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REMARKS

STRUCTURAL CALCULATIONS

for

18 x 10 BOX CULVERT

Old Cross Cut Canal

Drainage Improvements

Indian School Road to McDowell Road

FCD Contract No. 94-24

November, 1994

Registered Professional Engineer (Civil)
CERTIFICATE NO.
10217
WILLIAM STEPHEN
KANTOR, JR.
Date Signed 11/3/94
ARIZONA, U.S.A.

ENTRANCO

A103.810

SPAN "S"	HEIGHT "H"	QUANTITIES CONCRETE CY/LF	QUANTITIES REINF STEEL LBS/LF	TOP SLAB "T"	BOT SLAB "T2"	aa BAR SIZE	aa SPACING	aa LENGTH	bb BAR SIZE	bb SPACING	bb LENGTH	cc NUMBER *
18'	10'	4.82	800	1'-3"	1'-4"	5	12"	12'-2"	5	12"	15'-2"	42

dd1 TOP BAR SIZE	dd1 TOP SPACING	dd1 TOP LENGTH	dd1 TOP A	dd1 TOP B	dd1 TOP C	ee1 TOP BAR SIZE	ee1 TOP SPACING	ee1 TOP LENGTH	ff1 BAR SIZE	ff1 SPACING	ff1 LENGTH	gg NUMBER **
8	12"	39'-4"	13'-9"	9'-0"	1'-0"	5	12"	38'-6"	8	12"	38'-6"	112

hh1 BAR SIZE	hh1 SPACING	hh1 LENGTH	hh1 D1
5	6"	16'-6"	11'-0"

dd2 BOT BAR SIZE	dd2 BOT SPACING	dd2 BOT LENGTH	dd2 BOT A	dd2 BOT B	dd2 BOT C	ee2 BOT BAR SIZE	ee2 BOT SPACING	ee2 BOT LENGTH	ff2 BAR SIZE	ff2 SPACING	ff2 LENGTH
7	12"	39'-9"	14'-1"	9'-0"	11"	5	12"	39'-0"	7	12"	39'-0"

hh2 BAR SIZE	hh2 SPACING	hh2 LENGTH	hh2 D2
6	6"	13-0"	7'-6"

* TOTAL NUMBER OF #4(CONT.) BARS IN WALLS
** TOTAL NUMBER OF #4(CONT.) BARS IN TOP/BOT SLABS

GENERAL NOTES:

All construction shall conform to the latest MAG Uniform Standard Specifications with applicable Maricopa County and City of Phoenix supplements, and to appropriate Arizona Department of Transportation Standard Specifications for Road and Bridge Construction as required by these plans and the Special Provisions.

Design–AASHTO Standard Specifications for Highway Bridges, 1993 fifteenth Edition.

Loading Class–HS 20–44 and Interstate Alternate Loading.

Internal Pressure: 20' of H_2O.

See Thomas–Hartig & Associates, Inc. Geotechnical Report No. 90–0863 dated February 12, 1991 for Soil Data.

All concrete shall be Class"AA" f'c=4,000 psi.

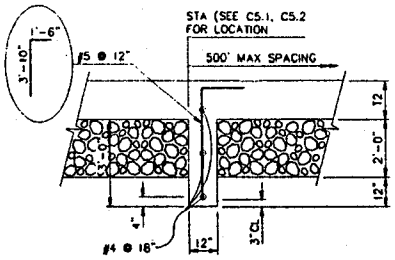
Reinforcing steel shall conform to ASTM Specification A615, Grade 60, fs=24,000 psi.

All bend dimensions for reinforcing steel shall be out to out of bars. All placement dimensions for reinforcing steel shall be to center of bars except as noted.

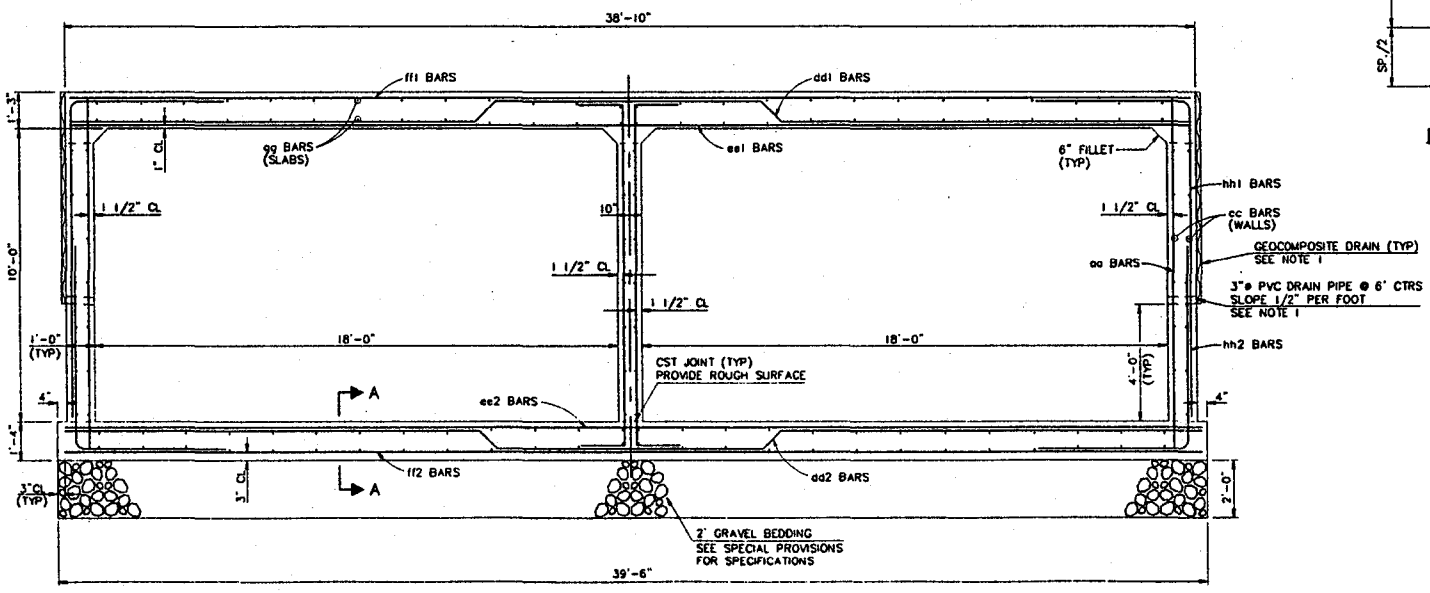
All reinforcing steel shall have 2" clear cover unless noted otherwise.

JOINT NOTE:

Construction joint spacing in the walls and top slab shall not exceed 38'–6", and in the bottom slab shall not exceed 50', with reinforcing steel projecting 1'–6" through all the joints. Joints in the slab shall be perpendicular to the culvert centerline.

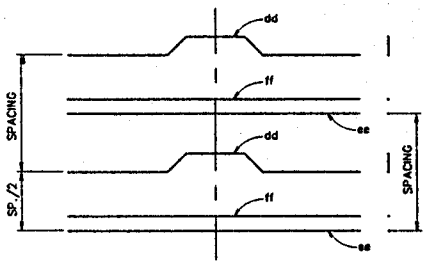


SECTION A – A (CUT-OFF WALL)
SCALE: 1/2" = 1'-0"

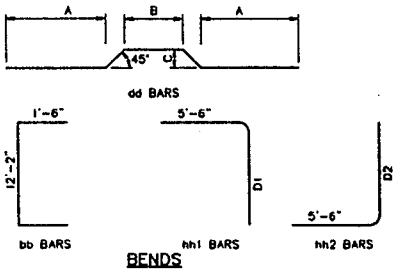


TYPICAL SECTION
SCALE: 1/2" = 1'-0"

NOTE 1: SEE ADOT STD NO. B-19.10 WALL DRAINAGE DETAIL AND SPECIAL PROVISIONS



REINFORCING BAR PLACING DIAGRAM



BENDS

FLOOD CONTROL DISTRICT OF MARICOPA COUNTY ENGINEERING DIVISION			
OLD CROSS CUT CANAL McDOWELL RD TO THOMAS RD PROJECT NO. FCD 94-24			
PRELIMINARY NOT FOR CONSTRUCTION		BY	DATE
	DESIGNED	VA/WSK	11/01/94
	DRAWN	YST	11/01/94
	CHECKED	WSK	11/01/94
ENTRANCO			
TYPICAL SECTION 18'x 10' DOUBLE BARREL BOX CULVERT			SHEET OF C8.1

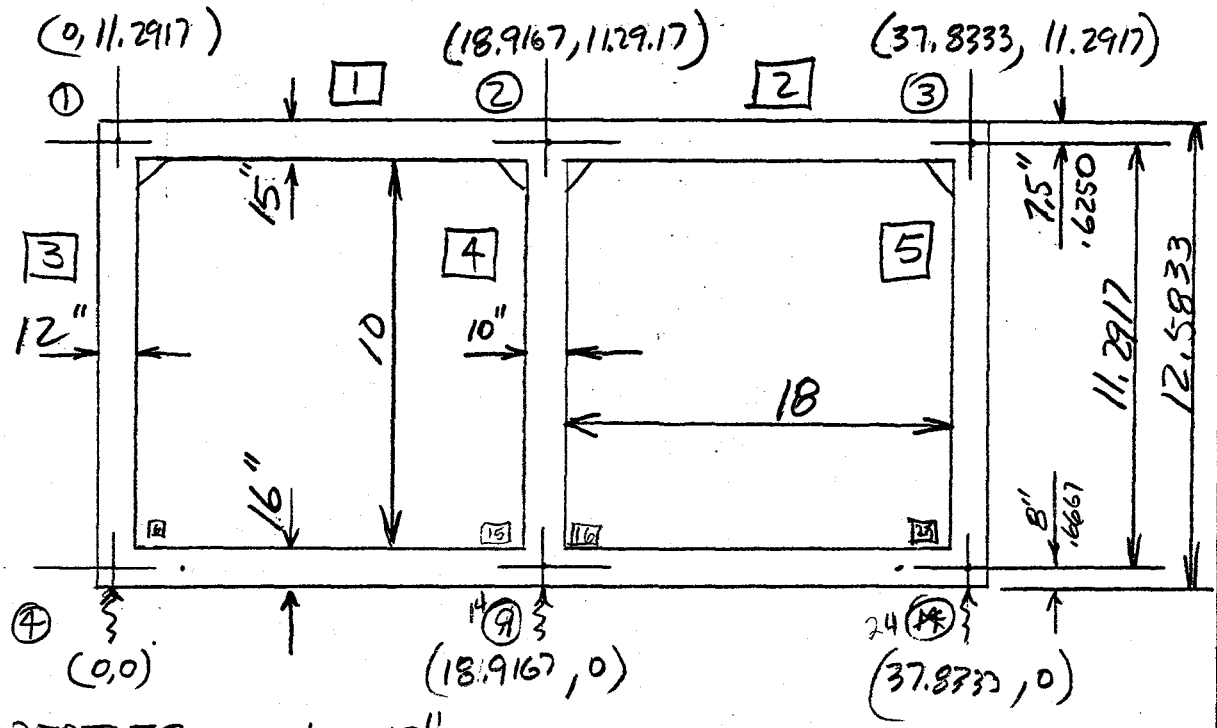
PLOT DATE: 11/01/94 CADD NAME: 18X10BOXLONG
SCALE: 1/2"=1'-0"

PROJECT X-CUT CANAL PLAN DIMENSIONS
SUBJECT DOUBLE 18 x 10 CBC JOINT COORD / Variables
MADE BY WSK DATE 7/20/94 CHECKED BY VA DATE 7/94

STAAD - III INPUT FOR FINAL RUNS

Joint Coordinates ⊛ MEMBER #

Member Incidences



PROPERTIES b = 12"

MEMBER	T	Ax	Iz
1	15"	1.2500	.1628
2	15	1.2500	.1628
3	12	1.0000	.0833
4	10	0.8333	.0482
5	12	1.0000	.0833
6-15	16	1.3333	.1975

CONSTANTS

$E = 57{,}000\sqrt{f'_c} = 57^K\sqrt{4^K}$ AASHTO 8.7.1

$E = 519{,}119.5$ USE: $520{,}000\ K/ft^2 = (3{,}604{,}996.5\ psi)\left(\frac{K}{1000}\right)\left(\frac{144\ in^2}{ft^2}\right)$

$\gamma_{conc} = 150\ \#/ft^3$

```
STAAD PLANE X-CUT CANAL 2-18X10 CBC
UNIT KIP FEET
JOINT COORDINATES
1 0. 11.2917 ; 2 18.9167 11.2917 ; 3 37.8333 11.2917
4 0. 0. 0. 24 37.8333 0. 0.
MEMBER INCIDENCE
1 1 2 ; 2 2 3 ; 3 1 4 ;4 2 14; 5 3 24;6 4 5 25 1
MEMBER PROPERTIES
1 2 PRISMATIC AX 1.250 IZ 0.1628
3 5 PRISMATIC AX 1.0000 IZ 0.0833
4 PRISMATIC AX 0.8333 IZ 0.0482
6 TO 25 PRISMATIC AX 1.3333 IZ 0.1975
CONSTANTS
E 520000. ALL
DENSITY 0.15 ALL
SUPPORTS
5 TO 23 FIXED BUT FX MZ KFY 1634.0
4 24 FIXED BUT MZ KFY 1537.0 KFX 100
*============================================================
LOAD 1 DEAD LOAD
SELFWEIGHT Y -1.0
*============================================================
LOAD 2 DRY 4'FILL WT.
MEMBER LOAD
1 2 UNI Y -.44
*============================================================
LOAD 3 DRY 4'LAT.SOIL
MEMBER LOAD
3 TRAP GX 0.28 0.96
5 TRAP GX -0.28 -0.96
*============================================================
LOAD 13 DRY 4'LAT.SOIL TO TOP OF BOX ONLY
MEMBER LOAD
3 TRAP GX 0.04 0.71
5 TRAP GX -0.04 -0.71
*============================================================
LOAD 4 WET 4'FILL WT.
MEMBER LOAD
1 2 UNI Y -0.56
*============================================================
LOAD 5 WET 4'LAT.SOIL
MEMBER LOAD
3 TRAP GX 0.42 1.43
5 TRAP GX -0.42 -1.43
*============================================================
LOAD 15 WET 4'LAT.SOIL TO TOP OF BOX ONLY
MEMBER LOAD
3 TRAP GX 0.06 1.07
5 TRAP GX -0.06 -1.07
*============================================================
LOAD 10 SYMM LL ON 4'FILL
MEMBER LOAD
1 2 UNI Y -0.23
*============================================================
LOAD 11 UNSYMM LL ON 4'FILL
MEMBER LOAD
1 UNI Y -0.23
*============================================================
LOAD 18 BOUYANT FORCE  HGL 10' MAX ABOVE SOFFIT OF BOX
MEMBER LOAD
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6 TO 25 UNI Y 1.331
*============================================================
LOAD 19 WATER INSIDE   HGL @ CROWN - FLOWING FULL CONDITION
MEMBER LOAD
6 TO 25 UNI Y -0.624
3 TRAP GX  0.000 -0.624
5 TRAP GX 0.000 0.624
*============================================================
LOAD 20 WATER INSIDE   HGL 10' MAX ABOVE SOFFIT OF BOX
MEMBER LOAD
1 2 UNI Y 0.624
6 TO 25 UNI Y -1.248
3 TRAP GX -0.624 -1.248
5 TRAP GX 0.624 1.248
*================================================================
*BEGIN LOAD COMBINATIONS FOR ANALYSIS
*================================================================
*
*LOAD COMB 100 THRU 118 FOR 1/2 LATERAL SOIL PRESSURE INVESTAGATION
*OF TOP AND BOTTOM SLABS - MEMBERS 1,2,AND 6 THRU 24
*
*================================================================
LOAD COMB 100 SELF DL
            1 1.0
*================================================================
*START DRY SOIL ANALYSIS WITH 1/2 LATERAL PRESSURES
*================================================================
LOAD COMB 101 SELF DL + HALF DRY LAT SOIL TO TOP OF BOX
            1 1.0     13 0.5
LOAD COMB 102 SELF DL + DRY 4'FILL + HALF LAT.SOIL
            1 1.0     2 1.0        3 0.5
LOAD COMB 103 SELF DL + DRY 4'FILL + HALF LAT.SOIL + SYMM.LL
            1 1.0     2 1.0        3 0.5           10 1.0
LOAD COMB 104 SELF DL + DRY 4'FILL + HALF LAT.SOIL + UNSYM.LL
            1 1.0     2 1.0        3 0.5           11 1.0
LOAD COMB 105 SELF DL + DRY 4'FILL + HALF LAT.SOIL + SYMM.LL +WATER
            1 1.0     2 1.0        3 0.5           10 1.0    19 1.0
LOAD COMB 106 SELF DL + DRY 4'FILL + HALF LAT.SOIL +UNSYM.LL +WATER
            1 1.0     2 1.0        3 0.5           11 1.0    19 1.0
LOAD COMB 107 SELF DL + DRY 4'FILL + HALF LAT.SOIL + SYMM.LL +WATER
            1 1.0     2 1.0        3 0.5           10 1.0    20 1.0
LOAD COMB 108 SELF DL + DRY 4'FILL + HALF LAT.SOIL +UNSYM.LL +WATER
            1 1.0     2 1.0        3 0.5           11 1.0    20 1.0
*================================================================
*START SATURATED SOIL ANALYSIS WITH 1/2 LATERAL PRESSURES
*================================================================
LOAD COMB 111 SELF DL + HALF WET LAT SOIL TO TOP OF BOX
            1 1.0     15 0.5
LOAD COMB 112 SELF DL + WET 4'FILL + HALF LAT.SOIL
            1 1.0     4 1.0        5 0.5
LOAD COMB 113 SELF DL + WET 4'FILL + HALF LAT.SOIL + SYMM.LL
            1 1.0     4 1.0        5 0.5  10 1.0
LOAD COMB 114 SELF DL + WET 4'FILL + HALF LAT.SOIL + UNSYM.LL
            1 1.0     4 1.0        5 0.5  11 1.0
LOAD COMB 115 SELF DL +WET 4'FILL +HALF LAT.SOIL +SYMM.LL + H2O_FUL
            1 1.0     4 1.0        5 0.5  10 1.0    19 1.0  18 0.59
LOAD COMB 116 SELF DL +WET 4'FILL +HALF LAT.SOIL +UNSYM.LL +H2O_FUL
            1 1.0     4 1.0        5 0.5  11 1.0    19 1.0  18 0.59
LOAD COMB 117 SELF DL +WET 4'FILL +HALF LAT.SOIL +SYMM.LL + H2O_PRE
            1 1.0     4 1.0        5 0.5  10 1.0    20 1.0  18 1.0
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1C/11

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LOAD COMB 118 SELF DL +WET 4'FILL +HALF LAT.SOIL +UNSYM.LL +H2O_PRE
            1 1.0     4 1.0        5 0.5  11 1.0    20 1.0  18 1.0
*================================================================
*BEGIN FULL LATERAL SOIL ANALYSIS FOR ALL -M AREAS & +M  WALL AREAS
*================================================================
*
*START DRY SOIL ANALYSIS
*================================================================
LOAD COMB 121 SELF DL + FULL DRY LAT SOIL TO TOP OF BOX
            1 1.0     13 1.0
LOAD COMB 122 SELF DL + DRY 4'FILL + FULL LAT.SOIL
            1 1.0     2 1.0        3 1.0
LOAD COMB 123 SELF DL + DRY 4'FILL + FULL LAT.SOIL + SYMM.LL
            1 1.0     2 1.0        3 1.0           10 1.0
LOAD COMB 124 SELF DL + DRY 4'FILL + FULL LAT.SOIL + UNSYM.LL
            1 1.0     2 1.0        3 1.0           11 1.0
LOAD COMB 125 SELF DL +DRY 4'FILL +FULL LAT.SOIL +SYMM.LL +H2O_FUL
            1 1.0     2 1.0        3 1.0           10 1.0    19 1.0
LOAD COMB 126 SELF DL +DRY 4'FILL +FULL LAT.SOIL +UNSYM.LL +H2O_FUL
            1 1.0     2 1.0        3 1.0           11 1.0    19 1.0
LOAD COMB 127 SELF DL +DRY 4'FILL +FULL LAT.SOIL +SYMM.LL +H2O_PRE
            1 1.0     2 1.0        3 1.0           10 1.0    20 1.0
LOAD COMB 128 SELF DL +DRY 4'FILL +FULL LAT.SOIL +UNSYM.LL +H2O_PRE
            1 1.0     2 1.0        3 1.0           11 1.0    20 1.0
*================================================================
*START SATURATED SOIL ANALYSIS
*================================================================
LOAD COMB 131 SELF DL + FULL WET LAT SOIL TO TOP OF BOX
            1 1.0     15 1.0
LOAD COMB 132 SELF DL + WET 4'FILL + FULL LAT.SOIL
            1 1.0     4 1.0        5 1.0
LOAD COMB 133 SELF DL + WET 4'FILL + FULL LAT.SOIL + SYMM.LL
            1 1.0     4 1.0        5 1.0      10 1.0
LOAD COMB 134 SELF DL + WET 4'FILL + FULL LAT.SOIL + UNSYM.LL
            1 1.0     4 1.0        5 0.5      11 1.0
LOAD COMB 135 SELF DL +WET 4'FILL +FULL LAT.SOIL + SYMM.LL +H2O_FUL
            1 1.0     4 1.0        5 1.0   10 1.0   19 1.0  18 0.59
LOAD COMB 136 SELF DL +WET 4'FILL +FULL LAT.SOIL +UNSYM.LL +H2O_FUL
            1 1.0     4 1.0        5 1.0   11 1.0   19 1.0  18 0.59
LOAD COMB 137 SELF DL +WET 4'FILL +FULL LAT.SOIL + SYMM.LL +H2O_PRE
            1 1.0     4 1.0        5 1.0  10 1.0    20 1.0  18 1.0
LOAD COMB 138 SELF DL +WET 4'FILL +FULL LAT.SOIL +UNSYM.LL +H2O_PRE
            1 1.0     4 1.0        5 1.0  11 1.0    20 1.0  18 1.0
*================================================================
PERFORM ANALYSIS
PRINT ANALYSIS RESULTS LIST
*================================================================
LOAD LIST 100 TO 118
*================================================================
PRINT FORCE ENV NSECTION 38 LIST 1
PRINT FORCE ENV NSECTION 38 LIST 2
PRINT FORCE ENV NSECTION 4 LIST 6 9 10 11 12 15
PRINT FORCE ENV NSECTION 4 LIST 16 19 20 21 22 25
MSDR ENVELOPE FY MZ LIST 1
MSDR ENVELOPE FY MZ LIST 2
*================================================================
LOAD LIST 121 TO 138
*================================================================
PRINT FORCE ENV NSECTION 38 LIST 1
PRINT FORCE ENV NSECTION 38 LIST 2
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ID/11

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PRINT FORCE ENV NSECTION 38 LIST 3
PRINT FORCE ENV NSECTION 38 LIST 4
PRINT FORCE ENV NSECTION 38 LIST 5
PRINT FORCE ENV NSECTION 4 LIST 6 TO 15
PRINT FORCE ENV NSECTION 4 LIST 16 TO 25
MSDR ENVELOPE FY MZ LIST 1
MSDR ENVELOPE FY MZ LIST 2
MSDR ENVELOPE FY MZ LIST 3
MSDR ENVELOPE FY MZ LIST 4
MSDR ENVELOPE FY MZ LIST 5
PLOT DIS FIL
FINISH
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ENTRANCO

SHEET NO 2 OF 11
PROJECT NO

PROJECT X CUT
SUBJECT 2- 18x10 CBC
MADE BY WSK DATE 7/94 CHECKED BY VA DATE 7/94
REVISED BY DATE RECHECKED BY DATE

FILL HEIGHT

4 feet - Channel area above box will be graded to maintain 4' fill, no mounding in "CHIMP"

DESIGN SEQUENCE

1. Scan STAAD COMPUTER OUT-PUT FORCE Associated with design point
2. Estimate d using Shear near d from Support.
3. Estimate As using Moment at end of haunch
4. Check Shear stress AASHTO 8.15.5.1 (Eq 8-14) for Slabs and 8.15.5.2 (Eq 8-4) for walls
5. Check bending Stresses
6. Check Serviceability AASHTO 17.6.4.1 (Eq 17-19)
7. Check Reinforcing Ratio ρ/ρ_b =
8. Compare Cracked Section Capacity.

See 2-10x10 CBC for LOAD DIAGRAMS and CALCS, COPIES OF AASHTO SPECS and MISC DESIGN AIDS

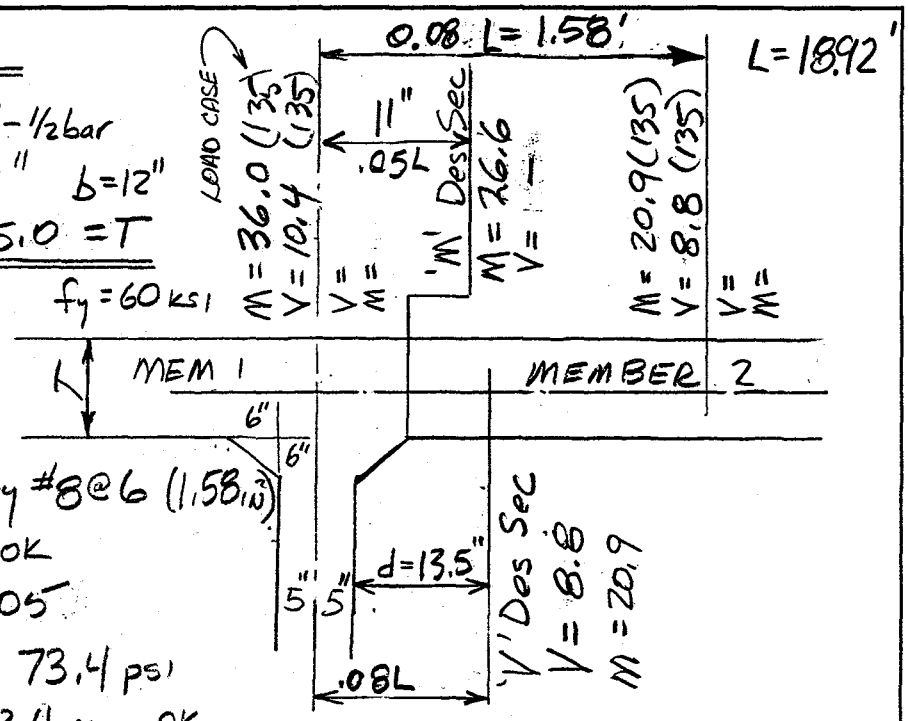
Check 2' fill area of "Chimp" Sta to

ENTRANCO

SHEET NO 3 OF 11
PROJECT NO

PROJECT X-CUT
SUBJECT 2-18x10 CBC
MADE BY WSK DATE 7/94 CHECKED BY VA DATE 7/94
REVISED BY DATE RECHECKED BY DATE

TOP SLAB @ INT WALL



Proportion T $d = T - 2" - 1/2 bar$

$d = V^k/12" \times 70 \pm psi = 10.7"$ $b = 12"$

$T = 11.9 + 2.5 = 14.4$ USE = 15.0 = T

$d = 12.5"$ $f'_c = 4ksi$ $f_y = 60 ksi$

DES. FORCES

$M = 26.6'^{-k}$ $V = 8.8^k$

$As \cong .56 M/d = 1.19 in^2$ Try #8@6 (1.58 in²)

$\therefore d = 15.0 - 2 - .5 = 12.5"$ OK

$\rho = 1.58 in^2/12 \times 12.5 = .0105$

$v_c = \sqrt{f'_c} + 2200 \rho (Vd/M) = 73.4 psi$

$v = 8.8/bd = 58.7 < 73.4 psi$ OK

Check bending Stresses

K = .334 J = .889 (See Table)

Reinf: $f_s = 18180 psi < 24 ksi$ OK

Conc $f_c = 1147 psi < 1600 psi$ OK

Check Serviceability

AASHTO Eq 8-61 & 17-19

$f_s = Z/(d_c A)^{1/3}$ $Z = 98$ $d_c = 2.5$ $A = 30$ $\therefore 98/(d_c^2 \times 12)^{1/3}$

$f_s = 23,242 psi > 18,435$ and $< .6 F_y = 36 ksi$ OK

Check Reinf Ratio "ρ" (rho)

See Ref. #2, COE

$\rho = .0105$ $\rho_b = .029$ AASHTO

$\rho/\rho_b = .36 < .375$ max allowed (.25 recommended)

Check Cracked Section

$f_r = 7.5\sqrt{f'_c} = 474 psi$ $y_T = \frac{T}{2} =$ $I_g =$

$M_{cr} = f_r T^2/6 = 17.8'^{-k} < 26.6'^{-k}$ OK 'ρ' and serviceablity OK and minor water exposure

* USE T = 15" & # 8 @ 6" (dd, bars @ 12")
att w/ (ff, bars @ 12)

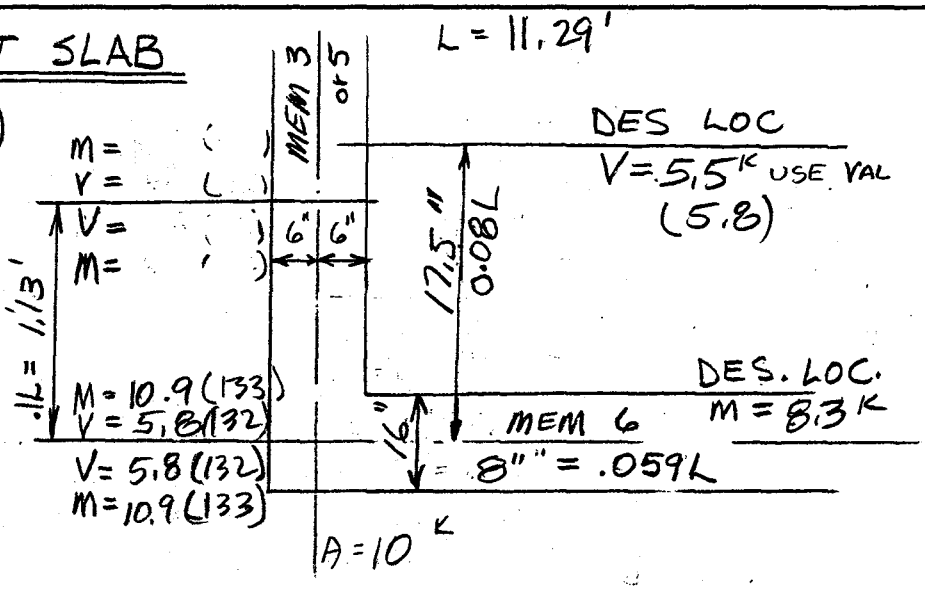
ENTRANCO

SHEET NO 5 OF 11
PROJECT NO

PROJECT X-CUT
SUBJECT 2-18×10 CBC
MADE BY WSK DATE 7/94 CHECKED BY VA DATE 7/94
REVISED BY DATE RECHECKED BY DATE

SIDE WALL @ BOT SLAB

-M (NEG MOMENT)



Proportion W

Cover = 2" ½bar ≤ .5"

$v_c \cong 60$

$d_{min} = V/12 \times v_c = 6.9$

$T = 6.9" + 2.5" = 9.4$

T: USE 12"

d = USE 9.5±

Check As Needed

$A_s = .56M/d = .49$ Try #6@6" = .88 IN²/ft d (now) = 9.7"

DESIGN FORCES

M = 8.3'-K $\rho = .0076$ $v = 5.5^K/12 \times 9.7 = 47.3$ psi

V = 5.5K N = 10.0K $v_c = .9(1 + .0006\, N/A_g)\sqrt{f'_c} = 59.3 > 47.3$ OK

Check bending K = .293 J = .902

Reinf.: $f_s = 12936 < 24$ ksi OK

Conc.: $f_c =$ < 1600 psi OK

Check Reinf. Ratio 'ρ' (rho)

$\rho = .0076$ $\rho_b = .029$

$\rho/\rho_b = .26 \cong .25$ recommended < .375 max allowed OK

Check Serviceability $d_c = 2.37"$ $A = 2 \times 2.37 \times 12/2 = 28.4$

$f_s = Z/(d_c \times A)^{1/3} = 98/(d_c^2 12)^{1/3} = 24.08 > 12,936$ OK

Check Cracked Section $f_r = 474$ psi $y_T = 6"$ $I_g = 1728$ IN⁴

$M_{cr} = 11.4 > 8.3$ OK

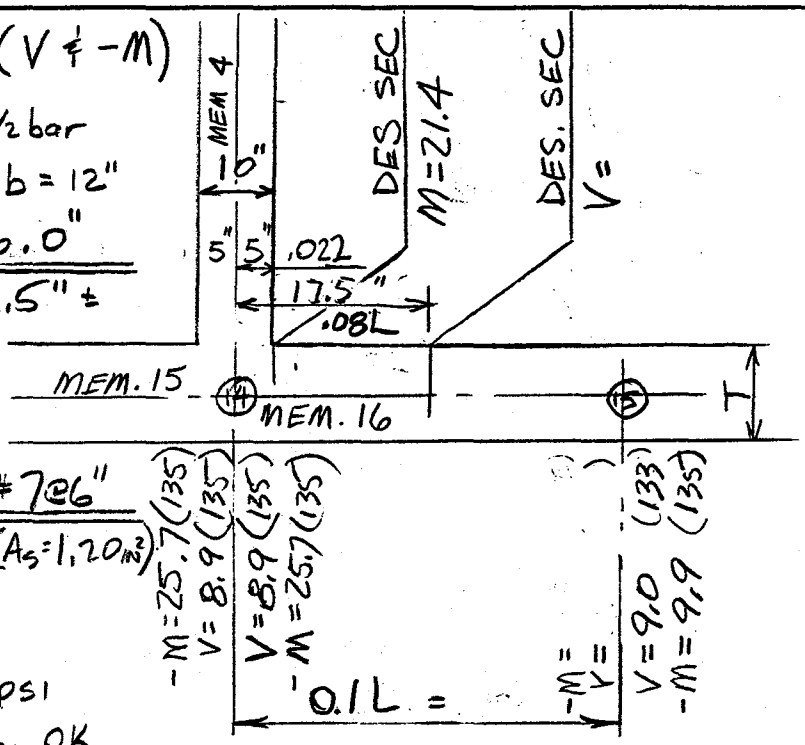
*USE T = 12" & #6@6" (hh₂ bars)

ENTRANCO

SHEET NO 4 OF 11
PROJECT NO

PROJECT X-CUT
SUBJECT 2-18X10 CBC
MADE BY WSK DATE 7/94 CHECKED BY VA DATE 7/94
REVISED BY DATE RECHECKED BY DATE

BOT SLAB @ INT WALL (V & -M)



Proportion T $d = T - 3 - \frac{1}{2}$ bar

$d = 9/12" \times 70\pm$ psi $= 10.7$ $b = 12"$

$T = 10.7 + 3.5 = 14.2\pm$ USE 16.0"

$d = 12.5"\pm$

DES FORCES

$M = 21.4^{'K}$ @ Face of Support

$V = 9^{K}$ @ 'd' from Face

$A_s \cong .56M/d = .96 in^2/ft$ Try #7@6" ($A_s = 1.20 in^2$)

$\therefore d = 16 - 3" - .4" \cong 12.6$

$\rho = 1.2/bd = .0079$

$v_c = \sqrt{4ksi} + 2200\rho(Vd/M) = 79.7$ psi

$v = 9/bd = 60.0$ psi < 79.7 psi OK

Check bending Stresses $K = .298$ $J = .901$

Reinf: $f_s = M/A_s Jd = 19{,}001 < 24$ KSI OK

Conc: $f_c = 1020 < 1600$ psi OK

Check Serviceability AASHTO Eq 8-61 & 17-19

$f_s = Z/(d_c A)^{1/3}$ where $Z = 98$ $d_c = 2.44"$ $A = 2 \times 2.44 \times 12/2 = 29.3$

$f_s = 23{,}634 < .6F_y = 36$ KSI for Spacing/#of bars OK

< 19.0 KSI from bending

Check Reinf Ratio "ρ" (rho) See Reference #2 COE

$\rho = .0079$ $\rho_b = .029$ AASHTO 8.16.3.2, Eq 8-18

$\rho/\rho_b = .27 < .375$ MAX Allowed (.25 recommended)

Check Cracked Section $f_r = 7.5\sqrt{f'_c} = 474$ psi ; $y_T = 8"$ $I_g = 4096 in^4$

$M_{cr} = f_r I_g / y_T = (474_{psi} \times 4096^{in^4}/8)^{\#-11}/12000 = 19.0^{'-K} < 21.4$ OK since Serv. ρ OK

* USE T = 16" & #7 @ 6" (dd₂ bars@12" alt w/ ff₂ bars@12")

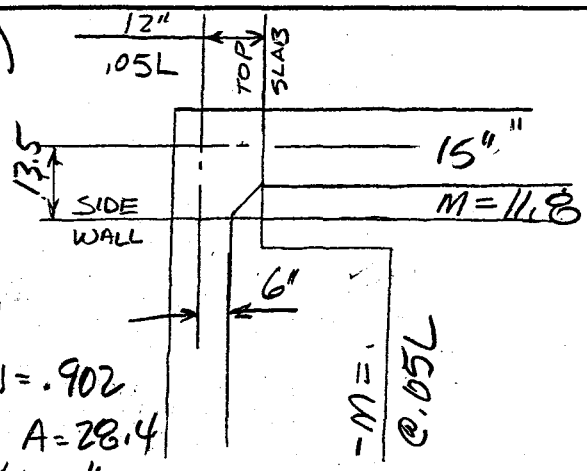
ENTRANCO

SHEET NO 6 OF 11
PROJECT NO

PROJECT X-CUT
SUBJECT 2-18x10 CBC
MADE BY WSK DATE 7/94 CHECKED BY VA DATE 7/94
REVISED BY DATE RECHECKED BY DATE

OTHER DESIGN SECTIONS (-M)

SIDE WALL @ TOP SLAB



V < @ BOT T = 12" OK

$-M = 11.8^{1-k}$ $A_s = .56M/d = .68$

Try #6 @ 6" $A_s = .88 in^2/ft$ d = 9.7

Check ↑ $\rho = .0076$ $k = .293$ $J = .902$

$f_s = 18,391$ OK $d_c = 2.37$ $A = 28.4$

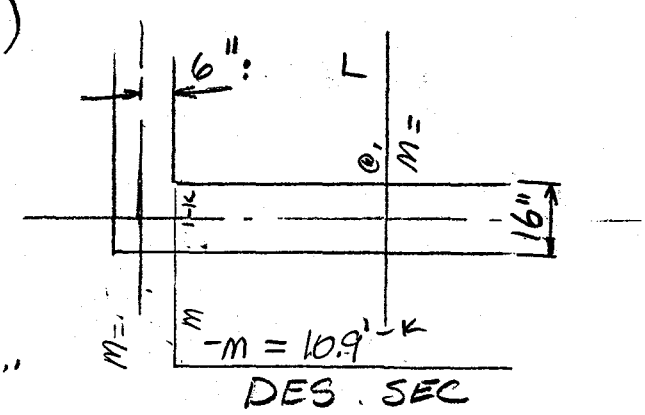
$f_c = 949$ psi OK $f_s = 98/(d_c A)^{1/3}$

$\rho/\rho_b = .26$ OK f_s (Serviceability) = 2 ksi > psi OK

$M_{cr} = 11.4 < 11.8$ OK

* USE T = 12" & #6 @ 6" (hh_1 bars)

BOT SLAB @ EXT WALL (-M)



V < @ ℄ Wall T = 16.0"

#6 @ 6" from Side Wall d = 12.6

$A_s = .88$ $\rho = .0058$ $k = .262$

$J = .913$

$-M_c = 15.4^{1K} > 10.9^{1-K}$ OK

$\rho/\rho_b = .20$ OK $d_c = 2.37"$

f_s (serviceability) = 24.1 ksi OK

$M_{cr} = 11.4^{1-K} > 10.9$ OK (ρ & Service OK)

* USE T = 16" & #6 @ 6" (hh_2 bars)

ENTRANCO

SHEET NO 7 OF 11
PROJECT NO

PROJECT X-CUT
SUBJECT 2-18x10 CBC
MADE BY WSK DATE 7/94 CHECKED BY VA DATE 7/94
REVISED BY DATE RECHECKED BY DATE

TOP SLAB @ EXT WALL (-M) USE #5@6 for Wall

V < @ ℄ Wall ok T = 15" See Sketch previous sht.

Design Force -M = 9.5 1-K d = 15 - 2 - .37 (for #6s) = 12.6"

As = .56 M/d = .42 IN² Try #5 @ 6 IN As = .62 IN²

ρ = .0029 K = .193 J = .936

Check stresses

fs = 15,590 psi < 24 KSI OK

fc = 662 psi < 1600 OK

Serviceability

OK by inspection

Reinf Ratio

ρ = .0029 OK

Cracked Section fr = .474 KSI

Mcr = fr T²/6 = 17.8 1K > 9.5 1K OK

USE #5@6" (hh, bars)

ENTRANCO

SHEET NO 8 OF 11
PROJECT NO

PROJECT X-CUT
SUBJECT 2-18x10 CBC
MADE BY WSK DATE 7/94 CHECKED BY VA DATE 7/94
REVISED BY DATE RECHECKED BY DATE

OTHER DESIGN SECTIONS +M (POS MOMENT)

MID-SPAN TOP SLAB ✓ OK 1" cover @ Top Slab

$M = 20.9$ 1-k $T = 15"$ $d = 13.6"$ for #8@12" + 5@12" (#8 = .79 in²)

$A_s = .56M/d = .84$ in² Try #5@12 8# @12" Top bar bent to match with #

$A_s = (\#5@12" + \#8@12") = 1.10$ in²

$\rho = .0067$ $k = .278$ $j = .907$

Check Stresses $d = 13.6"$

$f_s = 18{,}484$ psi < 24 ksi OK

$f_c = 896$ psi < 1600

Serviceability $d_c = 1 + (.5 + .31)/2 = 1.41$ $A = 1.41 \times 2 \times 12/2 = 16.9$

$f_s = 98/(d_c^2 12)^{1/3} = 34.04$ ksi > 18,484 psi OK

< .6 F_y OK

Reinf Ratio

$\rho = .0067$ $\rho_b = .029$ $\rho/\rho_b = .23$ < .25 reccomended

< .375 max allow.

Cracked Section

$T = 15$ $I_g = T^3$ in⁴ $f_r = .474$ ksi $M_{cr} = f_r I_g / y_T$

$M_{cr} = f_r T^2/6 = 17.8$ 1k < 20.3 OK since Servic & ρ OK

* USE T = 15" & #5@12" alt. w/ #8@12"

(ee, bars) (dd, bars)

ENTRANCO

SHEET NO 9 OF 11
PROJECT NO

PROJECT X-CUT
SUBJECT 2-18x10 CBC
MADE BY WSK DATE 7/94 CHECKED BY VA DATE 7/94
REVISED BY DATE RECHECKED BY DATE

OTHER DESIGN SECTIONS +M

MID-SPAN BOT. SLAB ✓ ok 2" cover

$M = 9.8^{1-k}$ $T = 16''$ $d = 12.6''$ for # @6 (# = . in²)

$A_s = .56M/d = .43$ Try #5@12" #5 bar bent to match with #7 dd_2

$A_s = (\#5@12'' \,\&\, \#7@12'') = .91 \text{ in}^2$

$\rho = .0060$ $k = .266$ $j = .911$ $d = 12.6''$

Check Stresses

$f_s = 11{,}258 < 24 \text{ ksi}$ ok

$f_c = 509 < 1600$

Serviceability $d_c = 2 + (.31 + .44)/2 = 2.37$ $A = 2.37 \times 2 \times 12/2 =$

$f_s = 98/(d_c^2 12)^{1/3} = 24{,}081 > 11{,}258$ psi OK

Reinf Ratio

$\rho = .006$ $\rho_b = .029$ $\rho/\rho_b = .21$ ≃ .25 reccomended < .375 max allow.

Cracked Section

$T = 15$ $I_g = T^3 \text{ in}^4$ $f_r = .474$ ksi

$M_{cr} = 2f_rT^2/12 = 17.8^{1k} > 9.8$ OK and ~~since~~ Servic & ρ OK

+ USE #5 (ee_2 bar @12") alt w/ #7 (dd_2 bar @12") bent up from bottom

ENTRANCO

SHEET NO 10 OF 11
PROJECT NO

PROJECT X-CUT
SUBJECT 2-18x10 CBC
MADE BY CNSK DATE 7/94 CHECKED BY VA DATE 7/94
REVISED BY DATE RECHECKED BY DATE

OTHER DESIGN SECTIONS $+M = 4.0$ $-M = 4.0$

MID-SPAN WALLS WATER INSIDE Face ✓ ok Cover = 1.5" inside, 2.0 outside

$M = 3.5^{1-k}$ $T = 12''$ $d = 10.2''$ for #5@6" (#5 = .31 in²)

$A_s = .56M/d = .05$ Try #5@12" ~~# bar bent to match with #~~

$A_s = (\#5@12'' \,\&\, \#\ @\ 1'') = .31\ in^2$

$\rho = .0025$ $k = .181$ $j = .940$

Check Stresses

$f_s = 14{,}131$ < 24 ksi ok

$f_c = 395$ < 1600

Serviceability $d_c = 1.5\ (.31 + .0)/2 = 1.81$ $A = 1.81 \times 2 \times 12/1 = 43.4$

$f_s = 98/(d_c A)^{1/3} = 22{,}875 > 14{,}131$ psi OK

< .6Fy OK

Reinf Ratio

$\rho = .0025$ $\rho_b = .029$ $\rho/\rho_b = .09$ ≤ .25 reccomended, < .375 max allow.

Cracked Section

$T = 12''$ $I_g = T^3\ in^4$ $f_r = .474$ ksi $M_{cr} = f_r I_g / y_T$ $y_T = T/2$

$M_{cr} = 2 f_r T^2/12 = 11.4^{1k}$ < 3.5 OK since Servic & ρ OK

* USE T = 12" & #5@12" (aa bars)

MID SPAN WALL - DIRT FACE

$M = -4.0$ from above #5 @ 12" are ok (hh, bars)

Extend hh, bars to bottom of wall

*USE T = 12" #5@6" from Top Slap @ sidewall

Since There are 2 bars in 12" all checks are ok by inspection

ENTRANCO

SHEET NO 11 OF 11
PROJECT NO

PROJECT OLD X-CUT CANAL
SUBJECT 2-18×10 CBC
MADE BY WSK DATE 10/94 CHECKED BY DATE
REVISED BY DATE RECHECKED BY DATE

Check for 2' of fill Condition in "Chimp" near McDowell Rd

See 2-10'x10' CBC Calcs Sheet 3 and 4

Controlling load is 2 Lanes $w_L = 0.26^K/ft^2$
where there is 4' of fill

w_L (Revised 2' fill) — See LL calc for 10x10 pages 3 & 4

$a = 16' + 1.75 \times 2' = 19.5'$

$\therefore w_L = 8 \times 16^K / [(19.5)(21.92)] = 0.31^K/ft^2$

$\Delta w_L = 0.31 - 0.26 = +0.05^K/ft^2$

$\Delta w_{earth\ dry} = 4' \times 0.11^K/ft^2 - 2' \times 0.11^K/ft^2 = -0.22^K/ft^2$

$\Delta w_{earth\ wet} = 2' - 0.14^K/ft^2 = .028^K/ft^2$

$\therefore$ Since $\Delta w_L + \Delta w_e = +0.05^K/ft^2 - 0.22^K/ft^2_{min} = -0.17^K/ft^2_{min}$

Since Max Stresses occur when these loading are combined The design with 4' of fill has a larger load than the 2' fill

$\therefore$ The 4' fill design controlls

ENTRANCO Engineers, Inc.

Sheet No. 1 of 1

Project No. 3-94002-10

PROJECT: OLD CROSS-CUT CANAL

SUBJECT: REINFORCING QUANTITIES

MADE BY: WSK DATE: 10/94 CHECKED BY: _____ DATE: _____

REVISED BY: _____ DATE: _____ CHECKED BY: _____ DATE: _____

REINFORCING STEEL

ITEM DESCRIPTION		BAR SIZE	UNIT WEIGHT (LBS/FT)	UNIT LENGTH (FT)	NO. OF UNITS PER ITEM	NO. OF ITEMS	TOTAL WEIGHT (~~TONS~~) lbs
TOP SLAB	ff_1	8	2.670	38.50	1	1	102.8
	dd_1	8	2.670	39.33	1	1	105.0
	ee_1	5	1.043	38.50	1	1	40.2
	gg	4	0.668	1.025	56	1	38.3
BOT SLAB	ff_2	7	2.044	39.00	1	1	79.7
	dd_2	7	2.044	39.75	1	1	81.2
	ee_2	5	1.043	39.00	1	1	40.7
	gg	4	0.668	1.025	56	1	38.3
EXT WALS	aa	5	1.043	12.17	1	2	25.4
	hh_1	6	1.502	16.50	2	2	99.1
	hh_2	6	1.502	13.0	2	2	78.1
	cc	4	0.668	1.025	14	2	19.2
INT WALL	bb	5	1.043	15.17	2	1	31.6
	cc	4	0.668	1.025	14	1	9.6
							789.2
						USE	800.

ENTRANCO Engineers, Inc.

Sheet No. 1 of 1

Project No. 3-94002-10

PROJECT: OLD CROSS-CUT CANAL

SUBJECT: CONCRETE QUANTITIES

MADE BY: WSK DATE: 10/94 CHECKED BY: _____ DATE: _____

REVISED BY: _____ DATE: _____ CHECKED BY: _____ DATE: _____

4000 PSI CONCRETE

ITEM DESCRIPTION	LENGTH (FT)	WIDTH (FT)	DEPTH (FT)	NO. OF ITEMS	TOTAL (CY) VOLUME
TOP SLAB	1.0	38.8333	1.25	1	48.54
BOT SLAB	1.0	39.50	1.3333	1	52.67
EXT WALL	1.0	1.0	10.0	2	20.00
TOP WALL HAUNCHES	1.0	0.50	0.50/2	4	0.50
INT WALL	1.0	0.833	10.0	1	8.33
					130.04 yd^2
			without bot Slab exten		4.82 CY
Bot Slab Extension	1.0	3.50	1.333	2	9.33 yd^2 = .35 CY

```
**************************************************
*                                                *
*          S T A A D - III                       *
*          REVISION 12.1 (VERSION 12 LEVEL 1)    *
*          PROPRIETARY PROGRAM OF                *
*          RESEARCH ENGINEERS,INC.               *
*          DATE=    JUL 22, 1994                 *
*          TIME=    14:18:59                     *
*                                                *
**************************************************
```

```
STAAD PLANE X-CUT CANAL 2-18X10 CBC
UNIT KIP FEET
JOINT COORDINATES
1 0. 11.2917 ; 2 18.9167 11.2917 ; 3 37.8333 11.2917
4 0. 0. 0. 24 37.8333 0. 0.
MEMBER INCIDENCE
1 1 2 ; 2 2 3 ; 3 1 4 ;4 2 14; 5 3 24;6 4 5 25 1
MEMBER PROPERTIES
1 2 PRISMATIC AX 1.250 IZ 0.1628
3 5 PRISMATIC AX 1.0000 IZ 0.0833
4 PRISMATIC AX 0.8333 IZ 0.0482
6 TO 25 PRISMATIC AX 1.3333 IZ 0.1975
CONSTANTS
E 520000. ALL
DENSITY 0.15 ALL
SUPPORTS
5 TO 23 FIXED BUT FX MZ KFY 1634.0
4 24 FIXED BUT MZ KFY 1537.0 KFX 100
*============================================================
LOAD 1 DEAD LOAD
SELFWEIGHT Y -1.0
*============================================================
LOAD 2 DRY 4'FILL WT.
MEMBER LOAD
1 2 UNI Y -.44
*============================================================
LOAD 3 DRY 4'LAT.SOIL
MEMBER LOAD
3 TRAP GX 0.28 0.96
5 TRAP GX -0.28 -0.96
*============================================================
LOAD 13 DRY 4'LAT.SOIL TO TOP OF BOX ONLY
MEMBER LOAD
3 TRAP GX 0.04 0.71
5 TRAP GX -0.04 -0.71
*============================================================
LOAD 4 WET 4'FILL WT.
MEMBER LOAD
1 2 UNI Y -0.56
*============================================================
LOAD 5 WET 4'LAT.SOIL
MEMBER LOAD
3 TRAP GX 0.42 1.43
5 TRAP GX -0.42 -1.43
*============================================================
```

```
46.     LOAD 15 WET 4'LAT.SOIL TO TOP OF BOX ONLY
47.     MEMBER LOAD
48.     3 TRAP GX 0.06 1.07
```

```
5 TRAP GX -0.06 -1.07
*============================================================
LOAD 10 SYMM LL ON 4'FILL
MEMBER LOAD
1 2 UNI Y -0.23
*============================================================
LOAD 11 UNSYMM LL ON 4'FILL
MEMBER LOAD
1 UNI Y -0.23
*============================================================
LOAD 18 BOUYANT FORCE  HGL 10' MAX ABOVE SOFFIT OF BOX
MEMBER LOAD
6 TO 25 UNI Y 1.331
*============================================================
LOAD 19 WATER INSIDE   HGL @ CROWN - FLOWING FULL CONDITION
MEMBER LOAD
6 TO 25 UNI Y -0.624
3 TRAP GX  0.000 -0.624
5 TRAP GX 0.000 0.624
*============================================================
LOAD 20 WATER INSIDE   HGL 10' MAX ABOVE SOFFIT OF BOX
MEMBER LOAD
1 2 UNI Y 0.624
6 TO 25 UNI Y -1.248
3 TRAP GX -0.624 -1.248
5 TRAP GX 0.624 1.248
*================================================================
*BEGIN LOAD COMBINATIONS FOR ANALYSIS
*================================================================
*
*LOAD COMB 100 THRU 118 FOR 1/2 LATERAL SOIL PRESSURE INVESTAGATION
*OF TOP AND BOTTOM SLABS - MEMBERS 1,2,AND 6 THRU 24
*
*================================================================
LOAD COMB 100 SELF DL
              1 1.0
*================================================================
*START DRY SOIL ANALYSIS WITH 1/2 LATERAL PRESSURES
*================================================================
LOAD COMB 101 SELF DL + HALF DRY LAT SOIL TO TOP OF BOX
              1 1.0     13 0.5
LOAD COMB 102 SELF DL + DRY 4'FILL + HALF LAT.SOIL
              1 1.0     2 1.0        3 0.5
LOAD COMB 103 SELF DL + DRY 4'FILL + HALF LAT.SOIL + SYMM.LL
              1 1.0     2 1.0        3 0.5          10 1.0
LOAD COMB 104 SELF DL + DRY 4'FILL + HALF LAT.SOIL + UNSYM.LL
              1 1.0     2 1.0        3 0.5          11 1.0
LOAD COMB 105 SELF DL + DRY 4'FILL + HALF LAT.SOIL + SYMM.LL +WATER
              1 1.0     2 1.0        3 0.5          10 1.0    19 1.0
LOAD COMB 106 SELF DL + DRY 4'FILL + HALF LAT.SOIL +UNSYM.LL +WATER
              1 1.0     2 1.0        3 0.5          11 1.0    19 1.0
LOAD COMB 107 SELF DL + DRY 4'FILL + HALF LAT.SOIL + SYMM.LL +WATER
              1 1.0     2 1.0        3 0.5          10 1.0    20 1.0
LOAD COMB 108 SELF DL + DRY 4'FILL + HALF LAT.SOIL +UNSYM.LL +WATER
              1 1.0     2 1.0        3 0.5          11 1.0    20 1.0
*================================================================
*START SATURATED SOIL ANALYSIS WITH 1/2 LATERAL PRESSURES
*================================================================
```

