000
Συντελεστής συνεκτικότητας εδάφους [N / mm2]				c =	0,000
Γωνία τριβής μεταξύ τοίχου και επίχωσης [°]				δ =	0,000
Φορτία επί του εδάφους στην κορυφή					
Ομοιόμ. μόνιμο εξωτ. φορτίο στην κορυφή [kN / m2]				g =	3,000
Ομοιόμ. κινητό φορτίο στην κορυφή [kN / m2]				p =	33,333
Ωθηση σύμφωνα με θεωρία Coulomb					

Γωνία επιπέδου ολίσθησης ($\rho=45^\circ+\phi/2$)	$\rho = 64,000$
Συντελεστής ενεργητικής ώθησης	$Ka = 0,238$

Μόνιμες δράσεις		ΔΙΑΓΡ. ΕΝΕΡΓ. ΠΙΕΣΕΩΝ 1ης ΣΤΡΩΣΗΣ	
Ωθηση (πίεση) στην κορυφή ($q(y)=qA+g \text{ y } Ka$)	$qA = 0,714$		
Ωθηση (πίεση) στη βάση ($qy=qA+y \text{ y } Ka$)	$qB = 9,277$		
Ωθηση (δύναμη) γαιών ($Pa=(qA+qB)H/2$)	$Pa = 9,991$		
Γωνία της Pa προς την οριζόντια	$\alpha = 0,000$		
Ωθηση (δύναμη) γαιών κατά x	$Pax = 9,991$		
Ωθηση (δύναμη) γαιών κατά y	$Pay = 0,000$		
Ροπή ώθησης γαιών ως προς σημείο ($x=0, y=0$)	$M = -12,846$		
Σημείο εφαρμογής ώθησης γαιών	$x = -1,300$ $y = 1,286$		
	$xo = 2,300$ $yo = 1,714$		

Μεταβλητές δράσεις		ΔΙΑΓΡ. ΕΝΕΡΓ. ΠΙΕΣΕΩΝ 2ης ΣΤΡΩΣΗΣ	
Ωθηση (πίεση) στην κορυφή ($q(y)=qA+g \text{ y } Ka$)	$qA = 7,929$		
Ωθηση (πίεση) στη βάση ($qy=qA+y \text{ y } Ka$)	$qB = 7,929$		
Ωθηση (δύναμη) γαιών ($Pa=(qA+qB)H/2$)	$Pa = 15,859$		
Γωνία της Pa προς την οριζόντια	$\alpha = 0,000$		
Ωθηση (δύναμη) γαιών κατά x	$Pax = 15,859$		
Ωθηση (δύναμη) γαιών κατά y	$Pay = 0,000$		
Ροπή ώθησης γαιών ως προς σημείο ($x=0, y=0$)	$M = -15,859$		
Σημείο εφαρμογής ώθησης γαιών	$x = -1,300$ $y = 1,000$		
	$xo = 2,300$ $yo = 2,000$		

Σύνολα δράσεων

Μόνιμες Δράσεις		x = -1,300	y = 2,000	ΣΥΝΟΛΙΚΟ ΔΙΑΓΡΑΜΜΑ ΕΝΕΡΓ. ΠΙΕΣΕΩΝ
Συνολική οριζόντια ώθηση γαιών		Fsx =	9,991	
Συνολική κατακόρυφη ώθηση γαιών		Fsy =	0,000	
Συνολική ροπή ώθησης		Ms =	7,136	
Μεταβλητές Δράσεις				
Συνολική οριζόντια ώθηση γαιών		Fsx =	15,859	
Συνολική κατακόρυφη ώθηση γαιών		Fsy =	0,000	
Συνολική ροπή ώθησης γαιών		Ms =	15,859	
Υδροστατικές δυνάμεις				
Συνολική οριζόντια υδροστατική δύναμη		Fwx =	0,000	
Συνολική κατακόρυφη υδροστατική δύναμη		Fwy =	0,000	
Συνολική ροπή υδροστατικής δύναμης		Mw =	0,000	

The diagram shows the combined active pressure distribution. The vertical axis represents pressure in kN/m², ranging from 0.00 to 3.50. The horizontal axis represents depth in meters, ranging from 0.00 to 30.00. The pressure distribution is a straight line starting at 3.000 kN/m² at the surface (0.00 m) and decreasing linearly to 0.00 kN/m² at a depth of 19.857 m. The resultant force is indicated by a horizontal line segment at a depth of 9.277 m from the surface.

Depth (m)	Pressure (kN/m²)
0.00	3.000
9.277	1.000
19.857	0.000

Σεισμικές δυνάμεις κατά Mononobe-Okabe

Συντελεστής ενεργού ώθησης (Mononobe-Okabe)	$Ke = 0,298$
Πρόσθετη ώθηση γαιών λόγω σεισμού $\xi=(Ke/Ka-1)$	$\xi = 0,254$

Μόνιμες Δράσεις

Πρόσθετη δύναμη ώθησης γαιών λόγω σεισμού	$Fx = 2,542$
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Μεταβλητές Δράσεις

Πρόσθετη δύναμη ώθησης γαιών λόγω σεισμού	$Fx = 4,035$
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Τμήμα τοίχου (2η στρώση εδάφους επίχωσης)

Από $y = 2,000$ έως $y = 3,000$	$hs2 = 1,000$
Ειδικό βάρος ξηρού εδάφους $[kN / m^3]$	$\gamma = 16,000$
Ειδικό βάρος κορεσμένου εδάφους $[kN / m^3]$	$\gamma_k = 23,000$
Γωνία Εσωτερικής Τριβής $[^\circ]$	$\phi = 28,000$
Συντελεστής συνεκτικότητας εδάφους $[N / mm^2]$	$c = 0,000$
Γωνία τριβής μεταξύ τοίχου και επίχωσης $[^\circ]$	$\delta = 0,000$

Φορτία επί του εδάφους στην κορυφή

Ομοιόμ. μόνιμο εξωτ. φορτίο στην κορυφή $[kN / m^2]$	$g = 39,000$
Ομοιόμ. κινητό φορτίο στην κορυφή $[kN / m^2]$	$p = 33,333$

Ωθηση σύμφωνα με θεωρία Coulomb

Γωνία επιπέδου ολίσθησης ($\rho=45^\circ+\phi/2$)	$\rho = 59,000$
Συντελεστής ενεργητικής ώθησης	$Ka = 0,361$

Μόνιμες δράσεις

Ωθηση (πίεση) στην κορυφή ($q(y)=qA+g \text{ y } Ka$)	$qA = 14,080$
Ωθηση (πίεση) στη βάση ($qy=qA+y \text{ y } Ka$)	$qB = 19,857$

Ωθηση (δύναμη) γαιών	$(Pa=(qA+qB)H/2)$	$Pa = 16,969$
Γωνία της Pa προς την οριζόντια		$\alpha = 0,000$
Ωθηση (δύναμη) γαιών κατά x		$Pax = 16,969$
Ωθηση (δύναμη) γαιών κατά y		$Pay = 0,000$
Ροπή ώθησης γαιών ως προς σημείο $(x=0, y=0)$		$M = -42,903$
Σημείο εφαρμογής ώθησης γαιών	$x = -1,300$	$y = 2,528$
	$x_0 = 2,300$	$y_0 = 0,472$

Μεταβλητές Δράσεις

Παράμετροι Στοιχείων		
Ωθηση (πίεση) στην κορυφή (q(y)=qA+g y Ka)	qA =	12,034
Ωθηση (πίεση) στη βάση (qy=qA+y y Ka)	qB =	12,034
Ωθηση (δύναμη) γαιών (Pa=(qA+qB)H/2)	Pa =	12,034
Γωνία της Pa προς την οριζόντια	α =	0,000
Ωθηση (δύναμη) γαιών κατά x	Pax =	12,034
Ωθηση (δύναμη) γαιών κατά y	Pay =	0,000
Ροπή ώθησης γαιών ως προς σημείο (x=0, y=0)	M =	-30,086
Σημείο εφαρμογής ώθησης γαιών	x =	-1,300
	yo =	2,300
	y =	2,500
	vo =	0,500

Σύνολα δράσεων

Μόνιμες Δράσεις	x = -1,300	y = 3,000
Συνολική οριζόντια ώθηση γαιών	Fsx = 26,960	
Συνολική κατακόρυφη ώθηση γαιών	Fsy = 0,000	
Συνολική ροπή ώθησης	Ms = 25,130	

Μεταβλητές Δράσεις

Συνολική οριζόντια ώθηση γαιών	$Fsx = 27,893$
Συνολική κατακόρυφη ώθηση γαιών	$Fsy = 0,000$
Συνολική ροπή ώθησης γαιών	$Ms = 37,735$

Υδροστατικές δυνάμεις

Συνολική οριζόντια υδροστατική δύναμη	$Fwx = 0,000$
Συνολική κατακόρυφη υδροστατική δύναμη	$Fwy = 0,000$
Συνολική ροπή υδροστατικής δύναμης	$Mw = 0,000$

Σεισμικές δυνάμεις κατά Monopobe-Okabe

Συντελεστής ενεργού ώθησης (Monopobe-Okabe)	$Ke = 0,436$
Πρόσθετη ώθηση γαιών λόγω σεισμού $\xi=(Ke/Ka-1)$	$\xi = 0,209$

Μόνιμες Δράσεις

Πρόσθετη δύναμη ώθησης γαιών λόγω σεισμού	$Fx = 3,539$
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Μεταβλητές Δράσεις

Πρόσθετη δύναμη ώθησης γαιών λόγω σεισμού	$Fx = 2,510$
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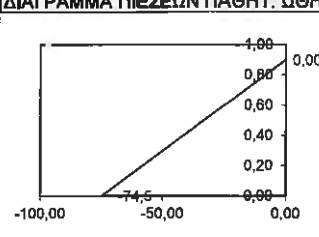
2. ΥΠΟΛΟΓΙΣΜΟΣ ΠΑΘΗΤΙΚΗΣ ΩΘΗΣΗΣ ΓΑΙΩΝ

Από	$y = 2,100$	έως	$y = 3,000$	$Hs = 0,900$
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Ωθηση σύμφωνα με θεωρία Coulomb

Γωνία επιπέδου αλίσθησης (ρ=45-φ/2)	ρ =	25,000
Συντελεστής παθητικής ώθησης	Kp =	4,599
Ωθηση (πίεση) στην κορυφή (q(y)=qA+g y Kp)	qA =	0,000
Ωθηση (πίεση) στην κορυφή (q(y)=qA+g y Kp)	qB =	-74,502
Ωθηση (δύναμη) γαιών (Pa=(qA+qB)H/2)	Pp =	-33,526
Γωνία της Pa με οριζόντια	α =	0,000
Ωθηση (δύναμη) γαιών κατά x	Ppx =	-33,526
Ωθηση (δύναμη) γαιών κατά y	Ppy =	0,000
Ροπή ώθησης γαιών ως προς σημείο (x=0, y=0)	M =	90,520
Σημείο εφαρμογής ώθησης γαιών	x =	1,000
	y =	2,700