```
LOAD COMB 111 SELF DL + HALF WET LAT SOIL TO TOP OF BOX
                1 1.0     15 0.5
```

```
109.    LOAD COMB 112 SELF DL + WET 4'FILL + HALF LAT.SOIL
110.                1 1.0     4 1.0       5 0.5
111.    LOAD COMB 113 SELF DL + WET 4'FILL + HALF LAT.SOIL + SYMM.LL
112.                1 1.0     4 1.0       5 0.5  10 1.0
113.    LOAD COMB 114 SELF DL + WET 4'FILL + HALF LAT.SOIL + UNSYM.LL
114.                1 1.0     4 1.0       5 0.5  11 1.0
115.    LOAD COMB 115 SELF DL +WET 4'FILL +HALF LAT.SOIL +SYMM.LL + H2O_FUL
116.                1 1.0     4 1.0       5 0.5  10 1.0    19 1.0  18 0.59
117.    LOAD COMB 116 SELF DL +WET 4'FILL +HALF LAT.SOIL +UNSYM.LL +H2O_FUL
118.                1 1.0     4 1.0       5 0.5  11 1.0    19 1.0  18 0.59
119.    LOAD COMB 117 SELF DL +WET 4'FILL +HALF LAT.SOIL +SYMM.LL + H2O_PRE
120.                1 1.0     4 1.0       5 0.5  10 1.0    20 1.0  18 1.0
121.    LOAD COMB 118 SELF DL +WET 4'FILL +HALF LAT.SOIL +UNSYM.LL +H2O_PRE
122.                1 1.0     4 1.0       5 0.5  11 1.0    20 1.0  18 1.0
123.    *================================================================
124.    *BEGIN FULL LATERAL SOIL ANALYSIS FOR ALL -M AREAS & +M  WALL AREAS
125.    *================================================================
126.    *
127.    *START DRY SOIL ANALYSIS
128.    *================================================================
129.    LOAD COMB 121 SELF DL + FULL DRY LAT SOIL TO TOP OF BOX
130.                1 1.0     13 1.0
131.    LOAD COMB 122 SELF DL + DRY 4'FILL + FULL LAT.SOIL
132.                1 1.0     2 1.0       3 1.0
133.    LOAD COMB 123 SELF DL + DRY 4'FILL + FULL LAT.SOIL + SYMM.LL
134.                1 1.0     2 1.0       3 1.0          10 1.0
135.    LOAD COMB 124 SELF DL + DRY 4'FILL + FULL LAT.SOIL + UNSYM.LL
136.                1 1.0     2 1.0       3 1.0          11 1.0
137.    LOAD COMB 125 SELF DL +DRY 4'FILL +FULL LAT.SOIL +SYMM.LL +H2O_FUL
138.                1 1.0     2 1.0       3 1.0          10 1.0    19 1.0
139.    LOAD COMB 126 SELF DL +DRY 4'FILL +FULL LAT.SOIL +UNSYM.LL +H2O_FUL
140.                1 1.0     2 1.0       3 1.0          11 1.0    19 1.0
141.    LOAD COMB 127 SELF DL +DRY 4'FILL +FULL LAT.SOIL +SYMM.LL +H2O_PRE
142.                1 1.0     2 1.0       3 1.0          10 1.0    20 1.0
143.    LOAD COMB 128 SELF DL +DRY 4'FILL +FULL LAT.SOIL +UNSYM.LL +H2O_PRE
144.                1 1.0     2 1.0       3 1.0          11 1.0    20 1.0
145.    *================================================================
146.    *START SATURATED SOIL ANALYSIS
147.    *================================================================
148.    LOAD COMB 131 SELF DL + FULL WET LAT SOIL TO TOP OF BOX
149.                1 1.0     15 1.0
150.    LOAD COMB 132 SELF DL + WET 4'FILL + FULL LAT.SOIL
151.                1 1.0     4 1.0       5 1.0
152.    LOAD COMB 133 SELF DL + WET 4'FILL + FULL LAT.SOIL + SYMM.LL
153.                1 1.0     4 1.0       5 1.0      10 1.0
154.    LOAD COMB 134 SELF DL + WET 4'FILL + FULL LAT.SOIL + UNSYM.LL
155.                1 1.0     4 1.0       5 0.5     11 1.0
156.    LOAD COMB 135 SELF DL +WET 4'FILL +FULL LAT.SOIL + SYMM.LL +H2O_FUL
157.                1 1.0     4 1.0       5 1.0   10 1.0   19 1.0  18 0.59
158.    LOAD COMB 136 SELF DL +WET 4'FILL +FULL LAT.SOIL +UNSYM.LL +H2O_FUL
159.                1 1.0     4 1.0       5 1.0   11 1.0   19 1.0  18 0.59
160.    LOAD COMB 137 SELF DL +WET 4'FILL +FULL LAT.SOIL + SYMM.LL +H2O_PRE
161.                1 1.0     4 1.0       5 1.0  10 1.0    20 1.0  18 1.0
162.    LOAD COMB 138 SELF DL +WET 4'FILL +FULL LAT.SOIL +UNSYM.LL +H2O_PRE
163.                1 1.0     4 1.0       5 1.0  11 1.0    20 1.0  18 1.0
164.    *================================================================
165.    PERFORM ANALYSIS
```

P R O B L E M S T A T I S T I C S

NUMBER OF JOINTS/MEMBER+ELEMENTS/SUPPORTS = 24/ 25/ 21
ORGINAL/FINAL BAND-WIDTH = 21/ 2
TOTAL PRIMARY LOAD CASES = 12, TOTAL DEGREES OF FREEDOM = 72
SIZE OF STIFFNESS MATRIX = 648 DOUBLE PREC. WORDS
TOTAL REQUIRED DISK SPACE = 0.07 MEGA-BYTES

++ PROCESSING ELEMENT STIFFNESS MATRIX. 14:19: 2
++ PROCESSING GLOBAL STIFFNESS MATRIX. 14:19: 2
++ PROCESSING TRIANGULAR FACTORIZATION. 14:19: 3
++ CALCULATING JOINT DISPLACEMENTS. 14:19: 3
++ CALCULATING ELEMENT FORCES. 14:19: 4

166. PRINT ANALYSIS RESULTS LIST

JOINT DISPLACEMENT (INCH RADIANS) STRUCTURE TYPE = PLANE

JOINT	LOAD	X-TRANS	Y-TRANS	Z-TRANS	X-ROTAN	Y-ROTAN	Z-ROTAN
1	1	0.00002	-0.01463	0.00000	0.00000	0.00000	-0.00020
	2	0.00015	-0.01504	0.00000	0.00000	0.00000	-0.00046
	3	0.00094	0.00381	0.00000	0.00000	0.00000	0.00022
	13	0.00047	0.00252	0.00000	0.00000	0.00000	0.00013
	4	0.00019	-0.01914	0.00000	0.00000	0.00000	-0.00059
	5	0.00140	0.00568	0.00000	0.00000	0.00000	0.00032
	15	0.00071	0.00380	0.00000	0.00000	0.00000	0.00019
	10	0.00008	-0.00786	0.00000	0.00000	0.00000	-0.00024
	11	0.00190	-0.00888	0.00000	0.00000	0.00000	-0.00030
	18	-0.00004	0.01447	0.00000	0.00000	0.00000	0.00000
	19	-0.00035	-0.00894	0.00000	0.00000	0.00000	-0.00010
	20	-0.00173	0.00234	0.00000	0.00000	0.00000	0.00031
	100	0.00002	-0.01463	0.00000	0.00000	0.00000	-0.00020
	101	0.00025	-0.01337	0.00000	0.00000	0.00000	-0.00014
	102	0.00063	-0.02777	0.00000	0.00000	0.00000	-0.00055
	103	0.00071	-0.03563	0.00000	0.00000	0.00000	-0.00079
	104	0.00254	-0.03664	0.00000	0.00000	0.00000	-0.00085
	105	0.00036	-0.04456	0.00000	0.00000	0.00000	-0.00090
	106	0.00219	-0.04558	0.00000	0.00000	0.00000	-0.00096
	107	-0.00102	-0.03328	0.00000	0.00000	0.00000	-0.00048
	108	0.00080	-0.03430	0.00000	0.00000	0.00000	-0.00054
	111	0.00037	-0.01274	0.00000	0.00000	0.00000	-0.00011
	112	0.00091	-0.03093	0.00000	0.00000	0.00000	-0.00062
	113	0.00098	-0.03879	0.00000	0.00000	0.00000	-0.00087
	114	0.00281	-0.03981	0.00000	0.00000	0.00000	-0.00093
	115	0.00061	-0.03919	0.00000	0.00000	0.00000	-0.00097
	116	0.00243	-0.04021	0.00000	0.00000	0.00000	-0.00103
	117	-0.00079	-0.02198	0.00000	0.00000	0.00000	-0.00055
	118	0.00103	-0.02300	0.00000	0.00000	0.00000	-0.00061
	121	0.00049	-0.01211	0.00000	0.00000	0.00000	-0.00008
	122	0.00110	-0.02586	0.00000	0.00000	0.00000	-0.00044
	123	0.00118	-0.03372	0.00000	0.00000	0.00000	-0.00068
	124	0.00301	-0.03474	0.00000	0.00000	0.00000	-0.00074
	125	0.00083	-0.04266	0.00000	0.00000	0.00000	-0.00079
	126	0.00266	-0.04367	0.00000	0.00000	0.00000	-0.00085
	127	-0.00055	-0.03138	0.00000	0.00000	0.00000	-0.00037
	128	0.00127	-0.03240	0.00000	0.00000	0.00000	-0.00043
	131	0.00073	-0.01084	0.00000	0.00000	0.00000	-0.00001
	132	0.00161	-0.02809	0.00000	0.00000	0.00000	-0.00046
	133	0.00168	-0.03595	0.00000	0.00000	0.00000	-0.00070
	134	0.00281	-0.03981	0.00000	0.00000	0.00000	-0.00093
	135	0.00131	-0.03635	0.00000	0.00000	0.00000	-0.00081
	136	0.00314	-0.03737	0.00000	0.00000	0.00000	-0.00087
	137	-0.00009	-0.01914	0.00000	0.00000	0.00000	-0.00039
	138	0.00174	-0.02016	0.00000	0.00000	0.00000	-0.00045
2	1	0.00000	-0.01232	0.00000	0.00000	0.00000	0.00000
	2	0.00000	-0.01692	0.00000	0.00000	0.00000	0.00000
	3	0.00000	0.00135	0.00000	0.00000	0.00000	0.00000

JOINT DISPLACEMENT (INCH RADIANS) STRUCTURE TYPE = PLANE

JOINT	LOAD	X-TRANS	Y-TRANS	Z-TRANS	X-ROTAN	Y-ROTAN	Z-ROTAN
	13	0.00000	0.00080	0.00000	0.00000	0.00000	0.00000
	4	0.00000	-0.02153	0.00000	0.00000	0.00000	0.00000
	5	0.00000	0.00201	0.00000	0.00000	0.00000	0.00000
	15	0.00000	0.00120	0.00000	0.00000	0.00000	0.00000
	10	0.00000	-0.00884	0.00000	0.00000	0.00000	0.00000
	11	0.00181	-0.00442	0.00000	0.00000	0.00000	0.00025
	18	0.00000	0.01842	0.00000	0.00000	0.00000	0.00000
	19	0.00000	-0.00930	0.00000	0.00000	0.00000	0.00000
	20	0.00000	0.00465	0.00000	0.00000	0.00000	0.00000
	100	0.00000	-0.01232	0.00000	0.00000	0.00000	0.00000
	101	0.00000	-0.01192	0.00000	0.00000	0.00000	0.00000
	102	0.00000	-0.02856	0.00000	0.00000	0.00000	0.00000
	103	0.00000	-0.03740	0.00000	0.00000	0.00000	0.00000
	104	0.00181	-0.03298	0.00000	0.00000	0.00000	0.00025
	105	0.00000	-0.04670	0.00000	0.00000	0.00000	0.00000
	106	0.00181	-0.04228	0.00000	0.00000	0.00000	0.00025
	107	0.00000	-0.03275	0.00000	0.00000	0.00000	0.00000
	108	0.00181	-0.02833	0.00000	0.00000	0.00000	0.00025
	111	0.00000	-0.01172	0.00000	0.00000	0.00000	0.00000
	112	0.00000	-0.03284	0.00000	0.00000	0.00000	0.00000
	113	0.00000	-0.04168	0.00000	0.00000	0.00000	0.00000
	114	0.00181	-0.03726	0.00000	0.00000	0.00000	0.00025
	115	0.00000	-0.04011	0.00000	0.00000	0.00000	0.00000
	116	0.00181	-0.03569	0.00000	0.00000	0.00000	0.00025
	117	0.00000	-0.01861	0.00000	0.00000	0.00000	0.00000
	118	0.00181	-0.01419	0.00000	0.00000	0.00000	0.00025
	121	0.00000	-0.01152	0.00000	0.00000	0.00000	0.00000
	122	0.00000	-0.02788	0.00000	0.00000	0.00000	0.00000
	123	0.00000	-0.03673	0.00000	0.00000	0.00000	0.00000
	124	0.00181	-0.03231	0.00000	0.00000	0.00000	0.00025
	125	0.00000	-0.04602	0.00000	0.00000	0.00000	0.00000
	126	0.00181	-0.04160	0.00000	0.00000	0.00000	0.00025
	127	0.00000	-0.03208	0.00000	0.00000	0.00000	0.00000
	128	0.00181	-0.02765	0.00000	0.00000	0.00000	0.00025
	131	0.00000	-0.01111	0.00000	0.00000	0.00000	0.00000
	132	0.00000	-0.03183	0.00000	0.00000	0.00000	0.00000
	133	0.00000	-0.04068	0.00000	0.00000	0.00000	0.00000
	134	0.00181	-0.03726	0.00000	0.00000	0.00000	0.00025
	135	0.00000	-0.03910	0.00000	0.00000	0.00000	0.00000
	136	0.00181	-0.03468	0.00000	0.00000	0.00000	0.00025
	137	0.00000	-0.01760	0.00000	0.00000	0.00000	0.00000
	138	0.00181	-0.01318	0.00000	0.00000	0.00000	0.00025
3	1	-0.00002	-0.01463	0.00000	0.00000	0.00000	0.00020
	2	-0.00015	-0.01504	0.00000	0.00000	0.00000	0.00046
	3	-0.00094	0.00381	0.00000	0.00000	0.00000	-0.00022
	13	-0.00047	0.00252	0.00000	0.00000	0.00000	-0.00013
	4	-0.00019	-0.01914	0.00000	0.00000	0.00000	0.00059
	5	-0.00140	0.00568	0.00000	0.00000	0.00000	-0.00032

JOINT DISPLACEMENT (INCH RADIANS) STRUCTURE TYPE = PLANE

JOINT	LOAD	X-TRANS	Y-TRANS	Z-TRANS	X-ROTAN	Y-ROTAN	Z-ROTAN
	15	-0.00071	0.00380	0.00000	0.00000	0.00000	-0.00019
	10	-0.00008	-0.00786	0.00000	0.00000	0.00000	0.00024
	11	0.00183	0.00102	0.00000	0.00000	0.00000	-0.00006
	18	0.00004	0.01447	0.00000	0.00000	0.00000	0.00000
	19	0.00035	-0.00894	0.00000	0.00000	0.00000	0.00010
	20	0.00173	0.00234	0.00000	0.00000	0.00000	-0.00031
	100	-0.00002	-0.01463	0.00000	0.00000	0.00000	0.00020
	101	-0.00025	-0.01337	0.00000	0.00000	0.00000	0.00014
	102	-0.00063	-0.02776	0.00000	0.00000	0.00000	0.00055
	103	-0.00071	-0.03562	0.00000	0.00000	0.00000	0.00079
	104	0.00119	-0.02675	0.00000	0.00000	0.00000	0.00049
	105	-0.00036	-0.04456	0.00000	0.00000	0.00000	0.00090
	106	0.00154	-0.03568	0.00000	0.00000	0.00000	0.00060
	107	0.00102	-0.03328	0.00000	0.00000	0.00000	0.00048
	108	0.00293	-0.02441	0.00000	0.00000	0.00000	0.00018
	111	-0.00037	-0.01274	0.00000	0.00000	0.00000	0.00011
	112	-0.00091	-0.03093	0.00000	0.00000	0.00000	0.00062
	113	-0.00098	-0.03879	0.00000	0.00000	0.00000	0.00087
	114	0.00092	-0.02991	0.00000	0.00000	0.00000	0.00056
	115	-0.00061	-0.03919	0.00000	0.00000	0.00000	0.00097
	116	0.00130	-0.03031	0.00000	0.00000	0.00000	0.00067
	117	0.00079	-0.02198	0.00000	0.00000	0.00000	0.00055
	118	0.00270	-0.01310	0.00000	0.00000	0.00000	0.00025
	121	-0.00049	-0.01211	0.00000	0.00000	0.00000	0.00008
	122	-0.00110	-0.02586	0.00000	0.00000	0.00000	0.00044
	123	-0.00118	-0.03372	0.00000	0.00000	0.00000	0.00068
	124	0.00072	-0.02484	0.00000	0.00000	0.00000	0.00038
	125	-0.00083	-0.04266	0.00000	0.00000	0.00000	0.00079
	126	0.00107	-0.03378	0.00000	0.00000	0.00000	0.00049
	127	0.00055	-0.03138	0.00000	0.00000	0.00000	0.00037
	128	0.00246	-0.02250	0.00000	0.00000	0.00000	0.00007
	131	-0.00073	-0.01084	0.00000	0.00000	0.00000	0.00001
	132	-0.00161	-0.02809	0.00000	0.00000	0.00000	0.00046
	133	-0.00168	-0.03595	0.00000	0.00000	0.00000	0.00070
	134	0.00092	-0.02991	0.00000	0.00000	0.00000	0.00056
	135	-0.00131	-0.03635	0.00000	0.00000	0.00000	0.00081
	136	0.00059	-0.02747	0.00000	0.00000	0.00000	0.00050
	137	0.00009	-0.01914	0.00000	0.00000	0.00000	0.00039
	138	0.00199	-0.01026	0.00000	0.00000	0.00000	0.00009
4	1	-0.00002	-0.01403	0.00000	0.00000	0.00000	0.00018
	2	-0.00014	-0.01412	0.00000	0.00000	0.00000	0.00025
	3	0.00141	0.00390	0.00000	0.00000	0.00000	-0.00021
	13	0.00094	0.00257	0.00000	0.00000	0.00000	-0.00013
	4	-0.00017	-0.01797	0.00000	0.00000	0.00000	0.00032
	5	0.00210	0.00581	0.00000	0.00000	0.00000	-0.00031
	15	0.00142	0.00387	0.00000	0.00000	0.00000	-0.00020
	10	-0.00007	-0.00738	0.00000	0.00000	0.00000	0.00013
	11	-0.00004	-0.00834	0.00000	0.00000	0.00000	0.00014

JOINT DISPLACEMENT (INCH RADIANS) STRUCTURE TYPE = PLANE

JOINT	LOAD	X-TRANS	Y-TRANS	Z-TRANS	X-ROTAN	Y-ROTAN	Z-ROTAN
	18	0.00004	0.01446	0.00000	0.00000	0.00000	0.00006
	19	-0.00082	-0.00897	0.00000	0.00000	0.00000	0.00009
	20	-0.00183	0.00091	0.00000	0.00000	0.00000	-0.00011
	100	-0.00002	-0.01403	0.00000	0.00000	0.00000	0.00018
	101	0.00045	-0.01275	0.00000	0.00000	0.00000	0.00011
	102	0.00055	-0.02620	0.00000	0.00000	0.00000	0.00032
	103	0.00048	-0.03358	0.00000	0.00000	0.00000	0.00045
	104	0.00051	-0.03454	0.00000	0.00000	0.00000	0.00047
	105	-0.00034	-0.04255	0.00000	0.00000	0.00000	0.00054
	106	-0.00031	-0.04352	0.00000	0.00000	0.00000	0.00055
	107	-0.00135	-0.03267	0.00000	0.00000	0.00000	0.00034
	108	-0.00132	-0.03363	0.00000	0.00000	0.00000	0.00036
	111	0.00069	-0.01210	0.00000	0.00000	0.00000	0.00007
	112	0.00086	-0.02909	0.00000	0.00000	0.00000	0.00034
	113	0.00079	-0.03647	0.00000	0.00000	0.00000	0.00047
	114	0.00082	-0.03744	0.00000	0.00000	0.00000	0.00048
	115	-0.00001	-0.03691	0.00000	0.00000	0.00000	0.00059
	116	0.00002	-0.03788	0.00000	0.00000	0.00000	0.00060
	117	-0.00100	-0.02110	0.00000	0.00000	0.00000	0.00042
	118	-0.00097	-0.02207	0.00000	0.00000	0.00000	0.00043
	121	0.00092	-0.01146	0.00000	0.00000	0.00000	0.00004
	122	0.00125	-0.02425	0.00000	0.00000	0.00000	0.00022
	123	0.00118	-0.03163	0.00000	0.00000	0.00000	0.00035
	124	0.00122	-0.03260	0.00000	0.00000	0.00000	0.00036
	125	0.00036	-0.04060	0.00000	0.00000	0.00000	0.00044
	126	0.00040	-0.04157	0.00000	0.00000	0.00000	0.00045
	127	-0.00065	-0.03072	0.00000	0.00000	0.00000	0.00024
	128	-0.00061	-0.03168	0.00000	0.00000	0.00000	0.00025
	131	0.00140	-0.01016	0.00000	0.00000	0.00000	-0.00003
	132	0.00191	-0.02619	0.00000	0.00000	0.00000	0.00019
	133	0.00184	-0.03357	0.00000	0.00000	0.00000	0.00032
	134	0.00082	-0.03744	0.00000	0.00000	0.00000	0.00048
	135	0.00104	-0.03401	0.00000	0.00000	0.00000	0.00044
	136	0.00107	-0.03497	0.00000	0.00000	0.00000	0.00045
	137	0.00005	-0.01820	0.00000	0.00000	0.00000	0.00026
	138	0.00008	-0.01916	0.00000	0.00000	0.00000	0.00028
5	1	-0.00001	-0.00999	0.00000	0.00000	0.00000	0.00017
	2	-0.00012	-0.00858	0.00000	0.00000	0.00000	0.00023
	3	0.00127	0.00035	0.00000	0.00000	0.00000	-0.00011
	13	0.00085	0.00027	0.00000	0.00000	0.00000	-0.00007
	4	-0.00016	-0.01091	0.00000	0.00000	0.00000	0.00029
	5	0.00189	0.00052	0.00000	0.00000	0.00000	-0.00016
	15	0.00127	0.00041	0.00000	0.00000	0.00000	-0.00011
	10	-0.00006	-0.00448	0.00000	0.00000	0.00000	0.00012
	11	-0.00003	-0.00517	0.00000	0.00000	0.00000	0.00013
	18	0.00004	0.01583	0.00000	0.00000	0.00000	0.00006
	19	-0.00074	-0.00766	0.00000	0.00000	0.00000	0.00003
	20	-0.00165	-0.00311	0.00000	0.00000	0.00000	-0.00022

JOINT DISPLACEMENT (INCH RADIANS) STRUCTURE TYPE = PLANE

JOINT	LOAD	X-TRANS	Y-TRANS	Z-TRANS	X-ROTAN	Y-ROTAN	Z-ROTAN
	100	-0.00001	-0.00999	0.00000	0.00000	0.00000	0.00017
	101	0.00041	-0.00986	0.00000	0.00000	0.00000	0.00014
	102	0.00050	-0.01839	0.00000	0.00000	0.00000	0.00034
	103	0.00043	-0.02288	0.00000	0.00000	0.00000	0.00046
	104	0.00047	-0.02356	0.00000	0.00000	0.00000	0.00047
	105	-0.00031	-0.03054	0.00000	0.00000	0.00000	0.00050
	106	-0.00027	-0.03123	0.00000	0.00000	0.00000	0.00051
	107	-0.00122	-0.02598	0.00000	0.00000	0.00000	0.00024
	108	-0.00118	-0.02667	0.00000	0.00000	0.00000	0.00025
	111	0.00062	-0.00979	0.00000	0.00000	0.00000	0.00012
	112	0.00077	-0.02065	0.00000	0.00000	0.00000	0.00038
	113	0.00071	-0.02513	0.00000	0.00000	0.00000	0.00050
	114	0.00075	-0.02582	0.00000	0.00000	0.00000	0.00051
	115	-0.00001	-0.02345	0.00000	0.00000	0.00000	0.00057
	116	0.00003	-0.02414	0.00000	0.00000	0.00000	0.00058
	117	-0.00090	-0.01241	0.00000	0.00000	0.00000	0.00034
	118	-0.00087	-0.01310	0.00000	0.00000	0.00000	0.00035
	121	0.00083	-0.00972	0.00000	0.00000	0.00000	0.00010
	122	0.00113	-0.01822	0.00000	0.00000	0.00000	0.00029
	123	0.00106	-0.02270	0.00000	0.00000	0.00000	0.00041
	124	0.00110	-0.02339	0.00000	0.00000	0.00000	0.00042
	125	0.00032	-0.03036	0.00000	0.00000	0.00000	0.00044
	126	0.00036	-0.03105	0.00000	0.00000	0.00000	0.00045
	127	-0.00058	-0.02581	0.00000	0.00000	0.00000	0.00019
	128	-0.00055	-0.02650	0.00000	0.00000	0.00000	0.00020
	131	0.00126	-0.00958	0.00000	0.00000	0.00000	0.00006
	132	0.00172	-0.02039	0.00000	0.00000	0.00000	0.00030
	133	0.00165	-0.02487	0.00000	0.00000	0.00000	0.00042
	134	0.00075	-0.02582	0.00000	0.00000	0.00000	0.00051
	135	0.00093	-0.02319	0.00000	0.00000	0.00000	0.00048
	136	0.00097	-0.02388	0.00000	0.00000	0.00000	0.00050
	137	0.00004	-0.01215	0.00000	0.00000	0.00000	0.00025
	138	0.00008	-0.01284	0.00000	0.00000	0.00000	0.00027
6	1	-0.00001	-0.00653	0.00000	0.00000	0.00000	0.00013
	2	-0.00011	-0.00409	0.00000	0.00000	0.00000	0.00016
	3	0.00113	-0.00132	0.00000	0.00000	0.00000	-0.00004
	13	0.00075	-0.00082	0.00000	0.00000	0.00000	-0.00003
	4	-0.00014	-0.00521	0.00000	0.00000	0.00000	0.00021
	5	0.00168	-0.00196	0.00000	0.00000	0.00000	-0.00006
	15	0.00113	-0.00123	0.00000	0.00000	0.00000	-0.00004
	10	-0.00006	-0.00214	0.00000	0.00000	0.00000	0.00009
	11	-0.00002	-0.00259	0.00000	0.00000	0.00000	0.00010
	18	0.00003	0.01702	0.00000	0.00000	0.00000	0.00005
	19	-0.00066	-0.00729	0.00000	0.00000	0.00000	0.00000
	20	-0.00146	-0.00820	0.00000	0.00000	0.00000	-0.00022
	100	-0.00001	-0.00653	0.00000	0.00000	0.00000	0.00013
	101	0.00036	-0.00694	0.00000	0.00000	0.00000	0.00012
	102	0.00044	-0.01129	0.00000	0.00000	0.00000	0.00027

JOINT DISPLACEMENT (INCH RADIANS) STRUCTURE TYPE = PLANE

JOINT	LOAD	X-TRANS	Y-TRANS	Z-TRANS	X-ROTAN	Y-ROTAN	Z-ROTAN
	103	0.00038	-0.01342	0.00000	0.00000	0.00000	0.00036
	104	0.00042	-0.01387	0.00000	0.00000	0.00000	0.00037
	105	-0.00027	-0.02072	0.00000	0.00000	0.00000	0.00036
	106	-0.00024	-0.02117	0.00000	0.00000	0.00000	0.00037
	107	-0.00108	-0.02162	0.00000	0.00000	0.00000	0.00014
	108	-0.00104	-0.02207	0.00000	0.00000	0.00000	0.00015
	111	0.00055	-0.00715	0.00000	0.00000	0.00000	0.00011
	112	0.00069	-0.01272	0.00000	0.00000	0.00000	0.00031
	113	0.00063	-0.01486	0.00000	0.00000	0.00000	0.00039
	114	0.00067	-0.01531	0.00000	0.00000	0.00000	0.00040
	115	-0.00001	-0.01212	0.00000	0.00000	0.00000	0.00042
	116	0.00003	-0.01256	0.00000	0.00000	0.00000	0.00043
	117	-0.00080	-0.00604	0.00000	0.00000	0.00000	0.00022
	118	-0.00076	-0.00649	0.00000	0.00000	0.00000	0.00023
	121	0.00074	-0.00735	0.00000	0.00000	0.00000	0.00010
	122	0.00100	-0.01194	0.00000	0.00000	0.00000	0.00025
	123	0.00095	-0.01408	0.00000	0.00000	0.00000	0.00034
	124	0.00098	-0.01453	0.00000	0.00000	0.00000	0.00035
	125	0.00029	-0.02138	0.00000	0.00000	0.00000	0.00034
	126	0.00033	-0.02182	0.00000	0.00000	0.00000	0.00035
	127	-0.00052	-0.02228	0.00000	0.00000	0.00000	0.00012
	128	-0.00048	-0.02273	0.00000	0.00000	0.00000	0.00013
	131	0.00112	-0.00776	0.00000	0.00000	0.00000	0.00009
	132	0.00153	-0.01371	0.00000	0.00000	0.00000	0.00028
	133	0.00147	-0.01585	0.00000	0.00000	0.00000	0.00036
	134	0.00067	-0.01531	0.00000	0.00000	0.00000	0.00040
	135	0.00083	-0.01310	0.00000	0.00000	0.00000	0.00039
	136	0.00087	-0.01355	0.00000	0.00000	0.00000	0.00040
	137	0.00004	-0.00702	0.00000	0.00000	0.00000	0.00019
	138	0.00007	-0.00747	0.00000	0.00000	0.00000	0.00020
7	1	-0.00001	-0.00417	0.00000	0.00000	0.00000	0.00008
	2	-0.00010	-0.00119	0.00000	0.00000	0.00000	0.00009
	3	0.00099	-0.00177	0.00000	0.00000	0.00000	0.00000
	13	0.00066	-0.00112	0.00000	0.00000	0.00000	0.00000
	4	-0.00012	-0.00151	0.00000	0.00000	0.00000	0.00012
	5	0.00147	-0.00264	0.00000	0.00000	0.00000	0.00000
	15	0.00099	-0.00169	0.00000	0.00000	0.00000	0.00000
	10	-0.00005	-0.00062	0.00000	0.00000	0.00000	0.00005
	11	-0.00001	-0.00085	0.00000	0.00000	0.00000	0.00006
	18	0.00003	0.01787	0.00000	0.00000	0.00000	0.00003
	19	-0.00058	-0.00743	0.00000	0.00000	0.00000	-0.00001
	20	-0.00128	-0.01248	0.00000	0.00000	0.00000	-0.00016
	100	-0.00001	-0.00417	0.00000	0.00000	0.00000	0.00008
	101	0.00032	-0.00473	0.00000	0.00000	0.00000	0.00008
	102	0.00039	-0.00624	0.00000	0.00000	0.00000	0.00017
	103	0.00034	-0.00686	0.00000	0.00000	0.00000	0.00022
	104	0.00038	-0.00709	0.00000	0.00000	0.00000	0.00023
	105	-0.00024	-0.01429	0.00000	0.00000	0.00000	0.00020

JOINT DISPLACEMENT (INCH RADIANS) STRUCTURE TYPE = PLANE

JOINT	LOAD	X-TRANS	Y-TRANS	Z-TRANS	X-ROTAN	Y-ROTAN	Z-ROTAN
	106	-0.00020	-0.01452	0.00000	0.00000	0.00000	0.00021
	107	-0.00095	-0.01934	0.00000	0.00000	0.00000	0.00006
	108	-0.00091	-0.01957	0.00000	0.00000	0.00000	0.00007
	111	0.00048	-0.00501	0.00000	0.00000	0.00000	0.00008
	112	0.00060	-0.00700	0.00000	0.00000	0.00000	0.00019
	113	0.00055	-0.00762	0.00000	0.00000	0.00000	0.00024
	114	0.00059	-0.00785	0.00000	0.00000	0.00000	0.00025
	115	-0.00001	-0.00450	0.00000	0.00000	0.00000	0.00025
	116	0.00003	-0.00474	0.00000	0.00000	0.00000	0.00026
	117	-0.00070	-0.00223	0.00000	0.00000	0.00000	0.00012
	118	-0.00066	-0.00246	0.00000	0.00000	0.00000	0.00012
	121	0.00065	-0.00529	0.00000	0.00000	0.00000	0.00008
	122	0.00088	-0.00712	0.00000	0.00000	0.00000	0.00017
	123	0.00083	-0.00774	0.00000	0.00000	0.00000	0.00022
	124	0.00087	-0.00797	0.00000	0.00000	0.00000	0.00023
	125	0.00025	-0.01517	0.00000	0.00000	0.00000	0.00020
	126	0.00029	-0.01541	0.00000	0.00000	0.00000	0.00021
	127	-0.00045	-0.02022	0.00000	0.00000	0.00000	0.00006
	128	-0.00041	-0.02045	0.00000	0.00000	0.00000	0.00007
	131	0.00098	-0.00586	0.00000	0.00000	0.00000	0.00008
	132	0.00134	-0.00832	0.00000	0.00000	0.00000	0.00019
	133	0.00129	-0.00894	0.00000	0.00000	0.00000	0.00024
	134	0.00059	-0.00785	0.00000	0.00000	0.00000	0.00025
	135	0.00073	-0.00582	0.00000	0.00000	0.00000	0.00025
	136	0.00077	-0.00606	0.00000	0.00000	0.00000	0.00025
	137	0.00003	-0.00355	0.00000	0.00000	0.00000	0.00011
	138	0.00007	-0.00378	0.00000	0.00000	0.00000	0.00012
8	1	-0.00001	-0.00297	0.00000	0.00000	0.00000	0.00003
	2	-0.00008	0.00009	0.00000	0.00000	0.00000	0.00002
	3	0.00084	-0.00156	0.00000	0.00000	0.00000	0.00002
	13	0.00056	-0.00100	0.00000	0.00000	0.00000	0.00001
	4	-0.00010	0.00012	0.00000	0.00000	0.00000	0.00003
	5	0.00126	-0.00233	0.00000	0.00000	0.00000	0.00003
	15	0.00085	-0.00150	0.00000	0.00000	0.00000	0.00002
	10	-0.00004	0.00005	0.00000	0.00000	0.00000	0.00001
	11	0.00000	0.00006	0.00000	0.00000	0.00000	0.00002
	18	0.00002	0.01838	0.00000	0.00000	0.00000	0.00002
	19	-0.00049	-0.00777	0.00000	0.00000	0.00000	-0.00002
	20	-0.00110	-0.01509	0.00000	0.00000	0.00000	-0.00007
	100	-0.00001	-0.00297	0.00000	0.00000	0.00000	0.00003
	101	0.00027	-0.00347	0.00000	0.00000	0.00000	0.00003
	102	0.00033	-0.00366	0.00000	0.00000	0.00000	0.00006
	103	0.00029	-0.00361	0.00000	0.00000	0.00000	0.00007
	104	0.00033	-0.00360	0.00000	0.00000	0.00000	0.00008
	105	-0.00021	-0.01138	0.00000	0.00000	0.00000	0.00005
	106	-0.00016	-0.01137	0.00000	0.00000	0.00000	0.00007
	107	-0.00081	-0.01870	0.00000	0.00000	0.00000	0.00000
	108	-0.00077	-0.01869	0.00000	0.00000	0.00000	0.00001

JOINT DISPLACEMENT (INCH RADIANS) STRUCTURE TYPE = PLANE

JOINT	LOAD	X-TRANS	Y-TRANS	Z-TRANS	X-ROTAN	Y-ROTAN	Z-ROTAN
	111	0.00041	-0.00372	0.00000	0.00000	0.00000	0.00004
	112	0.00052	-0.00402	0.00000	0.00000	0.00000	0.00007
	113	0.00047	-0.00397	0.00000	0.00000	0.00000	0.00008
	114	0.00051	-0.00396	0.00000	0.00000	0.00000	0.00009
	115	-0.00001	-0.00090	0.00000	0.00000	0.00000	0.00007
	116	0.00003	-0.00089	0.00000	0.00000	0.00000	0.00009
	117	-0.00060	-0.00068	0.00000	0.00000	0.00000	0.00002
	118	-0.00056	-0.00067	0.00000	0.00000	0.00000	0.00004
	121	0.00055	-0.00397	0.00000	0.00000	0.00000	0.00004
	122	0.00075	-0.00444	0.00000	0.00000	0.00000	0.00007
	123	0.00071	-0.00439	0.00000	0.00000	0.00000	0.00008
	124	0.00075	-0.00438	0.00000	0.00000	0.00000	0.00009
	125	0.00022	-0.01217	0.00000	0.00000	0.00000	0.00006
	126	0.00026	-0.01215	0.00000	0.00000	0.00000	0.00007
	127	-0.00039	-0.01948	0.00000	0.00000	0.00000	0.00001
	128	-0.00035	-0.01947	0.00000	0.00000	0.00000	0.00002
	131	0.00084	-0.00448	0.00000	0.00000	0.00000	0.00004
	132	0.00114	-0.00518	0.00000	0.00000	0.00000	0.00008
	133	0.00110	-0.00514	0.00000	0.00000	0.00000	0.00009
	134	0.00051	-0.00396	0.00000	0.00000	0.00000	0.00009
	135	0.00062	-0.00206	0.00000	0.00000	0.00000	0.00009
	136	0.00066	-0.00205	0.00000	0.00000	0.00000	0.00010
	137	0.00003	-0.00185	0.00000	0.00000	0.00000	0.00004
	138	0.00007	-0.00183	0.00000	0.00000	0.00000	0.00005
9	1	-0.00001	-0.00286	0.00000	0.00000	0.00000	-0.00002
	2	-0.00007	-0.00015	0.00000	0.00000	0.00000	-0.00004
	3	0.00070	-0.00106	0.00000	0.00000	0.00000	0.00002
	13	0.00047	-0.00069	0.00000	0.00000	0.00000	0.00002
	4	-0.00009	-0.00020	0.00000	0.00000	0.00000	-0.00005
	5	0.00105	-0.00159	0.00000	0.00000	0.00000	0.00004
	15	0.00071	-0.00104	0.00000	0.00000	0.00000	0.00002
	10	-0.00004	-0.00008	0.00000	0.00000	0.00000	-0.00002
	11	0.00001	0.00029	0.00000	0.00000	0.00000	0.00000
	18	0.00002	0.01862	0.00000	0.00000	0.00000	0.00001
	19	-0.00041	-0.00815	0.00000	0.00000	0.00000	-0.00002
	20	-0.00091	-0.01570	0.00000	0.00000	0.00000	0.00002
	100	-0.00001	-0.00286	0.00000	0.00000	0.00000	-0.00002
	101	0.00023	-0.00321	0.00000	0.00000	0.00000	-0.00001
	102	0.00028	-0.00355	0.00000	0.00000	0.00000	-0.00005
	103	0.00024	-0.00363	0.00000	0.00000	0.00000	-0.00007
	104	0.00028	-0.00326	0.00000	0.00000	0.00000	-0.00005
	105	-0.00017	-0.01177	0.00000	0.00000	0.00000	-0.00009
	106	-0.00013	-0.01140	0.00000	0.00000	0.00000	-0.00007
	107	-0.00068	-0.01933	0.00000	0.00000	0.00000	-0.00005
	108	-0.00063	-0.01896	0.00000	0.00000	0.00000	-0.00003
	111	0.00035	-0.00338	0.00000	0.00000	0.00000	-0.00001
	112	0.00043	-0.00385	0.00000	0.00000	0.00000	-0.00005
	113	0.00039	-0.00393	0.00000	0.00000	0.00000	-0.00008

JOINT DISPLACEMENT (INCH RADIANS) STRUCTURE TYPE = PLANE

JOINT	LOAD	X-TRANS	Y-TRANS	Z-TRANS	X-ROTAN	Y-ROTAN	Z-ROTAN
	114	0.00044	-0.00356	0.00000	0.00000	0.00000	-0.00006
	115	-0.00001	-0.00109	0.00000	0.00000	0.00000	-0.00009
	116	0.00004	-0.00072	0.00000	0.00000	0.00000	-0.00007
	117	-0.00050	-0.00102	0.00000	0.00000	0.00000	-0.00005
	118	-0.00046	-0.00064	0.00000	0.00000	0.00000	-0.00003
	121	0.00046	-0.00355	0.00000	0.00000	0.00000	0.00000
	122	0.00063	-0.00408	0.00000	0.00000	0.00000	-0.00004
	123	0.00059	-0.00416	0.00000	0.00000	0.00000	-0.00006
	124	0.00063	-0.00379	0.00000	0.00000	0.00000	-0.00004
	125	0.00018	-0.01231	0.00000	0.00000	0.00000	-0.00007
	126	0.00022	-0.01193	0.00000	0.00000	0.00000	-0.00005
	127	-0.00032	-0.01986	0.00000	0.00000	0.00000	-0.00004
	128	-0.00028	-0.01949	0.00000	0.00000	0.00000	-0.00002
	131	0.00070	-0.00390	0.00000	0.00000	0.00000	0.00001
	132	0.00095	-0.00464	0.00000	0.00000	0.00000	-0.00003
	133	0.00092	-0.00472	0.00000	0.00000	0.00000	-0.00006
	134	0.00044	-0.00356	0.00000	0.00000	0.00000	-0.00006
	135	0.00052	-0.00189	0.00000	0.00000	0.00000	-0.00007
	136	0.00056	-0.00151	0.00000	0.00000	0.00000	-0.00005
	137	0.00002	-0.00181	0.00000	0.00000	0.00000	-0.00003
	138	0.00007	-0.00144	0.00000	0.00000	0.00000	-0.00001
10	1	-0.00001	-0.00371	0.00000	0.00000	0.00000	-0.00006
	2	-0.00005	-0.00180	0.00000	0.00000	0.00000	-0.00010
	3	0.00056	-0.00049	0.00000	0.00000	0.00000	0.00003
	13	0.00038	-0.00033	0.00000	0.00000	0.00000	0.00002
	4	-0.00007	-0.00229	0.00000	0.00000	0.00000	-0.00013
	5	0.00084	-0.00073	0.00000	0.00000	0.00000	0.00004
	15	0.00057	-0.00049	0.00000	0.00000	0.00000	0.00002
	10	-0.00003	-0.00094	0.00000	0.00000	0.00000	-0.00005
	11	0.00002	-0.00002	0.00000	0.00000	0.00000	-0.00002
	18	0.00002	0.01868	0.00000	0.00000	0.00000	0.00000
	19	-0.00033	-0.00848	0.00000	0.00000	0.00000	-0.00001
	20	-0.00073	-0.01428	0.00000	0.00000	0.00000	0.00011
	100	-0.00001	-0.00371	0.00000	0.00000	0.00000	-0.00006
	101	0.00018	-0.00387	0.00000	0.00000	0.00000	-0.00005
	102	0.00022	-0.00575	0.00000	0.00000	0.00000	-0.00014
	103	0.00019	-0.00669	0.00000	0.00000	0.00000	-0.00020
	104	0.00024	-0.00577	0.00000	0.00000	0.00000	-0.00017
	105	-0.00014	-0.01517	0.00000	0.00000	0.00000	-0.00021
	106	-0.00009	-0.01425	0.00000	0.00000	0.00000	-0.00018
	107	-0.00054	-0.02097	0.00000	0.00000	0.00000	-0.00009
	108	-0.00050	-0.02005	0.00000	0.00000	0.00000	-0.00006
	111	0.00028	-0.00396	0.00000	0.00000	0.00000	-0.00004
	112	0.00034	-0.00636	0.00000	0.00000	0.00000	-0.00017
	113	0.00031	-0.00730	0.00000	0.00000	0.00000	-0.00022
	114	0.00036	-0.00638	0.00000	0.00000	0.00000	-0.00019
	115	0.00000	-0.00476	0.00000	0.00000	0.00000	-0.00023
	116	0.00004	-0.00384	0.00000	0.00000	0.00000	-0.00020

JOINT DISPLACEMENT (INCH RADIANS) STRUCTURE TYPE = PLANE

JOINT	LOAD	X-TRANS	Y-TRANS	Z-TRANS	X-ROTAN	Y-ROTAN	Z-ROTAN
	117	-0.00040	-0.00290	0.00000	0.00000	0.00000	-0.00011
	118	-0.00036	-0.00198	0.00000	0.00000	0.00000	-0.00008
	121	0.00037	-0.00404	0.00000	0.00000	0.00000	-0.00004
	122	0.00050	-0.00599	0.00000	0.00000	0.00000	-0.00013
	123	0.00047	-0.00693	0.00000	0.00000	0.00000	-0.00019
	124	0.00052	-0.00602	0.00000	0.00000	0.00000	-0.00016
	125	0.00014	-0.01541	0.00000	0.00000	0.00000	-0.00020
	126	0.00019	-0.01449	0.00000	0.00000	0.00000	-0.00017
	127	-0.00026	-0.02121	0.00000	0.00000	0.00000	-0.00008
	128	-0.00021	-0.02030	0.00000	0.00000	0.00000	-0.00005
	131	0.00056	-0.00420	0.00000	0.00000	0.00000	-0.00003
	132	0.00076	-0.00672	0.00000	0.00000	0.00000	-0.00015
	133	0.00073	-0.00766	0.00000	0.00000	0.00000	-0.00020
	134	0.00036	-0.00638	0.00000	0.00000	0.00000	-0.00019
	135	0.00041	-0.00512	0.00000	0.00000	0.00000	-0.00021
	136	0.00046	-0.00420	0.00000	0.00000	0.00000	-0.00018
	137	0.00002	-0.00326	0.00000	0.00000	0.00000	-0.00009
	138	0.00006	-0.00234	0.00000	0.00000	0.00000	-0.00007
11	1	0.00000	-0.00536	0.00000	0.00000	0.00000	-0.00009
	2	-0.00004	-0.00468	0.00000	0.00000	0.00000	-0.00015
	3	0.00042	0.00007	0.00000	0.00000	0.00000	0.00002
	13	0.00028	0.00002	0.00000	0.00000	0.00000	0.00001
	4	-0.00005	-0.00595	0.00000	0.00000	0.00000	-0.00019
	5	0.00063	0.00011	0.00000	0.00000	0.00000	0.00004
	15	0.00042	0.00003	0.00000	0.00000	0.00000	0.00002
	10	-0.00002	-0.00244	0.00000	0.00000	0.00000	-0.00008
	11	0.00002	-0.00076	0.00000	0.00000	0.00000	-0.00004
	18	0.00001	0.01864	0.00000	0.00000	0.00000	0.00000
	19	-0.00025	-0.00875	0.00000	0.00000	0.00000	-0.00001
	20	-0.00055	-0.01099	0.00000	0.00000	0.00000	0.00018
	100	0.00000	-0.00536	0.00000	0.00000	0.00000	-0.00009
	101	0.00014	-0.00535	0.00000	0.00000	0.00000	-0.00008
	102	0.00017	-0.01000	0.00000	0.00000	0.00000	-0.00023
	103	0.00014	-0.01244	0.00000	0.00000	0.00000	-0.00030
	104	0.00019	-0.01076	0.00000	0.00000	0.00000	-0.00027
	105	-0.00010	-0.02120	0.00000	0.00000	0.00000	-0.00031
	106	-0.00006	-0.01951	0.00000	0.00000	0.00000	-0.00028
	107	-0.00041	-0.02344	0.00000	0.00000	0.00000	-0.00012
	108	-0.00036	-0.02175	0.00000	0.00000	0.00000	-0.00009
	111	0.00021	-0.00534	0.00000	0.00000	0.00000	-0.00008
	112	0.00026	-0.01126	0.00000	0.00000	0.00000	-0.00026
	113	0.00024	-0.01370	0.00000	0.00000	0.00000	-0.00034
	114	0.00028	-0.01201	0.00000	0.00000	0.00000	-0.00030
	115	0.00000	-0.01146	0.00000	0.00000	0.00000	-0.00035
	116	0.00004	-0.00977	0.00000	0.00000	0.00000	-0.00031
	117	-0.00030	-0.00605	0.00000	0.00000	0.00000	-0.00016
	118	-0.00026	-0.00436	0.00000	0.00000	0.00000	-0.00012
	121	0.00028	-0.00534	0.00000	0.00000	0.00000	-0.00007

JOINT DISPLACEMENT (INCH RADIANS) STRUCTURE TYPE = PLANE

JOINT	LOAD	X-TRANS	Y-TRANS	Z-TRANS	X-ROTAN	Y-ROTAN	Z-ROTAN
	122	0.00038	-0.00996	0.00000	0.00000	0.00000	-0.00021
	123	0.00035	-0.01241	0.00000	0.00000	0.00000	-0.00029
	124	0.00040	-0.01072	0.00000	0.00000	0.00000	-0.00025
	125	0.00011	-0.02116	0.00000	0.00000	0.00000	-0.00030
	126	0.00015	-0.01947	0.00000	0.00000	0.00000	-0.00026
	127	-0.00019	-0.02340	0.00000	0.00000	0.00000	-0.00011
	128	-0.00015	-0.02171	0.00000	0.00000	0.00000	-0.00007
	131	0.00042	-0.00533	0.00000	0.00000	0.00000	-0.00007
	132	0.00057	-0.01120	0.00000	0.00000	0.00000	-0.00024
	133	0.00055	-0.01365	0.00000	0.00000	0.00000	-0.00032
	134	0.00028	-0.01201	0.00000	0.00000	0.00000	-0.00030
	135	0.00031	-0.01140	0.00000	0.00000	0.00000	-0.00033
	136	0.00036	-0.00971	0.00000	0.00000	0.00000	-0.00030
	137	0.00001	-0.00600	0.00000	0.00000	0.00000	-0.00014
	138	0.00006	-0.00431	0.00000	0.00000	0.00000	-0.00011
12	1	0.00000	-0.00755	0.00000	0.00000	0.00000	-0.00010
	2	-0.00003	-0.00841	0.00000	0.00000	0.00000	-0.00017
	3	0.00028	0.00058	0.00000	0.00000	0.00000	0.00002
	13	0.00019	0.00033	0.00000	0.00000	0.00000	0.00001
	4	-0.00003	-0.01070	0.00000	0.00000	0.00000	-0.00022
	5	0.00042	0.00086	0.00000	0.00000	0.00000	0.00003
	15	0.00028	0.00050	0.00000	0.00000	0.00000	0.00002
	10	-0.00001	-0.00439	0.00000	0.00000	0.00000	-0.00009
	11	0.00003	-0.00178	0.00000	0.00000	0.00000	-0.00005
	18	0.00001	0.01856	0.00000	0.00000	0.00000	0.00000
	19	-0.00016	-0.00897	0.00000	0.00000	0.00000	-0.00001
	20	-0.00037	-0.00638	0.00000	0.00000	0.00000	0.00022
	100	0.00000	-0.00755	0.00000	0.00000	0.00000	-0.00010
	101	0.00009	-0.00738	0.00000	0.00000	0.00000	-0.00010
	102	0.00011	-0.01567	0.00000	0.00000	0.00000	-0.00026
	103	0.00010	-0.02006	0.00000	0.00000	0.00000	-0.00035
	104	0.00014	-0.01745	0.00000	0.00000	0.00000	-0.00031
	105	-0.00007	-0.02903	0.00000	0.00000	0.00000	-0.00036
	106	-0.00002	-0.02642	0.00000	0.00000	0.00000	-0.00032
	107	-0.00027	-0.02644	0.00000	0.00000	0.00000	-0.00014
	108	-0.00022	-0.02382	0.00000	0.00000	0.00000	-0.00009
	111	0.00014	-0.00730	0.00000	0.00000	0.00000	-0.00009
	112	0.00017	-0.01782	0.00000	0.00000	0.00000	-0.00031
	113	0.00016	-0.02221	0.00000	0.00000	0.00000	-0.00040
	114	0.00020	-0.01960	0.00000	0.00000	0.00000	-0.00036
	115	0.00000	-0.02023	0.00000	0.00000	0.00000	-0.00041
	116	0.00004	-0.01762	0.00000	0.00000	0.00000	-0.00037
	117	-0.00020	-0.01003	0.00000	0.00000	0.00000	-0.00018
	118	-0.00015	-0.00741	0.00000	0.00000	0.00000	-0.00014
	121	0.00018	-0.00722	0.00000	0.00000	0.00000	-0.00009
	122	0.00025	-0.01538	0.00000	0.00000	0.00000	-0.00025
	123	0.00024	-0.01977	0.00000	0.00000	0.00000	-0.00034
	124	0.00028	-0.01716	0.00000	0.00000	0.00000	-0.00030

JOINT DISPLACEMENT (INCH RADIANS) STRUCTURE TYPE = PLANE

JOINT	LOAD	X-TRANS	Y-TRANS	Z-TRANS	X-ROTAN	Y-ROTAN	Z-ROTAN
	125	0.00007	-0.02875	0.00000	0.00000	0.00000	-0.00035
	126	0.00012	-0.02613	0.00000	0.00000	0.00000	-0.00031
	127	-0.00013	-0.02615	0.00000	0.00000	0.00000	-0.00013
	128	-0.00008	-0.02353	0.00000	0.00000	0.00000	-0.00008
	131	0.00028	-0.00705	0.00000	0.00000	0.00000	-0.00008
	132	0.00038	-0.01739	0.00000	0.00000	0.00000	-0.00029
	133	0.00037	-0.02178	0.00000	0.00000	0.00000	-0.00038
	134	0.00020	-0.01960	0.00000	0.00000	0.00000	-0.00036
	135	0.00021	-0.01981	0.00000	0.00000	0.00000	-0.00039
	136	0.00025	-0.01719	0.00000	0.00000	0.00000	-0.00035
	137	0.00001	-0.00960	0.00000	0.00000	0.00000	-0.00017
	138	0.00006	-0.00698	0.00000	0.00000	0.00000	-0.00013
13	1	0.00000	-0.00971	0.00000	0.00000	0.00000	-0.00008
	2	-0.00001	-0.01209	0.00000	0.00000	0.00000	-0.00014
	3	0.00014	0.00097	0.00000	0.00000	0.00000	0.00001