ΔΙΑΓΡΑΜΜΑ ΠΙΕΣΕΩΝ ΠΑΘΗΤ. ΩΘΗΣΗΣ



ΣΥΝΟΛΑ ΔΥΝΑΜΕΩΝ ΚΑΙ ΡΟΠΩΝ

(Στο κάτω σημείο B)	$x = 1,000$	$y = 3,000$
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Μόνιμες Δράσεις

Συνολική οριζόντια ώθηση γαιών	$Fsx = -33,526$
Συνολική κατακόρυφη ώθηση γαιών	$Fsy = 0,000$
Συνολική ροπή ώθησης γαιών	$Ms = -10,058$

Μεταβλητές Δράσεις

Συνολική οριζόντια ώθηση γαιών	$Fsx = 0,000$
Συνολική κατακόρυφη ώθηση γαιών	$Fsy = 0,000$
Συνολική ροπή ώθησης	$Ms = 0,000$

Υδροστατικές δράσεις

Συνολική οριζόντια υδροστατική δύναμη	$F_{wx} =$	0,000
Συνολική κατακόρυφη υδροστατική δύναμη	$F_{wy} =$	0,000
Συνολική ροπή υδροστατικής δύναμης	$M_w =$	0,000

3. ΕΛΕΓΧΟΙ ΕΥΣΤΑΘΕΙΑΣ ΤΟΙΧΟΥ

Δυνάμεις (ενέργειας και αντίστασης) ασκούμενες στον τοίχο

Φορτίο		y1	y2	Δυν. Fx [kN / m]	Δυν. Fy [kN / m]	x [m]	y [m]
Ενεργητική ώθηση γαιών	Pa	0,000	2,000	9,991	0,000	-1,300	1,286
Κινητό φορτίο εδάφους	Pq	0,000	2,000	15,859	0,000	-1,300	1,000
Ενεργητική ώθηση γαιών	Pa	2,000	3,000	16,969	0,000	-1,300	2,528
Κινητό φορτίο εδάφους	Pq	2,000	3,000	12,034	0,000	-1,300	2,500
Παθητική ώθηση γαιών	Pp	2,500	3,000	-33,526	0,000	1,000	2,700
Βάρος τοίχου	W			0,000	45,875	0,025	2,082
Βάρος επίχωσης	Ws			0,000	59,280	-0,658	1,301
Μόνιμο φορτίο επίχωσης	Wsg			0,000	3,900	-0,650	0,000
Κινητό φορτίο επίχωσης	Wsv			0,000	43,333	-0,650	0,000
Κατακόρυφο φορτίο (μόνιμο)	Ng			0,000	0,000	0,000	0,000
Κατακόρυφο φορτίο (κινητό)	Ng			0,000	0,000	0,000	0,000

Έλεγχος φέρουσας ικανότητας εδάφους

3.1 Έλεγχος περίπτωσης με 1.00x (ίδιο βάρος + μόνιμο) + 0.00 x (κινητά κορυφής)

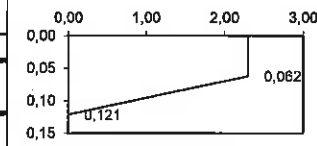
Τμήμα		y1	y2	Δυν. Fx [kN / m]	Δυν. Fy [kN / m]	xo [m]	yo [m]	M [kNm/m]
Ενεργητική ώθηση γαιών	Pa x 1.35	0,000	3,000	13,488	0,000	2,300	1,714	23,122
Κινητό φορτίο εδάφους	Pq x 1.50	0,000	3,000	23,788	0,000	2,300	2,000	47,577
Ενεργητική ώθηση γαιών	Pa x 1.35	2,000	3,000	22,908	0,000	2,300	0,472	10,804
Κινητό φορτίο εδάφους	Pq x 1.50	2,000	3,000	18,052	0,000	2,300	0,500	9,026
Βάρος τοίχου	W x 1.00			0,000	45,875	0,975	0,918	-44,717
Βάρος επίχωσης	Ws x 1.00			0,000	59,280	1,658	1,699	-98,306
Μόνιμο φορτίο επίχωσης	Wsgx1.00			0,000	3,900	1,650	3,000	-6,435
Κατακόρυφο φορτίο μόνιμο	Ng x 1.00			0,000	0,000	1,000	3,000	0,000
Σύνολο					109,055			-58,93
Σύνολο κατακόρυφων δυνάμεων	Vd =	109,055 kN/m			Τάσεις εδάφους			
Σύνολο ροπών ως προς μπροστά σημείο	Md =	-58,93 kNm/m						
Σύνολο ροπών ως προς μέσον βάσεως	Mdu =	66,48 kNm/m			<div><div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div><div></div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Έλεγχος φέρουσας ικανότητας : ΦΕΡΟΥΣΑ ΙΚΑΝΟΤΗΤΑ ΕΔΑΦΟΥΣ ΚΑΛΗ (αφού $R_d > V_d$)

3.2 Έλεγχος περίπτωσης με 1.35 x (ίδιο βάρος + μόνιμα φορτία) + 1.50 x (κινητά κορυφής)

Τμήμα		y1	y2	Δυν. Fx [kN / m]	Δυν. Fy [kN / m]	xo [m]	yo [m]	M [kNm/m]
Ενεργητική ώθηση γαιών	Pa x 1.35	0,000	2,000	13,488	0,000	2,300	1,714	23,122
Κινητό φορτίο εδάφους	Pq x 1.50	0,000	2,000	23,788	0,000	2,300	2,000	47,577
Ενεργητική ώθηση γαιών	Pa x 1.35	2,000	3,000	22,908	0,000	2,300	0,472	10,804
Κινητό φορτίο εδάφους	Pq x 1.50	2,000	3,000	18,052	0,000	2,300	0,500	9,026
Βάρος τοίχου	W x 1.35			0,000	61,931	0,975	0,918	-60,368
Βάρος επίχωσης	Ws x 1.35			0,000	80,028	1,658	1,699	-132,713
Μόνιμο φορτίο επίχωσης	Wsgx1.00			0,000	3,900	1,650	3,000	-6,435
Κινητό φορτίο επίχωσης	Wsqx1.50			0,000	65,000	1,650	3,000	-107,250
Κατακόρυφο φορτίο (μόνιμο)	Ng x 1.35			0,000	0,000	1,000	3,000	0,000
Κατακόρυφο φορτίο (κινητό)	Ng x 1.50			0,000	0,000	1,000	3,000	0,000
Σύνολο					210,859			-216,237
Σύνολο κατακόρυφων δυνάμεων	Vd =	210,859 kN/m		Τάσεις εδάφους				

Σύνολο ροπών ως προς μπροστά σημείο	Md = -218,24 kNm/m	
Σύνολο ροπών ως προς μέσον βάσεως	Mdm = 28,251 kNm/m	
Εκκεντρότητα	e = 0,124 < 0,383	
Τάση εδάφους μπροστά	$\sigma_1 = 0,121 \text{ N/mm}^2$	Bq
Τάση εδάφους πίσω	$\sigma_2 = 0,062 \text{ N/mm}^2$	
Ενεργό πλάτος θεμελίου (L=B - 2* e)	L = 2,051 m	
Φέρουσα ικανότητα θεμελίωσης (Rd=L*	Rd = 410,20 kN/m	



Έλεγχος φέρουσας ικανότητας : ΦΕΡΟΥΣΑ ΙΚΑΝΟΤΗΤΑ ΕΔΑΦΟΥΣ ΚΑΛΗ (αφού $R_d > V_d$)

3.3 Έλεγχος αστοχίας λόγω ανατροπής

Ανατροπή ως προς το μπροστά κάτω σ		x = 1,000	y = 3,000						
		xo = 0,000	yo = 0,000						
Τμήμα		y1	y2	Fx	Fy	xo	yo	Mo+	Mo-
				[kN / m]	[kN / m]	[m]	[m]	[kNm/m]	[kNm/m]
Ενεργητική ώθηση	Pa x 1.34	0,000	2,000	13,488	0,000	2,300	1,714	23,122	0,000
Κινητό φορτίο εδάφους	Pq x 1.50	0,000	2,000	23,788	0,000	2,300	2,000	47,577	0,000
Ενεργητική ώθηση	Pa x 1.34	2,000	3,000	22,908	0,000	2,300	0,472	10,804	0,000
Κινητό φορτίο εδάφους	Pq x 1.50	2,000	3,000	18,052	0,000	2,300	0,500	9,026	0,000
Βάρος τοίχου	W x 1.00			0,000	45,875	0,975	0,918	0,000	44,717
Βάρος επίχωσης	Ws x 1.00			0,000	59,280	1,658	1,699	0,000	98,306
Μόνιμο φορτίο επίχωσης	Wsp x 1.00			0,000	3,900	1,650	3,000	0,000	6,435
Κατακόρυφο φορτίο μόνιμο	Ng x 1.00			0,000	0,000	1,000	3,000	0,000	0,000
		Σύνολο						90,53	149,46
Σύνολο ροπών ανατροπής		Msd = 90,529 kNm/m							
Σύνολο ροπών ευατάθειας		Mrd = 149,458 kNm/m							
Έλεγχος σε ανατροπή :		ΕΛΕΓΧΟΣ ΣΕ ΑΝΑΤΡΟΠΗ ΕΝΤΑΞΕΙ! (αφού Msd < Mrd)							

Έλεγχος σε ανατροπή : ΕΛΕΓΧΟΣ ΣΕ ΑΝΑΤΡΟΠΗ ΕΝΤΑΞΕΙ (αφού $M_{sd} < M_{rd}$)

3.4 Έλεγχος αστοχίας λόγω ολίσθησης

Τμήμα		y1	y2	Fx +	Fx -	Fy
				[kN / m]	[kN / m]	[kN / m]
Ενεργητική ώθηση γαιών	Pa x 1.34	0,000	2,000	13,488	0,000	0,000
Κινητό φορτίο εδάφους	Pq x 1.50	0,000	2,000	23,788	0,000	0,000
Ενεργητική ώθηση γαιών	Pa x 1.34	2,000	3,000	22,908	0,000	0,000
Κινητό φορτίο εδάφους	Pq x 1.50	2,000	3,000	18,052	0,000	0,000
Παθητική ώθηση γαιών	Pp x 1.00	2,100	3,000	0,000	33,526	0,000
Βάρος τοίχου	W x 1.00			0,000	0,000	45,875
Βάρος επίχωσης	Ws x 1.00			0,000	0,000	59,280
Μόνιμο φορτίο επίχωσης	Wsp x 1.00			0,000	0,000	3,900
Κατακόρυφο φορτίο μόνιμο				0,000	0,000	0,000
Σύνολο				78,236	33,526	109,055
Τριβή εδάφους ($S_d = V_d \tan \phi / \gamma$)		Sd = 62,963 kN / m				
Συνεκτικότητα ($S_d = A \cdot c_u / \gamma$)		Sd = 23,000 kN / m				
Σύνολο δυνάμεων ολίσθησης		Hd = 78,236 kN / m				
Σύνολο δυνάμεων αντίστασης		Sd + Epd = 96,489 kN / m				