	13	0.00009	0.00057	0.00000	0.00000	0.00000	0.00001
	4	-0.00002	-0.01539	0.00000	0.00000	0.00000	-0.00018
	5	0.00021	0.00144	0.00000	0.00000	0.00000	0.00002
	15	0.00014	0.00086	0.00000	0.00000	0.00000	0.00001
	10	-0.00001	-0.00632	0.00000	0.00000	0.00000	-0.00007
	11	0.00004	-0.00288	0.00000	0.00000	0.00000	-0.00004
	18	0.00000	0.01849	0.00000	0.00000	0.00000	0.00000
	19	-0.00008	-0.00914	0.00000	0.00000	0.00000	-0.00001
	20	-0.00018	-0.00167	0.00000	0.00000	0.00000	0.00018
	100	0.00000	-0.00971	0.00000	0.00000	0.00000	-0.00008
	101	0.00005	-0.00943	0.00000	0.00000	0.00000	-0.00008
	102	0.00006	-0.02132	0.00000	0.00000	0.00000	-0.00021
	103	0.00005	-0.02764	0.00000	0.00000	0.00000	-0.00029
	104	0.00010	-0.02420	0.00000	0.00000	0.00000	-0.00026
	105	-0.00003	-0.03678	0.00000	0.00000	0.00000	-0.00029
	106	0.00001	-0.03333	0.00000	0.00000	0.00000	-0.00026
	107	-0.00014	-0.02931	0.00000	0.00000	0.00000	-0.00011
	108	-0.00009	-0.02587	0.00000	0.00000	0.00000	-0.00008
	111	0.00007	-0.00928	0.00000	0.00000	0.00000	-0.00008
	112	0.00009	-0.02438	0.00000	0.00000	0.00000	-0.00025
	113	0.00008	-0.03070	0.00000	0.00000	0.00000	-0.00032
	114	0.00013	-0.02726	0.00000	0.00000	0.00000	-0.00029
	115	0.00000	-0.02893	0.00000	0.00000	0.00000	-0.00033
	116	0.00005	-0.02549	0.00000	0.00000	0.00000	-0.00030
	117	-0.00010	-0.01388	0.00000	0.00000	0.00000	-0.00014
	118	-0.00005	-0.01044	0.00000	0.00000	0.00000	-0.00012
	121	0.00009	-0.00914	0.00000	0.00000	0.00000	-0.00007
	122	0.00013	-0.02084	0.00000	0.00000	0.00000	-0.00021
	123	0.00012	-0.02716	0.00000	0.00000	0.00000	-0.00028
	124	0.00017	-0.02371	0.00000	0.00000	0.00000	-0.00025
	125	0.00004	-0.03629	0.00000	0.00000	0.00000	-0.00029
	126	0.00008	-0.03285	0.00000	0.00000	0.00000	-0.00026
	127	-0.00006	-0.02883	0.00000	0.00000	0.00000	-0.00010

JOINT DISPLACEMENT (INCH RADIANS) STRUCTURE TYPE = PLANE

JOINT	LOAD	X-TRANS	Y-TRANS	Z-TRANS	X-ROTAN	Y-ROTAN	Z-ROTAN
	128	-0.00002	-0.02539	0.00000	0.00000	0.00000	-0.00007
	131	0.00014	-0.00886	0.00000	0.00000	0.00000	-0.00007
	132	0.00019	-0.02366	0.00000	0.00000	0.00000	-0.00024
	133	0.00018	-0.02998	0.00000	0.00000	0.00000	-0.00031
	134	0.00013	-0.02726	0.00000	0.00000	0.00000	-0.00029
	135	0.00010	-0.02821	0.00000	0.00000	0.00000	-0.00032
	136	0.00015	-0.02477	0.00000	0.00000	0.00000	-0.00029
	137	0.00000	-0.01316	0.00000	0.00000	0.00000	-0.00013
	138	0.00005	-0.00972	0.00000	0.00000	0.00000	-0.00011
14	1	0.00000	-0.01079	0.00000	0.00000	0.00000	0.00000
	2	0.00000	-0.01392	0.00000	0.00000	0.00000	0.00000
	3	0.00000	0.00114	0.00000	0.00000	0.00000	0.00000
	13	0.00000	0.00067	0.00000	0.00000	0.00000	0.00000
	4	0.00000	-0.01772	0.00000	0.00000	0.00000	0.00000
	5	0.00000	0.00170	0.00000	0.00000	0.00000	0.00000
	15	0.00000	0.00101	0.00000	0.00000	0.00000	0.00000
	10	0.00000	-0.00728	0.00000	0.00000	0.00000	0.00000
	11	0.00005	-0.00364	0.00000	0.00000	0.00000	-0.00002
	18	0.00000	0.01845	0.00000	0.00000	0.00000	0.00000
	19	0.00000	-0.00921	0.00000	0.00000	0.00000	0.00000
	20	0.00000	0.00070	0.00000	0.00000	0.00000	0.00000
	100	0.00000	-0.01079	0.00000	0.00000	0.00000	0.00000
	101	0.00000	-0.01045	0.00000	0.00000	0.00000	0.00000
	102	0.00000	-0.02414	0.00000	0.00000	0.00000	0.00000
	103	0.00000	-0.03142	0.00000	0.00000	0.00000	0.00000
	104	0.00005	-0.02778	0.00000	0.00000	0.00000	-0.00002
	105	0.00000	-0.04063	0.00000	0.00000	0.00000	0.00000
	106	0.00005	-0.03699	0.00000	0.00000	0.00000	-0.00002
	107	0.00000	-0.03072	0.00000	0.00000	0.00000	0.00000
	108	0.00005	-0.02708	0.00000	0.00000	0.00000	-0.00002
	111	0.00000	-0.01028	0.00000	0.00000	0.00000	0.00000
	112	0.00000	-0.02766	0.00000	0.00000	0.00000	0.00000
	113	0.00000	-0.03494	0.00000	0.00000	0.00000	0.00000
	114	0.00005	-0.03130	0.00000	0.00000	0.00000	-0.00002
	115	0.00000	-0.03325	0.00000	0.00000	0.00000	0.00000
	116	0.00005	-0.02962	0.00000	0.00000	0.00000	-0.00002
	117	0.00000	-0.01578	0.00000	0.00000	0.00000	0.00000
	118	0.00005	-0.01214	0.00000	0.00000	0.00000	-0.00002
	121	0.00000	-0.01012	0.00000	0.00000	0.00000	0.00000
	122	0.00000	-0.02357	0.00000	0.00000	0.00000	0.00000
	123	0.00000	-0.03085	0.00000	0.00000	0.00000	0.00000
	124	0.00005	-0.02721	0.00000	0.00000	0.00000	-0.00002
	125	0.00000	-0.04006	0.00000	0.00000	0.00000	0.00000
	126	0.00005	-0.03642	0.00000	0.00000	0.00000	-0.00002
	127	0.00000	-0.03015	0.00000	0.00000	0.00000	0.00000
	128	0.00005	-0.02651	0.00000	0.00000	0.00000	-0.00002
	131	0.00000	-0.00978	0.00000	0.00000	0.00000	0.00000
	132	0.00000	-0.02681	0.00000	0.00000	0.00000	0.00000

JOINT DISPLACEMENT (INCH RADIANS) STRUCTURE TYPE = PLANE

JOINT	LOAD	X-TRANS	Y-TRANS	Z-TRANS	X-ROTAN	Y-ROTAN	Z-ROTAN
	133	0.00000	-0.03409	0.00000	0.00000	0.00000	0.00000
	134	0.00005	-0.03130	0.00000	0.00000	0.00000	-0.00002
	135	0.00000	-0.03241	0.00000	0.00000	0.00000	0.00000
	136	0.00005	-0.02877	0.00000	0.00000	0.00000	-0.00002
	137	0.00000	-0.01493	0.00000	0.00000	0.00000	0.00000
	138	0.00005	-0.01130	0.00000	0.00000	0.00000	-0.00002
15	1	0.00000	-0.00971	0.00000	0.00000	0.00000	0.00008
	2	0.00001	-0.01209	0.00000	0.00000	0.00000	0.00014
	3	-0.00014	0.00097	0.00000	0.00000	0.00000	-0.00001
	13	-0.00009	0.00057	0.00000	0.00000	0.00000	-0.00001
	4	0.00002	-0.01539	0.00000	0.00000	0.00000	0.00018
	5	-0.00021	0.00144	0.00000	0.00000	0.00000	-0.00002
	15	-0.00014	0.00086	0.00000	0.00000	0.00000	-0.00001
	10	0.00001	-0.00632	0.00000	0.00000	0.00000	0.00007
	11	0.00005	-0.00344	0.00000	0.00000	0.00000	0.00003
	18	0.00000	0.01849	0.00000	0.00000	0.00000	0.00000
	19	0.00008	-0.00914	0.00000	0.00000	0.00000	0.00001
	20	0.00018	-0.00167	0.00000	0.00000	0.00000	-0.00018
	100	0.00000	-0.00971	0.00000	0.00000	0.00000	0.00008
	101	-0.00005	-0.00943	0.00000	0.00000	0.00000	0.00008
	102	-0.00006	-0.02132	0.00000	0.00000	0.00000	0.00021
	103	-0.00005	-0.02764	0.00000	0.00000	0.00000	0.00029
	104	-0.00001	-0.02476	0.00000	0.00000	0.00000	0.00024
	105	0.00003	-0.03678	0.00000	0.00000	0.00000	0.00029
	106	0.00008	-0.03390	0.00000	0.00000	0.00000	0.00025
	107	0.00013	-0.02931	0.00000	0.00000	0.00000	0.00011
	108	0.00018	-0.02643	0.00000	0.00000	0.00000	0.00006
	111	-0.00007	-0.00928	0.00000	0.00000	0.00000	0.00008
	112	-0.00009	-0.02438	0.00000	0.00000	0.00000	0.00025
	113	-0.00008	-0.03070	0.00000	0.00000	0.00000	0.00032
	114	-0.00004	-0.02782	0.00000	0.00000	0.00000	0.00028
	115	0.00000	-0.02893	0.00000	0.00000	0.00000	0.00033
	116	0.00004	-0.02605	0.00000	0.00000	0.00000	0.00028
	117	0.00010	-0.01388	0.00000	0.00000	0.00000	0.00014
	118	0.00014	-0.01101	0.00000	0.00000	0.00000	0.00010
	121	-0.00009	-0.00914	0.00000	0.00000	0.00000	0.00007
	122	-0.00013	-0.02084	0.00000	0.00000	0.00000	0.00021
	123	-0.00012	-0.02716	0.00000	0.00000	0.00000	0.00028
	124	-0.00008	-0.02428	0.00000	0.00000	0.00000	0.00023
	125	-0.00004	-0.03629	0.00000	0.00000	0.00000	0.00029
	126	0.00001	-0.03342	0.00000	0.00000	0.00000	0.00024
	127	0.00006	-0.02883	0.00000	0.00000	0.00000	0.00010
	128	0.00011	-0.02595	0.00000	0.00000	0.00000	0.00006
	131	-0.00014	-0.00886	0.00000	0.00000	0.00000	0.00007
	132	-0.00019	-0.02366	0.00000	0.00000	0.00000	0.00024
	133	-0.00018	-0.02998	0.00000	0.00000	0.00000	0.00031
	134	-0.00004	-0.02782	0.00000	0.00000	0.00000	0.00028
	135	-0.00010	-0.02821	0.00000	0.00000	0.00000	0.00032

JOINT DISPLACEMENT (INCH RADIANS) STRUCTURE TYPE = PLANE

JOINT	LOAD	X-TRANS	Y-TRANS	Z-TRANS	X-ROTAN	Y-ROTAN	Z-ROTAN
	136	-0.00006	-0.02533	0.00000	0.00000	0.00000	0.00027
	137	0.00000	-0.01316	0.00000	0.00000	0.00000	0.00013
	138	0.00004	-0.01028	0.00000	0.00000	0.00000	0.00009
16	1	0.00000	-0.00755	0.00000	0.00000	0.00000	0.00010
	2	0.00003	-0.00841	0.00000	0.00000	0.00000	0.00017
	3	-0.00028	0.00058	0.00000	0.00000	0.00000	-0.00002
	13	-0.00019	0.00033	0.00000	0.00000	0.00000	-0.00001
	4	0.00003	-0.01070	0.00000	0.00000	0.00000	0.00022
	5	-0.00042	0.00086	0.00000	0.00000	0.00000	-0.00003
	15	-0.00028	0.00050	0.00000	0.00000	0.00000	-0.00002
	10	0.00001	-0.00439	0.00000	0.00000	0.00000	0.00009
	11	0.00005	-0.00261	0.00000	0.00000	0.00000	0.00004
	18	-0.00001	0.01856	0.00000	0.00000	0.00000	0.00000
	19	0.00016	-0.00897	0.00000	0.00000	0.00000	0.00001
	20	0.00037	-0.00638	0.00000	0.00000	0.00000	-0.00022
	100	0.00000	-0.00755	0.00000	0.00000	0.00000	0.00010
	101	-0.00009	-0.00738	0.00000	0.00000	0.00000	0.00010
	102	-0.00011	-0.01567	0.00000	0.00000	0.00000	0.00026
	103	-0.00010	-0.02006	0.00000	0.00000	0.00000	0.00035
	104	-0.00006	-0.01828	0.00000	0.00000	0.00000	0.00031
	105	0.00007	-0.02904	0.00000	0.00000	0.00000	0.00036
	106	0.00010	-0.02726	0.00000	0.00000	0.00000	0.00031
	107	0.00027	-0.02644	0.00000	0.00000	0.00000	0.00014
	108	0.00030	-0.02466	0.00000	0.00000	0.00000	0.00009
	111	-0.00014	-0.00730	0.00000	0.00000	0.00000	0.00009
	112	-0.00017	-0.01782	0.00000	0.00000	0.00000	0.00031
	113	-0.00016	-0.02221	0.00000	0.00000	0.00000	0.00040
	114	-0.00012	-0.02043	0.00000	0.00000	0.00000	0.00035
	115	0.00000	-0.02024	0.00000	0.00000	0.00000	0.00041
	116	0.00004	-0.01846	0.00000	0.00000	0.00000	0.00036
	117	0.00020	-0.01003	0.00000	0.00000	0.00000	0.00018
	118	0.00023	-0.00825	0.00000	0.00000	0.00000	0.00013
	121	-0.00018	-0.00722	0.00000	0.00000	0.00000	0.00009
	122	-0.00025	-0.01538	0.00000	0.00000	0.00000	0.00025
	123	-0.00024	-0.01977	0.00000	0.00000	0.00000	0.00034
	124	-0.00020	-0.01799	0.00000	0.00000	0.00000	0.00030
	125	-0.00007	-0.02875	0.00000	0.00000	0.00000	0.00035
	126	-0.00004	-0.02697	0.00000	0.00000	0.00000	0.00030
	127	0.00013	-0.02615	0.00000	0.00000	0.00000	0.00013
	128	0.00016	-0.02437	0.00000	0.00000	0.00000	0.00008
	131	-0.00028	-0.00705	0.00000	0.00000	0.00000	0.00008
	132	-0.00038	-0.01739	0.00000	0.00000	0.00000	0.00029
	133	-0.00037	-0.02178	0.00000	0.00000	0.00000	0.00038
	134	-0.00012	-0.02043	0.00000	0.00000	0.00000	0.00035
	135	-0.00021	-0.01981	0.00000	0.00000	0.00000	0.00039
	136	-0.00017	-0.01803	0.00000	0.00000	0.00000	0.00034
	137	-0.00001	-0.00960	0.00000	0.00000	0.00000	0.00017
	138	0.00002	-0.00782	0.00000	0.00000	0.00000	0.00012

JOINT DISPLACEMENT (INCH RADIANS) STRUCTURE TYPE = PLANE

JOINT	LOAD	X-TRANS	Y-TRANS	Z-TRANS	X-ROTAN	Y-ROTAN	Z-ROTAN
17	1	0.00000	-0.00536	0.00000	0.00000	0.00000	0.00009
	2	0.00004	-0.00468	0.00000	0.00000	0.00000	0.00015
	3	-0.00042	0.00007	0.00000	0.00000	0.00000	-0.00002
	13	-0.00028	0.00002	0.00000	0.00000	0.00000	-0.00001
	4	0.00005	-0.00595	0.00000	0.00000	0.00000	0.00019
	5	-0.00063	0.00011	0.00000	0.00000	0.00000	-0.00004
	15	-0.00042	0.00003	0.00000	0.00000	0.00000	-0.00002
	10	0.00002	-0.00244	0.00000	0.00000	0.00000	0.00008
	11	0.00005	-0.00169	0.00000	0.00000	0.00000	0.00004
	18	-0.00001	0.01864	0.00000	0.00000	0.00000	0.00000
	19	0.00025	-0.00875	0.00000	0.00000	0.00000	0.00001
	20	0.00055	-0.01099	0.00000	0.00000	0.00000	-0.00018
	100	0.00000	-0.00536	0.00000	0.00000	0.00000	0.00009
	101	-0.00014	-0.00535	0.00000	0.00000	0.00000	0.00008
	102	-0.00017	-0.01000	0.00000	0.00000	0.00000	0.00023
	103	-0.00014	-0.01244	0.00000	0.00000	0.00000	0.00030
	104	-0.00012	-0.01169	0.00000	0.00000	0.00000	0.00026
	105	0.00010	-0.02120	0.00000	0.00000	0.00000	0.00031
	106	0.00013	-0.02044	0.00000	0.00000	0.00000	0.00027
	107	0.00041	-0.02344	0.00000	0.00000	0.00000	0.00012
	108	0.00043	-0.02268	0.00000	0.00000	0.00000	0.00008
	111	-0.00021	-0.00534	0.00000	0.00000	0.00000	0.00008
	112	-0.00026	-0.01126	0.00000	0.00000	0.00000	0.00026
	113	-0.00024	-0.01370	0.00000	0.00000	0.00000	0.00034
	114	-0.00021	-0.01295	0.00000	0.00000	0.00000	0.00030
	115	0.00000	-0.01146	0.00000	0.00000	0.00000	0.00035
	116	0.00003	-0.01070	0.00000	0.00000	0.00000	0.00031
	117	0.00030	-0.00605	0.00000	0.00000	0.00000	0.00016
	118	0.00033	-0.00530	0.00000	0.00000	0.00000	0.00012
	121	-0.00028	-0.00534	0.00000	0.00000	0.00000	0.00007
	122	-0.00038	-0.00996	0.00000	0.00000	0.00000	0.00021
	123	-0.00035	-0.01241	0.00000	0.00000	0.00000	0.00029
	124	-0.00033	-0.01165	0.00000	0.00000	0.00000	0.00025
	125	-0.00011	-0.02116	0.00000	0.00000	0.00000	0.00030
	126	-0.00008	-0.02041	0.00000	0.00000	0.00000	0.00026
	127	0.00019	-0.02340	0.00000	0.00000	0.00000	0.00011
	128	0.00022	-0.02264	0.00000	0.00000	0.00000	0.00007
	131	-0.00042	-0.00533	0.00000	0.00000	0.00000	0.00007
	132	-0.00057	-0.01120	0.00000	0.00000	0.00000	0.00024
	133	-0.00055	-0.01365	0.00000	0.00000	0.00000	0.00032
	134	-0.00021	-0.01295	0.00000	0.00000	0.00000	0.00030
	135	-0.00031	-0.01140	0.00000	0.00000	0.00000	0.00033
	136	-0.00029	-0.01065	0.00000	0.00000	0.00000	0.00029
	137	-0.00001	-0.00600	0.00000	0.00000	0.00000	0.00014
	138	0.00001	-0.00524	0.00000	0.00000	0.00000	0.00010
18	1	0.00001	-0.00371	0.00000	0.00000	0.00000	0.00006
	2	0.00005	-0.00180	0.00000	0.00000	0.00000	0.00010
	3	-0.00056	-0.00049	0.00000	0.00000	0.00000	-0.00003

JOINT DISPLACEMENT (INCH RADIANS) STRUCTURE TYPE = PLANE

JOINT	LOAD	X-TRANS	Y-TRANS	Z-TRANS	X-ROTAN	Y-ROTAN	Z-ROTAN
	13	-0.00038	-0.00033	0.00000	0.00000	0.00000	-0.00002
	4	0.00007	-0.00229	0.00000	0.00000	0.00000	0.00013
	5	-0.00084	-0.00073	0.00000	0.00000	0.00000	-0.00004
	15	-0.00057	-0.00049	0.00000	0.00000	0.00000	-0.00002
	10	0.00003	-0.00094	0.00000	0.00000	0.00000	0.00005
	11	0.00004	-0.00092	0.00000	0.00000	0.00000	0.00003
	18	-0.00002	0.01868	0.00000	0.00000	0.00000	0.00000
	19	0.00033	-0.00848	0.00000	0.00000	0.00000	0.00001
	20	0.00073	-0.01428	0.00000	0.00000	0.00000	-0.00011
	100	0.00001	-0.00371	0.00000	0.00000	0.00000	0.00006
	101	-0.00018	-0.00387	0.00000	0.00000	0.00000	0.00005
	102	-0.00022	-0.00575	0.00000	0.00000	0.00000	0.00015
	103	-0.00019	-0.00669	0.00000	0.00000	0.00000	0.00020
	104	-0.00018	-0.00667	0.00000	0.00000	0.00000	0.00017
	105	0.00014	-0.01517	0.00000	0.00000	0.00000	0.00021
	106	0.00015	-0.01515	0.00000	0.00000	0.00000	0.00019
	107	0.00054	-0.02097	0.00000	0.00000	0.00000	0.00009
	108	0.00056	-0.02095	0.00000	0.00000	0.00000	0.00007
	111	-0.00028	-0.00396	0.00000	0.00000	0.00000	0.00004
	112	-0.00034	-0.00636	0.00000	0.00000	0.00000	0.00017
	113	-0.00031	-0.00730	0.00000	0.00000	0.00000	0.00022
	114	-0.00030	-0.00728	0.00000	0.00000	0.00000	0.00020
	115	0.00000	-0.00476	0.00000	0.00000	0.00000	0.00023
	116	0.00002	-0.00474	0.00000	0.00000	0.00000	0.00021
	117	0.00040	-0.00290	0.00000	0.00000	0.00000	0.00011
	118	0.00042	-0.00288	0.00000	0.00000	0.00000	0.00009
	121	-0.00037	-0.00404	0.00000	0.00000	0.00000	0.00004
	122	-0.00050	-0.00599	0.00000	0.00000	0.00000	0.00013
	123	-0.00047	-0.00693	0.00000	0.00000	0.00000	0.00019
	124	-0.00046	-0.00691	0.00000	0.00000	0.00000	0.00016
	125	-0.00014	-0.01541	0.00000	0.00000	0.00000	0.00020
	126	-0.00013	-0.01539	0.00000	0.00000	0.00000	0.00017
	127	0.00026	-0.02121	0.00000	0.00000	0.00000	0.00008
	128	0.00027	-0.02119	0.00000	0.00000	0.00000	0.00006
	131	-0.00056	-0.00420	0.00000	0.00000	0.00000	0.00003
	132	-0.00076	-0.00672	0.00000	0.00000	0.00000	0.00015
	133	-0.00073	-0.00766	0.00000	0.00000	0.00000	0.00020
	134	-0.00030	-0.00728	0.00000	0.00000	0.00000	0.00020
	135	-0.00041	-0.00512	0.00000	0.00000	0.00000	0.00021
	136	-0.00040	-0.00510	0.00000	0.00000	0.00000	0.00019
	137	-0.00002	-0.00326	0.00000	0.00000	0.00000	0.00009
	138	0.00000	-0.00324	0.00000	0.00000	0.00000	0.00007
19	1	0.00001	-0.00286	0.00000	0.00000	0.00000	0.00002
	2	0.00007	-0.00015	0.00000	0.00000	0.00000	0.00004
	3	-0.00070	-0.00106	0.00000	0.00000	0.00000	-0.00002
	13	-0.00047	-0.00069	0.00000	0.00000	0.00000	-0.00002
	4	0.00009	-0.00020	0.00000	0.00000	0.00000	0.00005
	5	-0.00105	-0.00159	0.00000	0.00000	0.00000	-0.00004

JOINT DISPLACEMENT (INCH RADIANS) STRUCTURE TYPE = PLANE

JOINT	LOAD	X-TRANS	Y-TRANS	Z-TRANS	X-ROTAN	Y-ROTAN	Z-ROTAN
	15	-0.00071	-0.00104	0.00000	0.00000	0.00000	-0.00002
	10	0.00004	-0.00008	0.00000	0.00000	0.00000	0.00002
	11	0.00004	-0.00037	0.00000	0.00000	0.00000	0.00002
	18	-0.00002	0.01862	0.00000	0.00000	0.00000	-0.00001
	19	0.00041	-0.00815	0.00000	0.00000	0.00000	0.00002
	20	0.00091	-0.01570	0.00000	0.00000	0.00000	-0.00002
	100	0.00001	-0.00286	0.00000	0.00000	0.00000	0.00002
	101	-0.00023	-0.00321	0.00000	0.00000	0.00000	0.00001
	102	-0.00028	-0.00355	0.00000	0.00000	0.00000	0.00005
	103	-0.00024	-0.00363	0.00000	0.00000	0.00000	0.00007
	104	-0.00023	-0.00392	0.00000	0.00000	0.00000	0.00007
	105	0.00017	-0.01177	0.00000	0.00000	0.00000	0.00009
	106	0.00018	-0.01206	0.00000	0.00000	0.00000	0.00008
	107	0.00068	-0.01933	0.00000	0.00000	0.00000	0.00005
	108	0.00068	-0.01962	0.00000	0.00000	0.00000	0.00005
	111	-0.00035	-0.00338	0.00000	0.00000	0.00000	0.00001
	112	-0.00043	-0.00385	0.00000	0.00000	0.00000	0.00005
	113	-0.00039	-0.00393	0.00000	0.00000	0.00000	0.00008
	114	-0.00039	-0.00422	0.00000	0.00000	0.00000	0.00007
	115	0.00001	-0.00109	0.00000	0.00000	0.00000	0.00009
	116	0.00001	-0.00138	0.00000	0.00000	0.00000	0.00008
	117	0.00050	-0.00102	0.00000	0.00000	0.00000	0.00005
	118	0.00051	-0.00131	0.00000	0.00000	0.00000	0.00005
	121	-0.00046	-0.00355	0.00000	0.00000	0.00000	0.00000
	122	-0.00063	-0.00408	0.00000	0.00000	0.00000	0.00004
	123	-0.00059	-0.00416	0.00000	0.00000	0.00000	0.00006
	124	-0.00058	-0.00445	0.00000	0.00000	0.00000	0.00005
	125	-0.00018	-0.01231	0.00000	0.00000	0.00000	0.00007
	126	-0.00017	-0.01260	0.00000	0.00000	0.00000	0.00007
	127	0.00032	-0.01986	0.00000	0.00000	0.00000	0.00004
	128	0.00033	-0.02015	0.00000	0.00000	0.00000	0.00004
	131	-0.00070	-0.00390	0.00000	0.00000	0.00000	-0.00001
	132	-0.00095	-0.00464	0.00000	0.00000	0.00000	0.00003
	133	-0.00092	-0.00472	0.00000	0.00000	0.00000	0.00006
	134	-0.00039	-0.00422	0.00000	0.00000	0.00000	0.00007
	135	-0.00052	-0.00189	0.00000	0.00000	0.00000	0.00007
	136	-0.00051	-0.00218	0.00000	0.00000	0.00000	0.00007
	137	-0.00002	-0.00181	0.00000	0.00000	0.00000	0.00003
	138	-0.00002	-0.00210	0.00000	0.00000	0.00000	0.00003
20	1	0.00001	-0.00297	0.00000	0.00000	0.00000	-0.00003
	2	0.00008	0.00009	0.00000	0.00000	0.00000	-0.00002
	3	-0.00084	-0.00156	0.00000	0.00000	0.00000	-0.00002
	13	-0.00056	-0.00100	0.00000	0.00000	0.00000	-0.00001
	4	0.00010	0.00012	0.00000	0.00000	0.00000	-0.00003
	5	-0.00126	-0.00233	0.00000	0.00000	0.00000	-0.00003
	15	-0.00085	-0.00150	0.00000	0.00000	0.00000	-0.00002
	10	0.00004	0.00005	0.00000	0.00000	0.00000	-0.00001
	11	0.00004	-0.00001	0.00000	0.00000	0.00000	0.00001

JOINT DISPLACEMENT (INCH RADIANS) STRUCTURE TYPE = PLANE

JOINT	LOAD	X-TRANS	Y-TRANS	Z-TRANS	X-ROTAN	Y-ROTAN	Z-ROTAN
	18	-0.00002	0.01838	0.00000	0.00000	0.00000	-0.00002
	19	0.00049	-0.00777	0.00000	0.00000	0.00000	0.00002
	20	0.00110	-0.01509	0.00000	0.00000	0.00000	0.00007
	100	0.00001	-0.00297	0.00000	0.00000	0.00000	-0.00003
	101	-0.00027	-0.00347	0.00000	0.00000	0.00000	-0.00003
	102	-0.00033	-0.00366	0.00000	0.00000	0.00000	-0.00006
	103	-0.00029	-0.00361	0.00000	0.00000	0.00000	-0.00007
	104	-0.00029	-0.00368	0.00000	0.00000	0.00000	-0.00005
	105	0.00021	-0.01138	0.00000	0.00000	0.00000	-0.00005
	106	0.00020	-0.01145	0.00000	0.00000	0.00000	-0.00003
	107	0.00081	-0.01870	0.00000	0.00000	0.00000	0.00000
	108	0.00081	-0.01876	0.00000	0.00000	0.00000	0.00003
	111	-0.00041	-0.00372	0.00000	0.00000	0.00000	-0.00004
	112	-0.00052	-0.00402	0.00000	0.00000	0.00000	-0.00007
	113	-0.00047	-0.00397	0.00000	0.00000	0.00000	-0.00008
	114	-0.00047	-0.00403	0.00000	0.00000	0.00000	-0.00006
	115	0.00001	-0.00090	0.00000	0.00000	0.00000	-0.00007
	116	0.00001	-0.00096	0.00000	0.00000	0.00000	-0.00005
	117	0.00060	-0.00068	0.00000	0.00000	0.00000	-0.00002
	118	0.00060	-0.00075	0.00000	0.00000	0.00000	0.00000
	121	-0.00055	-0.00397	0.00000	0.00000	0.00000	-0.00004
	122	-0.00075	-0.00444	0.00000	0.00000	0.00000	-0.00007
	123	-0.00071	-0.00439	0.00000	0.00000	0.00000	-0.00008
	124	-0.00071	-0.00446	0.00000	0.00000	0.00000	-0.00005
	125	-0.00022	-0.01217	0.00000	0.00000	0.00000	-0.00006
	126	-0.00022	-0.01223	0.00000	0.00000	0.00000	-0.00004
	127	0.00039	-0.01948	0.00000	0.00000	0.00000	-0.00001
	128	0.00039	-0.01954	0.00000	0.00000	0.00000	0.00002
	131	-0.00084	-0.00448	0.00000	0.00000	0.00000	-0.00004
	132	-0.00114	-0.00518	0.00000	0.00000	0.00000	-0.00008
	133	-0.00110	-0.00514	0.00000	0.00000	0.00000	-0.00009
	134	-0.00047	-0.00403	0.00000	0.00000	0.00000	-0.00006
	135	-0.00062	-0.00206	0.00000	0.00000	0.00000	-0.00009
	136	-0.00062	-0.00213	0.00000	0.00000	0.00000	-0.00006
	137	-0.00003	-0.00185	0.00000	0.00000	0.00000	-0.00004
	138	-0.00003	-0.00191	0.00000	0.00000	0.00000	-0.00001
21	1	0.00001	-0.00417	0.00000	0.00000	0.00000	-0.00008
	2	0.00010	-0.00119	0.00000	0.00000	0.00000	-0.00009
	3	-0.00099	-0.00177	0.00000	0.00000	0.00000	0.00000
	13	-0.00066	-0.00112	0.00000	0.00000	0.00000	0.00000
	4	0.00012	-0.00151	0.00000	0.00000	0.00000	-0.00012
	5	-0.00147	-0.00264	0.00000	0.00000	0.00000	0.00000
	15	-0.00099	-0.00169	0.00000	0.00000	0.00000	0.00000
	10	0.00005	-0.00062	0.00000	0.00000	0.00000	-0.00005
	11	0.00004	0.00023	0.00000	0.00000	0.00000	0.00001
	18	-0.00003	0.01787	0.00000	0.00000	0.00000	-0.00003
	19	0.00058	-0.00743	0.00000	0.00000	0.00000	0.00001
	20	0.00128	-0.01248	0.00000	0.00000	0.00000	0.00016

JOINT DISPLACEMENT (INCH RADIANS) STRUCTURE TYPE = PLANE

JOINT	LOAD	X-TRANS	Y-TRANS	Z-TRANS	X-ROTAN	Y-ROTAN	Z-ROTAN
	100	0.00001	-0.00417	0.00000	0.00000	0.00000	-0.00008
	101	-0.00032	-0.00473	0.00000	0.00000	0.00000	-0.00008
	102	-0.00039	-0.00624	0.00000	0.00000	0.00000	-0.00017
	103	-0.00034	-0.00686	0.00000	0.00000	0.00000	-0.00022
	104	-0.00035	-0.00601	0.00000	0.00000	0.00000	-0.00016
	105	0.00024	-0.01429	0.00000	0.00000	0.00000	-0.00020
	106	0.00023	-0.01344	0.00000	0.00000	0.00000	-0.00015
	107	0.00095	-0.01934	0.00000	0.00000	0.00000	-0.00006
	108	0.00094	-0.01849	0.00000	0.00000	0.00000	0.00000
	111	-0.00048	-0.00501	0.00000	0.00000	0.00000	-0.00008
	112	-0.00060	-0.00700	0.00000	0.00000	0.00000	-0.00019
	113	-0.00055	-0.00762	0.00000	0.00000	0.00000	-0.00024
	114	-0.00056	-0.00676	0.00000	0.00000	0.00000	-0.00018
	115	0.00001	-0.00450	0.00000	0.00000	0.00000	-0.00025
	116	0.00000	-0.00365	0.00000	0.00000	0.00000	-0.00019
	117	0.00070	-0.00223	0.00000	0.00000	0.00000	-0.00012
	118	0.00069	-0.00138	0.00000	0.00000	0.00000	-0.00006
	121	-0.00065	-0.00529	0.00000	0.00000	0.00000	-0.00008
	122	-0.00088	-0.00712	0.00000	0.00000	0.00000	-0.00017
	123	-0.00083	-0.00774	0.00000	0.00000	0.00000	-0.00022
	124	-0.00084	-0.00689	0.00000	0.00000	0.00000	-0.00016
	125	-0.00025	-0.01517	0.00000	0.00000	0.00000	-0.00020
	126	-0.00026	-0.01432	0.00000	0.00000	0.00000	-0.00015
	127	0.00045	-0.02022	0.00000	0.00000	0.00000	-0.00006
	128	0.00044	-0.01937	0.00000	0.00000	0.00000	0.00000
	131	-0.00098	-0.00586	0.00000	0.00000	0.00000	-0.00008
	132	-0.00134	-0.00832	0.00000	0.00000	0.00000	-0.00019
	133	-0.00129	-0.00894	0.00000	0.00000	0.00000	-0.00024
	134	-0.00056	-0.00676	0.00000	0.00000	0.00000	-0.00018
	135	-0.00073	-0.00582	0.00000	0.00000	0.00000	-0.00025
	136	-0.00074	-0.00497	0.00000	0.00000	0.00000	-0.00019
	137	-0.00003	-0.00355	0.00000	0.00000	0.00000	-0.00011
	138	-0.00004	-0.00270	0.00000	0.00000	0.00000	-0.00006
22	1	0.00001	-0.00653	0.00000	0.00000	0.00000	-0.00013
	2	0.00011	-0.00409	0.00000	0.00000	0.00000	-0.00016
	3	-0.00113	-0.00132	0.00000	0.00000	0.00000	0.00004
	13	-0.00075	-0.00082	0.00000	0.00000	0.00000	0.00003
	4	0.00014	-0.00521	0.00000	0.00000	0.00000	-0.00021
	5	-0.00168	-0.00196	0.00000	0.00000	0.00000	0.00006
	15	-0.00113	-0.00123	0.00000	0.00000	0.00000	0.00004
	10	0.00006	-0.00214	0.00000	0.00000	0.00000	-0.00009
	11	0.00004	0.00045	0.00000	0.00000	0.00000	0.00001
	18	-0.00003	0.01702	0.00000	0.00000	0.00000	-0.00005
	19	0.00066	-0.00729	0.00000	0.00000	0.00000	0.00000
	20	0.00146	-0.00820	0.00000	0.00000	0.00000	0.00022
	100	0.00001	-0.00653	0.00000	0.00000	0.00000	-0.00013
	101	-0.00036	-0.00694	0.00000	0.00000	0.00000	-0.00012
	102	-0.00044	-0.01129	0.00000	0.00000	0.00000	-0.00027

JOINT DISPLACEMENT (INCH RADIANS) STRUCTURE TYPE = PLANE

JOINT	LOAD	X-TRANS	Y-TRANS	Z-TRANS	X-ROTAN	Y-ROTAN	Z-ROTAN
	103	-0.00038	-0.01342	0.00000	0.00000	0.00000	-0.00036
	104	-0.00040	-0.01084	0.00000	0.00000	0.00000	-0.00026
	105	0.00027	-0.02072	0.00000	0.00000	0.00000	-0.00036
	106	0.00026	-0.01813	0.00000	0.00000	0.00000	-0.00027
	107	0.00108	-0.02162	0.00000	0.00000	0.00000	-0.00014
	108	0.00106	-0.01903	0.00000	0.00000	0.00000	-0.00005
	111	-0.00055	-0.00715	0.00000	0.00000	0.00000	-0.00011
	112	-0.00069	-0.01272	0.00000	0.00000	0.00000	-0.00031
	113	-0.00063	-0.01486	0.00000	0.00000	0.00000	-0.00039
	114	-0.00065	-0.01228	0.00000	0.00000	0.00000	-0.00030
	115	0.00001	-0.01212	0.00000	0.00000	0.00000	-0.00042
	116	-0.00001	-0.00953	0.00000	0.00000	0.00000	-0.00033
	117	0.00080	-0.00604	0.00000	0.00000	0.00000	-0.00022
	118	0.00078	-0.00346	0.00000	0.00000	0.00000	-0.00013
	121	-0.00074	-0.00735	0.00000	0.00000	0.00000	-0.00010
	122	-0.00100	-0.01194	0.00000	0.00000	0.00000	-0.00025
	123	-0.00095	-0.01408	0.00000	0.00000	0.00000	-0.00034
	124	-0.00096	-0.01150	0.00000	0.00000	0.00000	-0.00024
	125	-0.00029	-0.02138	0.00000	0.00000	0.00000	-0.00034
	126	-0.00031	-0.01879	0.00000	0.00000	0.00000	-0.00024
	127	0.00052	-0.02228	0.00000	0.00000	0.00000	-0.00012
	128	0.00050	-0.01969	0.00000	0.00000	0.00000	-0.00003
	131	-0.00112	-0.00776	0.00000	0.00000	0.00000	-0.00009
	132	-0.00153	-0.01371	0.00000	0.00000	0.00000	-0.00028
	133	-0.00147	-0.01585	0.00000	0.00000	0.00000	-0.00036
	134	-0.00065	-0.01228	0.00000	0.00000	0.00000	-0.00030
	135	-0.00083	-0.01310	0.00000	0.00000	0.00000	-0.00039
	136	-0.00085	-0.01051	0.00000	0.00000	0.00000	-0.00030
	137	-0.00004	-0.00702	0.00000	0.00000	0.00000	-0.00019
	138	-0.00006	-0.00444	0.00000	0.00000	0.00000	-0.00010
23	1	0.00001	-0.00999	0.00000	0.00000	0.00000	-0.00017
	2	0.00012	-0.00858	0.00000	0.00000	0.00000	-0.00023
	3	-0.00127	0.00035	0.00000	0.00000	0.00000	0.00011
	13	-0.00085	0.00027	0.00000	0.00000	0.00000	0.00007
	4	0.00016	-0.01091	0.00000	0.00000	0.00000	-0.00029
	5	-0.00189	0.00052	0.00000	0.00000	0.00000	0.00016
	15	-0.00127	0.00041	0.00000	0.00000	0.00000	0.00011
	10	0.00006	-0.00448	0.00000	0.00000	0.00000	-0.00012
	11	0.00004	0.00069	0.00000	0.00000	0.00000	0.00001
	18	-0.00004	0.01583	0.00000	0.00000	0.00000	-0.00006
	19	0.00074	-0.00766	0.00000	0.00000	0.00000	-0.00003
	20	0.00165	-0.00311	0.00000	0.00000	0.00000	0.00022
	100	0.00001	-0.00999	0.00000	0.00000	0.00000	-0.00017
	101	-0.00041	-0.00986	0.00000	0.00000	0.00000	-0.00014
	102	-0.00050	-0.01839	0.00000	0.00000	0.00000	-0.00034
	103	-0.00043	-0.02288	0.00000	0.00000	0.00000	-0.00046
	104	-0.00046	-0.01770	0.00000	0.00000	0.00000	-0.00033
	105	0.00031	-0.03054	0.00000	0.00000	0.00000	-0.00050

JOINT DISPLACEMENT (INCH RADIANS) STRUCTURE TYPE = PLANE

JOINT	LOAD	X-TRANS	Y-TRANS	Z-TRANS	X-ROTAN	Y-ROTAN	Z-ROTAN
	106	0.00028	-0.02537	0.00000	0.00000	0.00000	-0.00037
	107	0.00122	-0.02598	0.00000	0.00000	0.00000	-0.00024
	108	0.00119	-0.02081	0.00000	0.00000	0.00000	-0.00011
	111	-0.00062	-0.00979	0.00000	0.00000	0.00000	-0.00012
	112	-0.00077	-0.02065	0.00000	0.00000	0.00000	-0.00038
	113	-0.00071	-0.02513	0.00000	0.00000	0.00000	-0.00050
	114	-0.00074	-0.01996	0.00000	0.00000	0.00000	-0.00037
	115	0.00001	-0.02345	0.00000	0.00000	0.00000	-0.00057
	116	-0.00002	-0.01828	0.00000	0.00000	0.00000	-0.00043
	117	0.00090	-0.01241	0.00000	0.00000	0.00000	-0.00034
	118	0.00088	-0.00724	0.00000	0.00000	0.00000	-0.00021
	121	-0.00083	-0.00972	0.00000	0.00000	0.00000	-0.00010
	122	-0.00113	-0.01822	0.00000	0.00000	0.00000	-0.00029
	123	-0.00106	-0.02270	0.00000	0.00000	0.00000	-0.00041
	124	-0.00109	-0.01753	0.00000	0.00000	0.00000	-0.00028
	125	-0.00032	-0.03036	0.00000	0.00000	0.00000	-0.00044
	126	-0.00035	-0.02519	0.00000	0.00000	0.00000	-0.00031
	127	0.00058	-0.02581	0.00000	0.00000	0.00000	-0.00019
	128	0.00056	-0.02064	0.00000	0.00000	0.00000	-0.00006
	131	-0.00126	-0.00958	0.00000	0.00000	0.00000	-0.00006
	132	-0.00172	-0.02039	0.00000	0.00000	0.00000	-0.00030
	133	-0.00165	-0.02487	0.00000	0.00000	0.00000	-0.00042
	134	-0.00074	-0.01996	0.00000	0.00000	0.00000	-0.00037
	135	-0.00093	-0.02319	0.00000	0.00000	0.00000	-0.00048
	136	-0.00096	-0.01802	0.00000	0.00000	0.00000	-0.00035
	137	-0.00004	-0.01215	0.00000	0.00000	0.00000	-0.00025
	138	-0.00007	-0.00698	0.00000	0.00000	0.00000	-0.00012
24	1	0.00002	-0.01403	0.00000	0.00000	0.00000	-0.00018
	2	0.00014	-0.01412	0.00000	0.00000	0.00000	-0.00025
	3	-0.00141	0.00390	0.00000	0.00000	0.00000	0.00021
	13	-0.00094	0.00257	0.00000	0.00000	0.00000	0.00013
	4	0.00017	-0.01797	0.00000	0.00000	0.00000	-0.00032
	5	-0.00210	0.00581	0.00000	0.00000	0.00000	0.00031
	15	-0.00142	0.00387	0.00000	0.00000	0.00000	0.00020
	10	0.00007	-0.00738	0.00000	0.00000	0.00000	-0.00013
	11	0.00004	0.00097	0.00000	0.00000	0.00000	0.00001
	18	-0.00004	0.01446	0.00000	0.00000	0.00000	-0.00006
	19	0.00082	-0.00897	0.00000	0.00000	0.00000	-0.00009
	20	0.00183	0.00091	0.00000	0.00000	0.00000	0.00011
	100	0.00002	-0.01403	0.00000	0.00000	0.00000	-0.00018
	101	-0.00045	-0.01275	0.00000	0.00000	0.00000	-0.00011
	102	-0.00055	-0.02620	0.00000	0.00000	0.00000	-0.00032
	103	-0.00048	-0.03358	0.00000	0.00000	0.00000	-0.00045
	104	-0.00051	-0.02523	0.00000	0.00000	0.00000	-0.00031
	105	0.00034	-0.04255	0.00000	0.00000	0.00000	-0.00054
	106	0.00031	-0.03421	0.00000	0.00000	0.00000	-0.00040
	107	0.00135	-0.03267	0.00000	0.00000	0.00000	-0.00034
	108	0.00131	-0.02432	0.00000	0.00000	0.00000	-0.00020

JOINT DISPLACEMENT (INCH RADIANS) STRUCTURE TYPE = PLANE

JOINT	LOAD	X-TRANS	Y-TRANS	Z-TRANS	X-ROTAN	Y-ROTAN	Z-ROTAN
	111	-0.00069	-0.01210	0.00000	0.00000	0.00000	-0.00007
	112	-0.00086	-0.02909	0.00000	0.00000	0.00000	-0.00034
	113	-0.00079	-0.03647	0.00000	0.00000	0.00000	-0.00047
	114	-0.00082	-0.02813	0.00000	0.00000	0.00000	-0.00033
	115	0.00001	-0.03691	0.00000	0.00000	0.00000	-0.00059
	116	-0.00002	-0.02857	0.00000	0.00000	0.00000	-0.00045
	117	0.00100	-0.02110	0.00000	0.00000	0.00000	-0.00042
	118	0.00097	-0.01276	0.00000	0.00000	0.00000	-0.00028
	121	-0.00092	-0.01146	0.00000	0.00000	0.00000	-0.00004
	122	-0.00125	-0.02425	0.00000	0.00000	0.00000	-0.00022
	123	-0.00118	-0.03163	0.00000	0.00000	0.00000	-0.00035
	124	-0.00122	-0.02329	0.00000	0.00000	0.00000	-0.00021
	125	-0.00036	-0.04060	0.00000	0.00000	0.00000	-0.00044
	126	-0.00040	-0.03226	0.00000	0.00000	0.00000	-0.00029
	127	0.00065	-0.03072	0.00000	0.00000	0.00000	-0.00024
	128	0.00061	-0.02237	0.00000	0.00000	0.00000	-0.00010
	131	-0.00140	-0.01016	0.00000	0.00000	0.00000	0.00003
	132	-0.00191	-0.02619	0.00000	0.00000	0.00000	-0.00019
	133	-0.00184	-0.03357	0.00000	0.00000	0.00000	-0.00032
	134	-0.00082	-0.02813	0.00000	0.00000	0.00000	-0.00033
	135	-0.00104	-0.03401	0.00000	0.00000	0.00000	-0.00044
	136	-0.00107	-0.02566	0.00000	0.00000	0.00000	-0.00029
	137	-0.00005	-0.01820	0.00000	0.00000	0.00000	-0.00026
	138	-0.00008	-0.00985	0.00000	0.00000	0.00000	-0.00012

SUPPORT REACTIONS -UNIT KIP FEET STRUCTURE TYPE = PLANE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
5	1	0.00	1.36	0.00	0.00	0.00	0.00
	2	0.00	1.17	0.00	0.00	0.00	0.00
	3	0.00	-0.05	0.00	0.00	0.00	0.00
	13	0.00	-0.04	0.00	0.00	0.00	0.00
	4	0.00	1.49	0.00	0.00	0.00	0.00
	5	0.00	-0.07	0.00	0.00	0.00	0.00
	15	0.00	-0.06	0.00	0.00	0.00	0.00
	10	0.00	0.61	0.00	0.00	0.00	0.00
	11	0.00	0.70	0.00	0.00	0.00	0.00
	18	0.00	-2.15	0.00	0.00	0.00	0.00
	19	0.00	1.04	0.00	0.00	0.00	0.00
	20	0.00	0.42	0.00	0.00	0.00	0.00
	100	0.00	1.36	0.00	0.00	0.00	0.00
	101	0.00	1.34	0.00	0.00	0.00	0.00
	102	0.00	2.50	0.00	0.00	0.00	0.00
	103	0.00	3.11	0.00	0.00	0.00	0.00
	104	0.00	3.21	0.00	0.00	0.00	0.00
	105	0.00	4.16	0.00	0.00	0.00	0.00
	106	0.00	4.25	0.00	0.00	0.00	0.00
	107	0.00	3.54	0.00	0.00	0.00	0.00
	108	0.00	3.63	0.00	0.00	0.00	0.00
	111	0.00	1.33	0.00	0.00	0.00	0.00
	112	0.00	2.81	0.00	0.00	0.00	0.00
	113	0.00	3.42	0.00	0.00	0.00	0.00
	114	0.00	3.52	0.00	0.00	0.00	0.00
	115	0.00	3.19	0.00	0.00	0.00	0.00
	116	0.00	3.29	0.00	0.00	0.00	0.00
	117	0.00	1.69	0.00	0.00	0.00	0.00
	118	0.00	1.78	0.00	0.00	0.00	0.00
	121	0.00	1.32	0.00	0.00	0.00	0.00
	122	0.00	2.48	0.00	0.00	0.00	0.00
	123	0.00	3.09	0.00	0.00	0.00	0.00
	124	0.00	3.18	0.00	0.00	0.00	0.00
	125	0.00	4.13	0.00	0.00	0.00	0.00
	126	0.00	4.23	0.00	0.00	0.00	0.00
	127	0.00	3.51	0.00	0.00	0.00	0.00
	128	0.00	3.61	0.00	0.00	0.00	0.00
	131	0.00	1.30	0.00	0.00	0.00	0.00
	132	0.00	2.78	0.00	0.00	0.00	0.00
	133	0.00	3.39	0.00	0.00	0.00	0.00
	134	0.00	3.52	0.00	0.00	0.00	0.00
	135	0.00	3.16	0.00	0.00	0.00	0.00
	136	0.00	3.25	0.00	0.00	0.00	0.00
	137	0.00	1.65	0.00	0.00	0.00	0.00
	138	0.00	1.75	0.00	0.00	0.00	0.00
6	1	0.00	0.89	0.00	0.00	0.00	0.00
	2	0.00	0.56	0.00	0.00	0.00	0.00
	3	0.00	0.18	0.00	0.00	0.00	0.00
	13	0.00	0.11	0.00	0.00	0.00	0.00
	4	0.00	0.71	0.00	0.00	0.00	0.00

SUPPORT REACTIONS -UNIT KIP FEET STRUCTURE TYPE = PLANE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	5	0.00	0.27	0.00	0.00	0.00	0.00
	15	0.00	0.17	0.00	0.00	0.00	0.00
	10	0.00	0.29	0.00	0.00	0.00	0.00
	11	0.00	0.35	0.00	0.00	0.00	0.00
	18	0.00	-2.32	0.00	0.00	0.00	0.00
	19	0.00	0.99	0.00	0.00	0.00	0.00
	20	0.00	1.12	0.00	0.00	0.00	0.00
	100	0.00	0.89	0.00	0.00	0.00	0.00
	101	0.00	0.95	0.00	0.00	0.00	0.00
	102	0.00	1.54	0.00	0.00	0.00	0.00
	103	0.00	1.83	0.00	0.00	0.00	0.00
	104	0.00	1.89	0.00	0.00	0.00	0.00
	105	0.00	2.82	0.00	0.00	0.00	0.00
	106	0.00	2.88	0.00	0.00	0.00	0.00
	107	0.00	2.94	0.00	0.00	0.00	0.00
	108	0.00	3.00	0.00	0.00	0.00	0.00
	111	0.00	0.97	0.00	0.00	0.00	0.00
	112	0.00	1.73	0.00	0.00	0.00	0.00
	113	0.00	2.02	0.00	0.00	0.00	0.00
	114	0.00	2.08	0.00	0.00	0.00	0.00
	115	0.00	1.65	0.00	0.00	0.00	0.00
	116	0.00	1.71	0.00	0.00	0.00	0.00
	117	0.00	0.82	0.00	0.00	0.00	0.00
	118	0.00	0.88	0.00	0.00	0.00	0.00
	121	0.00	1.00	0.00	0.00	0.00	0.00
	122	0.00	1.63	0.00	0.00	0.00	0.00
	123	0.00	1.92	0.00	0.00	0.00	0.00
	124	0.00	1.98	0.00	0.00	0.00	0.00
	125	0.00	2.91	0.00	0.00	0.00	0.00
	126	0.00	2.97	0.00	0.00	0.00	0.00
	127	0.00	3.03	0.00	0.00	0.60	0.00
	128	0.00	3.09	0.00	0.00	0.00	0.00
	131	0.00	1.06	0.00	0.00	0.00	0.00
	132	0.00	1.87	0.00	0.00	0.00	0.00
	133	0.00	2.16	0.00	0.00	0.00	0.00
	134	0.00	2.08	0.00	0.00	0.00	0.00
	135	0.00	1.78	0.00	0.00	0.00	0.00
	136	0.00	1.84	0.00	0.00	0.00	0.00
	137	0.00	0.96	0.00	0.00	0.00	0.00
	138	0.00	1.02	0.00	0.00	0.00	0.00
7	1	0.00	0.57	0.00	0.00	0.00	0.00
	2	0.00	0.16	0.00	0.00	0.00	0.00
	3	0.00	0.24	0.00	0.00	0.00	0.00
	13	0.00	0.15	0.00	0.00	0.00	0.00
	4	0.00	0.21	0.00	0.00	0.00	0.00
	5	0.00	0.36	0.00	0.00	0.00	0.00
	15	0.00	0.23	0.00	0.00	0.00	0.00
	10	0.00	0.08	0.00	0.00	0.00	0.00
	11	0.00	0.12	0.00	0.00	0.00	0.00
	18	0.00	-2.43	0.00	0.00	0.00	0.00

SUPPORT REACTIONS -UNIT KIP FEET STRUCTURE TYPE = PLANE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	19	0.00	1.01	0.00	0.00	0.00	0.00
	20	0.00	1.70	0.00	0.00	0.00	0.00
	100	0.00	0.57	0.00	0.00	0.00	0.00
	101	0.00	0.64	0.00	0.00	0.00	0.00
	102	0.00	0.85	0.00	0.00	0.00	0.00
	103	0.00	0.93	0.00	0.00	0.00	0.00
	104	0.00	0.97	0.00	0.00	0.00	0.00
	105	0.00	1.95	0.00	0.00	0.00	0.00
	106	0.00	1.98	0.00	0.00	0.00	0.00
	107	0.00	2.63	0.00	0.00	0.00	0.00
	108	0.00	2.66	0.00	0.00	0.00	0.00
	111	0.00	0.68	0.00	0.00	0.00	0.00
	112	0.00	0.95	0.00	0.00	0.00	0.00
	113	0.00	1.04	0.00	0.00	0.00	0.00
	114	0.00	1.07	0.00	0.00	0.00	0.00
	115	0.00	0.61	0.00	0.00	0.00	0.00
	116	0.00	0.64	0.00	0.00	0.00	0.00
	117	0.00	0.30	0.00	0.00	0.00	0.00
	118	0.00	0.33	0.00	0.00	0.00	0.00
	121	0.00	0.72	0.00	0.00	0.00	0.00
	122	0.00	0.97	0.00	0.00	0.00	0.00
	123	0.00	1.05	0.00	0.00	0.00	0.00
	124	0.00	1.09	0.00	0.00	0.00	0.00
	125	0.00	2.07	0.00	0.00	0.00	0.00