Έλεγχος σε ολίσθηση : ΕΛΕΓΧΟΣ ΣΕ ΟΛΙΣΘΗΣΗ ΕΝΤΑΞΕΙ (αφού $H_d < S_d + E_{pd}$)

4. ΑΝΤΙΣΕΙΣΜΙΚΟΣ ΕΛΕΓΧΟΣ

Έλεγχοι ευστάθειας τοίχου (με σεισμό)

Δυνάμεις (ενέργειας και αντίστασης) ασκούμενες στον τοίχο

Τμήμα		y1	y2	Fx	Fy	x	y
				[kN / m]	[kN / m]	[m]	[m]
Ενεργητική ώθηση γαιών	Pa x 1.00	0,000	2,000	9,991	0,000	-1,300	1,286
Κινητό φορτίο εδάφους	Pq x 1.00	0,000	2,000	15,859	0,000	-1,300	1,000
Ενεργητική ώθηση γαιών	Pa x 1.00	2,000	3,000	16,969	0,000	-1,300	2,528
Κινητό φορτίο εδάφους	Pq x 1.00	2,000	3,000	12,034	0,000	-1,300	2,500
Παθητική ώθηση γαιών	Pp x 0.5	2,100	3,000	-16,763	0,000	1,000	2,700
Βάρος τοίχου	W x 1.00			0,000	45,875	0,025	2,082
Βάρος επίχωσης	Ws x 1.00			0,000	59,280	-0,658	1,301
Μόνιμο φορτίο επίχωσης	Wsp x 1.00			0,000	3,900	-0,650	0,000
Κινητό φορτίο επίχωσης	Wsvx 1.00			0,000	43,333	-0,650	0,000
Κατακόρυφο φορτίο (μόνιμο)	Ng x 1.00			0,000	0,000	0,000	0,000
Κατακόρυφο φορτίο (κινητό)	Nq x 1.00			0,000	0,000	0,000	0,000

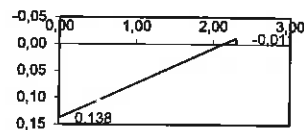
Πρόσθετες δυνάμεις λόγω σεισμού

Τμήμα		y1	y2	Fx	Fy	x	y
				[kN / m]	[kN / m]	[m]	[m]
Ενεργητική ώθηση γαιών	Pa x 1.00	0,000	2,000	2,542		-1,300	1,286
Κινητό φορτίο εδάφους	Pq x 1.00	0,000	2,000	4,035		-1,300	1,000
Ενεργητική ώθηση γαιών	Pa x 1.00	2,000	3,000	3,539		-1,300	2,528
Κινητό φορτίο εδάφους	Pq x 1.00	2,000	3,000	2,510		-1,300	2,500
Βάρος τοίχου	W x 1.00			4,893	-2,447	0,025	2,082
Βάρος επίχωσης	Ws x 1.00			6,323	-3,162	-0,658	1,301
Μόνιμο φορτίο επίχωσης	Wsp x 1.00			0,416	-0,208	-0,650	0,000
Κινητό φορτίο επίχωσης	Wsvx 1.00			4,622	-2,311	-0,650	0,000
Κατακόρυφο φορτίο (μόνιμο)	Ng x 1.00			0,000	0,000	0,000	0,000
Κατακόρυφο φορτίο (κινητό)	Nq x 1.00			0,000	0,000	0,000	0,000

4.1 Έλεγχος φέρουσας ικανότητας εδάφους (με σεισμό)

Τμήμα		y1	y2	Fx	Fy	xo	yo	M
				[kN / m]	[kN / m]	[m]	[m]	[kNm/m]
Ενεργητική ώθηση γαιών	Pa x 1.00	0,000	2,000	12,533	0,000	2,300	1,714	21,485
Κινητό φορτίο εδάφους	Pq x 1.00	0,000	2,000	19,894	0,000	2,300	2,000	39,787
Ενεργητική ώθηση γαιών	Pa x 1.00	2,000	3,000	20,507	0,000	2,300	0,472	9,672
Κινητό φορτίο εδάφους	Pq x 1.00	2,000	3,000	14,544	0,000	2,300	0,500	7,272
Βάρος τοίχου	W x 1.00			4,893	43,428	0,975	0,918	-37,840
Βάρος επίχωσης	Ws x 1.00			6,323	56,118	1,658	1,699	-82,318
Μόνιμο φορτίο επίχωσης	Wsp x 1.00			0,416	3,692	1,650	3,000	-4,844
Κινητό φορτίο επίχωσης	Wsvx 1.00			4,622	41,022	1,650	3,000	-53,820
Μόνιμο φορτίο επίχωσης	Ng x 1.00			0,000	0,000	1,000	3,000	0,000
Κινητό φορτίο επίχωσης	Nq x 1.00			0,000	0,000	1,000	3,000	0,000
Σύνολο					144,261			-100,606