	126	0.00	2.10	0.00	0.00	0.00	0.00
	127	0.00	2.75	0.00	0.00	0.00	0.00
	128	0.00	2.79	0.00	0.00	0.00	0.00
	131	0.00	0.80	0.00	0.00	0.00	0.00
	132	0.00	1.13	0.00	0.00	0.00	0.00
	133	0.00	1.22	0.00	0.00	0.00	0.00
	134	0.00	1.07	0.00	0.00	0.00	0.00
	135	0.00	0.79	0.00	0.00	0.00	0.00
	136	0.00	0.82	0.00	0.00	0.00	0.00
	137	0.00	0.48	0.00	0.00	0.00	0.00
	138	0.00	0.51	0.00	0.00	0.00	0.00
8	1	0.00	0.40	0.00	0.00	0.00	0.00
	2	0.00	-0.01	0.00	0.00	0.00	0.00
	3	0.00	0.21	0.00	0.00	0.00	0.00
	13	0.00	0.14	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.32	0.00	0.00	0.00	0.00
	15	0.00	0.20	0.00	0.00	0.00	0.00
	10	0.00	-0.01	0.00	0.00	0.00	0.00
	11	0.00	-0.01	0.00	0.00	0.00	0.00
	18	0.00	-2.50	0.00	0.00	0.00	0.00
	19	0.00	1.06	0.00	0.00	0.00	0.00
	20	0.00	2.05	0.00	0.00	0.00	0.00
	100	0.00	0.40	0.00	0.00	0.00	0.00
	101	0.00	0.47	0.00	0.00	0.00	0.00
	102	0.00	0.50	0.00	0.00	0.00	0.00

SUPPORT REACTIONS -UNIT KIP FEET STRUCTURE TYPE = PLANE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	103	0.00	0.49	0.00	0.00	0.00	0.00
	104	0.00	0.49	0.00	0.00	0.00	0.00
	105	0.00	1.55	0.00	0.00	0.00	0.00
	106	0.00	1.55	0.00	0.00	0.00	0.00
	107	0.00	2.55	0.00	0.00	0.00	0.00
	108	0.00	2.54	0.00	0.00	0.00	0.00
	111	0.00	0.51	0.00	0.00	0.00	0.00
	112	0.00	0.55	0.00	0.00	0.00	0.00
	113	0.00	0.54	0.00	0.00	0.00	0.00
	114	0.00	0.54	0.00	0.00	0.00	0.00
	115	0.00	0.12	0.00	0.00	0.00	0.00
	116	0.00	0.12	0.00	0.00	0.00	0.00
	117	0.00	0.09	0.00	0.00	0.00	0.00
	118	0.00	0.09	0.00	0.00	0.00	0.00
	121	0.00	0.54	0.00	0.00	0.00	0.00
	122	0.00	0.60	0.00	0.00	0.00	0.00
	123	0.00	0.60	0.00	0.00	0.00	0.00
	124	0.00	0.60	0.00	0.00	0.00	0.00
	125	0.00	1.66	0.00	0.00	0.00	0.00
	126	0.00	1.65	0.00	0.00	0.00	0.00
	127	0.00	2.65	0.00	0.00	0.00	0.00
	128	0.00	2.65	0.00	0.00	0.00	0.00
	131	0.00	0.61	0.00	0.00	0.00	0.00
	132	0.00	0.71	0.00	0.00	0.00	0.00
	133	0.00	0.70	0.00	0.00	0.00	0.00
	134	0.00	0.54	0.00	0.00	0.00	0.00
	135	0.00	0.28	0.00	0.00	0.00	0.00
	136	0.00	0.28	0.00	0.00	0.00	0.00
	137	0.00	0.25	0.00	0.00	0.00	0.00
	138	0.00	0.25	0.00	0.00	0.00	0.00
9	1	0.00	0.39	0.00	0.00	0.00	0.00
	2	0.00	0.02	0.00	0.00	0.00	0.00
	3	0.00	0.14	0.00	0.00	0.00	0.00
	13	0.00	0.09	0.00	0.00	0.00	0.00
	4	0.00	0.03	0.00	0.00	0.00	0.00
	5	0.00	0.22	0.00	0.00	0.00	0.00
	15	0.00	0.14	0.00	0.00	0.00	0.00
	10	0.00	0.01	0.00	0.00	0.00	0.00
	11	0.00	-0.04	0.00	0.00	0.00	0.00
	18	0.00	-2.54	0.00	0.00	0.00	0.00
	19	0.00	1.11	0.00	0.00	0.00	0.00
	20	0.00	2.14	0.00	0.00	0.00	0.00
	100	0.00	0.39	0.00	0.00	0.00	0.00
	101	0.00	0.44	0.00	0.00	0.00	0.00
	102	0.00	0.48	0.00	0.00	0.00	0.00
	103	0.00	0.49	0.00	0.00	0.00	0.00
	104	0.00	0.44	0.00	0.00	0.00	0.00
	105	0.00	1.60	0.00	0.00	0.00	0.00
	106	0.00	1.55	0.00	0.00	0.00	0.00
	107	0.00	2.63	0.00	0.00	0.00	0.00

SUPPORT REACTIONS -UNIT KIP FEET STRUCTURE TYPE = PLANE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	108	0.00	2.58	0.00	0.00	0.00	0.00
	111	0.00	0.46	0.00	0.00	0.00	0.00
	112	0.00	0.52	0.00	0.00	0.00	0.00
	113	0.00	0.54	0.00	0.00	0.00	0.00
	114	0.00	0.48	0.00	0.00	0.00	0.00
	115	0.00	0.15	0.00	0.00	0.00	0.00
	116	0.00	0.10	0.00	0.00	0.00	0.00
	117	0.00	0.14	0.00	0.00	0.00	0.00
	118	0.00	0.09	0.00	0.00	0.00	0.00
	121	0.00	0.48	0.00	0.00	0.00	0.00
	122	0.00	0.56	0.00	0.00	0.00	0.00
	123	0.00	0.57	0.00	0.00	0.00	0.00
	124	0.00	0.52	0.00	0.00	0.00	0.00
	125	0.00	1.68	0.00	0.00	0.00	0.00
	126	0.00	1.62	0.00	0.00	0.00	0.00
	127	0.00	2.70	0.00	0.00	0.00	0.00
	128	0.00	2.65	0.00	0.00	0.00	0.00
	131	0.00	0.53	0.00	0.00	0.00	0.00
	132	0.00	0.63	0.00	0.00	0.00	0.00
	133	0.00	0.64	0.00	0.00	0.00	0.00
	134	0.00	0.48	0.00	0.00	0.00	0.00
	135	0.00	0.26	0.00	0.00	0.00	0.00
	136	0.00	0.21	0.00	0.00	0.00	0.00
	137	0.00	0.25	0.00	0.00	0.00	0.00
	138	0.00	0.20	0.00	0.00	0.00	0.00
10	1	0.00	0.51	0.00	0.00	0.00	0.00
	2	0.00	0.24	0.00	0.00	0.00	0.00
	3	0.00	0.07	0.00	0.00	0.00	0.00
	13	0.00	0.04	0.00	0.00	0.00	0.00
	4	0.00	0.31	0.00	0.00	0.00	0.00
	5	0.00	0.10	0.00	0.00	0.00	0.00
	15	0.00	0.07	0.00	0.00	0.00	0.00
	10	0.00	0.13	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	-2.54	0.00	0.00	0.00	0.00
	19	0.00	1.15	0.00	0.00	0.00	0.00
	20	0.00	1.94	0.00	0.00	0.00	0.00
	100	0.00	0.51	0.00	0.00	0.00	0.00
	101	0.00	0.53	0.00	0.00	0.00	0.00
	102	0.00	0.78	0.00	0.00	0.00	0.00
	103	0.00	0.91	0.00	0.00	0.00	0.00
	104	0.00	0.79	0.00	0.00	0.00	0.00
	105	0.00	2.07	0.00	0.00	0.00	0.00
	106	0.00	1.94	0.00	0.00	0.00	0.00
	107	0.00	2.86	0.00	0.00	0.00	0.00
	108	0.00	2.73	0.00	0.00	0.00	0.00
	111	0.00	0.54	0.00	0.00	0.00	0.00
	112	0.00	0.87	0.00	0.00	0.00	0.00
	113	0.00	0.99	0.00	0.00	0.00	0.00
	114	0.00	0.87	0.00	0.00	0.00	0.00

SUPPORT REACTIONS -UNIT KIP FEET STRUCTURE TYPE = PLANE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	115	0.00	0.65	0.00	0.00	0.00	0.00
	116	0.00	0.52	0.00	0.00	0.00	0.00
	117	0.00	0.39	0.00	0.00	0.00	0.00
	118	0.00	0.27	0.00	0.00	0.00	0.00
	121	0.00	0.55	0.00	0.00	0.00	0.00
	122	0.00	0.82	0.00	0.00	0.00	0.00
	123	0.00	0.94	0.00	0.00	0.00	0.00
	124	0.00	0.82	0.00	0.00	0.00	0.00
	125	0.00	2.10	0.00	0.00	0.00	0.00
	126	0.00	1.97	0.00	0.00	0.00	0.00
	127	0.00	2.89	0.00	0.00	0.00	0.00
	128	0.00	2.76	0.00	0.00	0.00	0.00
	131	0.00	0.57	0.00	0.00	0.00	0.00
	132	0.00	0.92	0.00	0.00	0.00	0.00
	133	0.00	1.04	0.00	0.00	0.00	0.00
	134	0.00	0.87	0.00	0.00	0.00	0.00
	135	0.00	0.70	0.00	0.00	0.00	0.00
	136	0.00	0.57	0.00	0.00	0.00	0.00
	137	0.00	0.44	0.00	0.00	0.00	0.00
	138	0.00	0.32	0.00	0.00	0.00	0.00
11	1	0.00	0.73	0.00	0.00	0.00	0.00
	2	0.00	0.64	0.00	0.00	0.00	0.00
	3	0.00	-0.01	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.81	0.00	0.00	0.00	0.00
	5	0.00	-0.02	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.33	0.00	0.00	0.00	0.00
	11	0.00	0.10	0.00	0.00	0.00	0.00
	18	0.00	-2.54	0.00	0.00	0.00	0.00
	19	0.00	1.19	0.00	0.00	0.00	0.00
	20	0.00	1.50	0.00	0.00	0.00	0.00
	100	0.00	0.73	0.00	0.00	0.00	0.00
	101	0.00	0.73	0.00	0.00	0.00	0.00
	102	0.00	1.36	0.00	0.00	0.00	0.00
	103	0.00	1.69	0.00	0.00	0.00	0.00
	104	0.00	1.46	0.00	0.00	0.00	0.00
	105	0.00	2.89	0.00	0.00	0.00	0.00
	106	0.00	2.66	0.00	0.00	0.00	0.00
	107	0.00	3.19	0.00	0.00	0.00	0.00
	108	0.00	2.96	0.00	0.00	0.00	0.00
	111	0.00	0.73	0.00	0.00	0.00	0.00
	112	0.00	1.53	0.00	0.00	0.00	0.00
	113	0.00	1.87	0.00	0.00	0.00	0.00
	114	0.00	1.64	0.00	0.00	0.00	0.00
	115	0.00	1.56	0.00	0.00	0.00	0.00
	116	0.00	1.33	0.00	0.00	0.00	0.00
	117	0.00	0.82	0.00	0.00	0.00	0.00
	118	0.00	0.59	0.00	0.00	0.00	0.00
	121	0.00	0.73	0.00	0.00	0.00	0.00

SUPPORT REACTIONS -UNIT KIP FEET STRUCTURE TYPE = PLANE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	122	0.00	1.36	0.00	0.00	0.00	0.00
	123	0.00	1.69	0.00	0.00	0.00	0.00
	124	0.00	1.46	0.00	0.00	0.00	0.00
	125	0.00	2.88	0.00	0.00	0.00	0.00
	126	0.00	2.65	0.00	0.00	0.00	0.00
	127	0.00	3.19	0.00	0.00	0.00	0.00
	128	0.00	2.96	0.00	0.00	0.00	0.00
	131	0.00	0.73	0.00	0.00	0.00	0.00
	132	0.00	1.53	0.00	0.00	0.00	0.00
	133	0.00	1.86	0.00	0.00	0.00	0.00
	134	0.00	1.64	0.00	0.00	0.00	0.00
	135	0.00	1.55	0.00	0.00	0.00	0.00
	136	0.00	1.32	0.00	0.00	0.00	0.00
	137	0.00	0.82	0.00	0.00	0.00	0.00
	138	0.00	0.59	0.00	0.00	0.00	0.00
12	1	0.00	1.03	0.00	0.00	0.00	0.00
	2	0.00	1.14	0.00	0.00	0.00	0.00
	3	0.00	-0.08	0.00	0.00	0.00	0.00
	13	0.00	-0.05	0.00	0.00	0.00	0.00
	4	0.00	1.46	0.00	0.00	0.00	0.00
	5	0.00	-0.12	0.00	0.00	0.00	0.00
	15	0.00	-0.07	0.00	0.00	0.00	0.00
	10	0.00	0.60	0.00	0.00	0.00	0.00
	11	0.00	0.24	0.00	0.00	0.00	0.00
	18	0.00	-2.53	0.00	0.00	0.00	0.00
	19	0.00	1.22	0.00	0.00	0.00	0.00
	20	0.00	0.87	0.00	0.00	0.00	0.00
	100	0.00	1.03	0.00	0.00	0.00	0.00
	101	0.00	1.01	0.00	0.00	0.00	0.00
	102	0.00	2.13	0.00	0.00	0.00	0.00
	103	0.00	2.73	0.00	0.00	0.00	0.00
	104	0.00	2.38	0.00	0.00	0.00	0.00
	105	0.00	3.95	0.00	0.00	0.00	0.00
	106	0.00	3.60	0.00	0.00	0.00	0.00
	107	0.00	3.60	0.00	0.00	0.00	0.00
	108	0.00	3.24	0.00	0.00	0.00	0.00
	111	0.00	0.99	0.00	0.00	0.00	0.00
	112	0.00	2.43	0.00	0.00	0.00	0.00
	113	0.00	3.02	0.00	0.00	0.00	0.00
	114	0.00	2.67	0.00	0.00	0.00	0.00
	115	0.00	2.76	0.00	0.00	0.00	0.00
	116	0.00	2.40	0.00	0.00	0.00	0.00
	117	0.00	1.37	0.00	0.00	0.00	0.00
	118	0.00	1.01	0.00	0.00	0.00	0.00
	121	0.00	0.98	0.00	0.00	0.00	0.00
	122	0.00	2.09	0.00	0.00	0.00	0.00
	123	0.00	2.69	0.00	0.00	0.00	0.00
	124	0.00	2.34	0.00	0.00	0.00	0.00
	125	0.00	3.91	0.00	0.00	0.00	0.00
	126	0.00	3.56	0.00	0.00	0.00	0.00

SUPPORT REACTIONS -UNIT KIP FEET STRUCTURE TYPE = PLANE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	127	0.00	3.56	0.00	0.00	0.00	0.00
	128	0.00	3.20	0.00	0.00	0.00	0.00
	131	0.00	0.96	0.00	0.00	0.00	0.00
	132	0.00	2.37	0.00	0.00	0.00	0.00
	133	0.00	2.97	0.00	0.00	0.00	0.00
	134	0.00	2.67	0.00	0.00	0.00	0.00
	135	0.00	2.70	0.00	0.00	0.00	0.00
	136	0.00	2.34	0.00	0.00	0.00	0.00
	137	0.00	1.31	0.00	0.00	0.00	0.00
	138	0.00	0.95	0.00	0.00	0.00	0.00
13	1	0.00	1.32	0.00	0.00	0.00	0.00
	2	0.00	1.65	0.00	0.00	0.00	0.00
	3	0.00	-0.13	0.00	0.00	0.00	0.00
	13	0.00	-0.08	0.00	0.00	0.00	0.00
	4	0.00	2.10	0.00	0.00	0.00	0.00
	5	0.00	-0.20	0.00	0.00	0.00	0.00
	15	0.00	-0.12	0.00	0.00	0.00	0.00
	10	0.00	0.86	0.00	0.00	0.00	0.00
	11	0.00	0.39	0.00	0.00	0.00	0.00
	18	0.00	-2.52	0.00	0.00	0.00	0.00
	19	0.00	1.24	0.00	0.00	0.00	0.00
	20	0.00	0.23	0.00	0.00	0.00	0.00
	100	0.00	1.32	0.00	0.00	0.00	0.00
	101	0.00	1.28	0.00	0.00	0.00	0.00
	102	0.00	2.90	0.00	0.00	0.00	0.00
	103	0.00	3.76	0.00	0.00	0.00	0.00
	104	0.00	3.29	0.00	0.00	0.00	0.00
	105	0.00	5.01	0.00	0.00	0.00	0.00
	106	0.00	4.54	0.00	0.00	0.00	0.00
	107	0.00	3.99	0.00	0.00	0.00	0.00
	108	0.00	3.52	0.00	0.00	0.00	0.00
	111	0.00	1.26	0.00	0.00	0.00	0.00
	112	0.00	3.32	0.00	0.00	0.00	0.00
	113	0.00	4.18	0.00	0.00	0.00	0.00
	114	0.00	3.71	0.00	0.00	0.00	0.00
	115	0.00	3.94	0.00	0.00	0.00	0.00
	116	0.00	3.47	0.00	0.00	0.00	0.00
	117	0.00	1.89	0.00	0.00	0.00	0.00
	118	0.00	1.42	0.00	0.00	0.00	0.00
	121	0.00	1.25	0.00	0.00	0.00	0.00
	122	0.00	2.84	0.00	0.00	0.00	0.00
	123	0.00	3.70	0.00	0.00	0.00	0.00
	124	0.00	3.23	0.00	0.00	0.00	0.00
	125	0.00	4.94	0.00	0.00	0.00	0.00
	126	0.00	4.47	0.00	0.00	0.00	0.00
	127	0.00	3.93	0.00	0.00	0.00	0.00
	128	0.00	3.46	0.00	0.00	0.00	0.00
	131	0.00	1.21	0.00	0.00	0.00	0.00
	132	0.00	3.22	0.00	0.00	0.00	0.00
	133	0.00	4.08	0.00	0.00	0.00	0.00

SUPPORT REACTIONS -UNIT KIP FEET STRUCTURE TYPE = PLANE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	134	0.00	3.71	0.00	0.00	0.00	0.00
	135	0.00	3.84	0.00	0.00	0.00	0.00
	136	0.00	3.37	0.00	0.00	0.00	0.00
	137	0.00	1.79	0.00	0.00	0.00	0.00
	138	0.00	1.32	0.00	0.00	0.00	0.00
14	1	0.00	1.47	0.00	0.00	0.00	0.00
	2	0.00	1.90	0.00	0.00	0.00	0.00
	3	0.00	-0.15	0.00	0.00	0.00	0.00
	13	0.00	-0.09	0.00	0.00	0.00	0.00
	4	0.00	2.41	0.00	0.00	0.00	0.00
	5	0.00	-0.23	0.00	0.00	0.00	0.00
	15	0.00	-0.14	0.00	0.00	0.00	0.00
	10	0.00	0.99	0.00	0.00	0.00	0.00
	11	0.00	0.50	0.00	0.00	0.00	0.00
	18	0.00	-2.51	0.00	0.00	0.00	0.00
	19	0.00	1.25	0.00	0.00	0.00	0.00
	20	0.00	-0.10	0.00	0.00	0.00	0.00
	100	0.00	1.47	0.00	0.00	0.00	0.00
	101	0.00	1.42	0.00	0.00	0.00	0.00
	102	0.00	3.29	0.00	0.00	0.00	0.00
	103	0.00	4.28	0.00	0.00	0.00	0.00
	104	0.00	3.78	0.00	0.00	0.00	0.00
	105	0.00	5.53	0.00	0.00	0.00	0.00
	106	0.00	5.04	0.00	0.00	0.00	0.00
	107	0.00	4.18	0.00	0.00	0.00	0.00
	108	0.00	3.69	0.00	0.00	0.00	0.00
	111	0.00	1.40	0.00	0.00	0.00	0.00
	112	0.00	3.77	0.00	0.00	0.00	0.00
	113	0.00	4.76	0.00	0.00	0.00	0.00
	114	0.00	4.26	0.00	0.00	0.00	0.00
	115	0.00	4.53	0.00	0.00	0.00	0.00
	116	0.00	4.03	0.00	0.00	0.00	0.00
	117	0.00	2.15	0.00	0.00	0.00	0.00
	118	0.00	1.65	0.00	0.00	0.00	0.00
	121	0.00	1.38	0.00	0.00	0.00	0.00
	122	0.00	3.21	0.00	0.00	0.00	0.00
	123	0.00	4.20	0.00	0.00	0.00	0.00
	124	0.00	3.71	0.00	0.00	0.00	0.00
	125	0.00	5.45	0.00	0.00	0.00	0.00
	126	0.00	4.96	0.00	0.00	0.00	0.00
	127	0.00	4.11	0.00	0.00	0.00	0.00
	128	0.00	3.61	0.00	0.00	0.00	0.00
	131	0.00	1.33	0.00	0.00	0.00	0.00
	132	0.00	3.65	0.00	0.00	0.00	0.00
	133	0.00	4.64	0.00	0.00	0.00	0.00
	134	0.00	4.26	0.00	0.00	0.00	0.00
	135	0.00	4.41	0.00	0.00	0.00	0.00
	136	0.00	3.92	0.00	0.00	0.00	0.00
	137	0.00	2.03	0.00	0.00	0.00	0.00
	138	0.00	1.54	0.00	0.00	0.00	0.00

SUPPORT REACTIONS -UNIT KIP FEET STRUCTURE TYPE = PLANE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
15	1	0.00	1.32	0.00	0.00	0.00	0.00
	2	0.00	1.65	0.00	0.00	0.00	0.00
	3	0.00	-0.13	0.00	0.00	0.00	0.00
	13	0.00	-0.08	0.00	0.00	0.00	0.00
	4	0.00	2.10	0.00	0.00	0.00	0.00
	5	0.00	-0.20	0.00	0.00	0.00	0.00
	15	0.00	-0.12	0.00	0.00	0.00	0.00
	10	0.00	0.86	0.00	0.00	0.00	0.00
	11	0.00	0.47	0.00	0.00	0.00	0.00
	18	0.00	-2.52	0.00	0.00	0.00	0.00
	19	0.00	1.24	0.00	0.00	0.00	0.00
	20	0.00	0.23	0.00	0.00	0.00	0.00
	100	0.00	1.32	0.00	0.00	0.00	0.00
	101	0.00	1.28	0.00	0.00	0.00	0.00
	102	0.00	2.90	0.00	0.00	0.00	0.00
	103	0.00	3.76	0.00	0.00	0.00	0.00
	104	0.00	3.37	0.00	0.00	0.00	0.00
	105	0.00	5.01	0.00	0.00	0.00	0.00
	106	0.00	4.62	0.00	0.00	0.00	0.00
	107	0.00	3.99	0.00	0.00	0.00	0.00
	108	0.00	3.60	0.00	0.00	0.00	0.00
	111	0.00	1.26	0.00	0.00	0.00	0.00
	112	0.00	3.32	0.00	0.00	0.00	0.00
	113	0.00	4.18	0.00	0.00	0.00	0.00
	114	0.00	3.79	0.00	0.00	0.00	0.00
	115	0.00	3.94	0.00	0.00	0.00	0.00
	116	0.00	3.55	0.00	0.00	0.00	0.00
	117	0.00	1.89	0.00	0.00	0.00	0.00
	118	0.00	1.50	0.00	0.00	0.00	0.00
	121	0.00	1.25	0.00	0.00	0.00	0.00
	122	0.00	2.84	0.00	0.00	0.00	0.00
	123	0.00	3.70	0.00	0.00	0.00	0.00
	124	0.00	3.31	0.00	0.00	0.00	0.00
	125	0.00	4.94	0.00	0.00	0.00	0.00
	126	0.00	4.55	0.00	0.00	0.00	0.00
	127	0.00	3.93	0.00	0.00	0.00	0.00
	128	0.00	3.53	0.00	0.00	0.00	0.00
	131	0.00	1.21	0.00	0.00	0.00	0.00
	132	0.00	3.22	0.00	0.00	0.00	0.00
	133	0.00	4.08	0.00	0.00	0.00	0.00
	134	0.00	3.79	0.00	0.00	0.00	0.00
	135	0.00	3.84	0.00	0.00	0.00	0.00
	136	0.00	3.45	0.00	0.00	0.00	0.00
	137	0.00	1.79	0.00	0.00	0.00	0.00
	138	0.00	1.40	0.00	0.00	0.00	0.00
16	1	0.00	1.03	0.00	0.00	0.00	0.00
	2	0.00	1.14	0.00	0.00	0.00	0.00
	3	0.00	-0.08	0.00	0.00	0.00	0.00
	13	0.00	-0.05	0.00	0.00	0.00	0.00
	4	0.00	1.46	0.00	0.00	0.00	0.00

SUPPORT REACTIONS -UNIT KIP FEET STRUCTURE TYPE = PLANE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	5	0.00	-0.12	0.00	0.00	0.00	0.00
	15	0.00	-0.07	0.00	0.00	0.00	0.00
	10	0.00	0.60	0.00	0.00	0.00	0.00
	11	0.00	0.36	0.00	0.00	0.00	0.00
	18	0.00	-2.53	0.00	0.00	0.00	0.00
	19	0.00	1.22	0.00	0.00	0.00	0.00
	20	0.00	0.87	0.00	0.00	0.00	0.00
	100	0.00	1.03	0.00	0.00	0.00	0.00
	101	0.00	1.01	0.00	0.00	0.00	0.00
	102	0.00	2.13	0.00	0.00	0.00	0.00
	103	0.00	2.73	0.00	0.00	0.00	0.00
	104	0.00	2.49	0.00	0.00	0.00	0.00
	105	0.00	3.95	0.00	0.00	0.00	0.00
	106	0.00	3.71	0.00	0.00	0.00	0.00
	107	0.00	3.60	0.00	0.00	0.00	0.00
	108	0.00	3.36	0.00	0.00	0.00	0.00
	111	0.00	0.99	0.00	0.00	0.00	0.00
	112	0.00	2.43	0.00	0.00	0.00	0.00
	113	0.00	3.02	0.00	0.00	0.00	0.00
	114	0.00	2.78	0.00	0.00	0.00	0.00
	115	0.00	2.76	0.00	0.00	0.00	0.00
	116	0.00	2.51	0.00	0.00	0.00	0.00
	117	0.00	1.37	0.00	0.00	0.00	0.00
	118	0.00	1.12	0.00	0.00	0.00	0.00
	121	0.00	0.98	0.00	0.00	0.00	0.00
	122	0.00	2.09	0.00	0.00	0.00	0.00
	123	0.00	2.69	0.00	0.00	0.00	0.00
	124	0.00	2.45	0.00	0.00	0.00	0.00
	125	0.00	3.91	0.00	0.00	0.00	0.00
	126	0.00	3.67	0.00	0.00	0.00	0.00
	127	0.00	3.56	0.00	0.00	0.00	0.00
	128	0.00	3.32	0.00	0.00	0.00	0.00
	131	0.00	0.96	0.00	0.00	0.00	0.00
	132	0.00	2.37	0.00	0.00	0.00	0.00
	133	0.00	2.97	0.00	0.00	0.00	0.00
	134	0.00	2.78	0.00	0.00	0.00	0.00
	135	0.00	2.70	0.00	0.00	0.00	0.00
	136	0.00	2.45	0.00	0.00	0.00	0.00
	137	0.00	1.31	0.00	0.00	0.00	0.00
	138	0.00	1.06	0.00	0.00	0.00	0.00
17	1	0.00	0.73	0.00	0.00	0.00	0.00
	2	0.00	0.64	0.00	0.00	0.00	0.00
	3	0.00	-0.01	0.00	0.00	0.00	0.00
	13	0.00	0.00	0.00	0.00	0.00	0.00
	4	0.00	0.81	0.00	0.00	0.00	0.00
	5	0.00	-0.02	0.00	0.00	0.00	0.00
	15	0.00	0.00	0.00	0.00	0.00	0.00
	10	0.00	0.33	0.00	0.00	0.00	0.00
	11	0.00	0.23	0.00	0.00	0.00	0.00
	18	0.00	-2.54	0.00	0.00	0.00	0.00

SUPPORT REACTIONS -UNIT KIP FEET STRUCTURE TYPE = PLANE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	19	0.00	1.19	0.00	0.00	0.00	0.00
	20	0.00	1.50	0.00	0.00	0.00	0.00
	100	0.00	0.73	0.00	0.00	0.00	0.00
	101	0.00	0.73	0.00	0.00	0.00	0.00
	102	0.00	1.36	0.00	0.00	0.00	0.00
	103	0.00	1.69	0.00	0.00	0.00	0.00
	104	0.00	1.59	0.00	0.00	0.00	0.00
	105	0.00	2.89	0.00	0.00	0.00	0.00
	106	0.00	2.78	0.00	0.00	0.00	0.00
	107	0.00	3.19	0.00	0.00	0.00	0.00
	108	0.00	3.09	0.00	0.00	0.00	0.00
	111	0.00	0.73	0.00	0.00	0.00	0.00
	112	0.00	1.53	0.00	0.00	0.00	0.00
	113	0.00	1.87	0.00	0.00	0.00	0.00
	114	0.00	1.76	0.00	0.00	0.00	0.00
	115	0.00	1.56	0.00	0.00	0.00	0.00
	116	0.00	1.46	0.00	0.00	0.00	0.00
	117	0.00	0.82	0.00	0.00	0.00	0.00
	118	0.00	0.72	0.00	0.00	0.00	0.00
	121	0.00	0.73	0.00	0.00	0.00	0.00
	122	0.00	1.36	0.00	0.00	0.00	0.00
	123	0.00	1.69	0.00	0.00	0.00	0.00
	124	0.00	1.59	0.00	0.00	0.00	0.00
	125	0.00	2.88	0.00	0.00	0.00	0.00
	126	0.00	2.78	0.00	0.00	0.00	0.00
	127	0.00	3.19	0.00	0.00	0.00	0.00
	128	0.00	3.08	0.00	0.00	0.00	0.00
	131	0.00	0.73	0.00	0.00	0.00	0.00
	132	0.00	1.53	0.00	0.00	0.00	0.00
	133	0.00	1.86	0.00	0.00	0.00	0.00
	134	0.00	1.76	0.00	0.00	0.00	0.00
	135	0.00	1.55	0.00	0.00	0.00	0.00
	136	0.00	1.45	0.00	0.00	0.00	0.00
	137	0.00	0.82	0.00	0.00	0.00	0.00
	138	0.00	0.71	0.00	0.00	0.00	0.00
18	1	0.00	0.51	0.00	0.00	0.00	0.00
	2	0.00	0.24	0.00	0.00	0.00	0.00
	3	0.00	0.07	0.00	0.00	0.00	0.00
	13	0.00	0.04	0.00	0.00	0.00	0.00
	4	0.00	0.31	0.00	0.00	0.00	0.00
	5	0.00	0.10	0.00	0.00	0.00	0.00
	15	0.00	0.07	0.00	0.00	0.00	0.00
	10	0.00	0.13	0.00	0.00	0.00	0.00
	11	0.00	0.13	0.00	0.00	0.00	0.00
	18	0.00	-2.54	0.00	0.00	0.00	0.00
	19	0.00	1.15	0.00	0.00	0.00	0.00
	20	0.00	1.94	0.00	0.00	0.00	0.00
	100	0.00	0.51	0.00	0.00	0.00	0.00
	101	0.00	0.53	0.00	0.00	0.00	0.00
	102	0.00	0.78	0.00	0.00	0.00	0.00

SUPPORT REACTIONS -UNIT KIP FEET STRUCTURE TYPE = PLANE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	103	0.00	0.91	0.00	0.00	0.00	0.00
	104	0.00	0.91	0.00	0.00	0.00	0.00
	105	0.00	2.07	0.00	0.00	0.00	0.00
	106	0.00	2.06	0.00	0.00	0.00	0.00
	107	0.00	2.86	0.00	0.00	0.00	0.00
	108	0.00	2.85	0.00	0.00	0.00	0.00
	111	0.00	0.54	0.00	0.00	0.00	0.00
	112	0.00	0.87	0.00	0.00	0.00	0.00
	113	0.00	0.99	0.00	0.00	0.00	0.00
	114	0.00	0.99	0.00	0.00	0.00	0.00
	115	0.00	0.65	0.00	0.00	0.00	0.00
	116	0.00	0.64	0.00	0.00	0.00	0.00
	117	0.00	0.39	0.00	0.00	0.00	0.00
	118	0.00	0.39	0.00	0.00	0.00	0.00
	121	0.00	0.55	0.00	0.00	0.00	0.00
	122	0.00	0.82	0.00	0.00	0.00	0.00
	123	0.00	0.94	0.00	0.00	0.00	0.00
	124	0.00	0.94	0.00	0.00	0.00	0.00
	125	0.00	2.10	0.00	0.00	0.00	0.00
	126	0.00	2.10	0.00	0.00	0.00	0.00
	127	0.00	2.89	0.00	0.00	0.00	0.00
	128	0.00	2.89	0.00	0.00	0.00	0.00
	131	0.00	0.57	0.00	0.00	0.00	0.00
	132	0.00	0.92	0.00	0.00	0.00	0.00
	133	0.00	1.04	0.00	0.00	0.00	0.00
	134	0.00	0.99	0.00	0.00	0.00	0.00
	135	0.00	0.70	0.00	0.00	0.00	0.00
	136	0.00	0.69	0.00	0.00	0.00	0.00
	137	0.00	0.44	0.00	0.00	0.00	0.00
	138	0.00	0.44	0.00	0.00	0.00	0.00
19	1	0.00	0.39	0.00	0.00	0.00	0.00
	2	0.00	0.02	0.00	0.00	0.00	0.00
	3	0.00	0.14	0.00	0.00	0.00	0.00
	13	0.00	0.09	0.00	0.00	0.00	0.00
	4	0.00	0.03	0.00	0.00	0.00	0.00
	5	0.00	0.22	0.00	0.00	0.00	0.00
	15	0.00	0.14	0.00	0.00	0.00	0.00
	10	0.00	0.01	0.00	0.00	0.00	0.00
	11	0.00	0.05	0.00	0.00	0.00	0.00
	18	0.00	-2.54	0.00	0.00	0.00	0.00
	19	0.00	1.11	0.00	0.00	0.00	0.00
	20	0.00	2.14	0.00	0.00	0.00	0.00
	100	0.00	0.39	0.00	0.00	0.00	0.00
	101	0.00	0.44	0.00	0.00	0.00	0.00
	102	0.00	0.48	0.00	0.00	0.00	0.00
	103	0.00	0.49	0.00	0.00	0.00	0.00
	104	0.00	0.53	0.00	0.00	0.00	0.00
	105	0.00	1.60	0.00	0.00	0.00	0.00
	106	0.00	1.64	0.00	0.00	0.00	0.00
	107	0.00	2.63	0.00	0.00	0.00	0.00

SUPPORT REACTIONS -UNIT KIP FEET STRUCTURE TYPE = PLANE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	108	0.00	2.67	0.00	0.00	0.00	0.00
	111	0.00	0.46	0.00	0.00	0.00	0.00
	112	0.00	0.52	0.00	0.00	0.00	0.00
	113	0.00	0.54	0.00	0.00	0.00	0.00
	114	0.00	0.58	0.00	0.00	0.00	0.00
	115	0.00	0.15	0.00	0.00	0.00	0.00
	116	0.00	0.19	0.00	0.00	0.00	0.00
	117	0.00	0.14	0.00	0.00	0.00	0.00
	118	0.00	0.18	0.00	0.00	0.00	0.00
	121	0.00	0.48	0.00	0.00	0.00	0.00
	122	0.00	0.56	0.00	0.00	0.00	0.00
	123	0.00	0.57	0.00	0.00	0.00	0.00
	124	0.00	0.61	0.00	0.00	0.00	0.00
	125	0.00	1.68	0.00	0.00	0.00	0.00
	126	0.00	1.72	0.00	0.00	0.00	0.00
	127	0.00	2.70	0.00	0.00	0.00	0.00
	128	0.00	2.74	0.00	0.00	0.00	0.00
	131	0.00	0.53	0.00	0.00	0.00	0.00
	132	0.00	0.63	0.00	0.00	0.00	0.00
	133	0.00	0.64	0.00	0.00	0.00	0.00
	134	0.00	0.58	0.00	0.00	0.00	0.00
	135	0.00	0.26	0.00	0.00	0.00	0.00
	136	0.00	0.30	0.00	0.00	0.00	0.00
	137	0.00	0.25	0.00	0.00	0.00	0.00
	138	0.00	0.29	0.00	0.00	0.00	0.00
20	1	0.00	0.40	0.00	0.00	0.00	0.00
	2	0.00	-0.01	0.00	0.00	0.00	0.00
	3	0.00	0.21	0.00	0.00	0.00	0.00
	13	0.00	0.14	0.00	0.00	0.00	0.00
	4	0.00	-0.02	0.00	0.00	0.00	0.00
	5	0.00	0.32	0.00	0.00	0.00	0.00
	15	0.00	0.20	0.00	0.00	0.00	0.00
	10	0.00	-0.01	0.00	0.00	0.00	0.00
	11	0.00	0.00	0.00	0.00	0.00	0.00
	18	0.00	-2.50	0.00	0.00	0.00	0.00
	19	0.00	1.06	0.00	0.00	0.00	0.00
	20	0.00	2.05	0.00	0.00	0.00	0.00
	100	0.00	0.40	0.00	0.00	0.00	0.00
	101	0.00	0.47	0.00	0.00	0.00	0.00
	102	0.00	0.50	0.00	0.00	0.00	0.00
	103	0.00	0.49	0.00	0.00	0.00	0.00
	104	0.00	0.50	0.00	0.00	0.00	0.00
	105	0.00	1.55	0.00	0.00	0.00	0.00
	106	0.00	1.56	0.00	0.00	0.00	0.00
	107	0.00	2.55	0.00	0.00	0.00	0.00
	108	0.00	2.56	0.00	0.00	0.00	0.00
	111	0.00	0.51	0.00	0.00	0.00	0.00
	112	0.00	0.55	0.00	0.00	0.00	0.00
	113	0.00	0.54	0.00	0.00	0.00	0.00
	114	0.00	0.55	0.00	0.00	0.00	0.00

SUPPORT REACTIONS -UNIT KIP FEET STRUCTURE TYPE = PLANE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	115	0.00	0.12	0.00	0.00	0.00	0.00
	116	0.00	0.13	0.00	0.00	0.00	0.00
	117	0.00	0.09	0.00	0.00	0.00	0.00
	118	0.00	0.10	0.00	0.00	0.00	0.00
	121	0.00	0.54	0.00	0.00	0.00	0.00
	122	0.00	0.60	0.00	0.00	0.00	0.00
	123	0.00	0.60	0.00	0.00	0.00	0.00
	124	0.00	0.61	0.00	0.00	0.00	0.00
	125	0.00	1.66	0.00	0.00	0.00	0.00
	126	0.00	1.66	0.00	0.00	0.00	0.00
	127	0.00	2.65	0.00	0.00	0.00	0.00
	128	0.00	2.66	0.00	0.00	0.00	0.00
	131	0.00	0.61	0.00	0.00	0.00	0.00
	132	0.00	0.71	0.00	0.00	0.00	0.00
	133	0.00	0.70	0.00	0.00	0.00	0.00
	134	0.00	0.55	0.00	0.00	0.00	0.00
	135	0.00	0.28	0.00	0.00	0.00	0.00
	136	0.00	0.29	0.00	0.00	0.00	0.00
	137	0.00	0.25	0.00	0.00	0.00	0.00
	138	0.00	0.26	0.00	0.00	0.00	0.00
21	1	0.00	0.57	0.00	0.00	0.00	0.00
	2	0.00	0.16	0.00	0.00	0.00	0.00
	3	0.00	0.24	0.00	0.00	0.00	0.00
	13	0.00	0.15	0.00	0.00	0.00	0.00
	4	0.00	0.21	0.00	0.00	0.00	0.00
	5	0.00	0.36	0.00	0.00	0.00	0.00
	15	0.00	0.23	0.00	0.00	0.00	0.00
	10	0.00	0.08	0.00	0.00	0.00	0.00
	11	0.00	-0.03	0.00	0.00	0.00	0.00
	18	0.00	-2.43	0.00	0.00	0.00	0.00
	19	0.00	1.01	0.00	0.00	0.00	0.00
	20	0.00	1.70	0.00	0.00	0.00	0.00
	100	0.00	0.57	0.00	0.00	0.00	0.00
	101	0.00	0.64	0.00	0.00	0.00	0.00
	102	0.00	0.85	0.00	0.00	0.00	0.00
	103	0.00	0.93	0.00	0.00	0.00	0.00
	104	0.00	0.82	0.00	0.00	0.00	0.00
	105	0.00	1.95	0.00	0.00	0.00	0.00
	106	0.00	1.83	0.00	0.00	0.00	0.00
	107	0.00	2.63	0.00	0.00	0.00	0.00
	108	0.00	2.52	0.00	0.00	0.00	0.00
	111	0.00	0.68	0.00	0.00	0.00	0.00
	112	0.00	0.95	0.00	0.00	0.00	0.00
	113	0.00	1.04	0.00	0.00	0.00	0.00
	114	0.00	0.92	0.00	0.00	0.00	0.00
	115	0.00	0.61	0.00	0.00	0.00	0.00
	116	0.00	0.50	0.00	0.00	0.00	0.00
	117	0.00	0.30	0.00	0.00	0.00	0.00
	118	0.00	0.19	0.00	0.00	0.00	0.00
	121	0.00	0.72	0.00	0.00	0.00	0.00

SUPPORT REACTIONS -UNIT KIP FEET STRUCTURE TYPE = PLANE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	122	0.00	0.97	0.00	0.00	0.00	0.00
	123	0.00	1.05	0.00	0.00	0.00	0.00
	124	0.00	0.94	0.00	0.00	0.00	0.00
	125	0.00	2.07	0.00	0.00	0.00	0.00
	126	0.00	1.95	0.00	0.00	0.00	0.00
	127	0.00	2.75	0.00	0.00	0.00	0.00
	128	0.00	2.64	0.00	0.00	0.00	0.00
	131	0.00	0.80	0.00	0.00	0.00	0.00
	132	0.00	1.13	0.00	0.00	0.00	0.00
	133	0.00	1.22	0.00	0.00	0.00	0.00
	134	0.00	0.92	0.00	0.00	0.00	0.00
	135	0.00	0.79	0.00	0.00	0.00	0.00
	136	0.00	0.68	0.00	0.00	0.00	0.00
	137	0.00	0.48	0.00	0.00	0.00	0.00
	138	0.00	0.37	0.00	0.00	0.00	0.00
22	1	0.00	0.89	0.00	0.00	0.00	0.00
	2	0.00	0.56	0.00	0.00	0.00	0.00
	3	0.00	0.18	0.00	0.00	0.00	0.00
	13	0.00	0.11	0.00	0.00	0.00	0.00
	4	0.00	0.71	0.00	0.00	0.00	0.00
	5	0.00	0.27	0.00	0.00	0.00	0.00
	15	0.00	0.17	0.00	0.00	0.00	0.00
	10	0.00	0.29	0.00	0.00	0.00	0.00
	11	0.00	-0.06	0.00	0.00	0.00	0.00
	18	0.00	-2.32	0.00	0.00	0.00	0.00
	19	0.00	0.99	0.00	0.00	0.00	0.00
	20	0.00	1.12	0.00	0.00	0.00	0.00
	100	0.00	0.89	0.00	0.00	0.00	0.00
	101	0.00	0.95	0.00	0.00	0.00	0.00
	102	0.00	1.54	0.00	0.00	0.00	0.00
	103	0.00	1.83	0.00	0.00	0.00	0.00
	104	0.00	1.48	0.00	0.00	0.00	0.00
	105	0.00	2.82	0.00	0.00	0.00	0.00
	106	0.00	2.47	0.00	0.00	0.00	0.00
	107	0.00	2.94	0.00	0.00	0.00	0.00
	108	0.00	2.59	0.00	0.00	0.00	0.00
	111	0.00	0.97	0.00	0.00	0.00	0.00
	112	0.00	1.73	0.00	0.00	0.00	0.00
	113	0.00	2.02	0.00	0.00	0.00	0.00
	114	0.00	1.67	0.00	0.00	0.00	0.00
	115	0.00	1.65	0.00	0.00	0.00	0.00
	116	0.00	1.30	0.00	0.00	0.00	0.00
	117	0.00	0.82	0.00	0.00	0.00	0.00
	118	0.00	0.47	0.00	0.00	0.00	0.00
	121	0.00	1.00	0.00	0.00	0.00	0.00
	122	0.00	1.63	0.00	0.00	0.00	0.00
	123	0.00	1.92	0.00	0.00	0.00	0.00
	124	0.00	1.57	0.00	0.00	0.00	0.00
	125	0.00	2.91	0.00	0.00	0.00	0.00
	126	0.00	2.56	0.00	0.00	0.00	0.00

SUPPORT REACTIONS -UNIT KIP FEET STRUCTURE TYPE = PLANE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	127	0.00	3.03	0.00	0.00	0.00	0.00
	128	0.00	2.68	0.00	0.00	0.00	0.00
	131	0.00	1.06	0.00	0.00	0.00	0.00
	132	0.00	1.87	0.00	0.00	0.00	0.00
	133	0.00	2.16	0.00	0.00	0.00	0.00
	134	0.00	1.67	0.00	0.00	0.00	0.00
	135	0.00	1.78	0.00	0.00	0.00	0.00
	136	0.00	1.43	0.00	0.00	0.00	0.00
	137	0.00	0.96	0.00	0.00	0.00	0.00
	138	0.00	0.60	0.00	0.00	0.00	0.00
23	1	0.00	1.36	0.00	0.00	0.00	0.00
	2	0.00	1.17	0.00	0.00	0.00	0.00
	3	0.00	-0.05	0.00	0.00	0.00	0.00
	13	0.00	-0.04	0.00	0.00	0.00	0.00
	4	0.00	1.49	0.00	0.00	0.00	0.00
	5	0.00	-0.07	0.00	0.00	0.00	0.00
	15	0.00	-0.06	0.00	0.00	0.00	0.00
	10	0.00	0.61	0.00	0.00	0.00	0.00
	11	0.00	-0.09	0.00	0.00	0.00	0.00
	18	0.00	-2.15	0.00	0.00	0.00	0.00
	19	0.00	1.04	0.00	0.00	0.00	0.00
	20	0.00	0.42	0.00	0.00	0.00	0.00
	100	0.00	1.36	0.00	0.00	0.00	0.00
	101	0.00	1.34	0.00	0.00	0.00	0.00
	102	0.00	2.50	0.00	0.00	0.00	0.00
	103	0.00	3.11	0.00	0.00	0.00	0.00
	104	0.00	2.41	0.00	0.00	0.00	0.00
	105	0.00	4.16	0.00	0.00	0.00	0.00
	106	0.00	3.45	0.00	0.00	0.00	0.00
	107	0.00	3.54	0.00	0.00	0.00	0.00
	108	0.00	2.83	0.00	0.00	0.00	0.00
	111	0.00	1.33	0.00	0.00	0.00	0.00
	112	0.00	2.81	0.00	0.00	0.00	0.00
	113	0.00	3.42	0.00	0.00	0.00	0.00
	114	0.00	2.72	0.00	0.00	0.00	0.00
	115	0.00	3.19	0.00	0.00	0.00	0.00
	116	0.00	2.49	0.00	0.00	0.00	0.00
	117	0.00	1.69	0.00	0.00	0.00	0.00
	118	0.00	0.99	0.00	0.00	0.00	0.00
	121	0.00	1.32	0.00	0.00	0.00	0.00
	122	0.00	2.48	0.00	0.00	0.00	0.00
	123	0.00	3.09	0.00	0.00	0.00	0.00
	124	0.00	2.39	0.00	0.00	0.00	0.00
	125	0.00	4.13	0.00	0.00	0.00	0.00
	126	0.00	3.43	0.00	0.00	0.00	0.00
	127	0.00	3.51	0.00	0.00	0.00	0.00
	128	0.00	2.81	0.00	0.00	0.00	0.00
	131	0.00	1.30	0.00	0.00	0.00	0.00
	132	0.00	2.78	0.00	0.00	0.00	0.00
	133	0.00	3.39	0.00	0.00	0.00	0.00

SUPPORT REACTIONS -UNIT KIP FEET STRUCTURE TYPE = PLANE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
	134	0.00	2.72	0.00	0.00	0.00	0.00
	135	0.00	3.16	0.00	0.00	0.00	0.00
	136	0.00	2.45	0.00	0.00	0.00	0.00
	137	0.00	1.65	0.00	0.00	0.00	0.00
	138	0.00	0.95	0.00	0.00	0.00	0.00
4	1	0.00	1.80	0.00	0.00	0.00	0.00
	2	0.00	1.81	0.00	0.00	0.00	0.00
	3	-0.01	-0.50	0.00	0.00	0.00	0.00
	13	-0.01	-0.33	0.00	0.00	0.00	0.00
	4	0.00	2.30	0.00	0.00	0.00	0.00
	5	-0.02	-0.74	0.00	0.00	0.00	0.00
	15	-0.01	-0.50	0.00	0.00	0.00	0.00
	10	0.00	0.95	0.00	0.00	0.00	0.00
	11	0.00	1.07	0.00	0.00	0.00	0.00
	18	0.00	-1.85	0.00	0.00	0.00	0.00
	19	0.01	1.15	0.00	0.00	0.00	0.00
	20	0.02	-0.12	0.00	0.00	0.00	0.00
	100	0.00	1.80	0.00	0.00	0.00	0.00
	101	0.00	1.63	0.00	0.00	0.00	0.00
	102	0.00	3.36	0.00	0.00	0.00	0.00
	103	0.00	4.30	0.00	0.00	0.00	0.00
	104	0.00	4.42	0.00	0.00	0.00	0.00
	105	0.00	5.45	0.00	0.00	0.00	0.00
	106	0.00	5.57	0.00	0.00	0.00	0.00
	107	0.01	4.18	0.00	0.00	0.00	0.00
	108	0.01	4.31	0.00	0.00	0.00	0.00
	111	-0.01	1.55	0.00	0.00	0.00	0.00
	112	-0.01	3.73	0.00	0.00	0.00	0.00
	113	-0.01	4.67	0.00	0.00	0.00	0.00
	114	-0.01	4.80	0.00	0.00	0.00	0.00
	115	0.00	4.73	0.00	0.00	0.00	0.00
	116	0.00	4.85	0.00	0.00	0.00	0.00
	117	0.01	2.70	0.00	0.00	0.00	0.00
	118	0.01	2.83	0.00	0.00	0.00	0.00
	121	-0.01	1.47	0.00	0.00	0.00	0.00
	122	-0.01	3.11	0.00	0.00	0.00	0.00
	123	-0.01	4.05	0.00	0.00	0.00	0.00
	124	-0.01	4.17	0.00	0.00	0.00	0.00
	125	0.00	5.20	0.00	0.00	0.00	0.00
	126	0.00	5.32	0.00	0.00	0.00	0.00
	127	0.01	3.93	0.00	0.00	0.00	0.00
	128	0.01	4.06	0.00	0.00	0.00	0.00
	131	-0.01	1.30	0.00	0.00	0.00	0.00
	132	-0.02	3.35	0.00	0.00	0.00	0.00
	133	-0.02	4.30	0.00	0.00	0.00	0.00
	134	-0.01	4.80	0.00	0.00	0.00	0.00
	135	-0.01	4.36	0.00	0.00	0.00	0.00
	136	-0.01	4.48	0.00	0.00	0.00	0.00
	137	0.00	2.33	0.00	0.00	0.00	0.00
	138	0.00	2.45	0.00	0.00	0.00	0.00

SUPPORT REACTIONS -UNIT KIP FEET STRUCTURE TYPE = PLANE

JOINT	LOAD	FORCE-X	FORCE-Y	FORCE-Z	MOM-X	MOM-Y	MOM Z
24	1	0.00	1.80	0.00	0.00	0.00	0.00
	2	0.00	1.81	0.00	0.00	0.00	0.00
	3	0.01	-0.50	0.00	0.00	0.00	0.00
	13	0.01	-0.33	0.00	0.00	0.00	0.00
	4	0.00	2.30	0.00	0.00	0.00	0.00
	5	0.02	-0.74	0.00	0.00	0.00	0.00
	15	0.01	-0.50	0.00	0.00	0.00	0.00
	10	0.00	0.95	0.00	0.00	0.00	0.00
	11	0.00	-0.12	0.00	0.00	0.00	0.00
	18	0.00	-1.85	0.00	0.00	0.00	0.00
	19	-0.01	1.15	0.00	0.00	0.00	0.00
	20	-0.02	-0.12	0.00	0.00	0.00	0.00
	100	0.00	1.80	0.00	0.00	0.00	0.00
	101	0.00	1.63	0.00	0.00	0.00	0.00
	102	0.00	3.36	0.00	0.00	0.00	0.00
	103	0.00	4.30	0.00	0.00	0.00	0.00
	104	0.00	3.23	0.00	0.00	0.00	0.00
	105	0.00	5.45	0.00	0.00	0.00	0.00
	106	0.00	4.38	0.00	0.00	0.00	0.00
	107	-0.01	4.18	0.00	0.00	0.00	0.00
	108	-0.01	3.12	0.00	0.00	0.00	0.00
	111	0.01	1.55	0.00	0.00	0.00	0.00
	112	0.01	3.73	0.00	0.00	0.00	0.00
	113	0.01	4.67	0.00	0.00	0.00	0.00
	114	0.01	3.60	0.00	0.00	0.00	0.00
	115	0.00	4.73	0.00	0.00	0.00	0.00
	116	0.00	3.66	0.00	0.00	0.00	0.00
	117	-0.01	2.70	0.00	0.00	0.00	0.00
	118	-0.01	1.63	0.00	0.00	0.00	0.00
	121	0.01	1.47	0.00	0.00	0.00	0.00
	122	0.01	3.11	0.00	0.00	0.00	0.00
	123	0.01	4.05	0.00	0.00	0.00	0.00
	124	0.01	2.98	0.00	0.00	0.00	0.00
	125	0.00	5.20	0.00	0.00	0.00	0.00
	126	0.00	4.13	0.00	0.00	0.00	0.00
	127	-0.01	3.93	0.00	0.00	0.00	0.00
	128	-0.01	2.87	0.00	0.00	0.00	0.00
	131	0.01	1.30	0.00	0.00	0.00	0.00
	132	0.02	3.35	0.00	0.00	0.00	0.00
	133	0.02	4.30	0.00	0.00	0.00	0.00
	134	0.01	3.60	0.00	0.00	0.00	0.00
	135	0.01	4.36	0.00	0.00	0.00	0.00
	136	0.01	3.29	0.00	0.00	0.00	0.00
	137	0.00	2.33	0.00	0.00	0.00	0.00
	138	0.00	1.26	0.00	0.00	0.00	0.00

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
1	1	1	0.05	1.46	0.00	0.00	0.00	1.73
		2	-0.05	2.09	0.00	0.00	0.00	-7.66
	2	1	0.42	3.53	0.00	0.00	0.00	5.10
		2	-0.42	4.79	0.00	0.00	0.00	-17.02
	3	1	2.69	0.34	0.00	0.00	0.00	4.19
		2	-2.69	-0.34	0.00	0.00	0.00	2.24
	13	1	1.36	0.20	0.00	0.00	0.00	2.45
		2	-1.36	-0.20	0.00	0.00	0.00	1.32
	4	1	0.53	4.49	0.00	0.00	0.00	6.49
		2	-0.53	6.10	0.00	0.00	0.00	-21.66
	5	1	4.02	0.51	0.00	0.00	0.00	6.25
		2	-4.02	-0.51	0.00	0.00	0.00	3.34
	15	1	2.05	0.30	0.00	0.00	0.00	3.69
		2	-2.05	-0.30	0.00	0.00	0.00	2.00
	10	1	0.22	1.85	0.00	0.00	0.00	2.66
		2	-0.22	2.50	0.00	0.00	0.00	-8.90
	11	1	0.26	2.05	0.00	0.00	0.00	3.18
		2	-0.26	2.30	0.00	0.00	0.00	-5.61
	18	1	-0.12	-0.05	0.00	0.00	0.00	-0.45
		2	0.12	0.05	0.00	0.00	0.00	-0.46
	19	1	-1.00	-0.14	0.00	0.00	0.00	-1.80
		2	1.00	0.14	0.00	0.00	0.00	-0.88
	20	1	-4.96	-5.48	0.00	0.00	0.00	-13.26
		2	4.96	-6.32	0.00	0.00	0.00	21.15
	100	1	0.05	1.46	0.00	0.00	0.00	1.73
		2	-0.05	2.09	0.00	0.00	0.00	-7.66
	101	1	0.73	1.56	0.00	0.00	0.00	2.95
		2	-0.73	1.99	0.00	0.00	0.00	-7.00
	102	1	1.81	5.16	0.00	0.00	0.00	8.92
		2	-1.81	6.71	0.00	0.00	0.00	-23.56
	103	1	2.03	7.01	0.00	0.00	0.00	11.58
		2	-2.03	9.21	0.00	0.00	0.00	-32.46
	104	1	2.08	7.21	0.00	0.00	0.00	12.10
		2	-2.08	9.01	0.00	0.00	0.00	-29.17
	105	1	1.03	6.87	0.00	0.00	0.00	9.78
		2	-1.03	9.36	0.00	0.00	0.00	-33.34
	106	1	1.07	7.07	0.00	0.00	0.00	10.30
		2	-1.07	9.15	0.00	0.00	0.00	-30.05
	107	1	-2.93	1.52	0.00	0.00	0.00	-1.68
		2	2.93	2.90	0.00	0.00	0.00	-11.31
	108	1	-2.89	1.72	0.00	0.00	0.00	-1.16
		2	2.89	2.69	0.00	0.00	0.00	-8.02
	111	1	1.07	1.61	0.00	0.00	0.00	3.57
		2	-1.07	1.94	0.00	0.00	0.00	-6.66
	112	1	2.59	6.21	0.00	0.00	0.00	11.34
		2	-2.59	7.93	0.00	0.00	0.00	-27.65
	113	1	2.81	8.05	0.00	0.00	0.00	14.00
		2	-2.81	10.44	0.00	0.00	0.00	-36.55

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	114	1	2.86	8.25	0.00	0.00	0.00	14.52
		2	-2.86	10.24	0.00	0.00	0.00	-33.26
	115	1	1.74	7.88	0.00	0.00	0.00	11.93
		2	-1.74	10.61	0.00	0.00	0.00	-37.70
	116	1	1.78	8.08	0.00	0.00	0.00	12.45
		2	-1.78	10.41	0.00	0.00	0.00	-34.41
	117	1	-2.27	2.52	0.00	0.00	0.00	0.29
		2	2.27	4.17	0.00	0.00	0.00	-15.87
	118	1	-2.23	2.72	0.00	0.00	0.00	0.81
		2	2.23	3.97	0.00	0.00	0.00	-12.57
	121	1	1.41	1.66	0.00	0.00	0.00	4.17
		2	-1.41	1.89	0.00	0.00	0.00	-6.34
	122	1	3.16	5.33	0.00	0.00	0.00	11.01
		2	-3.16	6.54	0.00	0.00	0.00	-22.44
	123	1	3.38	7.18	0.00	0.00	0.00	13.67
		2	-3.38	9.04	0.00	0.00	0.00	-31.34
	124	1	3.42	7.38	0.00	0.00	0.00	14.19
		2	-3.42	8.84	0.00	0.00	0.00	-28.05
	125	1	2.38	7.03	0.00	0.00	0.00	11.87
		2	-2.38	9.19	0.00	0.00	0.00	-32.22
	126	1	2.42	7.24	0.00	0.00	0.00	12.39
		2	-2.42	8.98	0.00	0.00	0.00	-28.93
	127	1	-1.58	1.69	0.00	0.00	0.00	0.42
		2	1.58	2.73	0.00	0.00	0.00	-10.20
	128	1	-1.54	1.89	0.00	0.00	0.00	0.94
		2	1.54	2.52	0.00	0.00	0.00	-6.90
	131	1	2.10	1.76	0.00	0.00	0.00	5.41
		2	-2.10	1.79	0.00	0.00	0.00	-5.67
	132	1	4.60	6.46	0.00	0.00	0.00	14.46
		2	-4.60	7.68	0.00	0.00	0.00	-25.98
	133	1	4.82	8.31	0.00	0.00	0.00	17.12
		2	-4.82	10.18	0.00	0.00	0.00	-34.88
	134	1	2.86	8.25	0.00	0.00	0.00	14.52
		2	-2.86	10.24	0.00	0.00	0.00	-33.26
	135	1	3.75	8.14	0.00	0.00	0.00	15.06
		2	-3.75	10.35	0.00	0.00	0.00	-36.03
	136	1	3.79	8.34	0.00	0.00	0.00	15.58
		2	-3.79	10.15	0.00	0.00	0.00	-32.74
	137	1	-0.26	2.77	0.00	0.00	0.00	3.41
		2	0.26	3.91	0.00	0.00	0.00	-14.20
	138	1	-0.22	2.98	0.00	0.00	0.00	3.93
		2	0.22	3.71	0.00	0.00	0.00	-10.90
2	1	2	0.05	2.09	0.00	0.00	0.00	7.66
		3	-0.05	1.46	0.00	0.00	0.00	-1.73
	2	2	0.42	4.79	0.00	0.00	0.00	17.02
		3	-0.42	3.53	0.00	0.00	0.00	-5.10
	3	2	2.69	-0.34	0.00	0.00	0.00	-2.24
		3	-2.69	0.34	0.00	0.00	0.00	-4.19
	13	2	1.36	-0.20	0.00	0.00	0.00	-1.32
		3	-1.36	0.20	—	—	—	-2.45

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	4	2	0.53	6.10	0.00	0.00	0.00	21.66
		3	-0.53	4.49	0.00	0.00	0.00	-6.49
	5	2	4.02	-0.51	0.00	0.00	0.00	-3.34
		3	-4.02	0.51	0.00	0.00	0.00	-6.25
	15	2	2.05	-0.30	0.00	0.00	0.00	-2.00
		3	-2.05	0.30	0.00	0.00	0.00	-3.69
	10	2	0.22	2.50	0.00	0.00	0.00	8.90
		3	-0.22	1.85	0.00	0.00	0.00	-2.66
	11	2	-0.04	0.20	0.00	0.00	0.00	3.29
		3	0.04	-0.20	0.00	0.00	0.00	0.52
	18	2	-0.12	0.05	0.00	0.00	0.00	0.46
		3	0.12	-0.05	0.00	0.00	0.00	0.45
	19	2	-1.00	0.14	0.00	0.00	0.00	0.88
		3	1.00	-0.14	0.00	0.00	0.00	1.80
	20	2	-4.96	-6.32	0.00	0.00	0.00	-21.15
		3	4.96	-5.48	0.00	0.00	0.00	13.26
	100	2	0.05	2.09	0.00	0.00	0.00	7.66
		3	-0.05	1.46	0.00	0.00	0.00	-1.73
	101	2	0.73	1.99	0.00	0.00	0.00	7.00
		3	-0.73	1.56	0.00	0.00	0.00	-2.95
	102	2	1.81	6.71	0.00	0.00	0.00	23.56
		3	-1.81	5.16	0.00	0.00	0.00	-8.92
	103	2	2.03	9.21	0.00	0.00	0.00	32.46
		3	-2.03	7.01	0.00	0.00	0.00	-11.58
	104	2	1.77	6.91	0.00	0.00	0.00	26.85
		3	-1.77	4.96	0.00	0.00	0.00	-8.40
	105	2	1.03	9.36	0.00	0.00	0.00	33.34
		3	-1.03	6.86	0.00	0.00	0.00	-9.78
	106	2	0.77	7.05	0.00	0.00	0.00	27.73
		3	-0.77	4.82	0.00	0.00	0.00	-6.59
	107	2	-2.93	2.90	0.00	0.00	0.00	11.31
		3	2.93	1.52	0.00	0.00	0.00	1.68
	108	2	-3.19	0.59	0.00	0.00	0.00	5.71