Σύνολο κατακόρυφων δυνάμεων	Vd =	144,261 kN/m						
Σύνολο ροπών ως προς μπροστά σημείο	Md =	-100,606 kNm/m						
Σύνολο ροπών ως προς μέσον βάσεως	Mdm =	65,295 kNm/m						
Εκκεντρότητα	e =	0,453	>	0,383				
Τάση εδάφους μπροστά	σ1 =	0,138 N/mm2		Bq				
Τάση εδάφους πίσω	σ2 =	-0,011 N/mm3		2,092				
Ενεργό πλάτος πεδίου	L =	1,395 m						
Φέρουσα ικανότητα θεμελίωσης	Rd =	278,954 kN/m						



Έλεγχος φέρουσας ικανότητας Εδάφ. ΦΕΡΟΥΣΑ ΙΚΑΝΟΤΗΤΑ ΕΔΑΦΟΥΣ (ΜΕ ΣΕΙΣΜΟ) ΚΑΛΗ (αφού $R_d > V_d$)

4.2 Έλεγχος αστοχίας λόγω ανατροπής (με σεισμό)

Ανατροπή ως προς το μπροστά κάτω σ	x =	1,000	y =	3,000					
	xo =	0,000	yo =	0,000					
Τμήμα		y1	y2	Fx	Fy	xo	yo	Mo+	Mo-
				[kN / m]	[kN / m]	[m]	[m]	[kNm/m]	[kNm/m]
Ενεργητική ώθηση	Pa x 1.00	0,000	2,000	12,533	0,000	2,300	1,714	21,485	0,000
Κινητό φορτίο εδάφους	Pq x 1.00	0,000	2,000	19,894	0,000	2,300	2,000	39,787	0,000
Ενεργητική ώθηση	Pa x 1.00	2,000	3,000	20,507	0,000	2,300	0,472	9,672	0,000
Κινητό φορτίο εδάφους	Pq x 1.00	2,000	3,000	14,544	0,000	2,300	0,500	7,272	0,000
Βάρος τοίχου	W x 1.00			4,893	43,428	0,975	0,918	6,876	*44,72
Βάρος επίχωσης	Ws x 1.00			6,323	56,118	1,658	1,699	15,988	*98,31
Μόνιμο φορτίο επίχ.	Wsp x 1.00			0,416	3,692	1,650	3,000	1,591	*6,44
Κινητό φορτίο επίχωσης	Wsvx 1.00			4,622	41,022	1,650	3,000	17,680	*71,50
Κατακόρυφο φορτίο (μόνιμο)	Ng x 1.00			0,000	0,000	1,000	3,000	0,000	*0,00
Κατακόρυφο φορτίο (κινητό)	Nq x 1.00			0,000	0,000	1,000	3,000	0,000	*0,00
Σύνολο								120,352	220,958

(*) Οι ροπές αρνητικών κατακόρυφων φορτίων λόγω σεισμού προστίθενται στις ροπές ανατροπής

Έλεγχος αστοχίας λόγω ανατροπής

(Ως προς το μπροστά κάτω σημείο)	x =	1,000	y =	3,000		
	xo =	0,000	yo =	0,000		
Σύνολο ροπών ανατροπής	Msd =	120,352				
Σύνολο ροπών ευστάθειας	Mrd =	220,958				

Έλεγχος σε ανατροπή με σεισμό : ΕΛΕΓΧΟΣ ΣΕ ΑΝΑΤΡΟΠΗ (ΜΕ ΣΕΙΣΜΟ) ΕΝΤΑΞΕΙ (αφού $M_{sd} < M_{rd}$)

4.3 Έλεγχος αστοχίας λόγω ολίσθησης (με σεισμό)

Τμήμα	y1	y2	Fx +	Fx -	Fy
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Έλεγχος αστοχίας λόγω ολίσθησης	
Τριβή εδάφους $S_d = V_d \tan \phi / \gamma$	$S_d = 83,289 \text{ kN/ m}$
Σύνολο δυνάμεων ολίσθησης	$H_d = 83,733 \text{ kN/ m}$
Σύνολο δυνάμεων αντίστασης	$S_d + E_{pd} = 100,052 \text{ kN/ m}$
Έλεγχος σε ολίσθηση με σεισμό : ΕΛΕΓΧΟΣ ΣΕ ΟΛΙΣΘΗΣΗ (ΜΕ ΣΕΙΣΜΟ) ΕΝΤΑΞΕΙ (αφού $H_d < S_d + E_{pd}$)	

[illegible]

5.1.2 Έλεγχος κορμού τοίχου σε κάμψη χωρίς σεισμό (ΕΚΩΣ 2000)

(Ελάχιστος κατακόρυφος σπλίσμός : $0.004 \times A_c$, μέγιστος $0.040 A_c$)

5.2 Έλεγχος επάρκειας διατομών με σεισμό

5.2.1 Φόρτιση 1.00 x (μόνιμα δυσμενή) + 1.00 x (μόνιμα ευμενή) + 0.30 x (κινητά δυσμενή) + 1.00 x (σεισμός)

9

[illegible]

Απαιτούμενος οπλισμός εσωτερικής παρειάς	8,00	cm2/m	Τοποθετούνται	Φ 12/12.5	(9.05)	cm2
Απαιτούμενος οπλισμός εξωτερικής παρειάς	8,00	cm2/m	Τοποθετούνται	Φ 12/12.5	(9.05)	cm2
Οπλισμός Διανομής εσωτερικής παρειάς			Τοποθετούνται	Φ 8/25	(4.00)	cm2
Οπλισμός Διανομής εξωτερικής παρειάς			Τοποθετούνται	Φ 8/25	(4.00)	cm2

Η κατανομή του φορτίου ώθησης είναι γραμμική, άρα η μεταβολή της διατμητικής δύναμης είναι παραβολική. Η μεταβολή της διατμητικής του κορμού είναι γραμμική, άρα η δυσμενέστερη θέση για τον έλεγχο διατμησης είναι στο κάτω μέρος του κορμού (βάση κορμού).

Vsd =	56,781 kN/m
Vsd (+σεισμό)	37,126 kN/m
Nsd	21,875 kN/m
Vrd1 = $\tau \cdot r_d \cdot k \cdot (1.2 \cdot 40 \rho_1) + 0.15 \cdot a_{cp} \cdot b_w \cdot d$	
$\tau \cdot r_d =$	0,30 N/mm ²
k =	1,00
$\rho_1 = A_{s1} / (b_w \cdot d)$	0,00216
$a_{cp} = N_{sd} / A_c$	0,05469 N/mm ²
Vrd1 =	145,835 kN/m

Έλεγχος κορμού σε διάτμηση : ΕΛΕΓΧΟΣ ΚΟΡΜΟΥ ΣΕ ΔΙΑΤΜΗΣΗ ΕΝΤΑΞΕΙ (αφού $V_{sd} < V_{rd1}$)

6.1 Έλεγχος δακτύλου (μπροστά τμήμα) χωρίς σείσ		x = 1,000	έως	x = 0,400
Σύνολο κατακόρυφων δυνάμεων	$\Sigma V_i = 210,859 \text{ kN/m}$	<div style="text-align: center;">ΔΙΑΓΡΑΜΜΑ ΤΑΣΕΩΝ ΔΑΚΤΥΛΟΥ (χωρίς σεισμό)</div>		
Σύνολο ροπών ως προς μέσον βάσεως	$\Sigma M_i = 26,251 \text{ kNm/m}$			
Ακραία τάση εδάφους	$\sigma_1 = 0,121 \text{ N/mm}^2$			
Εσωτερική τάση εδάφους	$\sigma_2 = 0,106 \text{ N/mm}^2$			
Μήκος δακτύλου	$w = 0,600 \text{ m}$			
Πίεση άνω από επίχωση και ίδιο βάρος	$\sigma_3 = 0,019 \text{ N/mm}^2$			
Ροπή κάμψης	$M = 17,509 \text{ kNm/m}$			
Κατακόρυφη δύναμη	$V = 56,811 \text{ kN/m}$			
Απόσταση που αναπτύσσεται η Vsd	$h = 0,450 \text{ m}$			
Τιμή της Vsd στο σημείο h (h=d1)	$V_{sd} = 15,077 \text{ kN/m}$			
Τελική ροπή ελέγχου	$M_{sd} = 17,509 \text{ kNm/m}$			

6.2 Έλεγχος πτέρνας (πίσω τμήμα) χωρίς σεισμό		x = -1,300	έως	x = 0,000
Σύνολο κατακόρυφων δυνάμεων	$\Sigma V_i =$	210,859 kN/m	ΔΙΑΓΡΑΜΜΑ ΤΑΣΕΩΝ ΠΤΕΡΝΑΣ (χωρίς σεισμό)	
Σύνολο ροπών ως προς μέσον βάσεως	$\Sigma M_i =$	26,251 kNm/m		
Ακραία τάση εδάφους	$\sigma_1 =$	0,096 N/mm ²		
Εσωτερική τάση εδάφους	$\sigma_2 =$	0,062 N/mm ²		
Μήκος δακτύλου	w =	1,300 m		
Πίεση άνω από επίκλιση και ίδιο βάρος	$\sigma_3 =$	0,057 N/mm ²		
Ροπή κάμψης	M =	13,793 kNm/m		
Κατακόρυφη δύναμη	V =	28,512 kN/m		
Απόσταση που αναπτύσσεται η Vsd	h =	0,450 m		
Τιμή της Vsd στο σημείο h (h=d1)	Vsd =	13,691 kN/m		
Τελική ροπή ελέγχου	Msd =	13,793 kNm/m		

6.3 Έλεγχος δακτύλου (μπροστά τμήμα) με σεισμό		x = 1,000	έως	x = 0,400
Σύνολο κατακόρυφων δυνάμεων	$\Sigma V_i =$	144,261 kN/m	ΔΙΑΓΡΑΜΜΑ ΤΑΣΕΩΝ ΔΑΚΤΥΛΟΥ (με σεισμό)	
Σύνολο ροπών ως προς μέσον βάσεως	$\Sigma M_i =$	65,295 kNm/m		
Ακραία τάση εδάφους	$\sigma_1 =$	0,138 N/mm ²		
Εσωτερική τάση εδάφους	$\sigma_2 =$	0,098 N/mm ²		
Μήκος δακτύλου	w =	0,600 m		
Πίεση άνω από επίκλιση και ίδιο βάρος	$\sigma_3 =$	0,019 N/mm ²		
Ροπή κάμψης	Msd =	19,030 kNm/m		
Κατακόρυφη δύναμη	V =	59,479 kN/m		
Απόσταση που αναπτύσσεται η Vsd	h =	0,450 m		
Τιμή της Vsd στο σημείο h (h=d1)	Vsd =	17,094 kN/m		
Τελική ροπή ελέγχου	Msd =	19,030 kNm/m		