		3	3.19	-0.53	0.00	0.00	0.00	4.86
	111	2	1.07	1.94	0.00	0.00	0.00	6.66
		3	-1.07	1.61	0.00	0.00	0.00	-3.57
	112	2	2.59	7.93	0.00	0.00	0.00	27.65
		3	-2.59	6.21	0.00	0.00	0.00	-11.34
	113	2	2.81	10.44	0.00	0.00	0.00	36.55
		3	-2.81	8.05	0.00	0.00	0.00	-14.00
	114	2	2.55	8.13	0.00	0.00	0.00	30.95
		3	-2.55	6.01	0.00	0.00	0.00	-10.82
	115	2	1.74	10.61	0.00	0.00	0.00	37.70
		3	-1.74	7.88	0.00	0.00	0.00	-11.93
	116	2	1.48	8.30	0.00	0.00	0.00	32.10
		3	-1.48	5.84	0.00	0.00	0.00	-8.75
	117	2	-2.27	4.17	0.00	0.00	0.00	15.87
		3	2.27	2.52	0.00	0.00	0.00	-0.29
	118	2	-2.53	1.86	0.00	0.00	0.00	10.26
		3	2.53	0.47	0.00	0.00	0.00	2.89

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	121	2	1.41	1.89	0.00	0.00	0.00	6.34
		3	-1.41	1.66	0.00	0.00	0.00	-4.17
	122	2	3.16	6.54	0.00	0.00	0.00	22.44
		3	-3.16	5.33	0.00	0.00	0.00	-11.01
	123	2	3.38	9.04	0.00	0.00	0.00	31.34
		3	-3.38	7.18	0.00	0.00	0.00	-13.67
	124	2	3.12	6.74	0.00	0.00	0.00	25.74
		3	-3.12	5.13	0.00	0.00	0.00	-10.49
	125	2	2.38	9.19	0.00	0.00	0.00	32.22
		3	-2.38	7.03	0.00	0.00	0.00	-11.87
	126	2	2.11	6.88	0.00	0.00	0.00	26.61
		3	-2.11	4.99	0.00	0.00	0.00	-8.69
	127	2	-1.58	2.73	0.00	0.00	0.00	10.20
		3	1.58	1.69	0.00	0.00	0.00	-0.42
	128	2	-1.85	0.42	0.00	0.00	0.00	4.59
		3	1.85	-0.36	0.00	0.00	0.00	2.77
	131	2	2.10	1.79	0.00	0.00	0.00	5.67
		3	-2.10	1.76	0.00	0.00	0.00	-5.41
	132	2	4.60	7.68	0.00	0.00	0.00	25.98
		3	-4.60	6.46	0.00	0.00	0.00	-14.46
	133	2	4.82	10.18	0.00	0.00	0.00	34.88
		3	-4.82	8.31	0.00	0.00	0.00	-17.12
	134	2	2.55	8.13	0.00	0.00	0.00	30.95
		3	-2.55	6.01	0.00	0.00	0.00	-10.82
	135	2	3.75	10.35	0.00	0.00	0.00	36.03
		3	-3.75	8.14	0.00	0.00	0.00	-15.06
	136	2	3.49	8.05	0.00	0.00	0.00	30.43
		3	-3.49	6.09	0.00	0.00	0.00	-11.87
	137	2	-0.26	3.91	0.00	0.00	0.00	14.20
		3	0.26	2.77	0.00	0.00	0.00	-3.41
	138	2	-0.52	1.61	0.00	0.00	0.00	8.59
		3	0.52	0.73	0.00	0.00	0.00	-0.23
3	1	1	1.46	-0.05	0.00	0.00	0.00	-1.73
		4	-3.15	0.05	0.00	0.00	0.00	1.16
	2	1	3.53	-0.42	0.00	0.00	0.00	-5.10
		4	-3.53	0.42	0.00	0.00	0.00	0.36
	3	1	0.34	-2.69	0.00	0.00	0.00	-4.19
		4	-0.34	-4.31	0.00	0.00	0.00	6.11
	13	1	0.20	-1.36	0.00	0.00	0.00	-2.45
		4	-0.20	-2.88	0.00	0.00	0.00	3.91
	4	1	4.49	-0.53	0.00	0.00	0.00	-6.49
		4	-4.49	0.53	0.00	0.00	0.00	0.46
	5	1	0.51	-4.02	0.00	0.00	0.00	-6.25
		4	-0.51	-6.43	0.00	0.00	0.00	9.11
	15	1	0.30	-2.05	0.00	0.00	0.00	-3.69
		4	-0.30	-4.34	0.00	0.00	0.00	5.89
	10	1	1.85	-0.22	0.00	0.00	0.00	-2.66
		4	-1.85	0.22	0.00	0.00	0.00	0.19
	11	1	2.05	-0.26	0.00	0.00	0.00	-3.18
		4	-2.05	0.26	—	—	—	0.22

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	18	1	-0.05	0.12	0.00	0.00	0.00	0.45
		4	0.05	-0.12	0.00	0.00	0.00	0.90
	19	1	-0.14	1.00	0.00	0.00	0.00	1.80
		4	0.14	2.52	0.00	0.00	0.00	-3.72
	20	1	-5.48	4.96	0.00	0.00	0.00	13.26
		4	5.48	5.60	0.00	0.00	0.00	-10.24
	100	1	1.46	-0.05	0.00	0.00	0.00	-1.73
		4	-3.15	0.05	0.00	0.00	0.00	1.16
	101	1	1.56	-0.73	0.00	0.00	0.00	-2.95
		4	-3.25	-1.39	0.00	0.00	0.00	3.12
	102	1	5.16	-1.81	0.00	0.00	0.00	-8.92
		4	-6.85	-1.69	0.00	0.00	0.00	4.58
	103	1	7.01	-2.03	0.00	0.00	0.00	-11.58
		4	-8.70	-1.47	0.00	0.00	0.00	4.77
	104	1	7.21	-2.08	0.00	0.00	0.00	-12.10
		4	-8.90	-1.42	0.00	0.00	0.00	4.80
	105	1	6.87	-1.03	0.00	0.00	0.00	-9.78
		4	-8.56	1.05	0.00	0.00	0.00	1.04
	106	1	7.07	-1.07	0.00	0.00	0.00	-10.30
		4	-8.76	1.09	0.00	0.00	0.00	1.08
	107	1	1.52	2.93	0.00	0.00	0.00	1.68
		4	-3.22	4.14	0.00	0.00	0.00	-5.47
	108	1	1.72	2.89	0.00	0.00	0.00	1.16
		4	-3.42	4.18	0.00	0.00	0.00	-5.44
	111	1	1.61	-1.07	0.00	0.00	0.00	-3.57
		4	-3.30	-2.12	0.00	0.00	0.00	4.11
	112	1	6.21	-2.59	0.00	0.00	0.00	-11.34
		4	-7.90	-2.63	0.00	0.00	0.00	6.18
	113	1	8.05	-2.81	0.00	0.00	0.00	-14.00
		4	-9.75	-2.41	0.00	0.00	0.00	6.36
	114	1	8.25	-2.86	0.00	0.00	0.00	-14.52
		4	-9.95	-2.37	0.00	0.00	0.00	6.40
	115	1	7.88	-1.74	0.00	0.00	0.00	-11.93
		4	-9.58	0.04	0.00	0.00	0.00	3.17
	116	1	8.08	-1.78	0.00	0.00	0.00	-12.45
		4	-9.78	0.08	0.00	0.00	0.00	3.20
	117	1	2.52	2.27	0.00	0.00	0.00	-0.29
		4	-4.21	3.07	0.00	0.00	0.00	-2.98
	118	1	2.72	2.23	0.00	0.00	0.00	-0.81
		4	-4.42	3.12	0.00	0.00	0.00	-2.94
	121	1	1.66	-1.41	0.00	0.00	0.00	-4.17
		4	-3.35	-2.83	0.00	0.00	0.00	5.07
	122	1	5.33	-3.16	0.00	0.00	0.00	-11.01
		4	-7.02	-3.84	0.00	0.00	0.00	7.63
	123	1	7.18	-3.38	0.00	0.00	0.00	-13.67
		4	-8.87	-3.62	0.00	0.00	0.00	7.82
	124	1	7.38	-3.42	0.00	0.00	0.00	-14.19
		4	-9.07	-3.58	0.00	0.00	0.00	7.85
	125	1	7.03	-2.38	0.00	0.00	0.00	-11.87
		4	-8.73	-1.10	0.00	0.00	0.00	4.10

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	126	1	7.24	-2.42	0.00	0.00	0.00	-12.39
		4	-8.93	-1.06	0.00	0.00	0.00	4.13
	127	1	1.69	1.58	0.00	0.00	0.00	-0.42
		4	-3.39	1.98	0.00	0.00	0.00	-2.42
	128	1	1.89	1.54	0.00	0.00	0.00	-0.94
		4	-3.59	2.02	0.00	0.00	0.00	-2.38
	131	1	1.76	-2.10	0.00	0.00	0.00	-5.41
		4	-3.45	-4.29	0.00	0.00	0.00	7.05
	132	1	6.46	-4.60	0.00	0.00	0.00	-14.46
		4	-8.15	-5.84	0.00	0.00	0.00	10.73
	133	1	8.31	-4.82	0.00	0.00	0.00	-17.12
		4	-10.00	-5.62	0.00	0.00	0.00	10.92
	134	1	8.25	-2.86	0.00	0.00	0.00	-14.52
		4	-9.95	-2.37	0.00	0.00	0.00	6.40
	135	1	8.14	-3.75	0.00	0.00	0.00	-15.06
		4	-9.83	-3.18	0.00	0.00	0.00	7.72
	136	1	8.34	-3.79	0.00	0.00	0.00	-15.58
		4	-10.03	-3.13	0.00	0.00	0.00	7.76
	137	1	2.77	0.26	0.00	0.00	0.00	-3.41
		4	-4.47	-0.14	0.00	0.00	0.00	1.58
	138	1	2.98	0.22	0.00	0.00	0.00	-3.93
		4	-4.67	-0.10	0.00	0.00	0.00	1.61
4	1	2	4.17	0.00	0.00	0.00	0.00	0.00
		14	-5.59	0.00	0.00	0.00	0.00	0.00
	2	2	9.58	0.00	0.00	0.00	0.00	0.00
		14	-9.58	0.00	0.00	0.00	0.00	0.00
	3	2	-0.68	0.00	0.00	0.00	0.00	0.00
		14	0.68	0.00	0.00	0.00	0.00	0.00
	13	2	-0.40	0.00	0.00	0.00	0.00	0.00
		14	0.40	0.00	0.00	0.00	0.00	0.00
	4	2	12.20	0.00	0.00	0.00	0.00	0.00
		14	-12.20	0.00	0.00	0.00	0.00	0.00
	5	2	-1.01	0.00	0.00	0.00	0.00	0.00
		14	1.01	0.00	0.00	0.00	0.00	0.00
	15	2	-0.60	0.00	0.00	0.00	0.00	0.00
		14	0.60	0.00	0.00	0.00	0.00	0.00
	10	2	5.01	0.00	0.00	0.00	0.00	0.00
		14	-5.01	0.00	0.00	0.00	0.00	0.00
	11	2	2.50	0.31	0.00	0.00	0.00	2.32
		14	-2.50	-0.31	0.00	0.00	0.00	1.13
	18	2	0.10	0.00	0.00	0.00	0.00	0.00
		14	-0.10	0.00	0.00	0.00	0.00	0.00
	19	2	0.28	0.00	0.00	0.00	0.00	0.00
		14	-0.28	0.00	0.00	0.00	0.00	0.00
	20	2	-12.64	0.00	0.00	0.00	0.00	0.00
		14	12.64	0.00	0.00	0.00	0.00	0.00
	100	2	4.17	0.00	0.00	0.00	0.00	0.00
		14	-5.59	0.00	0.00	0.00	0.00	0.00
	101	2	3.98	0.00	0.00	0.00	0.00	0.00
		14	-3.98					

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	102	2	13.42	0.00	0.00	0.00	0.00	0.00
		14	-14.83	0.00	0.00	0.00	0.00	0.00
	103	2	18.43	0.00	0.00	0.00	0.00	0.00
		14	-19.84	0.00	0.00	0.00	0.00	0.00
	104	2	15.92	0.31	0.00	0.00	0.00	2.32
		14	-17.34	-0.31	0.00	0.00	0.00	1.13
	105	2	18.71	0.00	0.00	0.00	0.00	0.00
		14	-20.12	0.00	0.00	0.00	0.00	0.00
	106	2	16.21	0.31	0.00	0.00	0.00	2.32
		14	-17.62	-0.31	0.00	0.00	0.00	1.13
	107	2	5.79	0.00	0.00	0.00	0.00	0.00
		14	-7.20	0.00	0.00	0.00	0.00	0.00
	108	2	3.29	0.31	0.00	0.00	0.00	2.32
		14	-4.70	-0.31	0.00	0.00	0.00	1.13
	111	2	3.87	0.00	0.00	0.00	0.00	0.00
		14	-5.29	0.00	0.00	0.00	0.00	0.00
	112	2	15.87	0.00	0.00	0.00	0.00	0.00
		14	-17.28	0.00	0.00	0.00	0.00	0.00
	113	2	20.88	0.00	0.00	0.00	0.00	0.00
		14	-22.29	0.00	0.00	0.00	0.00	0.00
	114	2	18.37	0.31	0.00	0.00	0.00	2.32
		14	-19.78	-0.31	0.00	0.00	0.00	1.13
	115	2	21.22	0.00	0.00	0.00	0.00	0.00
		14	-22.63	0.00	0.00	0.00	0.00	0.00
	116	2	18.71	0.31	0.00	0.00	0.00	2.32
		14	-20.12	-0.31	0.00	0.00	0.00	1.13
	117	2	8.33	0.00	0.00	0.00	0.00	0.00
		14	-9.75	0.00	0.00	0.00	0.00	0.00
	118	2	5.83	0.31	0.00	0.00	0.00	2.32
		14	-7.24	-0.31	0.00	0.00	0.00	1.13
	121	2	3.78	0.00	0.00	0.00	0.00	0.00
		14	-5.19	0.00	0.00	0.00	0.00	0.00
	122	2	13.08	0.00	0.00	0.00	0.00	0.00
		14	-14.49	0.00	0.00	0.00	0.00	0.00
	123	2	18.09	0.00	0.00	0.00	0.00	0.00
		14	-19.50	0.00	0.00	0.00	0.00	0.00
	124	2	15.58	0.31	0.00	0.00	0.00	2.32
		14	-17.00	-0.31	0.00	0.00	0.00	1.13
	125	2	18.37	0.00	0.00	0.00	0.00	0.00
		14	-19.78	0.00	0.00	0.00	0.00	0.00
	126	2	15.87	0.31	0.00	0.00	0.00	2.32
		14	-17.28	-0.31	0.00	0.00	0.00	1.13
	127	2	5.45	0.00	0.00	0.00	0.00	0.00
		14	-6.86	0.00	0.00	0.00	0.00	0.00
	128	2	2.95	0.31	0.00	0.00	0.00	2.32
		14	-4.36	-0.31	0.00	0.00	0.00	1.13
	131	2	3.57	0.00	0.00	0.00	0.00	0.00
		14	-4.99	0.00	0.00	0.00	0.00	0.00
	132	2	15.36	0.00	0.00	0.00	0.00	0.00
		14	-16.77	0.00	0.00	0.00	0.00	0.00

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	133	2	20.37	0.00	0.00	0.00	0.00	0.00
		14	-21.78	0.00	0.00	0.00	0.00	0.00
	134	2	18.37	0.31	0.00	0.00	0.00	2.32
		14	-19.78	-0.31	0.00	0.00	0.00	1.13
	135	2	20.71	0.00	0.00	0.00	0.00	0.00
		14	-22.12	0.00	0.00	0.00	0.00	0.00
	136	2	18.20	0.31	0.00	0.00	0.00	2.32
		14	-19.62	-0.31	0.00	0.00	0.00	1.13
	137	2	7.83	0.00	0.00	0.00	0.00	0.00
		14	-9.24	0.00	0.00	0.00	0.00	0.00
	138	2	5.32	0.31	0.00	0.00	0.00	2.32
		14	-6.73	-0.31	0.00	0.00	0.00	1.13
5	1	3	1.46	0.05	0.00	0.00	0.00	1.73
		24	-3.15	-0.05	0.00	0.00	0.00	-1.16
	2	3	3.53	0.42	0.00	0.00	0.00	5.10
		24	-3.53	-0.42	0.00	0.00	0.00	-0.36
	3	3	0.34	2.69	0.00	0.00	0.00	4.19
		24	-0.34	4.31	0.00	0.00	0.00	-6.11
	13	3	0.20	1.36	0.00	0.00	0.00	2.45
		24	-0.20	2.88	0.00	0.00	0.00	-3.91
	4	3	4.49	0.53	0.00	0.00	0.00	6.49
		24	-4.49	-0.53	0.00	0.00	0.00	-0.46
	5	3	0.51	4.02	0.00	0.00	0.00	6.25
		24	-0.51	6.43	0.00	0.00	0.00	-9.11
	15	3	0.30	2.05	0.00	0.00	0.00	3.69
		24	-0.30	4.34	0.00	0.00	0.00	-5.89
	10	3	1.85	0.22	0.00	0.00	0.00	2.66
		24	-1.85	-0.22	0.00	0.00	0.00	-0.19
	11	3	-0.20	-0.04	0.00	0.00	0.00	-0.52
		24	0.20	0.04	0.00	0.00	0.00	0.03
	18	3	-0.05	-0.12	0.00	0.00	0.00	-0.45
		24	0.05	0.12	0.00	0.00	0.00	-0.90
	19	3	-0.14	-1.00	0.00	0.00	0.00	-1.80
		24	0.14	-2.52	0.00	0.00	0.00	3.72
	20	3	-5.48	-4.96	0.00	0.00	0.00	-13.26
		24	5.48	-5.60	0.00	0.00	0.00	10.24
	100	3	1.46	0.05	0.00	0.00	0.00	1.73
		24	-3.15	-0.05	0.00	0.00	0.00	-1.16
	101	3	1.56	0.73	0.00	0.00	0.00	2.95
		24	-3.25	1.39	0.00	0.00	0.00	-3.12
	102	3	5.16	1.81	0.00	0.00	0.00	8.92
		24	-6.85	1.69	0.00	0.00	0.00	-4.58
	103	3	7.01	2.03	0.00	0.00	0.00	11.58
		24	-8.70	1.47	0.00	0.00	0.00	-4.77
	104	3	4.96	1.77	0.00	0.00	0.00	8.40
		24	-6.65	1.73	0.00	0.00	0.00	-4.54
	105	3	6.86	1.03	0.00	0.00	0.00	9.78
		24	-8.56	-1.05	0.00	0.00	0.00	-1.04
	106	3	4.82	0.77	0.00	0.00	0.00	6.59
		24	-6.51	-0.79	—	—	—	-0.82

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	107	3	1.52	-2.93	0.00	0.00	0.00	-1.68
		24	-3.22	-4.14	0.00	0.00	0.00	5.47
	108	3	-0.53	-3.19	0.00	0.00	0.00	-4.86
		24	-1.17	-3.87	0.00	0.00	0.00	5.69
	111	3	1.61	1.07	0.00	0.00	0.00	3.57
		24	-3.30	2.12	0.00	0.00	0.00	-4.11
	112	3	6.21	2.59	0.00	0.00	0.00	11.34
		24	-7.90	2.63	0.00	0.00	0.00	-6.18
	113	3	8.05	2.81	0.00	0.00	0.00	14.00
		24	-9.75	2.41	0.00	0.00	0.00	-6.36
	114	3	6.01	2.55	0.00	0.00	0.00	10.82
		24	-7.70	2.67	0.00	0.00	0.00	-6.14
	115	3	7.88	1.74	0.00	0.00	0.00	11.93
		24	-9.58	-0.04	0.00	0.00	0.00	-3.17
	116	3	5.84	1.48	0.00	0.00	0.00	8.75
		24	-7.53	0.22	0.00	0.00	0.00	-2.95
	117	3	2.52	-2.27	0.00	0.00	0.00	0.29
		24	-4.21	-3.07	0.00	0.00	0.00	2.98
	118	3	0.47	-2.53	0.00	0.00	0.00	-2.89
		24	-2.17	-2.81	0.00	0.00	0.00	3.20
	121	3	1.66	1.41	0.00	0.00	0.00	4.17
		24	-3.35	2.83	0.00	0.00	0.00	-5.07
	122	3	5.33	3.16	0.00	0.00	0.00	11.01
		24	-7.02	3.84	0.00	0.00	0.00	-7.63
	123	3	7.18	3.38	0.00	0.00	0.00	13.67
		24	-8.87	3.62	0.00	0.00	0.00	-7.82
	124	3	5.13	3.12	0.00	0.00	0.00	10.49
		24	-6.82	3.88	0.00	0.00	0.00	-7.60
	125	3	7.03	2.38	0.00	0.00	0.00	11.87
		24	-8.73	1.10	0.00	0.00	0.00	-4.10
	126	3	4.99	2.11	0.00	0.00	0.00	8.69
		24	-6.68	1.37	0.00	0.00	0.00	-3.87
	127	3	1.69	-1.58	0.00	0.00	0.00	0.42
		24	-3.39	-1.98	0.00	0.00	0.00	2.42
	128	3	-0.36	-1.85	0.00	0.00	0.00	-2.77
		24	-1.34	-1.72	0.00	0.00	0.00	2.64
	131	3	1.76	2.10	0.00	0.00	0.00	5.41
		24	-3.45	4.29	0.00	0.00	0.00	-7.05
	132	3	6.46	4.60	0.00	0.00	0.00	14.46
		24	-8.15	5.84	0.00	0.00	0.00	-10.73
	133	3	8.31	4.82	0.00	0.00	0.00	17.12
		24	-10.00	5.62	0.00	0.00	0.00	-10.92
	134	3	6.01	2.55	0.00	0.00	0.00	10.82
		24	-7.70	2.67	0.00	0.00	0.00	-6.14
	135	3	8.14	3.75	0.00	0.00	0.00	15.06
		24	-9.83	3.18	0.00	0.00	0.00	-7.72
	136	3	6.09	3.49	0.00	0.00	0.00	11.87
		24	-7.78	3.44	0.00	0.00	0.00	-7.50
	137	3	2.77	-0.26	0.00	0.00	0.00	3.41
		24	-4.47	0.14	0.00	0.00	0.00	-1.58

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	138	3	0.73	-0.52	0.00	0.00	0.00	0.23
		24	-2.42	0.40	0.00	0.00	0.00	-1.35
6	1	4	-0.05	-1.36	0.00	0.00	0.00	-1.16
		5	0.05	1.73	0.00	0.00	0.00	-1.76
	2	4	-0.42	-1.72	0.00	0.00	0.00	-0.36
		5	0.42	1.72	0.00	0.00	0.00	-2.90
	3	4	4.30	-0.84	0.00	0.00	0.00	-6.11
		5	-4.30	0.84	0.00	0.00	0.00	4.52
	13	4	2.87	-0.53	0.00	0.00	0.00	-3.91
		5	-2.87	0.53	0.00	0.00	0.00	2.91
	4	4	-0.53	-2.19	0.00	0.00	0.00	-0.46
		5	0.53	2.19	0.00	0.00	0.00	-3.69
	5	4	6.41	-1.25	0.00	0.00	0.00	-9.11
		5	-6.41	1.25	0.00	0.00	0.00	6.74
	15	4	4.32	-0.80	0.00	0.00	0.00	-5.89
		5	-4.32	0.80	0.00	0.00	0.00	4.38
	10	4	-0.22	-0.90	0.00	0.00	0.00	-0.19
		5	0.22	0.90	0.00	0.00	0.00	-1.51
	11	4	-0.26	-0.98	0.00	0.00	0.00	-0.22
		5	0.26	0.98	0.00	0.00	0.00	-1.63
	18	4	0.12	-1.80	0.00	0.00	0.00	-0.89
		5	-0.12	-0.71	0.00	0.00	0.00	-0.14
	19	4	-2.51	1.29	0.00	0.00	0.00	3.72
		5	2.51	-0.11	0.00	0.00	0.00	-2.40
	20	4	-5.59	5.37	0.00	0.00	0.00	10.24
		5	5.59	-3.01	0.00	0.00	0.00	-2.31
	100	4	-0.05	-1.36	0.00	0.00	0.00	-1.16
		5	0.05	1.73	0.00	0.00	0.00	-1.76
	101	4	1.39	-1.62	0.00	0.00	0.00	-3.12
		5	-1.39	2.00	0.00	0.00	0.00	-0.31
	102	4	1.68	-3.50	0.00	0.00	0.00	-4.58
		5	-1.68	3.88	0.00	0.00	0.00	-2.40
	103	4	1.46	-4.40	0.00	0.00	0.00	-4.77
		5	-1.46	4.78	0.00	0.00	0.00	-3.91
	104	4	1.42	-4.48	0.00	0.00	0.00	-4.80
		5	-1.42	4.86	0.00	0.00	0.00	-4.03
	105	4	-1.05	-3.11	0.00	0.00	0.00	-1.04
		5	1.05	4.67	0.00	0.00	0.00	-6.31
	106	4	-1.09	-3.19	0.00	0.00	0.00	-1.08
		5	1.09	4.75	0.00	0.00	0.00	-6.43
	107	4	-4.13	0.97	0.00	0.00	0.00	5.47
		5	4.13	1.77	0.00	0.00	0.00	-6.23
	108	4	-4.17	0.89	0.00	0.00	0.00	5.44
		5	4.17	1.85	0.00	0.00	0.00	-6.34
	111	4	2.11	-1.75	0.00	0.00	0.00	-4.11
		5	-2.11	2.13	0.00	0.00	0.00	0.43
	112	4	2.62	-4.17	0.00	0.00	0.00	-6.18
		5	-2.62	4.55	0.00	0.00	0.00	-2.08
	113	4	2.40	-5.08	0.00	0.00	0.00	-6.36
		5	-2.40	5.45	—	—	—	-2.59

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	114	4	2.36	-5.15	0.00	0.00	0.00	-6.40
		5	-2.36	5.53	0.00	0.00	0.00	-3.71
	115	4	-0.04	-4.85	0.00	0.00	0.00	-3.17
		5	0.04	4.92	0.00	0.00	0.00	-6.07
	116	4	-0.08	-4.93	0.00	0.00	0.00	-3.20
		5	0.08	5.00	0.00	0.00	0.00	-6.19
	117	4	-3.07	-1.51	0.00	0.00	0.00	2.98
		5	3.07	1.73	0.00	0.00	0.00	-6.05
	118	4	-3.11	-1.59	0.00	0.00	0.00	2.94
		5	3.11	1.81	0.00	0.00	0.00	-6.16
	121	4	2.82	-1.88	0.00	0.00	0.00	-5.07
		5	-2.82	2.26	0.00	0.00	0.00	1.15
	122	4	3.83	-3.92	0.00	0.00	0.00	-7.63
		5	-3.83	4.30	0.00	0.00	0.00	-0.14
	123	4	3.61	-4.82	0.00	0.00	0.00	-7.82
		5	-3.61	5.20	0.00	0.00	0.00	-1.65
	124	4	3.57	-4.90	0.00	0.00	0.00	-7.85
		5	-3.57	5.28	0.00	0.00	0.00	-1.77
	125	4	1.10	-3.53	0.00	0.00	0.00	-4.10
		5	-1.10	5.09	0.00	0.00	0.00	-4.05
	126	4	1.06	-3.61	0.00	0.00	0.00	-4.13
		5	-1.06	5.16	0.00	0.00	0.00	-4.17
	127	4	-1.98	0.55	0.00	0.00	0.00	2.42
		5	1.98	2.19	0.00	0.00	0.00	-3.97
	128	4	-2.02	0.47	0.00	0.00	0.00	2.38
		5	2.02	2.27	0.00	0.00	0.00	-4.08
	131	4	4.27	-2.15	0.00	0.00	0.00	-7.05
		5	-4.27	2.53	0.00	0.00	0.00	2.62
	132	4	5.83	-4.80	0.00	0.00	0.00	-10.73
		5	-5.83	5.18	0.00	0.00	0.00	1.29
	133	4	5.61	-5.70	0.00	0.00	0.00	-10.92
		5	-5.61	6.08	0.00	0.00	0.00	-0.23
	134	4	2.36	-5.15	0.00	0.00	0.00	-6.40
		5	-2.36	5.53	0.00	0.00	0.00	-3.71
	135	4	3.17	-5.47	0.00	0.00	0.00	-7.72
		5	-3.17	5.55	0.00	0.00	0.00	-2.70
	136	4	3.12	-5.55	0.00	0.00	0.00	-7.76
		5	-3.12	5.63	0.00	0.00	0.00	-2.82
	137	4	0.14	-2.14	0.00	0.00	0.00	-1.58
		5	-0.14	2.36	0.00	0.00	0.00	-2.68
	138	4	0.10	-2.21	0.00	0.00	0.00	-1.61
		5	-0.10	2.44	0.00	0.00	0.00	-2.79
7	1	5	-0.05	-0.37	0.00	0.00	0.00	1.76
		6	0.05	0.75	0.00	0.00	0.00	-2.83
	2	5	-0.42	-0.56	0.00	0.00	0.00	2.90
		6	0.42	0.56	0.00	0.00	0.00	-3.95
	3	5	4.30	-0.89	0.00	0.00	0.00	-4.52
		6	-4.30	0.89	0.00	0.00	0.00	2.84
	13	5	2.87	-0.57	0.00	0.00	0.00	[illegible]

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	4	5	-0.53	-0.71	0.00	0.00	0.00	3.69
		6	0.53	0.71	0.00	0.00	0.00	-5.03
	5	5	6.41	-1.32	0.00	0.00	0.00	-6.74
		6	-6.41	1.32	0.00	0.00	0.00	4.24
	15	5	4.32	-0.85	0.00	0.00	0.00	-4.38
		6	-4.32	0.85	0.00	0.00	0.00	2.77
	10	5	-0.22	-0.29	0.00	0.00	0.00	1.51
		6	0.22	0.29	0.00	0.00	0.00	-2.06
	11	5	-0.26	-0.27	0.00	0.00	0.00	1.63
		6	0.26	0.27	0.00	0.00	0.00	-2.15
	18	5	0.12	-1.44	0.00	0.00	0.00	0.14
		6	-0.12	-1.08	0.00	0.00	0.00	-0.48
	19	5	-2.51	1.15	0.00	0.00	0.00	2.40
		6	2.51	0.03	0.00	0.00	0.00	-1.33
	20	5	-5.59	3.43	0.00	0.00	0.00	2.31
		6	5.59	-1.07	0.00	0.00	0.00	1.94
	100	5	-0.05	-0.37	0.00	0.00	0.00	1.76
		6	0.05	0.75	0.00	0.00	0.00	-2.83
	101	5	1.39	-0.66	0.00	0.00	0.00	0.31
		6	-1.39	1.03	0.00	0.00	0.00	-1.91
	102	5	1.68	-1.37	0.00	0.00	0.00	2.40
		6	-1.68	1.75	0.00	0.00	0.00	-5.35
	103	5	1.46	-1.66	0.00	0.00	0.00	3.91
		6	-1.46	2.04	0.00	0.00	0.00	-7.42
	104	5	1.42	-1.65	0.00	0.00	0.00	4.03
		6	-1.42	2.03	0.00	0.00	0.00	-7.50
	105	5	-1.05	-0.51	0.00	0.00	0.00	6.31
		6	1.05	2.07	0.00	0.00	0.00	-8.75
	106	5	-1.09	-0.49	0.00	0.00	0.00	6.43
		6	1.09	2.05	0.00	0.00	0.00	-8.83
	107	5	-4.13	1.77	0.00	0.00	0.00	6.23
		6	4.13	0.97	0.00	0.00	0.00	-5.48
	108	5	-4.17	1.78	0.00	0.00	0.00	6.34
		6	4.17	0.96	0.00	0.00	0.00	-5.56
	111	5	2.11	-0.80	0.00	0.00	0.00	-0.43
		6	-2.11	1.18	0.00	0.00	0.00	-1.44
	112	5	2.62	-1.74	0.00	0.00	0.00	2.08
		6	-2.62	2.12	0.00	0.00	0.00	-5.73
	113	5	2.40	-2.03	0.00	0.00	0.00	3.59
		6	-2.40	2.41	0.00	0.00	0.00	-7.80
	114	5	2.36	-2.02	0.00	0.00	0.00	3.71
		6	-2.36	2.39	0.00	0.00	0.00	-7.88
	115	5	-0.04	-1.73	0.00	0.00	0.00	6.07
		6	0.04	1.80	0.00	0.00	0.00	-9.41
	116	5	-0.08	-1.71	0.00	0.00	0.00	6.19
		6	0.08	1.79	0.00	0.00	0.00	-9.50
	117	5	-3.07	-0.04	0.00	0.00	0.00	6.05
		6	3.07	0.26	0.00	0.00	0.00	-6.34
	118	5	-3.11	-0.03	0.00	0.00	0.00	6.16
		6	3.11	0.25	0.00	0.00	0.00	-6.42

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	121	5	2.82	-0.94	0.00	0.00	0.00	-1.15
		6	-2.82	1.32	0.00	0.00	0.00	-0.99
	122	5	3.83	-1.82	0.00	0.00	0.00	0.14
		6	-3.83	2.19	0.00	0.00	0.00	-3.93
	123	5	3.61	-2.11	0.00	0.00	0.00	1.65
		6	-3.61	2.48	0.00	0.00	0.00	-6.00
	124	5	3.57	-2.09	0.00	0.00	0.00	1.77
		6	-3.57	2.47	0.00	0.00	0.00	-6.08
	125	5	1.10	-0.95	0.00	0.00	0.00	4.05
		6	-1.10	2.51	0.00	0.00	0.00	-7.33
	126	5	1.06	-0.94	0.00	0.00	0.00	4.17
		6	-1.06	2.50	0.00	0.00	0.00	-7.41
	127	5	-1.98	1.32	0.00	0.00	0.00	3.97
		6	1.98	1.41	0.00	0.00	0.00	-4.05
	128	5	-2.02	1.34	0.00	0.00	0.00	4.08
		6	2.02	1.40	0.00	0.00	0.00	-4.14
	131	5	4.27	-1.23	0.00	0.00	0.00	-2.62
		6	-4.27	1.60	0.00	0.00	0.00	-0.06
	132	5	5.83	-2.40	0.00	0.00	0.00	-1.29
		6	-5.83	2.78	0.00	0.00	0.00	-3.61
	133	5	5.61	-2.69	0.00	0.00	0.00	0.23
		6	-5.61	3.07	0.00	0.00	0.00	-5.68
	134	5	2.36	-2.02	0.00	0.00	0.00	3.71
		6	-2.36	2.39	0.00	0.00	0.00	-7.88
	135	5	3.17	-2.39	0.00	0.00	0.00	2.70
		6	-3.17	2.46	0.00	0.00	0.00	-7.29
	136	5	3.12	-2.37	0.00	0.00	0.00	2.82
		6	-3.12	2.45	0.00	0.00	0.00	-7.38
	137	5	0.14	-0.70	0.00	0.00	0.00	2.68
		6	-0.14	0.92	0.00	0.00	0.00	-4.22
	138	5	0.10	-0.69	0.00	0.00	0.00	2.79
		6	-0.10	0.91	0.00	0.00	0.00	-4.30
8	1	6	-0.05	0.14	0.00	0.00	0.00	2.83
		7	0.05	0.24	0.00	0.00	0.00	-2.92
	2	6	-0.42	0.00	0.00	0.00	0.00	3.95
		7	0.42	0.00	0.00	0.00	0.00	-3.95
	3	6	4.30	-0.71	0.00	0.00	0.00	-2.84
		7	-4.30	0.71	0.00	0.00	0.00	1.51
	13	6	2.87	-0.45	0.00	0.00	0.00	-1.84
		7	-2.87	0.45	0.00	0.00	0.00	0.98
	4	6	-0.53	0.00	0.00	0.00	0.00	5.03
		7	0.53	0.00	0.00	0.00	0.00	-5.02
	5	6	6.41	-1.05	0.00	0.00	0.00	-4.24
		7	-6.41	1.05	0.00	0.00	0.00	2.25
	15	6	4.32	-0.68	0.00	0.00	0.00	-2.77
		7	-4.32	0.68	0.00	0.00	0.00	1.47
	10	6	-0.22	0.00	0.00	0.00	0.00	2.06
		7	0.22	0.00	0.00	0.00	0.00	-2.06
	11	6	-0.26	0.08	0.00	0.00	0.00	2.15

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	18	6	0.12	-1.24	0.00	0.00	0.00	0.48
		7	-0.12	-1.28	0.00	0.00	0.00	-0.45
	19	6	-2.51	0.97	0.00	0.00	0.00	1.33
		7	2.51	0.21	0.00	0.00	0.00	-0.62
	20	6	-5.59	2.19	0.00	0.00	0.00	-1.94
		7	5.59	0.17	0.00	0.00	0.00	3.84
	100	6	-0.05	0.14	0.00	0.00	0.00	2.83
		7	0.05	0.24	0.00	0.00	0.00	-2.92
	101	6	1.39	-0.09	0.00	0.00	0.00	1.91
		7	-1.39	0.47	0.00	0.00	0.00	-2.44
	102	6	1.68	-0.21	0.00	0.00	0.00	5.35
		7	-1.68	0.59	0.00	0.00	0.00	-6.12
	103	6	1.46	-0.21	0.00	0.00	0.00	7.42
		7	-1.46	0.59	0.00	0.00	0.00	-8.18
	104	6	1.42	-0.14	0.00	0.00	0.00	7.50
		7	-1.42	0.51	0.00	0.00	0.00	-8.12
	105	6	-1.05	0.75	0.00	0.00	0.00	8.75
		7	1.05	0.81	0.00	0.00	0.00	-8.80
	106	6	-1.09	0.83	0.00	0.00	0.00	8.83
		7	1.09	0.73	0.00	0.00	0.00	-8.74
	107	6	-4.13	1.97	0.00	0.00	0.00	5.48
		7	4.13	0.77	0.00	0.00	0.00	-4.34
	108	6	-4.17	2.05	0.00	0.00	0.00	5.56
		7	4.17	0.69	0.00	0.00	0.00	-4.27
	111	6	2.11	-0.20	0.00	0.00	0.00	1.44
		7	-2.11	0.58	0.00	0.00	0.00	-2.19
	112	6	2.62	-0.39	0.00	0.00	0.00	5.73
		7	-2.62	0.77	0.00	0.00	0.00	-6.82
	113	6	2.40	-0.39	0.00	0.00	0.00	7.80
		7	-2.40	0.76	0.00	0.00	0.00	-8.89
	114	6	2.36	-0.31	0.00	0.00	0.00	7.88
		7	-2.36	0.69	0.00	0.00	0.00	-8.82
	115	6	-0.04	-0.15	0.00	0.00	0.00	9.41
		7	0.04	0.23	0.00	0.00	0.00	-9.77
	116	6	-0.08	-0.08	0.00	0.00	0.00	9.50
		7	0.08	0.15	0.00	0.00	0.00	-9.71
	117	6	-3.07	0.56	0.00	0.00	0.00	6.34
		7	3.07	-0.34	0.00	0.00	0.00	-5.49
	118	6	-3.11	0.64	0.00	0.00	0.00	6.42
		7	3.11	-0.41	0.00	0.00	0.00	-5.42
	121	6	2.82	-0.32	0.00	0.00	0.00	0.99
		7	-2.82	0.70	0.00	0.00	0.00	-1.95
	122	6	3.83	-0.57	0.00	0.00	0.00	3.93
		7	-3.83	0.95	0.00	0.00	0.00	-5.36
	123	6	3.61	-0.57	0.00	0.00	0.00	6.00
		7	-3.61	0.95	0.00	0.00	0.00	-7.43
	124	6	3.57	-0.49	0.00	0.00	0.00	6.08
		7	-3.57	0.87	0.00	0.00	0.00	-7.36
	125	6	1.10	0.40	0.00	0.00	0.00	7.33
		7	-1.10	1.16	0.00	0.00	0.00	-8.05

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	126	6	1.06	0.48	0.00	0.00	0.00	7.41
		7	-1.06	1.08	0.00	0.00	0.00	-7.98
	127	6	-1.98	1.62	0.00	0.00	0.00	4.05
		7	1.98	1.12	0.00	0.00	0.00	-3.58
	128	6	-2.02	1.70	0.00	0.00	0.00	4.14
		7	2.02	1.04	0.00	0.00	0.00	-3.52
	131	6	4.27	-0.55	0.00	0.00	0.00	0.06
		7	-4.27	0.93	0.00	0.00	0.00	-1.45
	132	6	5.83	-0.91	0.00	0.00	0.00	3.61
		7	-5.83	1.29	0.00	0.00	0.00	-5.70
	133	6	5.61	-0.91	0.00	0.00	0.00	5.68
		7	-5.61	1.29	0.00	0.00	0.00	-7.76
	134	6	2.36	-0.31	0.00	0.00	0.00	7.88
		7	-2.36	0.69	0.00	0.00	0.00	-8.82
	135	6	3.17	-0.68	0.00	0.00	0.00	7.29
		7	-3.17	0.75	0.00	0.00	0.00	-8.65
	136	6	3.12	-0.60	0.00	0.00	0.00	7.38
		7	-3.12	0.68	0.00	0.00	0.00	-8.58
	137	6	0.14	0.03	0.00	0.00	0.00	4.22
		7	-0.14	0.19	0.00	0.00	0.00	-4.36
	138	6	0.10	0.11	0.00	0.00	0.00	4.30
		7	-0.10	0.11	0.00	0.00	0.00	-4.30
9	1	7	-0.05	0.33	0.00	0.00	0.00	2.92
		8	0.05	0.05	0.00	0.00	0.00	-2.66
	2	7	-0.42	0.16	0.00	0.00	0.00	3.95
		8	0.42	-0.16	0.00	0.00	0.00	-3.64
	3	7	4.30	-0.47	0.00	0.00	0.00	-1.51
		8	-4.30	0.47	0.00	0.00	0.00	0.62
	13	7	2.87	-0.30	0.00	0.00	0.00	-0.98
		8	-2.87	0.30	0.00	0.00	0.00	0.41
	4	7	-0.53	0.21	0.00	0.00	0.00	5.02
		8	0.53	-0.21	0.00	0.00	0.00	-4.63
	5	7	6.41	-0.69	0.00	0.00	0.00	-2.25
		8	-6.41	0.69	0.00	0.00	0.00	0.93
	15	7	4.32	-0.45	0.00	0.00	0.00	-1.47
		8	-4.32	0.45	0.00	0.00	0.00	0.61
	10	7	-0.22	0.09	0.00	0.00	0.00	2.06
		8	0.22	-0.09	0.00	0.00	0.00	-1.90
	11	7	-0.26	0.19	0.00	0.00	0.00	2.00
		8	0.26	-0.19	0.00	0.00	0.00	-1.63
	18	7	0.12	-1.16	0.00	0.00	0.00	0.45
		8	-0.12	-1.36	0.00	0.00	0.00	-0.25
	19	7	-2.51	0.80	0.00	0.00	0.00	0.62
		8	2.51	0.38	0.00	0.00	0.00	-0.23
	20	7	-5.59	1.52	0.00	0.00	0.00	-3.84
		8	5.59	0.84	0.00	0.00	0.00	4.50
	100	7	-0.05	0.33	0.00	0.00	0.00	2.92
		8	0.05	0.05	0.00	0.00	0.00	-2.66
	101	7	1.39	0.18	0.00	0.00	0.00	2.44

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	102	7	1.68	0.26	0.00	0.00	0.00	6.12
		8	-1.68	0.12	0.00	0.00	0.00	-5.99
	103	7	1.46	0.34	0.00	0.00	0.00	8.18
		8	-1.46	0.04	0.00	0.00	0.00	-7.89
	104	7	1.42	0.45	0.00	0.00	0.00	8.12
		8	-1.42	-0.07	0.00	0.00	0.00	-7.62
	105	7	-1.05	1.14	0.00	0.00	0.00	8.80
		8	1.05	0.42	0.00	0.00	0.00	-8.12
	106	7	-1.09	1.25	0.00	0.00	0.00	8.74
		8	1.09	0.31	0.00	0.00	0.00	-7.85
	107	7	-4.13	1.87	0.00	0.00	0.00	4.34
		8	4.13	0.87	0.00	0.00	0.00	-3.39
	108	7	-4.17	1.98	0.00	0.00	0.00	4.27
		8	4.17	0.76	0.00	0.00	0.00	-3.13
	111	7	2.11	0.10	0.00	0.00	0.00	2.19
		8	-2.11	0.28	0.00	0.00	0.00	-2.36
	112	7	2.62	0.19	0.00	0.00	0.00	6.82
		8	-2.62	0.19	0.00	0.00	0.00	-6.83
	113	7	2.40	0.27	0.00	0.00	0.00	8.89
		8	-2.40	0.11	0.00	0.00	0.00	-8.73
	114	7	2.36	0.38	0.00	0.00	0.00	8.82
		8	-2.36	0.00	0.00	0.00	0.00	-8.46
	115	7	-0.04	0.39	0.00	0.00	0.00	9.77
		8	0.04	-0.31	0.00	0.00	0.00	-9.10
	116	7	-0.08	0.50	0.00	0.00	0.00	9.71
		8	0.08	-0.42	0.00	0.00	0.00	-8.84
	117	7	-3.07	0.64	0.00	0.00	0.00	5.49
		8	3.07	-0.42	0.00	0.00	0.00	-4.48
	118	7	-3.11	0.75	0.00	0.00	0.00	5.42
		8	3.11	-0.53	0.00	0.00	0.00	-4.22
	121	7	2.82	0.02	0.00	0.00	0.00	1.95
		8	-2.82	0.35	0.00	0.00	0.00	-2.26
	122	7	3.83	0.02	0.00	0.00	0.00	5.36
		8	-3.83	0.35	0.00	0.00	0.00	-5.68
	123	7	3.61	0.11	0.00	0.00	0.00	7.43
		8	-3.61	0.27	0.00	0.00	0.00	-7.58
	124	7	3.57	0.22	0.00	0.00	0.00	7.36
		8	-3.57	0.16	0.00	0.00	0.00	-7.31
	125	7	1.10	0.91	0.00	0.00	0.00	8.05
		8	-1.10	0.65	0.00	0.00	0.00	-7.81
	126	7	1.06	1.02	0.00	0.00	0.00	7.98
		8	-1.06	0.54	0.00	0.00	0.00	-7.54
	127	7	-1.98	1.63	0.00	0.00	0.00	3.58
		8	1.98	1.11	0.00	0.00	0.00	-3.08
	128	7	-2.02	1.74	0.00	0.00	0.00	3.52
		8	2.02	1.00	0.00	0.00	0.00	-2.81
	131	7	4.27	-0.13	0.00	0.00	0.00	1.45
		8	-4.27	0.51	0.00	0.00	0.00	-2.05
	132	7	5.83	-0.16	0.00	0.00	0.00	5.70
		8	-5.83	0.54	0.00	0.00	0.00	-6.36

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	133	7	5.61	-0.08	0.00	0.00	0.00	7.76
		8	-5.61	0.45	0.00	0.00	0.00	-8.26
	134	7	2.36	0.38	0.00	0.00	0.00	8.82
		8	-2.36	0.00	0.00	0.00	0.00	-8.46
	135	7	3.17	0.04	0.00	0.00	0.00	8.65
		8	-3.17	0.03	0.00	0.00	0.00	-8.64
	136	7	3.12	0.15	0.00	0.00	0.00	8.58
		8	-3.12	-0.08	0.00	0.00	0.00	-8.37
	137	7	0.14	0.29	0.00	0.00	0.00	4.36
		8	-0.14	-0.07	0.00	0.00	0.00	-4.02
	138	7	0.10	0.40	0.00	0.00	0.00	4.30
		8	-0.10	-0.18	0.00	0.00	0.00	-3.75
10	1	8	-0.05	0.35	0.00	0.00	0.00	2.66
		9	0.05	0.03	0.00	0.00	0.00	-2.35
	2	8	-0.42	0.15	0.00	0.00	0.00	3.64
		9	0.42	-0.15	0.00	0.00	0.00	-3.35
	3	8	4.30	-0.25	0.00	0.00	0.00	-0.62
		9	-4.30	0.25	0.00	0.00	0.00	0.15
	13	8	2.87	-0.17	0.00	0.00	0.00	-0.41
		9	-2.87	0.17	0.00	0.00	0.00	0.09
	4	8	-0.53	0.19	0.00	0.00	0.00	4.63
		9	0.53	-0.19	0.00	0.00	0.00	-4.27
	5	8	6.41	-0.38	0.00	0.00	0.00	-0.93
		9	-6.41	0.38	0.00	0.00	0.00	0.22
	15	8	4.32	-0.25	0.00	0.00	0.00	-0.61
		9	-4.32	0.25	0.00	0.00	0.00	0.14
	10	8	-0.22	0.08	0.00	0.00	0.00	1.90
		9	0.22	-0.08	0.00	0.00	0.00	-1.75
	11	8	-0.26	0.19	0.00	0.00	0.00	1.63
		9	0.26	-0.19	0.00	0.00	0.00	-1.28
	18	8	0.12	-1.14	0.00	0.00	0.00	0.25
		9	-0.12	-1.38	0.00	0.00	0.00	-0.03
	19	8	-2.51	0.68	0.00	0.00	0.00	0.23
		9	2.51	0.50	0.00	0.00	0.00	-0.07
	20	8	-5.59	1.22	0.00	0.00	0.00	-4.50
		9	5.59	1.14	0.00	0.00	0.00	4.57
	100	8	-0.05	0.35	0.00	0.00	0.00	2.66
		9	0.05	0.03	0.00	0.00	0.00	-2.35
	101	8	1.39	0.27	0.00	0.00	0.00	2.46
		9	-1.39	0.11	0.00	0.00	0.00	-2.31
	102	8	1.68	0.38	0.00	0.00	0.00	5.99
		9	-1.68	0.00	0.00	0.00	0.00	-5.63
	103	8	1.46	0.46	0.00	0.00	0.00	7.89
		9	-1.46	-0.08	0.00	0.00	0.00	-7.39
	104	8	1.42	0.56	0.00	0.00	0.00	7.62
		9	-1.42	-0.18	0.00	0.00	0.00	-6.92
	105	8	-1.05	1.13	0.00	0.00	0.00	8.12
		9	1.05	0.43	0.00	0.00	0.00	-7.45
	106	8	-1.09	1.24	0.00	0.00	0.00	7.85

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	107	8	-4.13	1.67	0.00	0.00	0.00	3.39
		9	4.13	1.06	0.00	0.00	0.00	-2.82
	108	8	-4.17	1.78	0.00	0.00	0.00	3.13
		9	4.17	0.96	0.00	0.00	0.00	-2.35
	111	8	2.11	0.23	0.00	0.00	0.00	2.36
		9	-2.11	0.15	0.00	0.00	0.00	-2.28
	112	8	2.62	0.36	0.00	0.00	0.00	6.83
		9	-2.62	0.02	0.00	0.00	0.00	-6.51
	113	8	2.40	0.43	0.00	0.00	0.00	8.73
		9	-2.40	-0.06	0.00	0.00	0.00	-8.26
	114	8	2.36	0.54	0.00	0.00	0.00	8.46
		9	-2.36	-0.16	0.00	0.00	0.00	-7.80
	115	8	-0.04	0.44	0.00	0.00	0.00	9.10
		9	0.04	-0.36	0.00	0.00	0.00	-8.35
	116	8	-0.08	0.54	0.00	0.00	0.00	8.84
		9	0.08	-0.47	0.00	0.00	0.00	-7.88
	117	8	-3.07	0.51	0.00	0.00	0.00	4.48
		9	3.07	-0.29	0.00	0.00	0.00	-3.72
	118	8	-3.11	0.62	0.00	0.00	0.00	4.22
		9	3.11	-0.40	0.00	0.00	0.00	-3.25
	121	8	2.82	0.19	0.00	0.00	0.00	2.26
		9	-2.82	0.19	0.00	0.00	0.00	-2.26
	122	8	3.83	0.25	0.00	0.00	0.00	5.68
		9	-3.83	0.13	0.00	0.00	0.00	-5.56
	123	8	3.61	0.33	0.00	0.00	0.00	7.58
		9	-3.61	0.05	0.00	0.00	0.00	-7.31
	124	8	3.57	0.44	0.00	0.00	0.00	7.31
		9	-3.57	-0.06	0.00	0.00	0.00	-6.84
	125	8	1.10	1.00	0.00	0.00	0.00	7.81
		9	-1.10	0.55	0.00	0.00	0.00	-7.38
	126	8	1.06	1.11	0.00	0.00	0.00	7.54
		9	-1.06	0.45	0.00	0.00	0.00	-6.91
	127	8	-1.98	1.55	0.00	0.00	0.00	3.08
		9	1.98	1.19	0.00	0.00	0.00	-2.75
	128	8	-2.02	1.65	0.00	0.00	0.00	2.81
		9	2.02	1.09	0.00	0.00	0.00	-2.28
	131	8	4.27	0.10	0.00	0.00	0.00	2.05
		9	-4.27	0.28	0.00	0.00	0.00	-2.21
	132	8	5.83	0.17	0.00	0.00	0.00	6.36
		9	-5.83	0.21	0.00	0.00	0.00	-6.40
	133	8	5.61	0.25	0.00	0.00	0.00	8.26
		9	-5.61	0.13	0.00	0.00	0.00	-8.16
	134	8	2.36	0.54	0.00	0.00	0.00	8.46
		9	-2.36	-0.16	0.00	0.00	0.00	-7.80
	135	8	3.17	0.25	0.00	0.00	0.00	8.64
		9	-3.17	-0.18	0.00	0.00	0.00	-8.24
	136	8	3.12	0.36	0.00	0.00	0.00	8.37
		9	-3.12	-0.28	0.00	0.00	0.00	-7.77
	137	8	0.14	0.32	0.00	0.00	0.00	4.02
		9	-0.14	-0.10	0.00	0.00	0.00	-3.62

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	138	8	0.10	0.43	0.00	0.00	0.00	3.75
		9	-0.10	-0.21	0.00	0.00	0.00	-3.15
11	1	9	-0.05	0.36	0.00	0.00	0.00	2.35
		10	0.05	0.01	0.00	0.00	0.00	-2.02
	2	9	-0.42	0.17	0.00	0.00	0.00	3.35
		10	0.42	-0.17	0.00	0.00	0.00	-3.03
	3	9	4.30	-0.11	0.00	0.00	0.00	-0.15
		10	-4.30	0.11	0.00	0.00	0.00	-0.06
	13	9	2.87	-0.07	0.00	0.00	0.00	-0.09
		10	-2.87	0.07	0.00	0.00	0.00	-0.04
	4	9	-0.53	0.22	0.00	0.00	0.00	4.27
		10	0.53	-0.22	0.00	0.00	0.00	-3.85
	5	9	6.41	-0.16	0.00	0.00	0.00	-0.22
		10	-6.41	0.16	0.00	0.00	0.00	-0.09
	15	9	4.32	-0.11	0.00	0.00	0.00	-0.14
		10	-4.32	0.11	0.00	0.00	0.00	-0.07
	10	9	-0.22	0.09	0.00	0.00	0.00	1.75
		10	0.22	-0.09	0.00	0.00	0.00	-1.58
	11	9	-0.26	0.15	0.00	0.00	0.00	1.28
		10	0.26	-0.15	0.00	0.00	0.00	-1.01
	18	9	0.12	-1.16	0.00	0.00	0.00	0.03
		10	-0.12	-1.36	0.00	0.00	0.00	0.16
	19	9	-2.51	0.60	0.00	0.00	0.00	0.07
		10	2.51	0.58	0.00	0.00	0.00	-0.04
	20	9	-5.59	1.00	0.00	0.00	0.00	-4.57
		10	5.59	1.37	0.00	0.00	0.00	4.22
	100	9	-0.05	0.36	0.00	0.00	0.00	2.35
		10	0.05	0.01	0.00	0.00	0.00	-2.02
	101	9	1.39	0.33	0.00	0.00	0.00	2.31
		10	-1.39	0.05	0.00	0.00	0.00	-2.04
	102	9	1.68	0.48	0.00	0.00	0.00	5.63
		10	-1.68	-0.10	0.00	0.00	0.00	-5.08
	103	9	1.46	0.57	0.00	0.00	0.00	7.39
		10	-1.46	-0.19	0.00	0.00	0.00	-6.66
	104	9	1.42	0.63	0.00	0.00	0.00	6.92
		10	-1.42	-0.25	0.00	0.00	0.00	-6.09
	105	9	-1.05	1.18	0.00	0.00	0.00	7.45
		10	1.05	0.38	0.00	0.00	0.00	-6.70
	106	9	-1.09	1.23	0.00	0.00	0.00	6.98
		10	1.09	0.33	0.00	0.00	0.00	-6.13
	107	9	-4.13	1.57	0.00	0.00	0.00	2.82
		10	4.13	1.17	0.00	0.00	0.00	-2.44
	108	9	-4.17	1.62	0.00	0.00	0.00	2.35
		10	4.17	1.12	0.00	0.00	0.00	-1.87
	111	9	2.11	0.31	0.00	0.00	0.00	2.28
		10	-2.11	0.07	0.00	0.00	0.00	-2.06
	112	9	2.62	0.50	0.00	0.00	0.00	6.51
		10	-2.62	-0.12	0.00	0.00	0.00	-5.92
	113	9	2.40	0.59	0.00	0.00	0.00	8.26

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	114	9	2.36	0.65	0.00	0.00	0.00	7.80
		10	-2.36	-0.27	0.00	0.00	0.00	-6.93
	115	9	-0.04	0.51	0.00	0.00	0.00	8.35
		10	0.04	-0.44	0.00	0.00	0.00	-7.44
	116	9	-0.08	0.57	0.00	0.00	0.00	7.88
		10	0.08	-0.50	0.00	0.00	0.00	-6.87
	117	9	-3.07	0.43	0.00	0.00	0.00	3.72
		10	3.07	-0.21	0.00	0.00	0.00	-3.12
	118	9	-3.11	0.49	0.00	0.00	0.00	3.25
		10	3.11	-0.26	0.00	0.00	0.00	-2.55
	121	9	2.82	0.29	0.00	0.00	0.00	2.26
		10	-2.82	0.09	0.00	0.00	0.00	-2.07
	122	9	3.83	0.43	0.00	0.00	0.00	5.56
		10	-3.83	-0.05	0.00	0.00	0.00	-5.11
	123	9	3.61	0.52	0.00	0.00	0.00	7.31
		10	-3.61	-0.14	0.00	0.00	0.00	-6.69
	124	9	3.57	0.57	0.00	0.00	0.00	6.84
		10	-3.57	-0.19	0.00	0.00	0.00	-6.12
	125	9	1.10	1.12	0.00	0.00	0.00	7.38
		10	-1.10	0.44	0.00	0.00	0.00	-6.73
	126	9	1.06	1.18	0.00	0.00	0.00	6.91
		10	-1.06	0.38	0.00	0.00	0.00	-6.16
	127	9	-1.98	1.51	0.00	0.00	0.00	2.75
		10	1.98	1.23	0.00	0.00	0.00	-2.47
	128	9	-2.02	1.57	0.00	0.00	0.00	2.28
		10	2.02	1.17	0.00	0.00	0.00	-1.90
	131	9	4.27	0.26	0.00	0.00	0.00	2.21
		10	-4.27	0.12	0.00	0.00	0.00	-2.09
	132	9	5.83	0.42	0.00	0.00	0.00	6.40
		10	-5.83	-0.04	0.00	0.00	0.00	-5.97
	133	9	5.61	0.51	0.00	0.00	0.00	8.16
		10	-5.61	-0.13	0.00	0.00	0.00	-7.55
	134	9	2.36	0.65	0.00	0.00	0.00	7.80
		10	-2.36	-0.27	0.00	0.00	0.00	-6.93
	135	9	3.17	0.43	0.00	0.00	0.00	8.24
		10	-3.17	-0.36	0.00	0.00	0.00	-7.49
	136	9	3.12	0.49	0.00	0.00	0.00	7.77
		10	-3.12	-0.41	0.00	0.00	0.00	-6.91
	137	9	0.14	0.35	0.00	0.00	0.00	3.62
		10	-0.14	-0.13	0.00	0.00	0.00	-3.16
	138	9	0.10	0.40	0.00	0.00	0.00	3.15
		10	-0.10	-0.18	0.00	0.00	0.00	-2.59
12	1	10	-0.05	0.49	0.00	0.00	0.00	2.02
		11	0.05	-0.11	0.00	0.00	0.00	-1.45
	2	10	-0.42	0.42	0.00	0.00	0.00	3.03
		11	0.42	-0.42	0.00	0.00	0.00	-2.24
	3	10	4.30	-0.04	0.00	0.00	0.00	0.06
		11	-4.30	0.04	0.00	0.00	0.00	-0.14
	13	10	2.87	-0.03	0.00	0.00	0.00	0.04
		11	-2.87	0.30	—	—	—	-0.10

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	4	10	-0.53	0.53	0.00	0.00	0.00	3.85
		11	0.53	-0.53	0.00	0.00	0.00	-2.85
	5	10	6.41	-0.06	0.00	0.00	0.00	0.09
		11	-6.41	0.06	0.00	0.00	0.00	-0.21
	15	10	4.32	-0.04	0.00	0.00	0.00	0.07
		11	-4.32	0.04	0.00	0.00	0.00	-0.15
	10	10	-0.22	0.22	0.00	0.00	0.00	1.58
		11	0.22	-0.22	0.00	0.00	0.00	-1.17
	11	10	-0.26	0.15	0.00	0.00	0.00	1.01
		11	0.26	-0.15	0.00	0.00	0.00	-0.73
	18	10	0.12	-1.18	0.00	0.00	0.00	-0.16
		11	-0.12	-1.33	0.00	0.00	0.00	0.31
	19	10	-2.51	0.58	0.00	0.00	0.00	0.04
		11	2.51	0.60	0.00	0.00	0.00	-0.06
	20	10	-5.59	0.58	0.00	0.00	0.00	-4.22
		11	5.59	1.78	0.00	0.00	0.00	3.08
	100	10	-0.05	0.49	0.00	0.00	0.00	2.02
		11	0.05	-0.11	0.00	0.00	0.00	-1.45
	101	10	1.39	0.48	0.00	0.00	0.00	2.04
		11	-1.39	-0.10	0.00	0.00	0.00	-1.50
	102	10	1.68	0.89	0.00	0.00	0.00	5.08
		11	-1.68	-0.51	0.00	0.00	0.00	-3.76
	103	10	1.46	1.10	0.00	0.00	0.00	6.66
		11	-1.46	-0.73	0.00	0.00	0.00	-4.93
	104	10	1.42	1.04	0.00	0.00	0.00	6.09
		11	-1.42	-0.66	0.00	0.00	0.00	-4.49
	105	10	-1.05	1.68	0.00	0.00	0.00	6.70
		11	1.05	-0.12	0.00	0.00	0.00	-4.99
	106	10	-1.09	1.61	0.00	0.00	0.00	6.13
		11	1.09	-0.05	0.00	0.00	0.00	-4.55
	107	10	-4.13	1.68	0.00	0.00	0.00	2.44
		11	4.13	1.06	0.00	0.00	0.00	-1.85
	108	10	-4.17	1.61	0.00	0.00	0.00	1.87
		11	4.17	1.12	0.00	0.00	0.00	-1.41
	111	10	2.11	0.47	0.00	0.00	0.00	2.06
		11	-2.11	-0.09	0.00	0.00	0.00	-1.52
	112	10	2.62	0.99	0.00	0.00	0.00	5.92
		11	-2.62	-0.61	0.00	0.00	0.00	-4.41
	113	10	2.40	1.21	0.00	0.00	0.00	7.50
		11	-2.40	-0.83	0.00	0.00	0.00	-5.58
	114	10	2.36	1.14	0.00	0.00	0.00	6.93
		11	-2.36	-0.76	0.00	0.00	0.00	-5.13
	115	10	-0.04	1.09	0.00	0.00	0.00	7.44
		11	0.04	-1.01	0.00	0.00	0.00	-5.46
	116	10	-0.08	1.02	0.00	0.00	0.00	6.87
		11	0.08	-0.95	0.00	0.00	0.00	-5.01
	117	10	-3.07	0.60	0.00	0.00	0.00	3.12
		11	3.07	-0.38	0.00	0.00	0.00	-2.19
	118	10	-3.11	0.53	0.00	0.00	0.00	2.55
		11	3.11	-0.31	0.00	0.00	0.00	-1.74

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	121	10	2.82	0.46	0.00	0.00	0.00	2.07
		11	-2.82	-0.09	0.00	0.00	0.00	-1.55
	122	10	3.83	0.87	0.00	0.00	0.00	5.11
		11	-3.83	-0.49	0.00	0.00	0.00	-3.83
	123	10	3.61	1.08	0.00	0.00	0.00	6.69
		11	-3.61	-0.70	0.00	0.00	0.00	-5.00
	124	10	3.57	1.01	0.00	0.00	0.00	6.12
		11	-3.57	-0.64	0.00	0.00	0.00	-4.56
	125	10	1.10	1.66	0.00	0.00	0.00	6.73
		11	-1.10	-0.10	0.00	0.00	0.00	-5.06
	126	10	1.06	1.59	0.00	0.00	0.00	6.16
		11	-1.06	-0.03	0.00	0.00	0.00	-4.62
	127	10	-1.98	1.66	0.00	0.00	0.00	2.47
		11	1.98	1.08	0.00	0.00	0.00	-1.92