6.4 Έλεγχος πτέρνας (πίσω τμήμα) με σεισμό		x = 1,000	έως	x = 0,400
Σύνολο κατακόρυφων δυνάμεων	$\Sigma V_i =$	144,261 kN/m	ΔΙΑΓΡΑΜΜΑ ΤΑΣΕΩΝ ΠΤΕΡΝΑΣ (με σεισμό)	
Σύνολο ροπών ως προς μέσον βάσεως	$\Sigma M_i =$	65,295 kNm/m		
Ακραία τάση εδάφους	$\sigma_1 =$	0,072 N/mm ²		
Εσωτερική τάση εδάφους	$\sigma_2 =$	-0,011 N/mm ²		
Μήκος δακτύλου	w =	1,300 m		
Πίεση άνω από επίκλιση και ίδιο βάρος	$\sigma_3 =$	0,057 N/mm ²		
Ροπή κάμψης	M =	-34,105 kNm/m		
Κατακόρυφη δύναμη	V =	-34,415 kN/m		
Απόσταση που αναπτύσσεται η Vsd	h =	0,450 m		
Τιμή της Vsd στο σημείο h (h=d1)	Vsd =	-34,760 kN/m		
Τελική ροπή ελέγχου	Msd =	-34,105 kNm/m		

6.5 Έλεγχος πεδίου έναντι κάμψης (με σεισμό)					
Περιοχή Ελέγχου	Msd [kN / m]	d [m]	μsds	$\omega 1$	A s [cm ² / m]
Έλεγχος δακτύλου (κάτω παρειά)	19,030	0,400	0,006	0,0060	1,11
Έλεγχος πτέρνας (κάτω παρειά)	13,793	0,400	0,004	0,0044	0,80
Έλεγχος πτέρνας (πάνω παρειά)	-34,105	0,400	-0,011	0,0108	1,98
Ελάχιστος οπλισμός (As=0.0015 b d)					6,00

6.6 Οπλισμός Πέλματος

Απαιτούμενος οπλισμός κάτω παρειάς πεδίου	6,00 cm ² /m	Τοποθετούνται	Φ 12/16 (7.07) cm ²
Απαιτούμενος οπλισμός άνω παρειάς πεδίου	6,00 cm ² /m	Τοποθετούνται	Φ 12/16 (7.07) cm ²
Εγκάρσιος οπλισμός Διανομής	3,00 cm ² /m	Τοποθετούνται	Φ 10/25 (3.10) cm ²

6.6 Έλεγχος πεδίου σε διάτμηση - διάτρηση

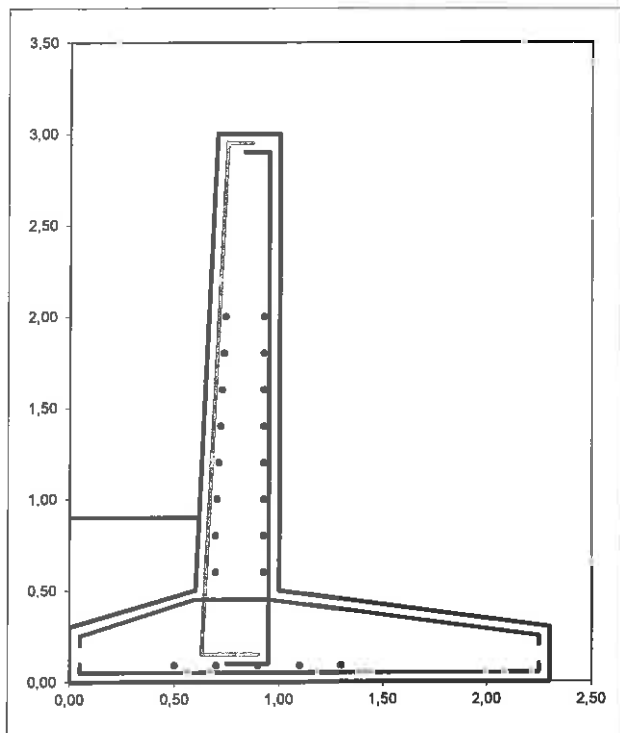
Vsd =	17,094 kN/m
Vrd1 = [$\tau_{rd} \cdot k \cdot (1.2 + 40 \rho_1) + 0.15 \sigma_{cp}] \cdot b \cdot w \cdot d$	
$\tau_{rd} =$	0,30 N/mm ²
k =	1,00
$\rho_1 = A_{s1} / (b \cdot w \cdot d)$	0,00
Vrd1 =	145,326 kN/m

Έλεγχος πεδίου σε διάτμηση : ΕΛΕΓΧΟΣ ΣΕ ΔΙΑΤΜΗΣΗ & ΔΙΑΤΡΗΣΗ ΕΝΤΑΞΕΙ (αφού Vsd < Vrd1)

7 ΠΡΟΜΕΤΡΗΣΗ ΣΚΥΡΟΔΕΜΑΤΟΣ

Σκυρόδεμα ανά μέτρο μήκους του τοίχου	1,835 m ³ / m
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ΤΟΠΟΘΕΤΗΣΗ ΟΠΛΙΣΜΟΥ ΣΤΟΝ ΤΟΙΧΟ ΑΝΤΙΣΤΗΡΙΞΗ & ΑΝΑΠΤΥΓΜΑΤΑ ΟΠΛΙΣΜΟΥ



Οπλισμός Εξωτερικής παρειάς
Φ 12/12.5

Οπλισμός εσωτερικής παρειάς
Φ 12/12.5

Οπλισμός άνω παρειάς πεδίου
Φ 12/16

Οπλισμός κάτω παρειάς πεδίου
Φ 12/16

Οπλισμ. Διανομής κορμού
Φ 8/25

Δευτερέων εγκάρσιος οπλισμός
Φ 10/25

Ο ΣΥΝΤΑΞΑΣ