	128	10	-2.02	1.59	0.00	0.00	0.00	1.90
		11	2.02	1.15	0.00	0.00	0.00	-1.48
	131	10	4.27	0.45	0.00	0.00	0.00	2.09
		11	-4.27	-0.07	0.00	0.00	0.00	-1.60
	132	10	5.83	0.96	0.00	0.00	0.00	5.97
		11	-5.83	-0.58	0.00	0.00	0.00	-4.51
	133	10	5.61	1.18	0.00	0.00	0.00	7.55
		11	-5.61	-0.80	0.00	0.00	0.00	-5.68
	134	10	2.36	1.14	0.00	0.00	0.00	6.93
		11	-2.36	-0.76	0.00	0.00	0.00	-5.13
	135	10	3.17	1.06	0.00	0.00	0.00	7.49
		11	-3.17	-0.98	0.00	0.00	0.00	-5.56
	136	10	3.12	0.99	0.00	0.00	0.00	6.91
		11	-3.12	-0.91	0.00	0.00	0.00	-5.12
	137	10	0.14	0.57	0.00	0.00	0.00	3.16
		11	-0.14	-0.35	0.00	0.00	0.00	-2.29
	138	10	0.10	0.50	0.00	0.00	0.00	2.59
		11	-0.10	-0.28	0.00	0.00	0.00	-1.85
13	1	11	-0.05	0.84	0.00	0.00	0.00	1.45
		12	0.05	-0.46	0.00	0.00	0.00	-0.21
	2	11	-0.42	1.05	0.00	0.00	0.00	2.24
		12	0.42	-1.05	0.00	0.00	0.00	-0.25
	3	11	4.30	-0.05	0.00	0.00	0.00	0.14
		12	-4.30	0.05	0.00	0.00	0.00	-0.24
	13	11	2.87	-0.03	0.00	0.00	0.00	0.10
		12	-2.87	0.03	0.00	0.00	0.00	-0.15
	4	11	-0.53	1.34	0.00	0.00	0.00	2.85
		12	0.53	-1.34	0.00	0.00	0.00	-0.32
	5	11	6.41	-0.08	0.00	0.00	0.00	0.21
		12	-6.41	0.08	0.00	0.00	0.00	-0.36
	15	11	4.32	-0.05	0.00	0.00	0.00	0.15
		12	-4.32	0.05	0.00	0.00	0.00	-0.23
	10	11	-0.22	0.55	0.00	0.00	0.00	1.17
		12	0.22	-0.55	0.00	0.00	0.00	-0.13
	11	11	-0.26	0.25	0.00	0.00	0.00	0.73
		12	0.26	-0.25	—	—	—	-0.25

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	18	11	0.12	-1.20	0.00	0.00	0.00	-0.31
		12	-0.12	-1.31	0.00	0.00	0.00	0.41
	19	11	-2.51	0.59	0.00	0.00	0.00	0.06
		12	2.51	0.59	0.00	0.00	0.00	-0.06
	20	11	-5.59	-0.28	0.00	0.00	0.00	-3.08
		12	5.59	2.65	0.00	0.00	0.00	0.31
	100	11	-0.05	0.84	0.00	0.00	0.00	1.45
		12	0.05	-0.46	0.00	0.00	0.00	-0.21
	101	11	1.39	0.83	0.00	0.00	0.00	1.50
		12	-1.39	-0.45	0.00	0.00	0.00	-0.29
	102	11	1.68	1.87	0.00	0.00	0.00	3.76
		12	-1.68	-1.49	0.00	0.00	0.00	-0.58
	103	11	1.46	2.42	0.00	0.00	0.00	4.93
		12	-1.46	-2.04	0.00	0.00	0.00	-0.71
	104	11	1.42	2.12	0.00	0.00	0.00	4.49
		12	-1.42	-1.74	0.00	0.00	0.00	-0.83
	105	11	-1.05	3.01	0.00	0.00	0.00	4.99
		12	1.05	-1.45	0.00	0.00	0.00	-0.77
	106	11	-1.09	2.71	0.00	0.00	0.00	4.55
		12	1.09	-1.15	0.00	0.00	0.00	-0.89
	107	11	-4.13	2.14	0.00	0.00	0.00	1.85
		12	4.13	0.60	0.00	0.00	0.00	-0.40
	108	11	-4.17	1.84	0.00	0.00	0.00	1.41
		12	4.17	0.90	0.00	0.00	0.00	-0.52
	111	11	2.11	0.82	0.00	0.00	0.00	1.52
		12	-2.11	-0.44	0.00	0.00	0.00	-0.33
	112	11	2.62	2.14	0.00	0.00	0.00	4.41
		12	-2.62	-1.77	0.00	0.00	0.00	-0.71
	113	11	2.40	2.69	0.00	0.00	0.00	5.58
		12	-2.40	-2.32	0.00	0.00	0.00	-0.84
	114	11	2.36	2.40	0.00	0.00	0.00	5.13
		12	-2.36	-2.02	0.00	0.00	0.00	-0.96
	115	11	-0.04	2.57	0.00	0.00	0.00	5.46
		12	0.04	-2.50	0.00	0.00	0.00	-0.66
	116	11	-0.08	2.28	0.00	0.00	0.00	5.01
		12	0.08	-2.20	0.00	0.00	0.00	-0.78
	117	11	-3.07	1.21	0.00	0.00	0.00	2.19
		12	3.07	-0.98	0.00	0.00	0.00	-0.12
	118	11	-3.11	0.91	0.00	0.00	0.00	1.74
		12	3.11	-0.69	0.00	0.00	0.00	-0.24
	121	11	2.82	0.81	0.00	0.00	0.00	1.55
		12	-2.82	-0.43	0.00	0.00	0.00	-0.37
	122	11	3.83	1.84	0.00	0.00	0.00	3.83
		12	-3.83	-1.47	0.00	0.00	0.00	-0.70
	123	11	3.61	2.39	0.00	0.00	0.00	5.00
		12	-3.61	-2.02	0.00	0.00	0.00	-0.83
	124	11	3.57	2.10	0.00	0.00	0.00	4.56
		12	-3.57	-1.72	0.00	0.00	0.00	-0.95
	125	11	1.10	2.98	0.00	0.00	0.00	5.06
		12	-1.10	-1.43	0.00	0.00	0.00	-0.89

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	126	11	1.06	2.69	0.00	0.00	0.00	4.62
		12	-1.06	-1.13	0.00	0.00	0.00	-1.01
	127	11	-1.98	2.11	0.00	0.00	0.00	1.92
		12	1.98	0.63	0.00	0.00	0.00	-0.52
	128	11	-2.02	1.81	0.00	0.00	0.00	1.48
		12	2.02	0.93	0.00	0.00	0.00	-0.64
	131	11	4.27	0.80	0.00	0.00	0.00	1.60
		12	-4.27	-0.42	0.00	0.00	0.00	-0.45
	132	11	5.83	2.11	0.00	0.00	0.00	4.51
		12	-5.83	-1.73	0.00	0.00	0.00	-0.89
	133	11	5.61	2.66	0.00	0.00	0.00	5.68
		12	-5.61	-2.28	0.00	0.00	0.00	-1.01
	134	11	2.36	2.40	0.00	0.00	0.00	5.13
		12	-2.36	-2.02	0.00	0.00	0.00	-0.96
	135	11	3.17	2.54	0.00	0.00	0.00	5.56
		12	-3.17	-2.46	0.00	0.00	0.00	-0.83
	136	11	3.12	2.24	0.00	0.00	0.00	5.12
		12	-3.12	-2.16	0.00	0.00	0.00	-0.96
	137	11	0.14	1.17	0.00	0.00	0.00	2.29
		12	-0.14	-0.95	0.00	0.00	0.00	-0.29
	138	11	0.10	0.87	0.00	0.00	0.00	1.85
		12	-0.10	-0.65	0.00	0.00	0.00	-0.42
14	1	12	-0.05	1.49	0.00	0.00	0.00	0.21
		13	0.05	-1.11	0.00	0.00	0.00	2.25
	2	12	-0.42	2.20	0.00	0.00	0.00	0.25
		13	0.42	-2.20	0.00	0.00	0.00	3.91
	3	12	4.30	-0.13	0.00	0.00	0.00	0.24
		13	-4.30	0.13	0.00	0.00	0.00	-0.49
	13	12	2.87	-0.08	0.00	0.00	0.00	0.15
		13	-2.87	0.08	0.00	0.00	0.00	-0.30
	4	12	-0.53	2.80	0.00	0.00	0.00	0.32
		13	0.53	-2.80	0.00	0.00	0.00	4.98
	5	12	6.41	-0.19	0.00	0.00	0.00	0.36
		13	-6.41	0.19	0.00	0.00	0.00	-0.72
	15	12	4.32	-0.11	0.00	0.00	0.00	0.23
		13	-4.32	0.11	0.00	0.00	0.00	-0.45
	10	12	-0.22	1.15	0.00	0.00	0.00	0.13
		13	0.22	-1.15	0.00	0.00	0.00	2.04
	11	12	-0.26	0.49	0.00	0.00	0.00	0.25
		13	0.26	-0.49	0.00	0.00	0.00	0.68
	18	12	0.12	-1.21	0.00	0.00	0.00	-0.41
		13	-0.12	-1.30	0.00	0.00	0.00	0.50
	19	12	-2.51	0.63	0.00	0.00	0.00	0.06
		13	2.51	0.55	0.00	0.00	0.00	0.02
	20	12	-5.59	-1.78	0.00	0.00	0.00	-0.31
		13	5.59	4.14	0.00	0.00	0.00	-5.29
	100	12	-0.05	1.49	0.00	0.00	0.00	0.21
		13	0.05	-1.11	0.00	0.00	0.00	2.25
	101	12	1.39	1.45	0.00	0.00	0.00	0.29
		13	-1.39	-1.08	—	—	—	2.10

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	102	12	1.68	3.62	0.00	0.00	0.00	0.58
		13	-1.68	-3.25	0.00	0.00	0.00	5.92
	103	12	1.46	4.77	0.00	0.00	0.00	0.71
		13	-1.46	-4.40	0.00	0.00	0.00	7.96
	104	12	1.42	4.12	0.00	0.00	0.00	0.83
		13	-1.42	-3.74	0.00	0.00	0.00	6.60
	105	12	-1.05	5.41	0.00	0.00	0.00	0.77
		13	1.05	-3.85	0.00	0.00	0.00	7.98
	106	12	-1.09	4.75	0.00	0.00	0.00	0.89
		13	1.09	-3.19	0.00	0.00	0.00	6.62
	107	12	-4.13	3.00	0.00	0.00	0.00	0.40
		13	4.13	-0.26	0.00	0.00	0.00	2.68
	108	12	-4.17	2.34	0.00	0.00	0.00	0.52
		13	4.17	0.40	0.00	0.00	0.00	1.31
	111	12	2.11	1.43	0.00	0.00	0.00	0.33
		13	-2.11	-1.06	0.00	0.00	0.00	2.03
	112	12	2.62	4.19	0.00	0.00	0.00	0.71
		13	-2.62	-3.81	0.00	0.00	0.00	6.87
	113	12	2.40	5.34	0.00	0.00	0.00	0.84
		13	-2.40	-4.96	0.00	0.00	0.00	8.91
	114	12	2.36	4.69	0.00	0.00	0.00	0.96
		13	-2.36	-4.31	0.00	0.00	0.00	7.55
	115	12	-0.04	5.26	0.00	0.00	0.00	0.66
		13	0.04	-5.18	0.00	0.00	0.00	9.22
	116	12	-0.08	4.60	0.00	0.00	0.00	0.78
		13	0.08	-4.53	0.00	0.00	0.00	7.86
	117	12	-3.07	2.35	0.00	0.00	0.00	0.12
		13	3.07	-2.13	0.00	0.00	0.00	4.12
	118	12	-3.11	1.69	0.00	0.00	0.00	0.24
		13	3.11	-1.47	0.00	0.00	0.00	2.76
	121	12	2.82	1.42	0.00	0.00	0.00	0.37
		13	-2.82	-1.04	0.00	0.00	0.00	1.95
	122	12	3.83	3.56	0.00	0.00	0.00	0.70
		13	-3.83	-3.18	0.00	0.00	0.00	5.68
	123	12	3.61	4.71	0.00	0.00	0.00	0.83
		13	-3.61	-4.33	0.00	0.00	0.00	7.72
	124	12	3.57	4.05	0.00	0.00	0.00	0.95
		13	-3.57	-3.67	0.00	0.00	0.00	6.36
	125	12	1.10	5.34	0.00	0.00	0.00	0.89
		13	-1.10	-3.78	0.00	0.00	0.00	7.74
	126	12	1.06	4.68	0.00	0.00	0.00	1.01
		13	-1.06	-3.13	0.00	0.00	0.00	6.37
	127	12	-1.98	2.93	0.00	0.00	0.00	0.52
		13	1.98	-0.19	0.00	0.00	0.00	2.43
	128	12	-2.02	2.28	0.00	0.00	0.00	0.64
		13	2.02	0.46	0.00	0.00	0.00	1.07
	131	12	4.27	1.38	0.00	0.00	0.00	0.45
		13	-4.27	-1.00	0.00	0.00	0.00	1.80
	132	12	5.83	4.09	0.00	0.00	0.00	0.89
		13	-5.83	-3.72	0.00	0.00	0.00	6.50

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	133	12	5.61	5.24	0.00	0.00	0.00	1.01
		13	-5.61	-4.87	0.00	0.00	0.00	8.55
	134	12	2.36	4.69	0.00	0.00	0.00	0.96
		13	-2.36	-4.31	0.00	0.00	0.00	7.55
	135	12	3.17	5.16	0.00	0.00	0.00	0.83
		13	-3.17	-5.09	0.00	0.00	0.00	8.86
	136	12	3.12	4.50	0.00	0.00	0.00	0.96
		13	-3.12	-4.43	0.00	0.00	0.00	7.49
	137	12	0.14	2.25	0.00	0.00	0.00	0.29
		13	-0.14	-2.03	0.00	0.00	0.00	3.76
	138	12	0.10	1.60	0.00	0.00	0.00	0.42
		13	-0.10	-1.38	0.00	0.00	0.00	2.40
15	1	13	-0.05	2.44	0.00	0.00	0.00	-2.25
		14	0.05	-2.06	0.00	0.00	0.00	6.50
	2	13	-0.42	3.84	0.00	0.00	0.00	-3.91
		14	0.42	-3.84	0.00	0.00	0.00	11.18
	3	13	4.30	-0.26	0.00	0.00	0.00	0.49
		14	-4.30	0.26	0.00	0.00	0.00	-0.98
	13	13	2.87	-0.15	0.00	0.00	0.00	0.30
		14	-2.87	0.15	0.00	0.00	0.00	-0.59
	4	13	-0.53	4.89	0.00	0.00	0.00	-4.98
		14	0.53	-4.89	0.00	0.00	0.00	14.23
	5	13	6.41	-0.39	0.00	0.00	0.00	0.72
		14	-6.41	0.39	0.00	0.00	0.00	-1.46
	15	13	4.32	-0.23	0.00	0.00	0.00	0.45
		14	-4.32	0.23	0.00	0.00	0.00	-0.89
	10	13	-0.22	2.01	0.00	0.00	0.00	-2.04
		14	0.22	-2.01	0.00	0.00	0.00	5.85
	11	13	-0.26	0.89	0.00	0.00	0.00	-0.68
		14	0.26	-0.89	0.00	0.00	0.00	2.36
	18	13	0.12	-1.21	0.00	0.00	0.00	-0.50
		14	-0.12	-1.30	0.00	0.00	0.00	0.58
	19	13	-2.51	0.70	0.00	0.00	0.00	-0.02
		14	2.51	0.49	0.00	0.00	0.00	0.22
	20	13	-5.59	-3.91	0.00	0.00	0.00	5.29
		14	5.59	6.27	0.00	0.00	0.00	-14.92
	100	13	-0.05	2.44	0.00	0.00	0.00	-2.25
		14	0.05	-2.06	0.00	0.00	0.00	6.50
	101	13	1.39	2.36	0.00	0.00	0.00	-2.10
		14	-1.39	-1.98	0.00	0.00	0.00	6.21
	102	13	1.68	6.15	0.00	0.00	0.00	-5.92
		14	-1.68	-5.77	0.00	0.00	0.00	17.19
	103	13	1.46	8.16	0.00	0.00	0.00	-7.96
		14	-1.46	-7.78	0.00	0.00	0.00	23.04
	104	13	1.42	7.04	0.00	0.00	0.00	-6.60
		14	-1.42	-6.66	0.00	0.00	0.00	19.55
	105	13	-1.05	8.85	0.00	0.00	0.00	-7.98
		14	1.05	-7.30	0.00	0.00	0.00	23.25
	106	13	-1.09	7.73	0.00	0.00	0.00	-6.62
		14	1.09	-6.17	—	—	—	19.77

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	107	13	-4.13	4.25	0.00	0.00	0.00	-2.68
		14	4.13	-1.51	0.00	0.00	0.00	8.12
	108	13	-4.17	3.12	0.00	0.00	0.00	-1.31
		14	4.17	-0.39	0.00	0.00	0.00	4.63
	111	13	2.11	2.32	0.00	0.00	0.00	-2.03
		14	-2.11	-1.94	0.00	0.00	0.00	6.06
	112	13	2.62	7.13	0.00	0.00	0.00	-6.87
		14	-2.62	-6.76	0.00	0.00	0.00	20.00
	113	13	2.40	9.14	0.00	0.00	0.00	-8.91
		14	-2.40	-8.76	0.00	0.00	0.00	25.85
	114	13	2.36	8.02	0.00	0.00	0.00	-7.55
		14	-2.36	-7.64	0.00	0.00	0.00	22.36
	115	13	-0.04	9.12	0.00	0.00	0.00	-9.22
		14	0.04	-9.05	0.00	0.00	0.00	26.41
	116	13	-0.08	8.00	0.00	0.00	0.00	-7.86
		14	0.08	-7.93	0.00	0.00	0.00	22.92
	117	13	-3.07	4.02	0.00	0.00	0.00	-4.12
		14	3.07	-3.80	0.00	0.00	0.00	11.51
	118	13	-3.11	2.90	0.00	0.00	0.00	-2.76
		14	3.11	-2.67	0.00	0.00	0.00	8.03
	121	13	2.82	2.28	0.00	0.00	0.00	-1.95
		14	-2.82	-1.90	0.00	0.00	0.00	5.91
	122	13	3.83	6.02	0.00	0.00	0.00	-5.68
		14	-3.83	-5.64	0.00	0.00	0.00	16.70
	123	13	3.61	8.03	0.00	0.00	0.00	-7.72
		14	-3.61	-7.65	0.00	0.00	0.00	22.55
	124	13	3.57	6.90	0.00	0.00	0.00	-6.36
		14	-3.57	-6.53	0.00	0.00	0.00	19.06
	125	13	1.10	8.72	0.00	0.00	0.00	-7.74
		14	-1.10	-7.16	0.00	0.00	0.00	22.76
	126	13	1.06	7.60	0.00	0.00	0.00	-6.37
		14	-1.06	-6.04	0.00	0.00	0.00	19.28
	127	13	-1.98	4.12	0.00	0.00	0.00	-2.43
		14	1.98	-1.38	0.00	0.00	0.00	7.63
	128	13	-2.02	2.99	0.00	0.00	0.00	-1.07
		14	2.02	-0.25	0.00	0.00	0.00	4.14
	131	13	4.27	2.21	0.00	0.00	0.00	-1.80
		14	-4.27	-1.83	0.00	0.00	0.00	5.61
	132	13	5.83	6.94	0.00	0.00	0.00	-6.50
		14	-5.83	-6.56	0.00	0.00	0.00	19.27
	133	13	5.61	8.95	0.00	0.00	0.00	-8.55
		14	-5.61	-8.57	0.00	0.00	0.00	25.12
	134	13	2.36	8.02	0.00	0.00	0.00	-7.55
		14	-2.36	-7.64	0.00	0.00	0.00	22.36
	135	13	3.17	8.93	0.00	0.00	0.00	-8.86
		14	-3.17	-8.85	0.00	0.00	0.00	25.67
	136	13	3.12	7.80	0.00	0.00	0.00	-7.49
		14	-3.12	-7.73	0.00	0.00	0.00	22.19
	137	13	0.14	3.82	0.00	0.00	0.00	-3.76
		14	-0.14	-3.60	0.00	0.00	0.00	10.78

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	138	13	0.10	2.70	0.00	0.00	0.00	-2.40
		14	-0.10	-2.48	0.00	0.00	0.00	7.29
16	1	14	-0.05	-2.06	0.00	0.00	0.00	-6.50
		15	0.05	2.44	0.00	0.00	0.00	2.25
	2	14	-0.42	-3.84	0.00	0.00	0.00	-11.18
		15	0.42	3.84	0.00	0.00	0.00	3.91
	3	14	4.30	0.26	0.00	0.00	0.00	0.98
		15	-4.30	-0.26	0.00	0.00	0.00	-0.49
	13	14	2.87	0.15	0.00	0.00	0.00	0.59
		15	-2.87	-0.15	0.00	0.00	0.00	-0.30
	4	14	-0.53	-4.89	0.00	0.00	0.00	-14.23
		15	0.53	4.89	0.00	0.00	0.00	4.98
	5	14	6.41	0.39	0.00	0.00	0.00	1.46
		15	-6.41	-0.39	0.00	0.00	0.00	-0.72
	15	14	4.32	0.23	0.00	0.00	0.00	0.89
		15	-4.32	-0.23	0.00	0.00	0.00	-0.45
	10	14	-0.22	-2.01	0.00	0.00	0.00	-5.85
		15	0.22	2.01	0.00	0.00	0.00	2.04
	11	14	0.04	-1.12	0.00	0.00	0.00	-3.49
		15	-0.04	1.12	0.00	0.00	0.00	1.36
	18	14	0.12	-1.30	0.00	0.00	0.00	-0.58
		15	-0.12	-1.21	0.00	0.00	0.00	0.50
	19	14	-2.51	0.49	0.00	0.00	0.00	-0.22
		15	2.51	0.70	0.00	0.00	0.00	0.02
	20	14	-5.59	6.27	0.00	0.00	0.00	14.92
		15	5.59	-3.91	0.00	0.00	0.00	-5.29
	100	14	-0.05	-2.06	0.00	0.00	0.00	-6.50
		15	0.05	2.44	0.00	0.00	0.00	2.25
	101	14	1.39	-1.98	0.00	0.00	0.00	-6.21
		15	-1.39	2.36	0.00	0.00	0.00	2.10
	102	14	1.68	-5.77	0.00	0.00	0.00	-17.19
		15	-1.68	6.15	0.00	0.00	0.00	5.92
	103	14	1.46	-7.78	0.00	0.00	0.00	-23.04
		15	-1.46	8.16	0.00	0.00	0.00	7.96
	104	14	1.72	-6.90	0.00	0.00	0.00	-20.68
		15	-1.72	7.27	0.00	0.00	0.00	7.28
	105	14	-1.05	-7.30	0.00	0.00	0.00	-23.25
		15	1.05	8.85	0.00	0.00	0.00	7.98
	106	14	-0.79	-6.41	0.00	0.00	0.00	-20.90
		15	0.79	7.97	0.00	0.00	0.00	7.30
	107	14	-4.13	-1.51	0.00	0.00	0.00	-8.12
		15	4.13	4.25	0.00	0.00	0.00	2.68
	108	14	-3.86	-0.62	0.00	0.00	0.00	-5.77
		15	3.86	3.36	0.00	0.00	0.00	1.99
	111	14	2.11	-1.94	0.00	0.00	0.00	-6.06
		15	-2.11	2.32	0.00	0.00	0.00	2.03
	112	14	2.62	-6.76	0.00	0.00	0.00	-20.00
		15	-2.62	7.13	0.00	0.00	0.00	6.87
	113	14	2.40	-8.76	0.00	0.00	0.00	-25.85
		15	-2.40	9.14	—	—	—	8.91

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	114	14	2.67	-7.88	0.00	0.00	0.00	-23.49
		15	-2.67	8.26	0.00	0.00	0.00	8.23
	115	14	-0.04	-9.05	0.00	0.00	0.00	-26.41
		15	0.04	9.12	0.00	0.00	0.00	9.22
	116	14	0.22	-8.16	0.00	0.00	0.00	-24.05
		15	-0.22	8.24	0.00	0.00	0.00	8.54
	117	14	-3.07	-3.80	0.00	0.00	0.00	-11.51
		15	3.07	4.02	0.00	0.00	0.00	4.12
	118	14	-2.80	-2.91	0.00	0.00	0.00	-9.16
		15	2.80	3.13	0.00	0.00	0.00	3.44
	121	14	2.82	-1.90	0.00	0.00	0.00	-5.91
		15	-2.82	2.28	0.00	0.00	0.00	1.95
	122	14	3.83	-5.64	0.00	0.00	0.00	-16.70
		15	-3.83	6.02	0.00	0.00	0.00	5.68
	123	14	3.61	-7.65	0.00	0.00	0.00	-22.55
		15	-3.61	8.03	0.00	0.00	0.00	7.72
	124	14	3.87	-6.76	0.00	0.00	0.00	-20.19
		15	-3.87	7.14	0.00	0.00	0.00	7.04
	125	14	1.10	-7.16	0.00	0.00	0.00	-22.76
		15	-1.10	8.72	0.00	0.00	0.00	7.74
	126	14	1.36	-6.28	0.00	0.00	0.00	-20.41
		15	-1.36	7.84	0.00	0.00	0.00	7.05
	127	14	-1.98	-1.38	0.00	0.00	0.00	-7.63
		15	1.98	4.12	0.00	0.00	0.00	2.43
	128	14	-1.71	-0.49	0.00	0.00	0.00	-5.28
		15	1.71	3.23	0.00	0.00	0.00	1.75
	131	14	4.27	-1.83	0.00	0.00	0.00	-5.61
		15	-4.27	2.21	0.00	0.00	0.00	1.80
	132	14	5.83	-6.56	0.00	0.00	0.00	-19.27
		15	-5.83	6.94	0.00	0.00	0.00	6.50
	133	14	5.61	-8.57	0.00	0.00	0.00	-25.12
		15	-5.61	8.95	0.00	0.00	0.00	8.55
	134	14	2.67	-7.88	0.00	0.00	0.00	-23.49
		15	-2.67	8.26	0.00	0.00	0.00	8.23
	135	14	3.17	-8.85	0.00	0.00	0.00	-25.67
		15	-3.17	8.93	0.00	0.00	0.00	8.86
	136	14	3.43	-7.97	0.00	0.00	0.00	-23.32
		15	-3.43	8.04	0.00	0.00	0.00	8.18
	137	14	0.14	-3.60	0.00	0.00	0.00	-10.78
		15	-0.14	3.82	0.00	0.00	0.00	3.76
	138	14	0.40	-2.72	0.00	0.00	0.00	-8.42
		15	-0.40	2.94	0.00	0.00	0.00	3.08
17	1	15	-0.05	-1.11	0.00	0.00	0.00	-2.25
		16	0.05	1.49	0.00	0.00	0.00	-0.21
	2	15	-0.42	-2.20	0.00	0.00	0.00	-3.91
		16	0.42	2.20	0.00	0.00	0.00	-0.25
	3	15	4.30	0.13	0.00	0.00	0.00	0.49
		16	-4.30	-0.13	0.00	0.00	0.00	-0.24
	13	15	2.87	0.08	0.00	0.00	0.00	0.30

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	4	15	-0.53	-2.80	0.00	0.00	0.00	-4.98
		16	0.53	2.80	0.00	0.00	0.00	-0.31
	5	15	6.41	0.19	0.00	0.00	0.00	0.72
		16	-6.41	-0.19	0.00	0.00	0.00	-0.36
	15	15	4.32	0.11	0.00	0.00	0.00	0.45
		16	-4.32	-0.11	0.00	0.00	0.00	-0.23
	10	15	-0.22	-1.15	0.00	0.00	0.00	-2.04
		16	0.22	1.15	0.00	0.00	0.00	-0.13
	11	15	0.04	-0.66	0.00	0.00	0.00	-1.36
		16	-0.04	0.66	0.00	0.00	0.00	0.12
	18	15	0.12	-1.30	0.00	0.00	0.00	-0.50
		16	-0.12	-1.21	0.00	0.00	0.00	0.41
	19	15	-2.51	0.55	0.00	0.00	0.00	-0.02
		16	2.51	0.63	0.00	0.00	0.00	-0.06
	20	15	-5.59	4.14	0.00	0.00	0.00	5.29
		16	5.59	-1.78	0.00	0.00	0.00	0.31
	100	15	-0.05	-1.11	0.00	0.00	0.00	-2.25
		16	0.05	1.49	0.00	0.00	0.00	-0.21
	101	15	1.39	-1.08	0.00	0.00	0.00	-2.10
		16	-1.39	1.45	0.00	0.00	0.00	-0.29
	102	15	1.68	-3.25	0.00	0.00	0.00	-5.92
		16	-1.68	3.63	0.00	0.00	0.00	-0.58
	103	15	1.46	-4.40	0.00	0.00	0.00	-7.96
		16	-1.46	4.77	0.00	0.00	0.00	-0.71
	104	15	1.72	-3.90	0.00	0.00	0.00	-7.28
		16	-1.72	4.28	0.00	0.00	0.00	-0.46
	105	15	-1.05	-3.85	0.00	0.00	0.00	-7.98
		16	1.05	5.41	0.00	0.00	0.00	-0.77
	106	15	-0.79	-3.35	0.00	0.00	0.00	-7.30
		16	0.79	4.91	0.00	0.00	0.00	-0.52
	107	15	-4.13	-0.26	0.00	0.00	0.00	-2.68
		16	4.13	3.00	0.00	0.00	0.00	-0.40
	108	15	-3.86	0.24	0.00	0.00	0.00	-1.99
		16	3.86	2.50	0.00	0.00	0.00	-0.15
	111	15	2.11	-1.06	0.00	0.00	0.00	-2.03
		16	-2.11	1.44	0.00	0.00	0.00	-0.33
	112	15	2.62	-3.81	0.00	0.00	0.00	-6.87
		16	-2.62	4.19	0.00	0.00	0.00	-0.71
	113	15	2.40	-4.96	0.00	0.00	0.00	-8.91
		16	-2.40	5.34	0.00	0.00	0.00	-0.84
	114	15	2.67	-4.47	0.00	0.00	0.00	-8.23
		16	-2.67	4.85	0.00	0.00	0.00	-0.58
	115	15	-0.04	-5.18	0.00	0.00	0.00	-9.22
		16	0.04	5.26	0.00	0.00	0.00	-0.66
	116	15	0.22	-4.69	0.00	0.00	0.00	-8.54
		16	-0.22	4.76	0.00	0.00	0.00	-0.40
	117	15	-3.07	-2.13	0.00	0.00	0.00	-4.12
		16	3.07	2.35	0.00	0.00	0.00	-0.12
	118	15	-2.80	-1.64	0.00	0.00	0.00	-3.44
		16	2.80	1.86	0.00	0.00	0.00	0.14

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	121	15	2.82	-1.04	0.00	0.00	0.00	-1.95
		16	-2.82	1.42	0.00	0.00	0.00	-0.37
	122	15	3.83	-3.18	0.00	0.00	0.00	-5.68
		16	-3.83	3.56	0.00	0.00	0.00	-0.70
	123	15	3.61	-4.33	0.00	0.00	0.00	-7.72
		16	-3.61	4.71	0.00	0.00	0.00	-0.83
	124	15	3.87	-3.84	0.00	0.00	0.00	-7.04
		16	-3.87	4.22	0.00	0.00	0.00	-0.58
	125	15	1.10	-3.78	0.00	0.00	0.00	-7.74
		16	-1.10	5.34	0.00	0.00	0.00	-0.89
	126	15	1.36	-3.29	0.00	0.00	0.00	-7.05
		16	-1.36	4.85	0.00	0.00	0.00	-0.64
	127	15	-1.98	-0.19	0.00	0.00	0.00	-2.43
		16	1.98	2.93	0.00	0.00	0.00	-0.52
	128	15	-1.71	0.30	0.00	0.00	0.00	-1.75
		16	1.71	2.44	0.00	0.00	0.00	-0.27
	131	15	4.27	-1.00	0.00	0.00	0.00	-1.80
		16	-4.27	1.38	0.00	0.00	0.00	-0.45
	132	15	5.83	-3.72	0.00	0.00	0.00	-6.50
		16	-5.83	4.09	0.00	0.00	0.00	-0.89
	133	15	5.61	-4.87	0.00	0.00	0.00	-8.55
		16	-5.61	5.24	0.00	0.00	0.00	-1.01
	134	15	2.67	-4.47	0.00	0.00	0.00	-8.23
		16	-2.67	4.85	0.00	0.00	0.00	-0.58
	135	15	3.17	-5.09	0.00	0.00	0.00	-8.86
		16	-3.17	5.16	0.00	0.00	0.00	-0.83
	136	15	3.43	-4.59	0.00	0.00	0.00	-8.18
		16	-3.43	4.67	0.00	0.00	0.00	-0.58
	137	15	0.14	-2.03	0.00	0.00	0.00	-3.76
		16	-0.14	2.25	0.00	0.00	0.00	-0.29
	138	15	0.40	-1.54	0.00	0.00	0.00	-3.08
		16	-0.40	1.76	0.00	0.00	0.00	-0.04
18	1	16	-0.05	-0.46	0.00	0.00	0.00	0.21
		17	0.05	0.84	0.00	0.00	0.00	-1.45
	2	16	-0.42	-1.05	0.00	0.00	0.00	0.25
		17	0.42	1.05	0.00	0.00	0.00	-2.24
	3	16	4.30	0.05	0.00	0.00	0.00	0.24
		17	-4.30	-0.05	0.00	0.00	0.00	-0.14
	13	16	2.87	0.03	0.00	0.00	0.00	0.15
		17	-2.87	-0.03	0.00	0.00	0.00	-0.10
	4	16	-0.53	-1.34	0.00	0.00	0.00	0.31
		17	0.53	1.34	0.00	0.00	0.00	-2.85
	5	16	6.41	0.08	0.00	0.00	0.00	0.36
		17	-6.41	-0.08	0.00	0.00	0.00	-0.21
	15	16	4.32	0.05	0.00	0.00	0.00	0.23
		17	-4.32	-0.05	0.00	0.00	0.00	-0.15
	10	16	-0.22	-0.55	0.00	0.00	0.00	0.13
		17	0.22	0.55	0.00	0.00	0.00	-1.17
	11	16	0.04	-0.30	0.00	0.00	0.00	-0.12

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	18	16	0.12	-1.31	0.00	0.00	0.00	-0.41
		17	-0.12	-1.20	0.00	0.00	0.00	0.31
	19	16	-2.51	0.59	0.00	0.00	0.00	0.06
		17	2.51	0.59	0.00	0.00	0.00	-0.06
	20	16	-5.59	2.65	0.00	0.00	0.00	-0.31
		17	5.59	-0.28	0.00	0.00	0.00	3.08
	100	16	-0.05	-0.46	0.00	0.00	0.00	0.21
		17	0.05	0.84	0.00	0.00	0.00	-1.45
	101	16	1.39	-0.45	0.00	0.00	0.00	0.29
		17	-1.39	0.83	0.00	0.00	0.00	-1.50
	102	16	1.68	-1.49	0.00	0.00	0.00	0.58
		17	-1.68	1.87	0.00	0.00	0.00	-3.76
	103	16	1.46	-2.04	0.00	0.00	0.00	0.71
		17	-1.46	2.42	0.00	0.00	0.00	-4.93
	104	16	1.72	-1.79	0.00	0.00	0.00	0.46
		17	-1.72	2.17	0.00	0.00	0.00	-4.20
	105	16	-1.05	-1.45	0.00	0.00	0.00	0.77
		17	1.05	3.01	0.00	0.00	0.00	-4.99
	106	16	-0.79	-1.20	0.00	0.00	0.00	0.52
		17	0.79	2.76	0.00	0.00	0.00	-4.26
	107	16	-4.13	0.60	0.00	0.00	0.00	0.40
		17	4.13	2.14	0.00	0.00	0.00	-1.85
	108	16	-3.86	0.85	0.00	0.00	0.00	0.15
		17	3.86	1.88	0.00	0.00	0.00	-1.12
	111	16	2.11	-0.44	0.00	0.00	0.00	0.33
		17	-2.11	0.82	0.00	0.00	0.00	-1.52
	112	16	2.62	-1.77	0.00	0.00	0.00	0.71
		17	-2.62	2.14	0.00	0.00	0.00	-4.41
	113	16	2.40	-2.32	0.00	0.00	0.00	0.84
		17	-2.40	2.69	0.00	0.00	0.00	-5.58
	114	16	2.67	-2.07	0.00	0.00	0.00	0.58
		17	-2.67	2.44	0.00	0.00	0.00	-4.85
	115	16	-0.04	-2.50	0.00	0.00	0.00	0.66
		17	0.04	2.57	0.00	0.00	0.00	-5.46
	116	16	0.22	-2.25	0.00	0.00	0.00	0.40
		17	-0.22	2.32	0.00	0.00	0.00	-4.73
	117	16	-3.07	-0.98	0.00	0.00	0.00	0.12
		17	3.07	1.21	0.00	0.00	0.00	-2.19
	118	16	-2.80	-0.73	0.00	0.00	0.00	-0.14
		17	2.80	0.95	0.00	0.00	0.00	-1.46
	121	16	2.82	-0.43	0.00	0.00	0.00	0.37
		17	-2.82	0.81	0.00	0.00	0.00	-1.55
	122	16	3.83	-1.47	0.00	0.00	0.00	0.70
		17	-3.83	1.84	0.00	0.00	0.00	-3.83
	123	16	3.61	-2.02	0.00	0.00	0.00	0.83
		17	-3.61	2.39	0.00	0.00	0.00	-5.00
	124	16	3.87	-1.76	0.00	0.00	0.00	0.58
		17	-3.87	2.14	0.00	0.00	0.00	-4.27
	125	16	1.10	-1.43	0.00	0.00	0.00	0.89
		17	-1.10	2.98	0.00	0.00	0.00	-5.06

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	126	16	1.36	-1.17	0.00	0.00	0.00	0.64
		17	-1.36	2.73	0.00	0.00	0.00	-4.33
	127	16	-1.98	0.63	0.00	0.00	0.00	0.52
		17	1.98	2.11	0.00	0.00	0.00	-1.92
	128	16	-1.71	0.88	0.00	0.00	0.00	0.27
		17	1.71	1.86	0.00	0.00	0.00	-1.19
	131	16	4.27	-0.42	0.00	0.00	0.00	0.45
		17	-4.27	0.80	0.00	0.00	0.00	-1.60
	132	16	5.83	-1.73	0.00	0.00	0.00	0.89
		17	-5.83	2.11	0.00	0.00	0.00	-4.51
	133	16	5.61	-2.28	0.00	0.00	0.00	1.01
		17	-5.61	2.66	0.00	0.00	0.00	-5.68
	134	16	2.67	-2.07	0.00	0.00	0.00	0.58
		17	-2.67	2.44	0.00	0.00	0.00	-4.85
	135	16	3.17	-2.46	0.00	0.00	0.00	0.83
		17	-3.17	2.54	0.00	0.00	0.00	-5.56
	136	16	3.43	-2.21	0.00	0.00	0.00	0.58
		17	-3.43	2.28	0.00	0.00	0.00	-4.83
	137	16	0.14	-0.95	0.00	0.00	0.00	0.29
		17	-0.14	1.17	0.00	0.00	0.00	-2.29
	138	16	0.40	-0.69	0.00	0.00	0.00	0.04
		17	-0.40	0.92	0.00	0.00	0.00	-1.57
19	1	17	-0.05	-0.11	0.00	0.00	0.00	1.45
		18	0.05	0.49	0.00	0.00	0.00	-2.02
	2	17	-0.42	-0.42	0.00	0.00	0.00	2.24
		18	0.42	0.42	0.00	0.00	0.00	-3.03
	3	17	4.30	0.04	0.00	0.00	0.00	0.14
		18	-4.30	-0.04	0.00	0.00	0.00	-0.06
	13	17	2.87	0.03	0.00	0.00	0.00	0.10
		18	-2.87	-0.03	0.00	0.00	0.00	-0.04
	4	17	-0.53	-0.53	0.00	0.00	0.00	2.85
		18	0.53	0.53	0.00	0.00	0.00	-3.85
	5	17	6.41	0.06	0.00	0.00	0.00	0.21
		18	-6.41	-0.06	0.00	0.00	0.00	-0.09
	15	17	4.32	0.04	0.00	0.00	0.00	0.15
		18	-4.32	-0.04	0.00	0.00	0.00	-0.07
	10	17	-0.22	-0.22	0.00	0.00	0.00	1.17
		18	0.22	0.22	0.00	0.00	0.00	-1.58
	11	17	0.04	-0.07	0.00	0.00	0.00	0.44
		18	-0.04	0.07	0.00	0.00	0.00	-0.57
	18	17	0.12	-1.33	0.00	0.00	0.00	-0.31
		18	-0.12	-1.18	0.00	0.00	0.00	0.16
	19	17	-2.51	0.60	0.00	0.00	0.00	0.06
		18	2.51	0.58	0.00	0.00	0.00	-0.04
	20	17	-5.59	1.78	0.00	0.00	0.00	-3.08
		18	5.59	0.58	0.00	0.00	0.00	4.22
	100	17	-0.05	-0.11	0.00	0.00	0.00	1.45
		18	0.05	0.49	0.00	0.00	0.00	-2.02
	101	17	1.39	-0.10	0.00	0.00	0.00	1.50

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	102	17	1.68	-0.51	0.00	0.00	0.00	3.76
		18	-1.68	0.89	0.00	0.00	0.00	-5.08
	103	17	1.46	-0.73	0.00	0.00	0.00	4.93
		18	-1.46	1.10	0.00	0.00	0.00	-6.66
	104	17	1.72	-0.58	0.00	0.00	0.00	4.20
		18	-1.72	0.96	0.00	0.00	0.00	-5.65
	105	17	-1.05	-0.12	0.00	0.00	0.00	4.99
		18	1.05	1.68	0.00	0.00	0.00	-6.70
	106	17	-0.79	0.02	0.00	0.00	0.00	4.26
		18	0.79	1.53	0.00	0.00	0.00	-5.69
	107	17	-4.13	1.06	0.00	0.00	0.00	1.85
		18	4.13	1.68	0.00	0.00	0.00	-2.44
	108	17	-3.86	1.20	0.00	0.00	0.00	1.12
		18	3.86	1.54	0.00	0.00	0.00	-1.44
	111	17	2.11	-0.09	0.00	0.00	0.00	1.52
		18	-2.11	0.47	0.00	0.00	0.00	-2.06
	112	17	2.62	-0.61	0.00	0.00	0.00	4.41
		18	-2.62	0.99	0.00	0.00	0.00	-5.92
	113	17	2.40	-0.83	0.00	0.00	0.00	5.58
		18	-2.40	1.21	0.00	0.00	0.00	-7.50
	114	17	2.67	-0.68	0.00	0.00	0.00	4.85
		18	-2.67	1.06	0.00	0.00	0.00	-6.49
	115	17	-0.04	-1.01	0.00	0.00	0.00	5.46
		18	0.04	1.09	0.00	0.00	0.00	-7.44
	116	17	0.22	-0.87	0.00	0.00	0.00	4.73
		18	-0.22	0.94	0.00	0.00	0.00	-6.44
	117	17	-3.07	-0.38	0.00	0.00	0.00	2.19
		18	3.07	0.60	0.00	0.00	0.00	-3.12
	118	17	-2.80	-0.23	0.00	0.00	0.00	1.46
		18	2.80	0.45	0.00	0.00	0.00	-2.11
	121	17	2.82	-0.09	0.00	0.00	0.00	1.55
		18	-2.82	0.46	0.00	0.00	0.00	-2.07
	122	17	3.83	-0.49	0.00	0.00	0.00	3.83
		18	-3.83	0.87	0.00	0.00	0.00	-5.11
	123	17	3.61	-0.70	0.00	0.00	0.00	5.00
		18	-3.61	1.08	0.00	0.00	0.00	-6.69
	124	17	3.87	-0.56	0.00	0.00	0.00	4.27
		18	-3.87	0.93	0.00	0.00	0.00	-5.68
	125	17	1.10	-0.10	0.00	0.00	0.00	5.06
		18	-1.10	1.66	0.00	0.00	0.00	-6.73
	126	17	1.36	0.05	0.00	0.00	0.00	4.33
		18	-1.36	1.51	0.00	0.00	0.00	-5.72
	127	17	-1.98	1.08	0.00	0.00	0.00	1.92
		18	1.98	1.66	0.00	0.00	0.00	-2.47
	128	17	-1.71	1.23	0.00	0.00	0.00	1.19
		18	1.71	1.51	0.00	0.00	0.00	-1.47
	131	17	4.27	-0.07	0.00	0.00	0.00	1.60
		18	-4.27	0.45	0.00	0.00	0.00	-2.09
	132	17	5.83	-0.58	0.00	0.00	0.00	4.51
		18	-5.83	0.96	0.00	0.00	0.00	-5.97

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	133	17	5.61	-0.80	0.00	0.00	0.00	5.68
		18	-5.61	1.18	0.00	0.00	0.00	-7.55
	134	17	2.67	-0.68	0.00	0.00	0.00	4.85
		18	-2.67	1.06	0.00	0.00	0.00	-6.49
	135	17	3.17	-0.98	0.00	0.00	0.00	5.56
		18	-3.17	1.06	0.00	0.00	0.00	-7.49
	136	17	3.43	-0.83	0.00	0.00	0.00	4.83
		18	-3.43	0.91	0.00	0.00	0.00	-6.48
	137	17	0.14	-0.35	0.00	0.00	0.00	2.29
		18	-0.14	0.57	0.00	0.00	0.00	-3.16
	138	17	0.40	-0.20	0.00	0.00	0.00	1.57
		18	-0.40	0.42	0.00	0.00	0.00	-2.16
20	1	18	-0.05	0.01	0.00	0.00	0.00	2.02
		19	0.05	0.36	0.00	0.00	0.00	-2.35
	2	18	-0.42	-0.17	0.00	0.00	0.00	3.03
		19	0.42	0.17	0.00	0.00	0.00	-3.35
	3	18	4.30	0.11	0.00	0.00	0.00	0.06
		19	-4.30	-0.11	0.00	0.00	0.00	0.15
	13	18	2.87	0.07	0.00	0.00	0.00	0.04
		19	-2.87	-0.07	0.00	0.00	0.00	0.09
	4	18	-0.53	-0.22	0.00	0.00	0.00	3.85
		19	0.53	0.22	0.00	0.00	0.00	-4.27
	5	18	6.41	0.16	0.00	0.00	0.00	0.09
		19	-6.41	-0.16	0.00	0.00	0.00	0.22
	15	18	4.32	0.11	0.00	0.00	0.00	0.07
		19	-4.32	-0.11	0.00	0.00	0.00	0.14
	10	18	-0.22	-0.09	0.00	0.00	0.00	1.58
		19	0.22	0.09	0.00	0.00	0.00	-1.75
	11	18	0.04	0.06	0.00	0.00	0.00	0.57
		19	-0.04	-0.06	0.00	0.00	0.00	-0.47
	18	18	0.12	-1.36	0.00	0.00	0.00	-0.16
		19	-0.12	-1.16	0.00	0.00	0.00	-0.03
	19	18	-2.51	0.58	0.00	0.00	0.00	0.04
		19	2.51	0.60	0.00	0.00	0.00	-0.07
	20	18	-5.59	1.37	0.00	0.00	0.00	-4.22
		19	5.59	1.00	0.00	0.00	0.00	4.57
	100	18	-0.05	0.01	0.00	0.00	0.00	2.02
		19	0.05	0.36	0.00	0.00	0.00	-2.35
	101	18	1.39	0.05	0.00	0.00	0.00	2.04
		19	-1.39	0.33	0.00	0.00	0.00	-2.31
	102	18	1.68	-0.10	0.00	0.00	0.00	5.08
		19	-1.68	0.48	0.00	0.00	0.00	-5.63
	103	18	1.46	-0.19	0.00	0.00	0.00	6.66
		19	-1.46	0.57	0.00	0.00	0.00	-7.39
	104	18	1.72	-0.05	0.00	0.00	0.00	5.65
		19	-1.72	0.43	0.00	0.00	0.00	-6.10
	105	18	-1.05	0.38	0.00	0.00	0.00	6.70
		19	1.05	1.18	0.00	0.00	0.00	-7.45
	106	18	-0.79	0.53	0.00	0.00	0.00	5.69

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	107	18	-4.13	1.17	0.00	0.00	0.00	2.44
		19	4.13	1.57	0.00	0.00	0.00	-2.82
	108	18	-3.86	1.32	0.00	0.00	0.00	1.44
		19	3.86	1.42	0.00	0.00	0.00	-1.54
	111	18	2.11	0.07	0.00	0.00	0.00	2.06
		19	-2.11	0.31	0.00	0.00	0.00	-2.28
	112	18	2.62	-0.12	0.00	0.00	0.00	5.92
		19	-2.62	0.50	0.00	0.00	0.00	-6.51
	113	18	2.40	-0.21	0.00	0.00	0.00	7.50
		19	-2.40	0.59	0.00	0.00	0.00	-8.26
	114	18	2.67	-0.07	0.00	0.00	0.00	6.49
		19	-2.67	0.45	0.00	0.00	0.00	-6.98
	115	18	-0.04	-0.44	0.00	0.00	0.00	7.44
		19	0.04	0.51	0.00	0.00	0.00	-8.35
	116	18	0.22	-0.29	0.00	0.00	0.00	6.44
		19	-0.22	0.37	0.00	0.00	0.00	-7.06
	117	18	-3.07	-0.21	0.00	0.00	0.00	3.12
		19	3.07	0.43	0.00	0.00	0.00	-3.72
	118	18	-2.80	-0.06	0.00	0.00	0.00	2.11
		19	2.80	0.28	0.00	0.00	0.00	-2.44
	121	18	2.82	0.09	0.00	0.00	0.00	2.07
		19	-2.82	0.29	0.00	0.00	0.00	-2.26
	122	18	3.83	-0.05	0.00	0.00	0.00	5.11
		19	-3.83	0.43	0.00	0.00	0.00	-5.56
	123	18	3.61	-0.14	0.00	0.00	0.00	6.69
		19	-3.61	0.52	0.00	0.00	0.00	-7.31
	124	18	3.87	0.01	0.00	0.00	0.00	5.68
		19	-3.87	0.37	0.00	0.00	0.00	-6.03
	125	18	1.10	0.44	0.00	0.00	0.00	6.73
		19	-1.10	1.12	0.00	0.00	0.00	-7.38
	126	18	1.36	0.58	0.00	0.00	0.00	5.72
		19	-1.36	0.98	0.00	0.00	0.00	-6.10
	127	18	-1.98	1.23	0.00	0.00	0.00	2.47
		19	1.98	1.51	0.00	0.00	0.00	-2.75
	128	18	-1.71	1.37	0.00	0.00	0.00	1.47
		19	1.71	1.37	0.00	0.00	0.00	-1.46
	131	18	4.27	0.12	0.00	0.00	0.00	2.09
		19	-4.27	0.26	0.00	0.00	0.00	-2.21
	132	18	5.83	-0.04	0.00	0.00	0.00	5.97
		19	-5.83	0.42	0.00	0.00	0.00	-6.40
	133	18	5.61	-0.13	0.00	0.00	0.00	7.55
		19	-5.61	0.51	0.00	0.00	0.00	-8.16
	134	18	2.67	-0.07	0.00	0.00	0.00	6.49
		19	-2.67	0.45	0.00	0.00	0.00	-6.98
	135	18	3.17	-0.36	0.00	0.00	0.00	7.49
		19	-3.17	0.43	0.00	0.00	0.00	-8.24
	136	18	3.43	-0.21	0.00	0.00	0.00	6.48
		19	-3.43	0.29	0.00	0.00	0.00	-6.95
	137	18	0.14	-0.13	0.00	0.00	0.00	3.16
		19	-0.14	0.35	0.00	0.00	0.00	-3.62

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	138	18	0.40	0.02	0.00	0.00	0.00	2.16
		19	-0.40	0.20	0.00	0.00	0.00	-2.33
21	1	19	-0.05	0.03	0.00	0.00	0.00	2.35
		20	0.05	0.35	0.00	0.00	0.00	-2.66
	2	19	-0.42	-0.15	0.00	0.00	0.00	3.35
		20	0.42	0.15	0.00	0.00	0.00	-3.64
	3	19	4.30	0.25	0.00	0.00	0.00	-0.15
		20	-4.30	-0.25	0.00	0.00	0.00	0.62
	13	19	2.87	0.17	0.00	0.00	0.00	-0.09
		20	-2.87	-0.17	0.00	0.00	0.00	0.41
	4	19	-0.53	-0.19	0.00	0.00	0.00	4.27
		20	0.53	0.19	0.00	0.00	0.00	-4.63
	5	19	6.41	0.38	0.00	0.00	0.00	-0.22
		20	-6.41	-0.38	0.00	0.00	0.00	0.93
	15	19	4.32	0.25	0.00	0.00	0.00	-0.14
		20	-4.32	-0.25	0.00	0.00	0.00	0.61
	10	19	-0.22	-0.08	0.00	0.00	0.00	1.75
		20	0.22	0.08	0.00	0.00	0.00	-1.90
	11	19	0.04	0.11	0.00	0.00	0.00	0.47
		20	-0.04	-0.11	0.00	0.00	0.00	-0.27
	18	19	0.12	-1.38	0.00	0.00	0.00	0.03
		20	-0.12	-1.14	0.00	0.00	0.00	-0.25
	19	19	-2.51	0.50	0.00	0.00	0.00	0.07
		20	2.51	0.68	0.00	0.00	0.00	-0.23
	20	19	-5.59	1.14	0.00	0.00	0.00	-4.57
		20	5.59	1.22	0.00	0.00	0.00	4.50
	100	19	-0.05	0.03	0.00	0.00	0.00	2.35
		20	0.05	0.35	0.00	0.00	0.00	-2.66
	101	19	1.39	0.11	0.00	0.00	0.00	2.31
		20	-1.39	0.27	0.00	0.00	0.00	-2.46
	102	19	1.68	0.00	0.00	0.00	0.00	5.63
		20	-1.68	0.38	0.00	0.00	0.00	-5.99
	103	19	1.46	-0.08	0.00	0.00	0.00	7.39
		20	-1.46	0.46	0.00	0.00	0.00	-7.89
	104	19	1.72	0.11	0.00	0.00	0.00	6.10
		20	-1.72	0.27	0.00	0.00	0.00	-6.26
	105	19	-1.05	0.43	0.00	0.00	0.00	7.45
		20	1.05	1.13	0.00	0.00	0.00	-8.12
	106	19	-0.79	0.61	0.00	0.00	0.00	6.17
		20	0.79	0.95	0.00	0.00	0.00	-6.48
	107	19	-4.13	1.06	0.00	0.00	0.00	2.82
		20	4.13	1.67	0.00	0.00	0.00	-3.39
	108	19	-3.86	1.25	0.00	0.00	0.00	1.54
		20	3.86	1.49	0.00	0.00	0.00	-1.76
	111	19	2.11	0.15	0.00	0.00	0.00	2.28
		20	-2.11	0.23	0.00	0.00	0.00	-2.36
	112	19	2.62	0.02	0.00	0.00	0.00	6.51
		20	-2.62	0.36	0.00	0.00	0.00	-6.83
	113	19	2.40	-0.06	0.00	0.00	0.00	8.26
		20	2.40	0.43				

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	114	19	2.67	0.13	0.00	0.00	0.00	6.98
		20	-2.67	0.25	0.00	0.00	0.00	-7.10
	115	19	-0.04	-0.36	0.00	0.00	0.00	8.35
		20	0.04	0.44	0.00	0.00	0.00	-9.10
	116	19	0.22	-0.18	0.00	0.00	0.00	7.06
		20	-0.22	0.25	0.00	0.00	0.00	-7.47
	117	19	-3.07	-0.29	0.00	0.00	0.00	3.72
		20	3.07	0.51	0.00	0.00	0.00	-4.48
	118	19	-2.80	-0.11	0.00	0.00	0.00	2.44
		20	2.80	0.33	0.00	0.00	0.00	-2.85
	121	19	2.82	0.19	0.00	0.00	0.00	2.26
		20	-2.82	0.19	0.00	0.00	0.00	-2.26
	122	19	3.83	0.13	0.00	0.00	0.00	5.56
		20	-3.83	0.25	0.00	0.00	0.00	-5.68
	123	19	3.61	0.05	0.00	0.00	0.00	7.31
		20	-3.61	0.33	0.00	0.00	0.00	-7.58
	124	19	3.87	0.23	0.00	0.00	0.00	6.03
		20	-3.87	0.14	0.00	0.00	0.00	-5.94
	125	19	1.10	0.55	0.00	0.00	0.00	7.38
		20	-1.10	1.00	0.00	0.00	0.00	-7.81
	126	19	1.36	0.74	0.00	0.00	0.00	6.10
		20	-1.36	0.82	0.00	0.00	0.00	-6.17
	127	19	-1.98	1.19	0.00	0.00	0.00	2.75
		20	1.98	1.55	0.00	0.00	0.00	-3.08
	128	19	-1.71	1.38	0.00	0.00	0.00	1.46
		20	1.71	1.36	0.00	0.00	0.00	-1.45
	131	19	4.27	0.28	0.00	0.00	0.00	2.21
		20	-4.27	0.10	0.00	0.00	0.00	-2.05
	132	19	5.83	0.21	0.00	0.00	0.00	6.40
		20	-5.83	0.17	0.00	0.00	0.00	-6.36
	133	19	5.61	0.13	0.00	0.00	0.00	8.16
		20	-5.61	0.25	0.00	0.00	0.00	-8.26
	134	19	2.67	0.13	0.00	0.00	0.00	6.98
		20	-2.67	0.25	0.00	0.00	0.00	-7.10
	135	19	3.17	-0.18	0.00	0.00	0.00	8.24
		20	-3.17	0.25	0.00	0.00	0.00	-8.64
	136	19	3.43	0.01	0.00	0.00	0.00	6.95
		20	-3.43	0.06	0.00	0.00	0.00	-7.01
	137	19	0.14	-0.10	0.00	0.00	0.00	3.62
		20	-0.14	0.32	0.00	0.00	0.00	-4.02
	138	19	0.40	0.08	0.00	0.00	0.00	2.33
		20	-0.40	0.14	0.00	0.00	0.00	-2.39
22	1	20	-0.05	0.05	0.00	0.00	0.00	2.66
		21	0.05	0.33	0.00	0.00	0.00	-2.92
	2	20	-0.42	-0.16	0.00	0.00	0.00	3.64
		21	0.42	0.16	0.00	0.00	0.00	-3.95
	3	20	4.30	0.47	0.00	0.00	0.00	-0.62
		21	-4.30	-0.47	0.00	0.00	0.00	1.51
	13	20	2.87	0.30	0.00	0.00	0.00	-0.41
		21	-2.87	-0.30	—	—	—	0.98

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	4	20	-0.53	-0.21	0.00	0.00	0.00	4.63
		21	0.53	0.21	0.00	0.00	0.00	-5.02
	5	20	6.41	0.69	0.00	0.00	0.00	-0.93
		21	-6.41	-0.69	0.00	0.00	0.00	2.25
	15	20	4.32	0.45	0.00	0.00	0.00	-0.61
		21	-4.32	-0.45	0.00	0.00	0.00	1.47
	10	20	-0.22	-0.09	0.00	0.00	0.00	1.90
		21	0.22	0.09	0.00	0.00	0.00	-2.06
	11	20	0.04	0.11	0.00	0.00	0.00	0.27
		21	-0.04	-0.11	0.00	0.00	0.00	-0.06
	18	20	0.12	-1.36	0.00	0.00	0.00	0.25
		21	-0.12	-1.16	0.00	0.00	0.00	-0.45
	19	20	-2.51	0.38	0.00	0.00	0.00	0.23
		21	2.51	0.80	0.00	0.00	0.00	-0.62
	20	20	-5.59	0.84	0.00	0.00	0.00	-4.50
		21	5.59	1.52	0.00	0.00	0.00	3.84
	100	20	-0.05	0.05	0.00	0.00	0.00	2.66
		21	0.05	0.33	0.00	0.00	0.00	-2.92
	101	20	1.39	0.20	0.00	0.00	0.00	2.46
		21	-1.39	0.18	0.00	0.00	0.00	-2.44
	102	20	1.68	0.12	0.00	0.00	0.00	5.99
		21	-1.68	0.26	0.00	0.00	0.00	-6.12
	103	20	1.46	0.04	0.00	0.00	0.00	7.89
		21	-1.46	0.34	0.00	0.00	0.00	-8.18
	104	20	1.72	0.23	0.00	0.00	0.00	6.26
		21	-1.72	0.15	0.00	0.00	0.00	-6.18
	105	20	-1.05	0.42	0.00	0.00	0.00	8.12
		21	1.05	1.14	0.00	0.00	0.00	-8.80
	106	20	-0.79	0.61	0.00	0.00	0.00	6.48
		21	0.79	0.95	0.00	0.00	0.00	-6.80
	107	20	-4.13	0.87	0.00	0.00	0.00	3.39
		21	4.13	1.87	0.00	0.00	0.00	-4.34
	108	20	-3.86	1.07	0.00	0.00	0.00	1.76
		21	3.86	1.67	0.00	0.00	0.00	-2.34
	111	20	2.11	0.28	0.00	0.00	0.00	2.36
		21	-2.11	0.10	0.00	0.00	0.00	-2.19
	112	20	2.62	0.19	0.00	0.00	0.00	6.83
		21	-2.62	0.19	0.00	0.00	0.00	-6.82
	113	20	2.40	0.11	0.00	0.00	0.00	8.73
		21	-2.40	0.27	0.00	0.00	0.00	-8.89
	114	20	2.67	0.30	0.00	0.00	0.00	7.10
		21	-2.67	0.08	0.00	0.00	0.00	-6.89
	115	20	-0.04	-0.31	0.00	0.00	0.00	9.10
		21	0.04	0.39	0.00	0.00	0.00	-9.77
	116	20	0.22	-0.12	0.00	0.00	0.00	7.47
		21	-0.22	0.19	0.00	0.00	0.00	-7.77
	117	20	-3.07	-0.42	0.00	0.00	0.00	4.48
		21	3.07	0.64	0.00	0.00	0.00	-5.49
	118	20	-2.80	-0.23	0.00	0.00	0.00	2.85
		21	2.80	0.45	0.00	0.00	0.00	-3.49

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	121	20	2.82	0.35	0.00	0.00	0.00	2.26
		21	-2.82	0.02	0.00	0.00	0.00	-1.95
	122	20	3.83	0.35	0.00	0.00	0.00	5.68
		21	-3.83	0.02	0.00	0.00	0.00	-5.36
	123	20	3.61	0.27	0.00	0.00	0.00	7.58
		21	-3.61	0.11	0.00	0.00	0.00	-7.43
	124	20	3.87	0.46	0.00	0.00	0.00	5.94
		21	-3.87	-0.08	0.00	0.00	0.00	-5.43
	125	20	1.10	0.65	0.00	0.00	0.00	7.81
		21	-1.10	0.91	0.00	0.00	0.00	-8.05
	126	20	1.36	0.85	0.00	0.00	0.00	6.17
		21	-1.36	0.71	0.00	0.00	0.00	-6.05
	127	20	-1.98	1.11	0.00	0.00	0.00	3.08
		21	1.98	1.63	0.00	0.00	0.00	-3.58
	128	20	-1.71	1.30	0.00	0.00	0.00	1.45
		21	1.71	1.44	0.00	0.00	0.00	-1.58
	131	20	4.27	0.51	0.00	0.00	0.00	2.05
		21	-4.27	-0.13	0.00	0.00	0.00	-1.45
	132	20	5.83	0.54	0.00	0.00	0.00	6.36
		21	-5.83	-0.16	0.00	0.00	0.00	-5.70
	133	20	5.61	0.45	0.00	0.00	0.00	8.26
		21	-5.61	-0.08	0.00	0.00	0.00	-7.76
	134	20	2.67	0.30	0.00	0.00	0.00	7.10
		21	-2.67	0.08	0.00	0.00	0.00	-6.89
	135	20	3.17	0.03	0.00	0.00	0.00	8.64
		21	-3.17	0.04	0.00	0.00	0.00	-8.65
	136	20	3.43	0.23	0.00	0.00	0.00	7.01
		21	-3.43	-0.15	0.00	0.00	0.00	-6.65
	137	20	0.14	-0.07	0.00	0.00	0.00	4.02
		21	-0.14	0.29	0.00	0.00	0.00	-4.36
	138	20	0.40	0.12	0.00	0.00	0.00	2.39
		21	-0.40	0.10	0.00	0.00	0.00	-2.36
23	1	21	-0.05	0.24	0.00	0.00	0.00	2.92
		22	0.05	0.14	0.00	0.00	0.00	-2.83
	2	21	-0.42	0.00	0.00	0.00	0.00	3.95
		22	0.42	0.00	0.00	0.00	0.00	-3.95
	3	21	4.30	0.71	0.00	0.00	0.00	-1.51
		22	-4.30	-0.71	0.00	0.00	0.00	2.84
	13	21	2.87	0.45	0.00	0.00	0.00	-0.98
		22	-2.87	-0.45	0.00	0.00	0.00	1.84
	4	21	-0.53	0.00	0.00	0.00	0.00	5.02
		22	0.53	0.00	0.00	0.00	0.00	-5.03
	5	21	6.41	1.05	0.00	0.00	0.00	-2.25
		22	-6.41	-1.05	0.00	0.00	0.00	4.24
	15	21	4.32	0.68	0.00	0.00	0.00	-1.47
		22	-4.32	-0.68	0.00	0.00	0.00	2.77
	10	21	-0.22	0.00	0.00	0.00	0.00	2.06
		22	0.22	0.00	0.00	0.00	0.00	-2.06
	11	21	0.04	0.08	0.00	0.00	0.00	0.06
		22	-0.04	-0.08	—	—	—	0.08

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	18	21	0.12	-1.28	0.00	0.00	0.00	0.45
		22	-0.12	-1.24	0.00	0.00	0.00	-0.48
	19	21	-2.51	0.21	0.00	0.00	0.00	0.62
		22	2.51	0.97	0.00	0.00	0.00	-1.33
	20	21	-5.59	0.17	0.00	0.00	0.00	-3.84
		22	5.59	2.19	0.00	0.00	0.00	1.94
	100	21	-0.05	0.24	0.00	0.00	0.00	2.92
		22	0.05	0.14	0.00	0.00	0.00	-2.83
	101	21	1.39	0.47	0.00	0.00	0.00	2.44
		22	-1.39	-0.09	0.00	0.00	0.00	-1.91
	102	21	1.68	0.59	0.00	0.00	0.00	6.12
		22	-1.68	-0.21	0.00	0.00	0.00	-5.35
	103	21	1.46	0.59	0.00	0.00	0.00	8.18
		22	-1.46	-0.21	0.00	0.00	0.00	-7.42
	104	21	1.72	0.67	0.00	0.00	0.00	6.18
		22	-1.72	-0.29	0.00	0.00	0.00	-5.27
	105	21	-1.05	0.81	0.00	0.00	0.00	8.80
		22	1.05	0.75	0.00	0.00	0.00	-8.75
	106	21	-0.79	0.88	0.00	0.00	0.00	6.80
		22	0.79	0.68	0.00	0.00	0.00	-6.60
	107	21	-4.13	0.77	0.00	0.00	0.00	4.34
		22	4.13	1.97	0.00	0.00	0.00	-5.48
	108	21	-3.86	0.84	0.00	0.00	0.00	2.34
		22	3.86	1.89	0.00	0.00	0.00	-3.33
	111	21	2.11	0.58	0.00	0.00	0.00	2.19
		22	-2.11	-0.20	0.00	0.00	0.00	-1.44
	112	21	2.62	0.77	0.00	0.00	0.00	6.82
		22	-2.62	-0.39	0.00	0.00	0.00	-5.73
	113	21	2.40	0.76	0.00	0.00	0.00	8.89
		22	-2.40	-0.39	0.00	0.00	0.00	-7.80
	114	21	2.67	0.84	0.00	0.00	0.00	6.89
		22	-2.67	-0.46	0.00	0.00	0.00	-5.65
	115	21	-0.04	0.23	0.00	0.00	0.00	9.77
		22	0.04	-0.15	0.00	0.00	0.00	-9.41
	116	21	0.22	0.30	0.00	0.00	0.00	7.77
		22	-0.22	-0.23	0.00	0.00	0.00	-7.27
	117	21	-3.07	-0.34	0.00	0.00	0.00	5.49
		22	3.07	0.56	0.00	0.00	0.00	-6.34
	118	21	-2.80	-0.26	0.00	0.00	0.00	3.49
		22	2.80	0.48	0.00	0.00	0.00	-4.19
	121	21	2.82	0.70	0.00	0.00	0.00	1.95
		22	-2.82	-0.32	0.00	0.00	0.00	-0.99
	122	21	3.83	0.95	0.00	0.00	0.00	5.36
		22	-3.83	-0.57	0.00	0.00	0.00	-3.93
	123	21	3.61	0.95	0.00	0.00	0.00	7.43
		22	-3.61	-0.57	0.00	0.00	0.00	-6.00
	124	21	3.87	1.02	0.00	0.00	0.00	5.43
		22	-3.87	-0.64	0.00	0.00	0.00	-3.85
	125	21	1.10	1.16	0.00	0.00	0.00	8.05
		22	-1.10	0.40	0.00	0.00	0.00	-7.33

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	126	21	1.36	1.24	0.00	0.00	0.00	6.05
		22	-1.36	0.32	0.00	0.00	0.00	-5.18
	127	21	-1.98	1.12	0.00	0.00	0.00	3.58
		22	1.98	1.62	0.00	0.00	0.00	-4.05
	128	21	-1.71	1.20	0.00	0.00	0.00	1.58
		22	1.71	1.54	0.00	0.00	0.00	-1.91
	131	21	4.27	0.93	0.00	0.00	0.00	1.45
		22	-4.27	-0.55	0.00	0.00	0.00	-0.06
	132	21	5.83	1.29	0.00	0.00	0.00	5.70
		22	-5.83	-0.91	0.00	0.00	0.00	-3.61
	133	21	5.61	1.29	0.00	0.00	0.00	7.76
		22	-5.61	-0.91	0.00	0.00	0.00	-5.68
	134	21	2.67	0.84	0.00	0.00	0.00	6.89
		22	-2.67	-0.46	0.00	0.00	0.00	-5.65
	135	21	3.17	0.75	0.00	0.00	0.00	8.65
		22	-3.17	-0.68	0.00	0.00	0.00	-7.29
	136	21	3.43	0.83	0.00	0.00	0.00	6.65
		22	-3.43	-0.76	0.00	0.00	0.00	-5.15
	137	21	0.14	0.19	0.00	0.00	0.00	4.36
		22	-0.14	0.03	0.00	0.00	0.00	-4.22
	138	21	0.40	0.27	0.00	0.00	0.00	2.36
		22	-0.40	-0.05	0.00	0.00	0.00	-2.07
24	1	22	-0.05	0.75	0.00	0.00	0.00	2.83
		23	0.05	-0.37	0.00	0.00	0.00	-1.76
	2	22	-0.42	0.56	0.00	0.00	0.00	3.95
		23	0.42	-0.56	0.00	0.00	0.00	-2.90
	3	22	4.30	0.89	0.00	0.00	0.00	-2.84
		23	-4.30	-0.89	0.00	0.00	0.00	4.52
	13	22	2.87	0.57	0.00	0.00	0.00	-1.84
		23	-2.87	-0.57	0.00	0.00	0.00	2.91
	4	22	-0.53	0.71	0.00	0.00	0.00	5.03
		23	0.53	-0.71	0.00	0.00	0.00	-3.69
	5	22	6.41	1.32	0.00	0.00	0.00	-4.24
		23	-6.41	-1.32	0.00	0.00	0.00	6.74
	15	22	4.32	0.85	0.00	0.00	0.00	-2.77
		23	-4.32	-0.85	0.00	0.00	0.00	4.38
	10	22	-0.22	0.29	0.00	0.00	0.00	2.06
		23	0.22	-0.29	0.00	0.00	0.00	-1.51
	11	22	0.04	0.02	0.00	0.00	0.00	-0.08
		23	-0.04	-0.02	0.00	0.00	0.00	0.11
	18	22	0.12	-1.08	0.00	0.00	0.00	0.48
		23	-0.12	-1.44	0.00	0.00	0.00	-0.14
	19	22	-2.51	0.03	0.00	0.00	0.00	1.33
		23	2.51	1.15	0.00	0.00	0.00	-2.40
	20	22	-5.59	-1.07	0.00	0.00	0.00	-1.94
		23	5.59	3.43	0.00	0.00	0.00	-2.31
	100	22	-0.05	0.75	0.00	0.00	0.00	2.83
		23	0.05	-0.37	0.00	0.00	0.00	-1.76
	101	22	1.39	1.03	0.00	0.00	0.00	1.91
		23	-1.39	-0.66	—	—	—	-0.31

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	102	22	1.68	1.75	0.00	0.00	0.00	5.35
		23	-1.68	-1.37	0.00	0.00	0.00	-2.40
	103	22	1.46	2.04	0.00	0.00	0.00	7.42
		23	-1.46	-1.66	0.00	0.00	0.00	-3.91
	104	22	1.72	1.77	0.00	0.00	0.00	5.27
		23	-1.72	-1.39	0.00	0.00	0.00	-2.29
	105	22	-1.05	2.07	0.00	0.00	0.00	8.75
		23	1.05	-0.51	0.00	0.00	0.00	-6.31
	106	22	-0.79	1.79	0.00	0.00	0.00	6.60
		23	0.79	-0.23	0.00	0.00	0.00	-4.68
	107	22	-4.13	0.97	0.00	0.00	0.00	5.48
		23	4.13	1.77	0.00	0.00	0.00	-6.23
	108	22	-3.86	0.70	0.00	0.00	0.00	3.33
		23	3.86	2.04	0.00	0.00	0.00	-4.60
	111	22	2.11	1.18	0.00	0.00	0.00	1.44
		23	-2.11	-0.80	0.00	0.00	0.00	0.43
	112	22	2.62	2.12	0.00	0.00	0.00	5.73
		23	-2.62	-1.74	0.00	0.00	0.00	-2.08
	113	22	2.40	2.41	0.00	0.00	0.00	7.80
		23	-2.40	-2.03	0.00	0.00	0.00	-3.59
	114	22	2.67	2.14	0.00	0.00	0.00	5.65
		23	-2.67	-1.76	0.00	0.00	0.00	-1.97
	115	22	-0.04	1.80	0.00	0.00	0.00	9.41
		23	0.04	-1.73	0.00	0.00	0.00	-6.07
	116	22	0.22	1.53	0.00	0.00	0.00	7.27
		23	-0.22	-1.45	0.00	0.00	0.00	-4.45
	117	22	-3.07	0.26	0.00	0.00	0.00	6.34
		23	3.07	-0.04	0.00	0.00	0.00	-6.05
	118	22	-2.80	-0.01	0.00	0.00	0.00	4.19
		23	2.80	0.23	0.00	0.00	0.00	-4.42
	121	22	2.82	1.32	0.00	0.00	0.00	0.99
		23	-2.82	-0.94	0.00	0.00	0.00	1.15
	122	22	3.83	2.19	0.00	0.00	0.00	3.93
		23	-3.83	-1.82	0.00	0.00	0.00	-0.14
	123	22	3.61	2.48	0.00	0.00	0.00	6.00
		23	-3.61	-2.11	0.00	0.00	0.00	-1.65
	124	22	3.87	2.21	0.00	0.00	0.00	3.85
		23	-3.87	-1.83	0.00	0.00	0.00	-0.03
	125	22	1.10	2.51	0.00	0.00	0.00	7.33
		23	-1.10	-0.95	0.00	0.00	0.00	-4.05
	126	22	1.36	2.24	0.00	0.00	0.00	5.18
		23	-1.36	-0.68	0.00	0.00	0.00	-2.43
	127	22	-1.98	1.41	0.00	0.00	0.00	4.05
		23	1.98	1.32	0.00	0.00	0.00	-3.97
	128	22	-1.71	1.14	0.00	0.00	0.00	1.91
		23	1.71	1.60	0.00	0.00	0.00	-2.34
	131	22	4.27	1.60	0.00	0.00	0.00	0.06
		23	-4.27	-1.23	0.00	0.00	0.00	2.62
	132	22	5.83	2.78	0.00	0.00	0.00	3.61
		23	-5.83	-2.40	0.00	0.00	0.00	1.29

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	133	22	5.61	3.07	0.00	0.00	0.00	5.68
		23	-5.61	-2.69	0.00	0.00	0.00	-0.23
	134	22	2.67	2.14	0.00	0.00	0.00	5.65
		23	-2.67	-1.76	0.00	0.00	0.00	-1.97
	135	22	3.17	2.46	0.00	0.00	0.00	7.29
		23	-3.17	-2.39	0.00	0.00	0.00	-2.70
	136	22	3.43	2.19	0.00	0.00	0.00	5.15
		23	-3.43	-2.12	0.00	0.00	0.00	-1.08
	137	22	0.14	0.92	0.00	0.00	0.00	4.22
		23	-0.14	-0.70	0.00	0.00	0.00	-2.68
	138	22	0.40	0.65	0.00	0.00	0.00	2.07
		23	-0.40	-0.43	0.00	0.00	0.00	-1.05
25	1	23	-0.05	1.73	0.00	0.00	0.00	1.76
		24	0.05	-1.36	0.00	0.00	0.00	1.16
	2	23	-0.42	1.72	0.00	0.00	0.00	2.90
		24	0.42	-1.72	0.00	0.00	0.00	0.36
	3	23	4.30	0.84	0.00	0.00	0.00	-4.52
		24	-4.30	-0.84	0.00	0.00	0.00	6.11
	13	23	2.87	0.53	0.00	0.00	0.00	-2.91
		24	-2.87	-0.53	0.00	0.00	0.00	3.91
	4	23	-0.53	2.19	0.00	0.00	0.00	3.69
		24	0.53	-2.19	0.00	0.00	0.00	0.46
	5	23	6.41	1.25	0.00	0.00	0.00	-6.74
		24	-6.41	-1.25	0.00	0.00	0.00	9.11
	15	23	4.32	0.80	0.00	0.00	0.00	-4.38
		24	-4.32	-0.80	0.00	0.00	0.00	5.89
	10	23	-0.22	0.90	0.00	0.00	0.00	1.51
		24	0.22	-0.90	0.00	0.00	0.00	0.19
	11	23	0.04	-0.08	0.00	0.00	0.00	-0.11
		24	-0.04	0.08	0.00	0.00	0.00	-0.03
	18	23	0.12	-0.71	0.00	0.00	0.00	0.14
		24	-0.12	-1.80	0.00	0.00	0.00	0.89
	19	23	-2.51	-0.11	0.00	0.00	0.00	2.40
		24	2.51	1.29	0.00	0.00	0.00	-3.72
	20	23	-5.59	-3.01	0.00	0.00	0.00	2.31
		24	5.59	5.37	0.00	0.00	0.00	-10.24
	100	23	-0.05	1.73	0.00	0.00	0.00	1.76
		24	0.05	-1.36	0.00	0.00	0.00	1.16
	101	23	1.39	2.00	0.00	0.00	0.00	0.31
		24	-1.39	-1.62	0.00	0.00	0.00	3.12
	102	23	1.68	3.88	0.00	0.00	0.00	2.40
		24	-1.68	-3.50	0.00	0.00	0.00	4.58
	103	23	1.46	4.78	0.00	0.00	0.00	3.91
		24	-1.46	-4.40	0.00	0.00	0.00	4.77
	104	23	1.72	3.80	0.00	0.00	0.00	2.29
		24	-1.72	-3.42	0.00	0.00	0.00	4.54
	105	23	-1.05	4.67	0.00	0.00	0.00	6.31
		24	1.05	-3.11	0.00	0.00	0.00	1.04
	106	23	-0.79	3.69	0.00	0.00	0.00	4.68
		24	0.79	-2.13	—	—	—	0.82

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	107	23	-4.13	1.77	0.00	0.00	0.00	6.23
		24	4.13	0.97	0.00	0.00	0.00	-5.47
	108	23	-3.86	0.79	0.00	0.00	0.00	4.60
		24	3.86	1.95	0.00	0.00	0.00	-5.69
	111	23	2.11	2.13	0.00	0.00	0.00	-0.43
		24	-2.11	-1.75	0.00	0.00	0.00	4.11
	112	23	2.62	4.55	0.00	0.00	0.00	2.08
		24	-2.62	-4.17	0.00	0.00	0.00	6.18
	113	23	2.40	5.45	0.00	0.00	0.00	3.59
		24	-2.40	-5.08	0.00	0.00	0.00	6.36
	114	23	2.67	4.48	0.00	0.00	0.00	1.97
		24	-2.67	-4.10	0.00	0.00	0.00	6.14
	115	23	-0.04	4.92	0.00	0.00	0.00	6.07
		24	0.04	-4.85	0.00	0.00	0.00	3.17
	116	23	0.22	3.94	0.00	0.00	0.00	4.45
		24	-0.22	-3.87	0.00	0.00	0.00	2.95
	117	23	-3.07	1.73	0.00	0.00	0.00	6.05
		24	3.07	-1.51	0.00	0.00	0.00	-2.98
	118	23	-2.80	0.75	0.00	0.00	0.00	4.42
		24	2.80	-0.53	0.00	0.00	0.00	-3.20
	121	23	2.82	2.26	0.00	0.00	0.00	-1.15
		24	-2.82	-1.88	0.00	0.00	0.00	5.07
	122	23	3.83	4.30	0.00	0.00	0.00	0.14
		24	-3.83	-3.92	0.00	0.00	0.00	7.63
	123	23	3.61	5.20	0.00	0.00	0.00	1.65
		24	-3.61	-4.82	0.00	0.00	0.00	7.82
	124	23	3.87	4.22	0.00	0.00	0.00	0.03
		24	-3.87	-3.84	0.00	0.00	0.00	7.60
	125	23	1.10	5.09	0.00	0.00	0.00	4.05
		24	-1.10	-3.53	0.00	0.00	0.00	4.10
	126	23	1.36	4.11	0.00	0.00	0.00	2.43
		24	-1.36	-2.55	0.00	0.00	0.00	3.87
	127	23	-1.98	2.19	0.00	0.00	0.00	3.97
		24	1.98	0.55	0.00	0.00	0.00	-2.42
	128	23	-1.71	1.21	0.00	0.00	0.00	2.34
		24	1.71	1.53	0.00	0.00	0.00	-2.64
	131	23	4.27	2.53	0.00	0.00	0.00	-2.62
		24	-4.27	-2.15	0.00	0.00	0.00	7.05
	132	23	5.83	5.18	0.00	0.00	0.00	-1.29
		24	-5.83	-4.80	0.00	0.00	0.00	10.73
	133	23	5.61	6.08	0.00	0.00	0.00	0.23
		24	-5.61	-5.70	0.00	0.00	0.00	10.92
	134	23	2.67	4.48	0.00	0.00	0.00	1.97
		24	-2.67	-4.10	0.00	0.00	0.00	6.14
	135	23	3.17	5.55	0.00	0.00	0.00	2.70
		24	-3.17	-5.47	0.00	0.00	0.00	7.72
	136	23	3.43	4.57	0.00	0.00	0.00	1.08
		24	-3.43	-4.50	0.00	0.00	0.00	7.50
	137	23	0.14	2.36	0.00	0.00	0.00	2.68
		24	-0.14	-2.14	0.00	0.00	0.00	1.58

MEMBER END FORCES STRUCTURE TYPE = PLANE

ALL UNITS ARE -- KIP FEET

MEMB	LOAD	JT	AXIAL	SHEAR-Y	SHEAR-Z	TORSION	MOM-Y	MOM-Z
	138	23	0.40	1.38	0.00	0.00	0.00	1.05
		24	-0.40	-1.16	0.00	0.00	0.00	1.35

********** END OF LATEST ANALYSIS RESULT **********

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167.    *==================================================================
168.    LOAD LIST 100 TO 118
169.    *==================================================================
170.    PRINT FORCE ENV NSECTION 38 LIST 1
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MEMBER FORCE ENVELOPE

ALL UNITS ARE KIP FEET

MEMB	DISTANCE		FY	LD	MZ	LD	FZ	LD	MY	LD
1	0.00	MAX.	8.25	114	14.52	114	0.00	118	0.00	118
		MIN.	1.46	100	-1.68	107	0.00	118	0.00	118
	0.79	MAX.	7.48	114	8.32	114	0.00	118	0.00	118
		MIN.	1.31	100	-2.80	107	0.00	118	0.00	118
	1.58	MAX.	6.71	114	2.72	114	0.00	118	0.00	118
		MIN.	1.15	107	-3.79	107	0.00	118	0.00	118
	2.36	MAX.	5.94	114	0.29	111	0.00	118	0.00	118
		MIN.	0.97	107	-4.68	117	0.00	118	0.00	118
	3.15	MAX.	5.17	114	-0.58	111	0.00	118	0.00	118
		MIN.	0.79	107	-8.18	116	0.00	118	0.00	118
	3.94	MAX.	4.40	114	-1.32	111	0.00	118	0.00	118
		MIN.	0.60	107	-11.82	116	0.00	118	0.00	118
	4.73	MAX.	3.63	114	-1.95	111	0.00	118	0.00	118
		MIN.	0.42	107	-14.85	116	0.00	118	0.00	118
	5.52	MAX.	2.86	114	-2.46	111	0.00	118	0.00	118
		MIN.	0.23	107	-17.28	116	0.00	118	0.00	118
	6.31	MAX.	2.09	114	-2.86	111	0.00	118	0.00	118
		MIN.	0.05	107	-19.09	116	0.00	118	0.00	118
	7.09	MAX.	1.32	114	-3.13	111	0.00	118	0.00	118
		MIN.	-0.13	107	-20.30	116	0.00	118	0.00	118
	7.88	MAX.	0.55	114	-3.30	111	0.00	118	0.00	118
		MIN.	-0.32	107	-20.91	116	0.00	118	0.00	118
	8.67	MAX.	-0.02	111	-3.34	111	0.00	118	0.00	118
		MIN.	-0.59	115	-20.90	116	0.00	118	0.00	118
	9.46	MAX.	-0.16	111	-3.27	111	0.00	118	0.00	118
		MIN.	-1.36	115	-20.29	116	0.00	118	0.00	118
	10.25	MAX.	-0.31	111	-3.08	111	0.00	118	0.00	118
		MIN.	-2.13	115	-19.07	116	0.00	118	0.00	118
	11.03	MAX.	-0.46	111	-2.78	111	0.00	118	0.00	118
		MIN.	-2.90	115	-17.25	116	0.00	118	0.00	118
	11.82	MAX.	-0.61	111	-2.36	111	0.00	118	0.00	118
		MIN.	-3.67	115	-14.81	116	0.00	118	0.00	118
	12.61	MAX.	-0.75	111	-1.77	100	0.00	118	0.00	118
		MIN.	-4.44	115	-11.85	114	0.00	118	0.00	118
	13.40	MAX.	-0.90	111	-1.00	100	0.00	118	0.00	118
		MIN.	-5.21	115	-8.34	114	0.00	118	0.00	118
	14.19	MAX.	-1.05	111	0.23	107	0.00	118	0.00	118
		MIN.	-5.99	115	-4.22	114	0.00	118	0.00	118
	14.98	MAX.	-1.20	111	3.49	115	0.00	118	0.00	118
		MIN.	-6.76	115	-0.78	108	0.00	118	0.00	118
	15.76	MAX.	-1.35	111	9.12	115	0.00	118	0.00	118
		MIN.	-7.53	115	0.69	108	0.00	118	0.00	118
	16.55	MAX.	-1.49	111	15.35	115	0.00	118	0.00	118
		MIN.	-8.30	115	2.31	108	0.00	118	0.00	118
	17.34	MAX.	-1.64	111	22.20	115	0.00	118	0.00	118
		MIN.	-9.07	115	3.84	111	0.00	118	0.00	118
	18.13	MAX.	-1.79	111	29.65	115	0.00	118	0.00	118

+M TOP SLAB

	MIN.	-9.84	115	5.19	111	0.00	118	0.00 118
18.92	MAX.	-1.94	111	37.70	115	0.00	118	0.00 118
	MIN.	-10.61	115	6.66	111	0.00	118	0.00 118

MAX/MIN FORCE VALUES FOR MEMB 1,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	8.25	0.00	114	37.70	18.92	115			
	0.00	0.00	100	0.00	0.00	100	2.86 C	0.00	114
MIN.	-10.61	18.92	115	-20.91	7.88	116			
	0.00	18.92	118	0.00	18.92	118	2.93 T	18.92	107

********** END OF FORCE ENVELOPE FROM INTERNAL STORAGE **********

171. PRINT FORCE ENV NSECTION 38 LIST 2

MEMBER FORCE ENVELOPE

ALL UNITS ARE KIP FEET

MEMB	DISTANCE		FY	LD	MZ	LD	FZ	LD	MY	LD
2	0.00	MAX.	10.61	115	37.70	115	0.00	118	0.00	118
		MIN.	0.59	108	5.71	108	0.00	118	0.00	118
	0.79	MAX.	9.84	115	29.65	115	0.00	118	0.00	118
		MIN.	0.59	108	5.19	111	0.00	118	0.00	118
	1.58	MAX.	9.07	115	22.20	115	0.00	118	0.00	118
		MIN.	0.59	108	3.84	111	0.00	118	0.00	118
	2.36	MAX.	8.30	115	15.35	115	0.00	118	0.00	118
		MIN.	0.58	108	2.61	111	0.00	118	0.00	118
	3.15	MAX.	7.53	115	9.63	116	0.00	118	0.00	118
		MIN.	0.58	108	1.49	111	0.00	118	0.00	118
	3.94	MAX.	6.76	115	5.17	116	0.00	118	0.00	118
		MIN.	0.58	108	0.49	111	0.00	118	0.00	118
	4.73	MAX.	5.99	115	2.95	108	0.00	118	0.00	118
		MIN.	0.58	108	-1.88	113	0.00	118	0.00	118
	5.52	MAX.	5.21	115	2.50	108	0.00	118	0.00	118
		MIN.	0.57	108	-6.16	113	0.00	118	0.00	118
	6.31	MAX.	4.44	115	2.05	108	0.00	118	0.00	118
		MIN.	0.57	108	-9.83	113	0.00	118	0.00	118
	7.09	MAX.	3.67	115	1.60	108	0.00	118	0.00	118
		MIN.	0.57	108	-12.95	115	0.00	118	0.00	118
	7.88	MAX.	2.90	115	1.15	108	0.00	118	0.00	118
		MIN.	0.46	111	-15.54	115	0.00	118	0.00	118
	8.67	MAX.	2.13	115	0.71	108	0.00	118	0.00	118
		MIN.	0.31	111	-17.53	115	0.00	118	0.00	118
	9.46	MAX.	1.36	115	0.27	108	0.00	118	0.00	118
		MIN.	0.16	111	-18.91	115	0.00	118	0.00	118
	10.25	MAX.	0.65	116	-0.17	108	0.00	118	0.00	118
		MIN.	0.02	111	-19.68	115	0.00	118	0.00	118
	11.03	MAX.	0.55	108	-0.61	108	0.00	118	0.00	118
		MIN.	-0.35	113	-19.84	115	0.00	118	0.00	118
	11.82	MAX.	0.55	108	-1.04	108	0.00	118	0.00	118
		MIN.	-1.12	113	-19.39	115	0.00	118	0.00	118
	12.61	MAX.	0.55	108	-1.48	108	0.00	118	0.00	118
		MIN.	-1.89	113	-18.34	115	0.00	118	0.00	118
	13.40	MAX.	0.54	108	-1.91	108	0.00	118	0.00	118
		MIN.	-2.66	113	-16.68	115	0.00	118	0.00	118
	14.19	MAX.	0.54	108	-1.95	111	0.00	118	0.00	118
		MIN.	-3.43	113	-14.42	115	0.00	118	0.00	118
	14.98	MAX.	0.54	108	-1.32	111	0.00	118	0.00	118
		MIN.	-4.20	113	-11.54	115	0.00	118	0.00	118
	15.76	MAX.	0.54	108	-0.58	111	0.00	118	0.00	118
		MIN.	-4.97	113	-8.06	115	0.00	118	0.00	118
	16.55	MAX.	0.53	108	0.29	111	0.00	118	0.00	118
		MIN.	-5.74	113	-4.68	117	0.00	118	0.00	118
	17.34	MAX.	0.53	108	2.52	113	0.00	118	0.00	118
		MIN.	-6.51	113	-4.03	108	0.00	118	0.00	118
	18.13	MAX.	0.53	108	7.96	113	0.00	118	0.00	118

	MIN.	-7.28	113	-4.45	108	0.00	118	0.00 118
18.92	MAX.	0.53	108	14.00	113	0.00	118	0.00 118
	MIN.	-8.05	113	-4.86	108	0.00	118	0.00 118

MAX/MIN FORCE VALUES FOR MEMB 2,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	10.61	0.00	115	37.70	0.00	115			
	0.00	0.00	100	0.00	0.00	100	2.81 C	0.00	113
MIN.	-8.05	18.92	113	-19.84	11.03	115			
	0.00	18.92	118	0.00	18.92	118	3.19 T	18.92	108

********** END OF FORCE ENVELOPE FROM INTERNAL STORAGE **********

172. PRINT FORCE ENV NSECTION 4 LIST 6 9 10 11 12 15

MEMBER FORCE ENVELOPE

ALL UNITS ARE KIP FEET

MEMB	DISTANCE		FY	LD	MZ	LD	FZ	LD	MY	LD
6	0.00	MAX.	0.97	107	5.47	107	0.00	118	0.00	118
		MIN.	-5.15	114	-6.40	114	0.00	118	0.00	118
	0.47	MAX.	0.28	107	5.18	108	0.00	118	0.00	118
		MIN.	-5.25	114	-4.18	112	0.00	118	0.00	118
	0.95	MAX.	-0.40	107	5.24	108	0.00	118	0.00	118
		MIN.	-5.34	114	-2.36	111	0.00	118	0.00	118
	1.42	MAX.	-1.09	107	5.63	108	0.00	118	0.00	118
		MIN.	-5.44	114	-1.41	111	0.00	118	0.00	118
	1.89	MAX.	-1.73	117	6.43	106	0.00	118	0.00	118
		MIN.	-5.53	114	-0.43	111	0.00	118	0.00	118

MAX/MIN FORCE VALUES FOR MEMB 6,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST DIST	LD LD	MZ/ MY	DIST DIST	LD LD	FX	DIST	LD
MAX.	0.97	0.00	107	6.43	1.89	106			
	0.00	0.00	100	0.00	0.00	100	2.62 C	0.00	112
MIN.	-5.53	1.89	114	-6.40	0.00	114			
	0.00	1.89	118	0.00	1.89	118	4.17 T	1.89	108

9	0.00	MAX.	1.98	108	9.77	115	0.00	118	0.00	118
		MIN.	-0.10	111	2.19	111	0.00	118	0.00	118
	0.47	MAX.	1.29	108	9.59	115	0.00	118	0.00	118
		MIN.	0.00	111	2.16	111	0.00	118	0.00	118
	0.95	MAX.	0.64	118	9.42	115	0.00	118	0.00	118
		MIN.	-0.09	111	2.18	111	0.00	118	0.00	118
	1.42	MAX.	0.58	118	9.26	115	0.00	118	0.00	118
		MIN.	-0.19	107	2.25	111	0.00	118	0.00	118
	1.89	MAX.	0.53	118	9.10	115	0.00	118	0.00	118
		MIN.	-0.87	107	2.36	111	0.00	118	0.00	118

+M BOT SLAB

MAX/MIN FORCE VALUES FOR MEMB 9,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST DIST	LD LD	MZ/ MY	DIST DIST	LD LD	FX	DIST	LD
MAX.	1.98	0.00	108	9.77	0.00	115			
	0.00	0.00	100	0.00	0.00	100	2.62 C	0.00	112
MIN.	-0.87	1.89	107	2.16	0.47	111			
	0.00	1.89	118	0.00	1.89	118	4.17 T	1.89	108

10	0.00	MAX.	1.78	108	9.10	115	0.00	118	0.00	118
		MIN.	0.23	111	2.36	111	0.00	118	0.00	118
	0.47	MAX.	1.10	108	8.90	115	0.00	118	0.00	118
		MIN.	0.13	111	2.27	111	0.00	118	0.00	118
	0.95	MAX.	0.51	118	8.71	115	0.00	118	0.00	118
		MIN.	0.04	111	2.09	108	0.00	118	0.00	118
	1.42	MAX.	0.49	116	8.52	115	0.00	118	0.00	118
		MIN.	-0.38	107	2.06	108	0.00	118	0.00	118
	1.89	MAX.	0.47	116	8.35	115	0.00	118	0.00	118
		MIN.	-1.06	107	2.28	111	0.00	118	0.00	118

MAX/MIN FORCE VALUES FOR MEMB 10,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	1.78	0.00	108	9.10	0.00	115			
	0.00	0.00	100	0.00	0.00	100	2.62 C	0.00	112
MIN.	-1.06	1.89	107	2.06	1.42	108			
	0.00	1.89	118	0.00	1.89	118	4.17 T	1.89	108

11	0.00	MAX.	1.62	108	8.35	115	0.00	118	0.00	118
		MIN.	0.31	111	2.28	111	0.00	118	0.00	118
	0.47	MAX.	0.94	108	8.11	115	0.00	118	0.00	118
		MIN.	0.22	111	1.74	108	0.00	118	0.00	118
	0.95	MAX.	0.53	116	7.88	115	0.00	118	0.00	118
		MIN.	0.12	111	1.46	108	0.00	118	0.00	118
	1.42	MAX.	0.51	116	7.66	115	0.00	118	0.00	118
		MIN.	-0.49	107	1.50	108	0.00	118	0.00	118
	1.89	MAX.	0.50	116	7.50	113	0.00	118	0.00	118
		MIN.	-1.17	107	1.87	108	0.00	118	0.00	118

MAX/MIN FORCE VALUES FOR MEMB 11,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	1.62	0.00	108	8.35	0.00	115			
	0.00	0.00	100	0.00	0.00	100	2.62 C	0.00	112
MIN.	-1.17	1.89	107	1.46	0.95	108			
	0.00	1.89	118	0.00	1.89	118	4.17 T	1.89	108

12	0.00	MAX.	1.68	107	7.50	113	0.00	118	0.00	118
		MIN.	0.47	111	1.87	108	0.00	118	0.00	118
	0.47	MAX.	1.29	105	6.95	113	0.00	118	0.00	118
		MIN.	0.38	111	1.27	108	0.00	118	0.00	118
	0.95	MAX.	1.05	115	6.45	113	0.00	118	0.00	118
		MIN.	0.24	108	0.99	108	0.00	118	0.00	118
	1.42	MAX.	1.03	115	5.99	113	0.00	118	0.00	118
		MIN.	-0.44	108	1.04	108	0.00	118	0.00	118
	1.89	MAX	1.01	115	5.58	113	—	—	—	—

MIN.	-1.12 108	1.41 108	0.00 118	0.00 118

MAX/MIN FORCE VALUES FOR MEMB 12,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST LD DIST LD	MZ/ MY	DIST LD DIST LD	FX	DIST LD
MAX.	1.68	0.00 107	7.50	0.00 113		
	0.00	0.00 100	0.00	0.00 100	2.62 C	0.00 112
MIN.	-1.12	1.89 108	0.99	0.95 108		
	0.00	1.89 118	0.00	1.89 118	4.17 T	1.89 108

15	0.00	MAX.	9.14 113	-1.31 108	0.00 118	0.00 118
		MIN.	2.32 111	-9.22 115	0.00 118	0.00 118
	0.47	MAX.	9.10 115	-2.63 108	0.00 118	0.00 118
		MIN.	2.23 111	-13.53 115	0.00 118	0.00 118
	0.95	MAX.	9.09 115	-3.62 108	0.00 118	0.00 118
		MIN.	1.76 108	-17.83 115	0.00 118	0.00 118
	1.42	MAX.	9.07 115	-4.29 108	0.00 118	0.00 118
		MIN.	1.07 108	-22.12 115	0.00 118	0.00 118
	1.89	MAX.	9.05 115	-4.63 108	0.00 118	0.00 118
		MIN.	0.39 108	-26.41 115	0.00 118	0.00 118

MAX/MIN FORCE VALUES FOR MEMB 15,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST LD DIST LD	MZ/ MY	DIST LD DIST LD	FX	DIST LD
MAX.	9.14	0.00 113	-1.31	0.00 108		
	0.00	0.00 100	0.00	0.00 100	2.62 C	0.00 112
MIN.	0.39	1.89 108	-26.41	1.89 115		
	0.00	1.89 118	0.00	1.89 118	4.17 T	1.89 108

********** END OF FORCE ENVELOPE FROM INTERNAL STORAGE **********

173. PRINT FORCE ENV NSECTION 4 LIST 16 19 20 21 22 25

MEMBER FORCE ENVELOPE

ALL UNITS ARE KIP FEET

MEMB	DISTANCE		FY	LD	MZ	LD	FZ	LD	MY	LD
16	0.00	MAX.	-0.62	108	-5.77	108	0.00	118	0.00	118
		MIN.	-9.05	115	-26.41	115	0.00	118	0.00	118
	0.47	MAX.	-1.31	108	-5.12	111	0.00	118	0.00	118
		MIN.	-9.07	115	-22.12	115	0.00	118	0.00	118
	0.95	MAX.	-1.99	108	-4.13	111	0.00	118	0.00	118
		MIN.	-9.09	115	-17.83	115	0.00	118	0.00	118
	1.42	MAX.	-2.23	111	-3.10	111	0.00	118	0.00	118
		MIN.	-9.10	115	-13.53	115	0.00	118	0.00	118
	1.89	MAX.	-2.32	111	-1.99	108	0.00	118	0.00	118
		MIN.	-9.14	113	-9.22	115	0.00	118	0.00	118

MAX/MIN FORCE VALUES FOR MEMB 16,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	-0.62	0.00	108	-1.99	1.89	108			
	0.00	0.00	100	0.00	0.00	100	2.67 C	0.00	114
MIN.	-9.14	1.89	113	-26.41	0.00	115			
	0.00	1.89	118	0.00	1.89	118	4.13 T	1.89	107

19	0.00	MAX.	1.20	108	5.58	113	0.00	118	0.00	118
		MIN.	-1.01	115	1.12	108	0.00	118	0.00	118
	0.47	MAX.	0.52	108	5.99	113	0.00	118	0.00	118
		MIN.	-1.03	115	0.72	108	0.00	118	0.00	118
	0.95	MAX.	-0.17	108	6.45	113	0.00	118	0.00	118
		MIN.	-1.05	115	0.63	108	0.00	118	0.00	118
	1.42	MAX.	-0.38	111	6.95	113	0.00	118	0.00	118
		MIN.	-1.29	105	0.87	108	0.00	118	0.00	118
	1.89	MAX.	-0.45	118	7.50	113	0.00	118	0.00	118
		MIN.	-1.68	107	1.44	108	0.00	118	0.00	118

MAX/MIN FORCE VALUES FOR MEMB 19,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	1.20	0.00	108	7.50	1.89	113			
	0.00	0.00	100	0.00	0.00	100	2.67 C	0.00	114
MIN.	-1.68	1.89	107	0.63	0.95	108			
	0.00	1.89	118	0.00	1.89	118	4.13 T	1.89	107

20	0.00	MAX.	1.32 108	7.50 113	0.00 118	0.00 118
		MIN.	-0.44 115	1.44 108	0.00 118	0.00 118
	0.47	MAX.	0.63 108	7.66 115	0.00 118	0.00 118
		MIN.	-0.46 115	0.98 108	0.00 118	0.00 118
	0.95	MAX.	-0.05 108	7.88 115	0.00 118	0.00 118
		MIN.	-0.48 115	0.84 108	0.00 118	0.00 118
	1.42	MAX.	-0.22 111	8.11 115	0.00 118	0.00 118
		MIN.	-0.88 107	1.02 108	0.00 118	0.00 118
	1.89	MAX.	-0.28 118	8.35 115	0.00 118	0.00 118
		MIN.	-1.57 107	1.54 108	0.00 118	0.00 118

MAX/MIN FORCE VALUES FOR MEMB 20,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST LD	MZ/ MY	DIST LD	FX	DIST LD
MAX.	1.32	0.00 108	8.35	1.89 115		
	0.00	0.00 100	0.00	0.00 100	2.67 C	0.00 114
MIN.	-1.57	1.89 107	0.84	0.95 108		
	0.00	1.89 118	0.00	1.89 118	4.13 T	1.89 107

21	0.00	MAX.	1.25 108	8.35 115	0.00 118	0.00 118
		MIN.	-0.36 115	1.54 108	0.00 118	0.00 118
	0.47	MAX.	0.57 108	8.52 115	0.00 118	0.00 118
		MIN.	-0.38 115	1.11 108	0.00 118	0.00 118
	0.95	MAX.	-0.04 111	8.71 115	0.00 118	0.00 118
		MIN.	-0.40 117	1.00 108	0.00 118	0.00 118
	1.42	MAX.	-0.13 111	8.90 115	0.00 118	0.00 118
		MIN.	-0.99 107	1.22 108	0.00 118	0.00 118
	1.89	MAX.	-0.23 111	9.10 115	0.00 118	0.00 118
		MIN.	-1.67 107	1.76 108	0.00 118	0.00 118

MAX/MIN FORCE VALUES FOR MEMB 21,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST LD	MZ/ MY	DIST LD	FX	DIST LD
MAX.	1.25	0.00 108	9.10	1.89 115		
	0.00	0.00 100	0.00	0.00 100	2.67 C	0.00 114
MIN.	-1.67	1.89 107	1.00	0.95 108		
	0.00	1.89 118	0.00	1.89 118	4.13 T	1.89 107

22	0.00	MAX.	1.07 108	9.10 115	0.00 118	0.00 118
		MIN.	-0.42 117	1.76 108	0.00 118	0.00 118
	0.47	MAX.	0.38 108	9.26 115	0.00 118	0.00 118
		MIN.	-0.48 117	1.42 108	0.00 118	0.00 118
	0.95	MAX.	0.11 114	9.42 115	0.00 118	0.00 118
		MIN.	-0.53 117	1.40 108	0.00 118	0.00 118
	1.42	MAX.	0.02 114	9.59 115	0.00 118	0.00 118
		MIN.	-1.18 107	1.71 108	0.00 118	0.00 118
	1.89	MAX.	0.00 114	9.77 115		

		MIN.	-1.87	107	2.19	111	0.00	118	0.00 118

MAX/MIN FORCE VALUES FOR MEMB 22,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	1.07	0.00	108	9.77	1.89	115			
	0.00	0.00	100	0.00	0.00	100	2.67 C	0.00	114
MIN.	-1.87	1.89	107	1.40	0.95	108			
	0.00	1.89	118	0.00	1.89	118	4.13 T	1.89	107

25	0.00	MAX.	5.45	113	6.31	105	0.00	118	0.00	118
		MIN.	0.75	118	-0.43	111	0.00	118	0.00	118
	0.47	MAX.	5.36	113	5.55	107	0.00	118	0.00	118
		MIN.	0.11	108	-1.41	111	0.00	118	0.00	118
	0.95	MAX.	5.26	113	5.20	107	0.00	118	0.00	118
		MIN.	-0.58	108	-2.36	111	0.00	118	0.00	118
	1.42	MAX.	5.17	113	5.17	107	0.00	118	0.00	118
		MIN.	-1.26	108	-4.18	114	0.00	118	0.00	118
	1.89	MAX.	5.08	113	5.69	108	0.00	118	0.00	118
		MIN.	-1.95	108	-6.36	113	0.00	118	0.00	118

MAX/MIN FORCE VALUES FOR MEMB 25,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	5.45	0.00	113	6.31	0.00	105			
	0.00	0.00	100	0.00	0.00	100	2.67 C	0.00	114
MIN.	-1.95	1.89	108	-6.36	1.89	113			
	0.00	1.89	118	0.00	1.89	118	4.13 T	1.89	107

********** END OF FORCE ENVELOPE FROM INTERNAL STORAGE **********

174. MSDR ENVELOPE FY MZ LIST 1

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|                                                                                |
|                                                                                |
|      8.5                                                                       |
|L116+ 7.88                                                                      |
|L115+ 7.1                                                                       |
|L106+ 6.21  6.20                                                                |
|L112+ ... + 5.59                                                                |
|    | 5.16+ 5.38                                                                |
|L102+   . + 4.79  4.36                                                          |
|    |  .  + 3.97+ 3.76                                                          |
|    |     +  .. + 3.62                                                          |
|    | 2.52|  .  + 2.79  2.51                                                    |
|L118+     | 2.5 +  .. + 2.14                                                    |
|    | 1.46+ 1.28| 1.38+ 1.60                                                     |
|L111+-----+ 1.10+.750 +.716  .720                                               |
|    |     +-----+.638 +.396 + 409E-4                                            |
|    |     |     +-----+-----+.245  .314  .518                                   |
|    +=====+=====+=====+=====+=====+.622=+=====+=====+=====+=====+                |
|                                . +-1.25+ 1.49+ 1.57| 1.38| 1.73|               |
|                                 +...  + 1.96+ 2.16+-2.1-+ 2.25| 2.9           |
|                                   ... + 2.73+     + 2.83+ 2.45+ 2.90           |
|                                     . + 3.4 | 3.15+     + 3.50+               |
|                                      + ... + 4.15|     +     | 4.17           |
|                                        . . + 4.35| 4.34|     +                |
|                                         . + 4.89+ 5.10|     |                |
|                                          + ... + 5.97| 5.52|                |
|                                            . . + 6.11+ 6.52|                |
|                                              . + 6.74+  .  | 6.71           |
|                                               + ... | 7.59+                 |
|                                                 . . + 8.39| 7.93             |
|                                                  . + 8.59+ 9.1               |
|                                                   + . . + 9.21               |
|                                                     . . + 10.2               |
|                                                       . + 10.4               |
|                                                         +                    |
|                                                   -                          |
|                                                                              |
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FY S H E A R F O R C E E N V E L O P E

MEMBER 1. ALL UNITS ARE - KIP FEET

LENGTH= 18.9 MAX(ABSOLUTE)= 10.6 AT 18.9 FROM START.FOR LOAD 115.

UPPER ENVELOPE FY VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

8.25	6.41	4.56	2.71	0.86	-0.16
-0.52	-0.87	-1.23	-1.58	-1.94	

CORRESPONDING LOAD NUMBERS

114.	114.	114.	114.	114.	111.
111.	111.	111.	111.	111.	

LOWER ENVELOPE FY VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

1.46	1.08	0.64	0.20	-0.25	-1.36
-3.21	-5.06	-6.91	-8.76	-10.61	

CORRESPONDING LOAD NUMBERS

100.	107.	107.	107.	107.	115.
115.	115.	115.	115.	115.	

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|                                                                                |
|                                                                                |
|                                                                   37.7         |
|                                                                 + 36.6         |
|                                                                 + 33.3         |
|                                                                /+ 32.5         |
|                                                               ./+ 30.0         |
|                                                               //+ 29.2         |
|                                                              ///+              |
|                                                              ///|              |
|                                                             /// | 23.6        |
|                                                            //// +             |
|                                                            /18.6|              |
|                                                           +/16.6|              |
|      14.5                                                /+/14.3| 15.9        |
|L114+ 14.0                                                /+/13.7+ 12.6        |
|L116+\11.6                                               //+/12.0+ 11.3         |
|L115+\8.92                                              ///+ 8.62+             |
|L106+\\                                                ////+  .. | 7.66        |
|    |\\\                                               ///.| 6.26+             |
|    | 2.95                                             /3.74+ 4.5 |             |
|L111+ 1.73                                            +/1.11+     |             |
|L100+.291\ .700                                      /+.821 |     |             |
|L118+=====+=====+=====+=====+=====+=====+=====+=====+=====+=====+                |
|L108+  .  +.4.14+-----+ 3.54| 3.95| 3.69+-3.91+ 4.41                          |
|          +.\.. | 6.12+ 6.55+-6.51+ 5.63+ 5.68+/6.2                             |
|            \.\ + 6.80+ 7.18+ 7.51+ 7.1 + 7.31+/8.17                            |
|              .\+-8.79+-10.3+ 8.66+ 9.12+ 9.24+/9.9                             |
|               \+ 10.9+-11.9+-12.2+ 11.8+ 11.0+                                 |
|                +..  +     +-----+ 13.9+ 12.7                                   |
|                  ... | 14.4| 14.2+     + 14.5                                 |
|                    . + 16.6+ 16.9| 16.3+ 16.2                                 |
|                     +  .  + 18.6+ 18.2+                                        |
|                        .  +-20.0+ 19.8                                         |
|                           +-----+                                              |
|                                                                                |
|                                                                                |
|                                                                                |
|                                                                                |
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MZ B E N D I N G M O M E N T E N V E L O P E

MEMBER 1. ALL UNITS ARE - KIP FEET

LENGTH= 18.9 MAX(ABSOLUTE)= 37.7 AT 18.9 FROM START.FOR LOAD 115.

UPPER ENVELOPE MZ VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

14.52	0.93	-1.18	-2.55	-3.25	-3.27
-2.63	-1.16	4.57	19.39	37.70	

CORRESPONDING LOAD NUMBERS

114.	112.	111.	111.	111.	111.
111.	100.	115.	115.	115.	

LOWER ENVELOPE MZ VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

-1.68	-4.14	-11.14	-17.69	-20.74	-20.29
-16.35	-9.09	-0.50	3.33	6.66	

CORRESPONDING LOAD NUMBERS

107.	107.	116.	116.	116.	116.
116.	114.	108.	111.	111.	

175. MSDR ENVELOPE FY MZ LIST 2

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 ______________________________________________________________________________
|                                                                              |
|                                                                              |
|      10.4                                                                    |
|L115+                                                                         |
|    | 9.21                                                                    |
|L105+   .   8.59                                                              |
|    | 7.93+                                                                   |
|L116+   . | 7.59                                                              |
|    | 6.71+ 6.72  6.74                                                        |
|L106+   . + 6.52+ 6.11                                                        |
|    |  .  + 5.52+ 5.97                                                        |
|    |      +  .. + 5.10  4.89                                                 |
|    |      |  .  + 4.34+ 4.35                                                 |
|    | 4.17|      +  .  +.3.69                                                 |
|L117+      | 3.50|  .  + 3.15  3.21                                           |
|    | 2.90+      | 2.83+ ... + 2.73                                           |
|L107+ 2.9 | 2.45+ 2.1 | 2.16+ 1.96                                            |
|L111+ 1.86+-1.73+ 1.38+ 1.57+ 1.49  1.36                                      |
|L118+-----+-----+ 1.23+ 1.2 + 1.13+.774                                       |
|    |.592 |.585 +.579-+.572-+.668-+.314  .245  .546  .539  .532  .526         |
|L108+-----+-----+-----+-----+-----+--.--+-409E+4----+ 560E-5----+.473         |
|    +=====+=====+=====+=====+=====+=====+=====+=====+=====+=====+             |
|                                          +...  +-1.60+ 1.18+ 1.20| 1.46      |
|                                            ... + 2.14+     + 1.85+           |
|                                              . + 2.51| 2.79+     | 2.52      |
|                                                + ... + 3.38|     +           |
|                                                  . . + 3.76| 3.97|           |
|                                                    . + 4.36+ 4.59|           |
|                                                      + ... + 5.24| 5.16      |
|                                                        . . + 5.38+ 5.84      |
|                                                          . + 6.20+ 6.21      |
|                                                            +  .. + 7.1       |
|                                                              .   +           |
|                                                                . | 8.5       |
|                                                                  +           |
|                                                                              |
|                                                                              |
|______________________________________________________________________________|
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FY SHEAR FORCE ENVELOPE

MEMBER 2. ALL UNITS ARE - KIP FEET

LENGTH= 18.9 MAX(ABSOLUTE)= 10.6 AT 0.0 FROM START.FOR LOAD 115.

UPPER ENVELOPE FY VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

10.61	8.76	6.91	5.06	3.21	1.36
0.55	0.55	0.54	0.53	0.53	

CORRESPONDING LOAD NUMBERS

115.	115.	115.	115.	115.	115.
108.	108.	108.	108.	108.	

LOWER ENVELOPE FY VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

0.59	0.59	0.58	0.57	0.52	0.16
-0.66	-2.51	-4.36	-6.20	-8.05	

CORRESPONDING LOAD NUMBERS

108.	108.	108.	108.	111.	111.
113.	113.	113.	113.	113.	

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|                                                                                                |
|                                                                                                |
|      37.7                                                                                      |
|L115+ 36.6                                                                                      |
|L113+ 33.3                                                                                      |
|L105+.32.5                                                                                      |
|L116+ 30.9                                                                                      |
|L114+\27.7                                                                                      |
|L112+\26.9                                                                                      |
|L104+\\\                                                                                        |
|    |\23.6                                                                                      |
|L102+ \\\.                                                                                      |
|    |\ \\\  18.6                                                                                |
|    | \ \\+ 16.6                                                                                 |
|    | 15.9+\14.9                                                                                 |
|L117+   \\+\14.0                                                                    14.0        |
|    |.11.3+\12.0                                                                  + 11.6        |
|L107+ 10.3+\\\                                                                   /+ 9.78        |
|L118+ 7.66| 8.62                                                                 //+ 8.92        |
|L100+ 7.0 + 6.26  5.54                                                           //+ 6.59        |
|L111+  .  + 4.5\+ 3.74                                                          //.+ 3.57        |
|    |  .  + 3.33+\2.67  2.41                                                    /./.+ 1.73        |
|    |     +  .  +\1.11+       1.33 .267                                       .334 +.291         |
|   +=====+=====+=====+=====+.305=+ 1.84+=====+=====+=====+=====+ 1.68                            |
|                  ..\+ 2.26+-2.76+ 3.69+-3.95+ 3.54+ 2.46+ 3.86+ 2.89                           |
|                   . + 4.41+ 5.54+-5.63+-----+-----+-5.76+-4.14+ 4.86                            |
|                    \+ 6.2 + 7.47+     | 6.51| 6.55+-6.12+     +                              |
|                     + ... + 9.24| 7.73+ 8.66+ 8.32+/8.79                                        |
|                      .. . + 11.0+-10.4+-11.2+ 10.3+/10.1                                       |
|                        .. + 12.7+-11.8+-12.2+ 11.9+                                            |
|                         . + 14.4+-13.9+ 14.2+ 14.4                                             |
|                           +  .  +-16.3+ 16.9+ 15.4                                             |
|                             ..  + 18.4+ 17.6+ 17.1                                             |
|                               . + 18.9+ 19.0+                                                  |
|                                 +-----+                                                        |
|                                                                                                |
|                                                                                                |
|                                                                                                |
|                                                                                                |
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MZ B E N D I N G M O M E N T E N V E L O P E

MEMBER 2. ALL UNITS ARE - KIP FEET

LENGTH= 18.9 MAX(ABSOLUTE)= 37.7 AT 0.0 FROM START.FOR LOAD 115.

UPPER ENVELOPE MZ VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

37.70	19.39	6.03	2.41	1.33	0.27
-0.78	-1.82	-1.18	0.93	14.00	

CORRESPONDING LOAD NUMBERS

115.	115.	116.	108.	108.	108.
108.	108.	111.	112.	113.	

LOWER ENVELOPE MZ VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

5.71	3.33	0.68	-6.94	-14.58	-18.91
-19.73	-17.06	-10.90	-4.14	-4.86	

CORRESPONDING LOAD NUMBERS

108.	111.	111.	113.	115.	115.
115.	115.	115.	107.	108.	

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*=================================================================
LOAD LIST 121 TO 138
*=================================================================
PRINT FORCE ENV NSECTION 38 LIST 1
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MEMBER FORCE ENVELOPE

ALL UNITS ARE KIP FEET

MEMB	DISTANCE		FY	LD	MZ	LD	FZ	LD	MY	LD
1	0.00	MAX.	8.34	136	17.12	133	0.00	138	0.00	138
		MIN.	1.66	121	0.42	127	0.00	138	0.00	138
	0.79	MAX.	7.57	136	10.88	133	0.00	138	0.00	138
		MIN.	1.51	127	-0.85	127	0.00	138	0.00	138
108L	1.58	MAX.	6.80	136	5.24	133	0.00	138	0.00	138
		MIN.	1.32	127	-1.96	127	0.00	138	0.00	138
	2.36	MAX.	6.03	136	1.77	131	0.00	138	0.00	138
		MIN.	1.14	127	-2.93	127	0.00	138	0.00	138
	3.15	MAX.	5.26	136	0.79	131	0.00	138	0.00	138
		MIN.	0.96	127	-6.65	134	0.00	138	0.00	138
	3.94	MAX.	4.49	136	-0.07	131	0.00	138	0.00	138
		MIN.	0.77	127	-10.42	134	0.00	138	0.00	138
	4.73	MAX.	3.72	136	-0.82	131	0.00	138	0.00	138
		MIN.	0.59	127	-13.59	134	0.00	138	0.00	138
	5.52	MAX.	2.94	136	-1.45	131	0.00	138	0.00	138
		MIN.	0.40	127	-16.15	134	0.00	138	0.00	138
	6.31	MAX.	2.17	136	-1.96	131	0.00	138	0.00	138
		MIN.	0.22	127	-18.10	134	0.00	138	0.00	138
	7.09	MAX.	1.40	136	-2.36	131	0.00	138	0.00	138
		MIN.	0.04	127	-19.44	134	0.00	138	0.00	138
	7.88	MAX.	0.63	136	-2.64	131	0.00	138	0.00	138
		MIN.	-0.15	127	-20.18	134	0.00	138	0.00	138
	8.67	MAX.	0.13	131	-2.80	131	0.00	138	0.00	138
		MIN.	-0.40	125	-20.31	134	0.00	138	0.00	138
	9.46	MAX.	-0.01	131	-2.85	131	0.00	138	0.00	138
		MIN.	-1.11	135	-19.83	134	0.00	138	0.00	138
	10.25	MAX.	-0.16	131	-2.78	131	0.00	138	0.00	138
		MIN.	-1.88	135	-18.75	134	0.00	138	0.00	138
	11.03	MAX.	-0.31	131	-2.59	131	0.00	138	0.00	138
		MIN.	-2.65	135	-17.06	134	0.00	138	0.00	138
	11.82	MAX.	-0.46	131	-2.29	131	0.00	138	0.00	138
		MIN.	-3.42	135	-14.76	134	0.00	138	0.00	138
	12.61	MAX.	-0.60	131	-1.84	121	0.00	138	0.00	138
		MIN.	-4.19	135	-11.85	134	0.00	138	0.00	138
	13.40	MAX.	-0.75	131	-1.23	121	0.00	138	0.00	138
		MIN.	-4.96	135	-8.40	136	0.00	138	0.00	138
	14.19	MAX.	-0.90	131	-0.08	127	0.00	138	0.00	138
		MIN.	-5.73	135	-4.34	136	0.00	138	0.00	138
	14.98	MAX.	-1.05	131	2.82	135	0.00	138	0.00	138
		MIN.	-6.50	135	-1.23	128	0.00	138	0.00	138
	15.76	MAX.	-1.20	131	8.25	135	0.00	138	0.00	138
		MIN.	-7.27	135	0.11	128	0.00	138	0.00	138
	16.55	MAX.	-1.34	131	14.28	135	0.00	138	0.00	138
		MIN.	-8.04	135	1.59	128	0.00	138	0.00	138
	17.34	MAX.	-1.49	131	20.92	135	0.00	138	0.00	138
		MIN.	-8.81	135	3.08	131	0.00	138	0.00	138
	18.13	MAX.	-1.64	131	28.17	135	0.00	138	0.00	138

	MIN.	-9.58	135	4.31	131	0.00	138	0.00 138
18.92	MAX.	-1.79	131	36.03	135	0.00	138	0.00 138
	MIN.	-10.35	135	5.67	131	0.00	138	0.00 138

MAX/MIN FORCE VALUES FOR MEMB 1,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	8.34	0.00	136	36.03	18.92	135			
	0.00	0.00	121	0.00	0.00	121	4.82 C	0.00	133
MIN.	-10.35	18.92	135	-20.31	8.67	134			
	0.00	18.92	138	0.00	18.92	138	1.58 T	18.92	127

********** END OF FORCE ENVELOPE FROM INTERNAL STORAGE **********

180. PRINT FORCE ENV NSECTION 38 LIST 2

MEMBER FORCE ENVELOPE

ALL UNITS ARE KIP FEET

MEMB	DISTANCE		FY	LD	MZ	LD	FZ	LD	MY	LD
2	0.00	MAX.	10.35	135	36.03	135	0.00	138	0.00	138
		MIN.	0.42	128	4.59	128	0.00	138	0.00	138
.04	0.79	MAX.	9.58	135	28.17	135	0.00	138	0.00	138
		MIN.	0.42	128	4.26	128	0.00	138	0.00	138
.08L	1.58	MAX.	8.81	135	20.92	135	0.00	138	0.00	138
		MIN.	0.42	128	3.08	131	0.00	138	0.00	138
.12L	2.36	MAX.	8.04	135	14.28	135	0.00	138	0.00	138
		MIN.	0.41	128	1.96	131	0.00	138	0.00	138
.16L	3.15	MAX.	7.27	135	9.02	134	0.00	138	0.00	138
		MIN.	0.41	128	0.96	131	0.00	138	0.00	138
	3.94	MAX.	6.50	135	4.69	134	0.00	138	0.00	138
		MIN.	0.41	128	0.08	131	0.00	138	0.00	138
	4.73	MAX.	5.73	135	2.63	128	0.00	138	0.00	138
		MIN.	0.41	128	-2.35	133	0.00	138	0.00	138
	5.52	MAX.	4.96	135	2.31	128	0.00	138	0.00	138
		MIN.	0.40	128	-6.43	133	0.00	138	0.00	138
	6.31	MAX.	4.19	135	2.00	128	0.00	138	0.00	138
		MIN.	0.40	128	-9.90	133	0.00	138	0.00	138
	7.09	MAX.	3.42	135	1.68	128	0.00	138	0.00	138
		MIN.	0.40	128	-12.82	135	0.00	138	0.00	138
	7.88	MAX.	2.65	135	1.37	128	0.00	138	0.00	138
		MIN.	0.31	131	-15.22	135	0.00	138	0.00	138
	8.67	MAX.	1.88	135	1.06	128	0.00	138	0.00	138
		MIN.	0.16	131	-17.00	135	0.00	138	0.00	138
	9.46	MAX.	1.11	135	0.75	128	0.00	138	0.00	138
		MIN.	0.01	131	-18.18	135	0.00	138	0.00	138
	10.25	MAX.	0.47	134	0.45	128	0.00	138	0.00	138
		MIN.	-0.13	131	-18.75	135	0.00	138	0.00	138
	11.03	MAX.	0.38	128	0.14	128	0.00	138	0.00	138
		MIN.	-0.60	133	-18.71	135	0.00	138	0.00	138
	11.82	MAX.	0.38	128	-0.16	128	0.00	138	0.00	138
		MIN.	-1.37	133	-18.07	135	0.00	138	0.00	138
	12.61	MAX.	0.38	128	-0.46	128	0.00	138	0.00	138
		MIN.	-2.14	133	-16.82	135	0.00	138	0.00	138
	13.40	MAX.	0.38	128	-0.75	128	0.00	138	0.00	138
		MIN.	-2.91	133	-14.96	135	0.00	138	0.00	138
	14.19	MAX.	0.37	128	-0.82	131	0.00	138	0.00	138
		MIN.	-3.68	133	-12.49	135	0.00	138	0.00	138
	14.98	MAX.	0.37	128	-0.07	131	0.00	138	0.00	138
		MIN.	-4.45	133	-9.42	135	0.00	138	0.00	138
	15.76	MAX.	0.37	128	0.79	131	0.00	138	0.00	138
		MIN.	-5.22	133	-6.05	125	0.00	138	0.00	138
	16.55	MAX.	0.36	128	1.77	131	0.00	138	0.00	138
		MIN.	-6.00	133	-2.93	127	0.00	138	0.00	138
	17.34	MAX.	0.36	128	5.24	133	0.00	138	0.00	138
		MIN.	-6.77	133	-2.20	128	0.00	138	0.00	138
	18.13	MAX.	0.36	128	10.88	133	0.00	138	0.00	138

-M TOP SLAB @ ℄ WALL

	MIN.	-7.54	133	-2.49	128	0.00	138	0.00	138
18.92	MAX.	0.36	128	17.12	133	0.00	138	0.00	138
	MIN.	-8.31	133	-2.77	128	0.00	138	0.00	138

MAX/MIN FORCE VALUES FOR MEMB 2,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	10.35	0.00	135	36.03	0.00	135			
	0.00	0.00	121	0.00	0.00	121	4.82 C	0.00	133
MIN.	-8.31	18.92	133	-18.75	10.25	135			
	0.00	18.92	138	0.00	18.92	138	1.85 T	18.92	128

********** END OF FORCE ENVELOPE FROM INTERNAL STORAGE **********

181. PRINT FORCE ENV NSECTION 38 LIST 3

MEMBER FORCE ENVELOPE

ALL UNITS ARE KIP FEET

MEMB	DISTANCE		FY	LD	MZ	LD	FZ	LD	MY	LD
3	0.00	MAX.	1.58	127	-0.42	127	0.00	138	0.00	138
		MIN.	-4.82	133	-17.12	133	0.00	138	0.00	138
	0.47	MAX.	1.42	127	-1.12	127	0.00	138	0.00	138
		MIN.	-4.62	133	-14.90	133	0.00	138	0.00	138
	0.94	MAX.	1.26	127	-1.75	127	0.00	138	0.00	138
		MIN.	-4.43	133	-12.77	133	0.00	138	0.00	138
	1.41	MAX.	1.10	127	-2.22	121	0.00	138	0.00	138
		MIN.	-4.23	133	-10.74	133	0.00	138	0.00	138
	1.88	MAX.	0.94	127	-1.57	131	0.00	138	0.00	138
		MIN.	-4.03	133	-9.52	134	0.00	138	0.00	138
	2.35	MAX.	0.78	127	-0.65	131	0.00	138	0.00	138
		MIN.	-3.83	133	-8.38	134	0.00	138	0.00	138
	2.82	MAX.	0.65	127	0.07	131	0.00	138	0.00	138
		MIN.	-3.00	133	-7.40	134	0.00	138	0.00	138
	3.29	MAX.	0.49	127	0.67	131	0.00	138	0.00	138
		MIN.	-2.80	133	-6.50	134	0.00	138	0.00	138
	3.76	MAX.	0.33	127	1.25	131	0.00	138	0.00	138
		MIN.	-2.61	133	-5.66	134	0.00	138	0.00	138
	4.23	MAX.	0.16	127	1.83	131	0.00	138	0.00	138
		MIN.	-2.41	133	-4.86	134	0.00	138	0.00	138
	4.70	MAX.	0.00	127	2.39	131	0.00	138	0.00	138
		MIN.	-2.21	133	-4.46	128	0.00	138	0.00	138
	5.18	MAX.	-0.16	127	2.94	131	0.00	138	0.00	138
		MIN.	-2.01	133	-4.40	128	0.00	138	0.00	138
	5.65	MAX.	-0.32	127	3.47	131	0.00	138	0.00	138
		MIN.	-1.82	133	-4.27	128	0.00	138	0.00	138
	6.12	MAX.	0.81	131	3.50	131	0.00	138	0.00	138
		MIN.	-0.56	126	-4.09	128	0.00	138	0.00	138
	6.59	MAX.	0.84	131	3.11	131	0.00	138	0.00	138
		MIN.	-0.58	128	-3.85	128	0.00	138	0.00	138
	7.06	MAX.	0.90	132	2.71	131	0.00	138	0.00	138
		MIN.	-0.74	128	-3.54	128	0.00	138	0.00	138
	7.53	MAX.	1.09	132	2.30	131	0.00	138	0.00	138
		MIN.	-0.91	128	-3.15	128	0.00	138	0.00	138
	8.00	MAX.	1.29	132	1.87	131	0.00	138	0.00	138
		MIN.	-1.07	128	-2.69	128	0.00	138	0.00	138
	8.47	MAX.	1.49	132	1.43	131	0.00	138	0.00	138
		MIN.	-1.23	128	-2.44	126	0.00	138	0.00	138
	8.94	MAX.	1.69	132	0.98	131	0.00	138	0.00	138
		MIN.	-1.39	128	-2.51	126	0.00	138	0.00	138
	9.41	MAX.	1.88	132	0.51	131	0.00	138	0.00	138
		MIN.	-1.55	128	-2.76	136	0.00	138	0.00	138
	9.88	MAX.	5.25	132	-0.04	127	0.00	138	0.00	138
		MIN.	-1.54	128	-3.75	136	0.00	138	0.00	138
	10.35	MAX.	5.45	132	0.71	127	0.00	138	0.00	138
		MIN.	-1.70	128	-5.81	133	0.00	138	0.00	138
	10.82	MAX.	5.64	132	1.52	127	0.00	138	0.00	138

	MIN.	-1.86	128	-8.32	133	0.00	138	0.00	138
11.29	MAX.	5.84	132	2.42	127	0.00	138	0.00	138
	MIN.	-2.02	128	-10.92	133	0.00	138	0.00	138

MAX/MIN FORCE VALUES FOR MEMB 3,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	5.84	11.29	132	3.50	6.12	131			
	0.00	0.00	121	0.00	0.00	121	10.03 C	11.29	136
MIN.	-4.82	0.00	133	-17.12	0.00	133			
	0.00	11.29	138	0.00	11.29	138	1.66 C	0.00	121

********** END OF FORCE ENVELOPE FROM INTERNAL STORAGE **********

182. PRINT FORCE ENV NSECTION 38 LIST 4

MEMBER FORCE ENVELOPE

ALL UNITS ARE KIP FEET

MEMB	DISTANCE		FY	LD	MZ	LD	FZ	LD	MY	LD
4	0.00	MAX.	0.31	134	2.32	134	0.00	138	0.00	138
		MIN.	0.00	131	0.00	131	0.00	138	0.00	138
	0.47	MAX.	0.31	134	2.17	134	0.00	138	0.00	138
		MIN.	0.00	131	0.00	131	0.00	138	0.00	138
	0.94	MAX.	0.31	134	2.03	134	0.00	138	0.00	138
		MIN.	0.00	131	0.00	131	0.00	138	0.00	138
	1.41	MAX.	0.31	134	1.88	134	0.00	138	0.00	138
		MIN.	0.00	131	0.00	131	0.00	138	0.00	138
	1.88	MAX.	0.31	134	1.74	134	0.00	138	0.00	138
		MIN.	0.00	131	0.00	131	0.00	138	0.00	138
	2.35	MAX.	0.31	134	1.60	134	0.00	138	0.00	138
		MIN.	0.00	131	0.00	131	0.00	138	0.00	138
	2.82	MAX.	0.31	134	1.45	134	0.00	138	0.00	138
		MIN.	0.00	131	0.00	131	0.00	138	0.00	138
	3.29	MAX.	0.31	134	1.31	134	0.00	138	0.00	138
		MIN.	0.00	131	0.00	131	0.00	138	0.00	138
	3.76	MAX.	0.31	134	1.17	136	0.00	138	0.00	138
		MIN.	0.00	131	0.00	131	0.00	138	0.00	138
	4.23	MAX.	0.31	134	1.02	136	0.00	138	0.00	138
		MIN.	0.00	131	0.00	121	0.00	138	0.00	138
	4.70	MAX.	0.31	134	0.88	136	0.00	138	0.00	138
		MIN.	0.00	131	0.00	127	0.00	138	0.00	138
	5.18	MAX.	0.31	134	0.74	136	0.00	138	0.00	138
		MIN.	0.00	131	0.00	127	0.00	138	0.00	138
	5.65	MAX.	0.31	134	0.59	136	0.00	138	0.00	138
		MIN.	0.00	131	0.00	127	0.00	138	0.00	138
	6.12	MAX.	0.31	134	0.45	136	0.00	138	0.00	138
		MIN.	0.00	131	0.00	127	0.00	138	0.00	138
	6.59	MAX.	0.31	134	0.30	136	0.00	138	0.00	138
		MIN.	0.00	131	0.00	127	0.00	138	0.00	138
	7.06	MAX.	0.31	134	0.16	138	0.00	138	0.00	138
		MIN.	0.00	131	0.00	125	0.00	138	0.00	138
	7.53	MAX.	0.31	134	0.02	138	0.00	138	0.00	138
		MIN.	0.00	131	0.00	125	0.00	138	0.00	138
	8.00	MAX.	0.31	134	0.00	131	0.00	138	0.00	138
		MIN.	0.00	131	-0.13	134	0.00	138	0.00	138
	8.47	MAX.	0.31	134	0.00	131	0.00	138	0.00	138
		MIN.	0.00	131	-0.27	134	0.00	138	0.00	138
	8.94	MAX.	0.31	134	0.00	131	0.00	138	0.00	138
		MIN.	0.00	131	-0.41	134	0.00	138	0.00	138
	9.41	MAX.	0.31	134	0.00	131	0.00	138	0.00	138
		MIN.	0.00	131	-0.56	134	0.00	138	0.00	138
	9.88	MAX.	0.31	134	0.00	131	0.00	138	0.00	138
		MIN.	0.00	131	-0.70	134	0.00	138	0.00	138
	10.35	MAX.	0.31	134	0.00	131	0.00	138	0.00	138
		MIN.	0.00	131	-0.84	134	0.00	138	0.00	138
	10.82	MAX.	0.31	134	0.00	131	0.00	138	0.00	138

	MIN.	0.00	131	-0.99	134	0.00	138	0.00 138
11.29	MAX.	0.31	134	0.00	131	0.00	138	0.00 138
	MIN.	0.00	131	-1.13	134	0.00	138	0.00 138

MAX/MIN FORCE VALUES FOR MEMB 4,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	0.31	0.00	134	2.32	0.00	134			
	0.00	0.00	121	0.00	0.00	121	22.12 C	11.29	135
MIN.	0.00	11.29	131	-1.13	11.29	134			
	0.00	11.29	138	0.00	11.29	138	2.95 C	0.00	128

********** END OF FORCE ENVELOPE FROM INTERNAL STORAGE **********

183. PRINT FORCE ENV NSECTION 38 LIST 5

MEMBER FORCE ENVELOPE

ALL UNITS ARE KIP FEET

MEMB	DISTANCE		FY	LD	MZ	LD	FZ	LD	MY	LD
5	0.00	MAX.	4.82	133	17.12	133	0.00	138	0.00	138
		MIN.	-1.85	128	-2.77	128	0.00	138	0.00	138
	0.47	MAX.	4.62	133	14.90	133	0.00	138	0.00	138
		MIN.	-1.69	128	-1.94	128	0.00	138	0.00	138
	0.94	MAX.	4.43	133	12.77	133	0.00	138	0.00	138
		MIN.	-1.52	128	-1.18	128	0.00	138	0.00	138
	1.41	MAX.	4.23	133	10.74	133	0.00	138	0.00	138
		MIN.	-1.36	128	-0.50	128	0.00	138	0.00	138
	1.88	MAX.	4.03	133	8.79	133	0.00	138	0.00	138
		MIN.	-1.20	128	0.10	128	0.00	138	0.00	138
	2.35	MAX.	3.83	133	7.40	135	0.00	138	0.00	138
		MIN.	-1.04	128	0.62	128	0.00	138	0.00	138
	2.82	MAX.	3.00	133	6.29	125	0.00	138	0.00	138
		MIN.	-0.91	128	-0.07	131	0.00	138	0.00	138
	3.29	MAX.	2.80	133	5.59	125	0.00	138	0.00	138
		MIN.	-0.75	128	-0.67	131	0.00	138	0.00	138
	3.76	MAX.	2.61	133	4.96	125	0.00	138	0.00	138
		MIN.	-0.59	128	-1.25	131	0.00	138	0.00	138
	4.23	MAX.	2.41	133	4.38	125	0.00	138	0.00	138
		MIN.	-0.43	128	-1.83	131	0.00	138	0.00	138
	4.70	MAX.	2.21	133	4.14	127	0.00	138	0.00	138
		MIN.	-0.26	128	-2.39	131	0.00	138	0.00	138
	5.18	MAX.	2.01	133	4.11	127	0.00	138	0.00	138
		MIN.	-0.10	128	-2.94	131	0.00	138	0.00	138
	5.65	MAX.	1.82	133	3.99	127	0.00	138	0.00	138
		MIN.	0.06	128	-3.47	131	0.00	138	0.00	138
	6.12	MAX.	0.52	125	3.83	127	0.00	138	0.00	138
		MIN.	-0.81	131	-3.50	131	0.00	138	0.00	138
	6.59	MAX.	0.54	127	3.62	127	0.00	138	0.00	138
		MIN.	-0.84	131	-3.11	131	0.00	138	0.00	138
	7.06	MAX.	0.70	127	3.32	127	0.00	138	0.00	138
		MIN.	-0.90	132	-2.71	131	0.00	138	0.00	138
	7.53	MAX.	0.86	127	2.96	127	0.00	138	0.00	138
		MIN.	-1.09	132	-2.30	131	0.00	138	0.00	138
	8.00	MAX.	1.02	127	2.51	127	0.00	138	0.00	138
		MIN.	-1.29	132	-1.87	131	0.00	138	0.00	138
	8.47	MAX.	1.19	127	2.28	125	0.00	138	0.00	138
		MIN.	-1.49	132	-1.43	131	0.00	138	0.00	138
	8.94	MAX.	1.35	127	2.38	125	0.00	138	0.00	138
		MIN.	-1.69	132	-0.98	131	0.00	138	0.00	138
	9.41	MAX.	1.51	127	2.64	135	0.00	138	0.00	138
		MIN.	-1.88	132	-0.51	131	0.00	138	0.00	138
	9.88	MAX.	1.50	127	3.66	135	0.00	138	0.00	138
		MIN.	-5.25	132	-0.56	128	0.00	138	0.00	138
	10.35	MAX.	1.66	127	5.81	133	0.00	138	0.00	138
		MIN.	-5.45	132	-1.18	128	0.00	138	0.00	138
	10.82	MAX.	1.82	127	8.32	133	0.00	138	0.00	138

	MIN.	-5.64	132	-1.87	128	0.00	138	0.00 138
11.29	MAX.	1.98	127	10.92	133	0.00	138	0.00 138
	MIN.	-5.84	132	-2.64	128	0.00	138	0.00 138

MAX/MIN FORCE VALUES FOR MEMB 5,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	4.82	0.00	133	17.12	0.00	133			
	0.00	0.00	121	0.00	0.00	121	10.00 C	11.29	133
MIN.	-5.84	11.29	132	-3.50	6.12	131			
	0.00	11.29	138	0.00	11.29	138	0.36 T	0.00	128

********** END OF FORCE ENVELOPE FROM INTERNAL STORAGE **********

184. PRINT FORCE ENV NSECTION 4 LIST 6 TO 15

MEMBER FORCE ENVELOPE

ALL UNITS ARE KIP FEET

MEMB	DISTANCE		FY	LD	MZ	LD	FZ	LD	MY	LD
6	0.00	MAX.	0.55	127	2.42	127	0.00	138	0.00	138
		MIN.	-5.70	133	-10.92	133	0.00	138	0.00	138
	0.47	MAX.	-0.14	127	2.32	128	0.00	138	0.00	138
		MIN.	-5.80	133	-8.44	132	0.00	138	0.00	138
	0.95	MAX.	-0.82	127	2.59	128	0.00	138	0.00	138
		MIN.	-5.89	133	-6.10	132	0.00	138	0.00	138
	1.42	MAX.	-1.51	127	3.17	128	0.00	138	0.00	138
		MIN.	-5.98	133	-3.79	131	0.00	138	0.00	138
	1.89	MAX.	-2.19	127	4.17	126	0.00	138	0.00	138
		MIN.	-6.08	133	-2.62	131	0.00	138	0.00	138

-M BOT SLAB
& EXT WALL

MAX/MIN FORCE VALUES FOR MEMB 6,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	0.55	0.00	127	4.17	1.89	126			
	0.00	0.00	121	0.00	0.00	121	5.83 C	0.00	132
MIN.	-6.08	1.89	133	-10.92	0.00	133			
	0.00	1.89	138	0.00	1.89	138	2.02 T	1.89	128

7	0.00	MAX.	1.34	128	4.17	126	0.00	138	0.00	138
		MIN.	-2.69	133	-2.62	131	0.00	138	0.00	138
	0.47	MAX.	0.66	128	4.70	126	0.00	138	0.00	138
		MIN.	-2.79	133	-2.02	131	0.00	138	0.00	138
	0.95	MAX.	-0.03	128	5.70	134	0.00	138	0.00	138
		MIN.	-2.88	133	-1.37	131	0.00	138	0.00	138
	1.42	MAX.	-0.71	128	6.77	134	0.00	138	0.00	138
		MIN.	-2.98	133	-0.68	131	0.00	138	0.00	138
	1.89	MAX.	-0.91	138	7.88	134	0.00	138	0.00	138
		MIN.	-3.07	133	0.06	131	0.00	138	0.00	138

MAX/MIN FORCE VALUES FOR MEMB 7,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	1.34	0.00	128	7.88	1.89	134			
	0.00	0.00	121	0.00	0.00	121	5.83 C	0.00	132
MIN.	-3.07	1.89	133	-2.62	0.00	131			
	0.00	1.89	138	0.00	1.89	138	2.02 T	1.89	128

8	0.00	MAX.	1.70	128	7.88	134	0.00	138	0.00	138
		MIN.	-0.91	132	0.06	131	0.00	138	0.00	138
	0.47	MAX.	1.01	128	8.05	134	0.00	138	0.00	138
		MIN.	-1.01	132	0.34	131	0.00	138	0.00	138
	0.95	MAX.	0.33	128	8.26	134	0.00	138	0.00	138
		MIN.	-1.10	132	0.67	131	0.00	138	0.00	138
	1.42	MAX.	-0.06	138	8.52	134	0.00	138	0.00	138
		MIN.	-1.20	132	1.04	131	0.00	138	0.00	138
	1.89	MAX.	-0.11	138	8.82	134	0.00	138	0.00	138
		MIN.	-1.29	132	1.45	131	0.00	138	0.00	138

MAX/MIN FORCE VALUES FOR MEMB 8,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	1.70	0.00	128	8.82	1.89	134			
	0.00	0.00	121	0.00	0.00	121	5.83 C	0.00	132
MIN.	-1.29	1.89	132	0.06	0.00	131			
	0.00	1.89	138	0.00	1.89	138	2.02 T	1.89	128

9	0.00	MAX.	1.74	128	8.82	134	0.00	138	0.00	138
		MIN.	-0.16	132	1.45	131	0.00	138	0.00	138
	0.47	MAX.	1.06	128	8.67	134	0.00	138	0.00	138
		MIN.	-0.26	132	1.53	131	0.00	138	0.00	138
	0.95	MAX.	0.37	128	8.63	135	0.00	138	0.00	138
		MIN.	-0.35	132	1.66	131	0.00	138	0.00	138
	1.42	MAX.	0.24	138	8.63	135	0.00	138	0.00	138
		MIN.	-0.44	132	1.83	131	0.00	138	0.00	138
	1.89	MAX.	0.18	138	8.64	135	0.00	138	0.00	138
		MIN.	-1.11	127	2.05	131	0.00	138	0.00	138

MAX/MIN FORCE VALUES FOR MEMB 9,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	1.74	0.00	128	8.82	0.00	134			
	0.00	0.00	121	0.00	0.00	121	5.83 C	0.00	132
MIN.	-1.11	1.89	127	1.45	0.00	131			
	0.00	1.89	138	0.00	1.89	138	2.02 T	1.89	128

10	0.00	MAX.	1.65	128	8.64	135	0.00	138	0.00	138
		MIN.	0.10	131	2.05	131	0.00	138	0.00	138
	0.47	MAX.	0.97	128	8.53	135	0.00	138	0.00	138
		MIN.	0.01	131	2.03	131	0.00	138	0.00	138
	0.95	MAX.	0.35	134	8.42	135	0.00	138	0.00	138
		MIN.	-0.09	131	1.90	128	0.00	138	0.00	138
	1.42	MAX.	0.30	136	8.32	135	0.00	138	0.00	138
		MIN.	-0.51	127	1.93	128	0.00	138	0.00	138
	1.89	MAX	0.28	136	8.24	135	—	—	—	—

		MIN.	-1.19	127	2.21	131	0.00	138	0.00 138

MAX/MIN FORCE VALUES FOR MEMB 10,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	1.65	0.00	128	8.64	0.00	135			
	0.00	0.00	121	0.00	0.00	121	5.83 C	0.00	132
MIN.	-1.19	1.89	127	1.90	0.95	128			
	0.00	1.89	138	0.00	1.89	138	2.02 T	1.89	128

11	0.00	MAX.	1.57	128	8.24	135	0.00	138	0.00	138
		MIN.	0.26	131	2.21	131	0.00	138	0.00	138
	0.47	MAX.	0.88	128	8.04	135	0.00	138	0.00	138
		MIN.	0.16	131	1.70	128	0.00	138	0.00	138
	0.95	MAX.	0.46	134	7.85	135	0.00	138	0.00	138
		MIN.	0.07	131	1.44	128	0.00	138	0.00	138
	1.42	MAX.	0.43	136	7.66	135	0.00	138	0.00	138
		MIN.	-0.54	127	1.51	128	0.00	138	0.00	138
	1.89	MAX.	0.41	136	7.55	133	0.00	138	0.00	138
		MIN.	-1.23	127	1.90	128	0.00	138	0.00	138

MAX/MIN FORCE VALUES FOR MEMB 11,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	1.57	0.00	128	8.24	0.00	135			
	0.00	0.00	121	0.00	0.00	121	5.83 C	0.00	132
MIN.	-1.23	1.89	127	1.44	0.95	128			
	0.00	1.89	138	0.00	1.89	138	2.02 T	1.89	128

12	0.00	MAX.	1.66	127	7.55	133	0.00	138	0.00	138
		MIN.	0.45	131	1.90	128	0.00	138	0.00	138
	0.47	MAX.	1.27	125	7.01	133	0.00	138	0.00	138
		MIN.	0.35	131	1.31	128	0.00	138	0.00	138
	0.95	MAX.	1.02	135	6.52	133	0.00	138	0.00	138
		MIN.	0.22	128	1.04	128	0.00	138	0.00	138
	1.42	MAX.	1.00	135	6.08	133	0.00	138	0.00	138
		MIN.	-0.46	128	1.10	128	0.00	138	0.00	138
	1.89	MAX.	0.98	135	5.68	133	0.00	138	0.00	138
		MIN.	-1.15	128	1.48	128	0.00	138	0.00	138

MAX/MIN FORCE VALUES FOR MEMB 12,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD

MAX.		1.66	0.00	127	7.55	0.00	133		
		0.00	0.00	121	0.00	0.00	121	5.83 C	0.00 132
MIN.		-1.15	1.89	128	1.04	0.95	128		
		0.00	1.89	138	0.00	1.89	138	2.02 T	1.89 128

13	0.00	MAX.	2.98	125	5.68	133	0.00	138	0.00 138
		MIN.	0.80	131	1.48	128	0.00	138	0.00 138
	0.47	MAX.	2.59	125	4.45	133	0.00	138	0.00 138
		MIN.	0.70	131	0.78	128	0.00	138	0.00 138
	0.95	MAX.	2.50	135	3.26	133	0.00	138	0.00 138
		MIN.	0.44	128	0.41	128	0.00	138	0.00 138
	1.42	MAX.	2.48	135	2.11	133	0.00	138	0.00 138
		MIN.	-0.24	128	0.37	128	0.00	138	0.00 138
	1.89	MAX.	2.46	135	1.01	133	0.00	138	0.00 138
		MIN.	-0.93	128	0.29	137	0.00	138	0.00 138

MAX/MIN FORCE VALUES FOR MEMB 13,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	2.98	0.00	125	5.68	0.00	133			
	0.00	0.00	121	0.00	0.00	121	5.83 C	0.00	132
MIN.	-0.93	1.89	128	0.29	1.89	137			
	0.00	1.89	138	0.00	1.89	138	2.02 T	1.89	128

14	0.00	MAX.	5.34	125	1.01	133	0.00	138	0.00 138
		MIN.	1.38	131	0.29	137	0.00	138	0.00 138
	0.47	MAX.	5.15	133	-0.18	131	0.00	138	0.00 138
		MIN.	1.28	131	-1.60	135	0.00	138	0.00 138
	0.95	MAX.	5.12	135	-0.77	131	0.00	138	0.00 138
		MIN.	0.91	128	-4.03	135	0.00	138	0.00 138
	1.42	MAX.	5.10	135	-1.13	128	0.00	138	0.00 138
		MIN.	0.22	128	-6.45	135	0.00	138	0.00 138
	1.89	MAX.	5.09	135	-1.07	128	0.00	138	0.00 138
		MIN.	-0.46	128	-8.86	135	0.00	138	0.00 138

MAX/MIN FORCE VALUES FOR MEMB 14,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	5.34	0.00	125	1.01	0.00	133			
	0.00	0.00	121	0.00	0.00	121	5.83 C	0.00	132
MIN.	-0.46	1.89	128	-8.86	1.89	135			
	0.00	1.89	138	0.00	1.89	138	2.02 T	1.89	128

15	0.00	MAX.	8.95	133	-1.07	128	0.00	138	0.00 138
		MIN.	2.21	131	-8.86	135	0.00	138	0.00 138
	0.47	MAX.	8.91	135	-2.33	128	0.00	138	0.00 138
		MIN	2.11	131	-13.07	135	—	—	— —

0.95	MAX.	8.89	135	-3.26	128	0.00	138	0.00	138
	MIN.	1.62	128	-17.28	135	0.00	138	0.00	138
1.42	MAX.	8.87	135	-3.86	128	0.00	138	0.00	138
	MIN.	0.94	128	-21.48	135	0.00	138	0.00	138
1.89	MAX.	8.85	135	-4.14	128	0.00	138	0.00	138
	MIN.	0.25	128	-25.67	135	0.00	138	0.00	138

MAX/MIN FORCE VALUES FOR MEMB 15,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	8.95	0.00	133	-1.07	0.00	128			
	0.00	0.00	121	0.00	0.00	121	5.83 C	0.00	132
MIN.	0.25	1.89	128	-25.67	1.89	135			
	0.00	1.89	138	0.00	1.89	138	2.02 T	1.89	128

********** END OF FORCE ENVELOPE FROM INTERNAL STORAGE **********

185. PRINT FORCE ENV NSECTION 4 LIST 16 TO 25

MEMBER FORCE ENVELOPE

ALL UNITS ARE KIP FEET

MEMB	DISTANCE		FY	LD	MZ	LD	FZ	LD	MY	LD
16	0.00	MAX.	-0.49	128	-5.28	128	0.00	138	0.00	138
		MIN.	-8.85	135	-25.67	135	0.00	138	0.00	138
	0.47	MAX.	-1.18	128	-4.73	131	0.00	138	0.00	138
		MIN.	-8.87	135	-21.48	135	0.00	138	0.00	138
	0.95	MAX.	-1.86	128	-3.80	131	0.00	138	0.00	138
		MIN.	-8.89	135	-17.28	135	0.00	138	0.00	138
	1.42	MAX.	-2.11	131	-2.82	131	0.00	138	0.00	138
		MIN.	-8.91	135	-13.07	135	0.00	138	0.00	138
	1.89	MAX.	-2.21	131	-1.75	128	0.00	138	0.00	138
		MIN.	-8.95	133	-8.86	135	0.00	138	0.00	138

-M @ BOT SLAB @ INT WALL

MAX/MIN FORCE VALUES FOR MEMB 16,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	-0.49	0.00	128	-1.75	1.89	128			
	0.00	0.00	121	0.00	0.00	121	5.83 C	0.00	132
MIN.	-8.95	1.89	133	-25.67	0.00	135			
	0.00	1.89	138	0.00	1.89	138	1.98 T	1.89	127

17	0.00	MAX.	0.30	128	-1.75	128	0.00	138	0.00	138
		MIN.	-5.09	135	-8.86	135	0.00	138	0.00	138
	0.47	MAX.	-0.38	128	-1.31	131	0.00	138	0.00	138
		MIN.	-5.10	135	-6.45	135	0.00	138	0.00	138
	0.95	MAX.	-1.07	128	-0.77	131	0.00	138	0.00	138
		MIN.	-5.12	135	-4.03	135	0.00	138	0.00	138
	1.42	MAX.	-1.28	131	-0.18	131	0.00	138	0.00	138
		MIN.	-5.15	133	-1.69	134	0.00	138	0.00	138
	1.89	MAX.	-1.38	131	1.01	133	0.00	138	0.00	138
		MIN.	-5.34	125	0.04	138	0.00	138	0.00	138

MAX/MIN FORCE VALUES FOR MEMB 17,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	0.30	0.00	128	1.01	1.89	133			
	0.00	0.00	121	0.00	0.00	121	5.83 C	0.00	132
MIN.	-5.34	1.89	125	-8.86	0.00	135			
	0.00	1.89	138	0.00	1.89	138	1.98 T	1.89	127

18	0.00	MAX.	0.88	128	1.01	133	0.00	138	0.00	138
		MIN.	-2.46	135	0.04	138	0.00	138	0.00	138
	0.47	MAX.	0.20	128	2.11	133	0.00	138	0.00	138
		MIN.	-2.48	135	0.01	128	0.00	138	0.00	138
	0.95	MAX.	-0.49	128	3.26	133	0.00	138	0.00	138
		MIN.	-2.50	135	0.08	128	0.00	138	0.00	138
	1.42	MAX.	-0.70	131	4.45	133	0.00	138	0.00	138
		MIN.	-2.59	125	0.48	128	0.00	138	0.00	138
	1.89	MAX.	-0.80	131	5.68	133	0.00	138	0.00	138
		MIN.	-2.98	125	1.19	128	0.00	138	0.00	138

MAX/MIN FORCE VALUES FOR MEMB 18,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	0.88	0.00	128	5.68	1.89	133			
	0.00	0.00	121	0.00	0.00	121	5.83 C	0.00	132
MIN.	-2.98	1.89	125	0.01	0.47	128			
	0.00	1.89	138	0.00	1.89	138	1.98 T	1.89	127

19	0.00	MAX.	1.23	128	5.68	133	0.00	138	0.00	138
		MIN.	-0.98	135	1.19	128	0.00	138	0.00	138
	0.47	MAX.	0.54	128	6.08	133	0.00	138	0.00	138
		MIN.	-1.00	135	0.78	128	0.00	138	0.00	138
	0.95	MAX.	-0.14	128	6.52	133	0.00	138	0.00	138
		MIN.	-1.02	135	0.68	128	0.00	138	0.00	138
	1.42	MAX.	-0.35	131	7.01	133	0.00	138	0.00	138
		MIN.	-1.27	125	0.91	128	0.00	138	0.00	138
	1.89	MAX.	-0.42	138	7.55	133	0.00	138	0.00	138
		MIN.	-1.66	127	1.47	128	0.00	138	0.00	138

MAX/MIN FORCE VALUES FOR MEMB 19,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	1.23	0.00	128	7.55	1.89	133			
	0.00	0.00	121	0.00	0.00	121	5.83 C	0.00	132
MIN.	-1.66	1.89	127	0.68	0.95	128			
	0.00	1.89	138	0.00	1.89	138	1.98 T	1.89	127

20	0.00	MAX.	1.37	128	7.55	133	0.00	138	0.00	138
		MIN.	-0.36	135	1.47	128	0.00	138	0.00	138
	0.47	MAX.	0.69	128	7.66	135	0.00	138	0.00	138
		MIN.	-0.38	135	0.98	128	0.00	138	0.00	138
	0.95	MAX.	0.00	128	7.85	135	0.00	138	0.00	138
		MIN.	-0.40	135	0.82	128	0.00	138	0.00	138
	1.42	MAX.	-0.15	138	8.04	135	0.00	138	0.00	138
		MIN.	-0.83	127	0.98	128	0.00	138	0.00	138
	1.89	MAX.	0.07	138	8.24	135	—	—	—	—

		MIN.	-1.51	127	1.46	128	0.00	138	0.00	138

MAX/MIN FORCE VALUES FOR MEMB 20,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	1.37	0.00	128	8.24	1.89	135			
	0.00	0.00	121	0.00	0.00	121	5.83 C	0.00	132
MIN.	-1.51	1.89	127	0.82	0.95	128			
	0.00	1.89	138	0.00	1.89	138	1.98 T	1.89	127

21	0.00	MAX.	1.38	128	8.24	135	0.00	138	0.00	138
		MIN.	-0.18	135	1.46	128	0.00	138	0.00	138
	0.47	MAX.	0.69	128	8.33	135	0.00	138	0.00	138
		MIN.	-0.19	135	0.97	128	0.00	138	0.00	138
	0.95	MAX.	0.09	131	8.42	135	0.00	138	0.00	138
		MIN.	-0.23	125	0.81	128	0.00	138	0.00	138
	1.42	MAX.	-0.01	131	8.53	135	0.00	138	0.00	138
		MIN.	-0.86	127	0.97	128	0.00	138	0.00	138
	1.89	MAX.	-0.06	136	8.64	135	0.00	138	0.00	138
		MIN.	-1.55	127	1.45	128	0.00	138	0.00	138

MAX/MIN FORCE VALUES FOR MEMB 21,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	1.38	0.00	128	8.64	1.89	135			
	0.00	0.00	121	0.00	0.00	121	5.83 C	0.00	132
MIN.	-1.55	1.89	127	0.81	0.95	128			
	0.00	1.89	138	0.00	1.89	138	1.98 T	1.89	127

22	0.00	MAX.	1.30	128	8.64	135	0.00	138	0.00	138
		MIN.	-0.07	137	1.45	128	0.00	138	0.00	138
	0.47	MAX.	0.61	128	8.63	135	0.00	138	0.00	138
		MIN.	-0.13	137	1.00	128	0.00	138	0.00	138
	0.95	MAX.	0.35	132	8.63	135	0.00	138	0.00	138
		MIN.	-0.26	127	0.87	128	0.00	138	0.00	138
	1.42	MAX.	0.26	132	8.63	135	0.00	138	0.00	138
		MIN.	-0.95	127	1.06	128	0.00	138	0.00	138
	1.89	MAX.	0.16	132	8.65	135	0.00	138	0.00	138
		MIN.	-1.63	127	1.45	131	0.00	138	0.00	138

MAX/MIN FORCE VALUES FOR MEMB 22,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD

MAX.			1.30	0.00	128	8.65	1.89	135	
			0.00	0.00	121	0.00	0.00	121	5.83 C 0.00 132
MIN.			-1.63	1.89	127	0.87	0.95	128	
			0.00	1.89	138	0.00	1.89	138	1.98 T 1.89 127
23	0.00	MAX.	1.29	132	8.65	135	0.00	138	0.00 138
		MIN.	0.19	137	1.45	131	0.00	138	0.00 138
	0.47	MAX.	1.20	132	8.30	135	0.00	138	0.00 138
		MIN.	0.13	137	1.04	131	0.00	138	0.00 138
	0.95	MAX.	1.10	132	7.95	135	0.00	138	0.00 138
		MIN.	-0.25	127	0.67	131	0.00	138	0.00 138
	1.42	MAX.	1.01	132	7.62	135	0.00	138	0.00 138
		MIN.	-0.93	127	0.34	131	0.00	138	0.00 138
	1.89	MAX.	0.91	132	7.33	125	0.00	138	0.00 138
		MIN.	-1.62	127	0.06	131	0.00	138	0.00 138

MAX/MIN FORCE VALUES FOR MEMB 23,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	1.29	0.00	132	8.65	0.00	135			
	0.00	0.00	121	0.00	0.00	121	5.83 C	0.00	132
MIN.	-1.62	1.89	127	0.06	1.89	131			
	0.00	1.89	138	0.00	1.89	138	1.98 T	1.89	127

24	0.00	MAX.	3.07	133	7.33	125	0.00	138	0.00 138
		MIN.	0.65	138	0.06	131	0.00	138	0.00 138
	0.47	MAX.	2.98	133	6.23	125	0.00	138	0.00 138
		MIN.	0.46	128	-0.68	131	0.00	138	0.00 138
	0.95	MAX.	2.88	133	5.32	125	0.00	138	0.00 138
		MIN.	-0.23	128	-1.37	131	0.00	138	0.00 138
	1.42	MAX.	2.79	133	4.60	125	0.00	138	0.00 138
		MIN.	-0.91	128	-2.02	131	0.00	138	0.00 138
	1.89	MAX.	2.69	133	4.05	125	0.00	138	0.00 138
		MIN.	-1.60	128	-2.62	131	0.00	138	0.00 138

MAX/MIN FORCE VALUES FOR MEMB 24,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	3.07	0.00	133	7.33	0.00	125			
	0.00	0.00	121	0.00	0.00	121	5.83 C	0.00	132
MIN.	-1.60	1.89	128	-2.62	1.89	131			
	0.00	1.89	138	0.00	1.89	138	1.98 T	1.89	127

25	0.00	MAX.	6.08	133	4.05	125	0.00	138	0.00 138
		MIN.	1.21	128	-2.62	131	0.00	138	0.00 138
	0.47	MAX.	5.98	133	3.10	127	0.00	138	0.00 138
		MIN.	0.53	128	-3.79	131	—	—	— —

0.95	MAX.	5.89	133	2.55	127	0.00	138	0.00	138
	MIN.	-0.16	128	-6.10	132	0.00	138	0.00	138
1.42	MAX.	5.80	133	2.32	127	0.00	138	0.00	138
	MIN.	-0.84	128	-8.44	132	0.00	138	0.00	138
1.89	MAX.	5.70	133	2.64	128	0.00	138	0.00	138
	MIN.	-1.53	128	-10.92	133	0.00	138	0.00	138

MAX/MIN FORCE VALUES FOR MEMB 25,AMONGST ALL SECT LOCATIONS

	FY/ FZ	DIST	LD	MZ/ MY	DIST	LD	FX	DIST	LD
MAX.	6.08	0.00	133	4.05	0.00	125			
	0.00	0.00	121	0.00	0.00	121	5.83 C	0.00	132
MIN.	-1.53	1.89	128	-10.92	1.89	133			
	0.00	1.89	138	0.00	1.89	138	1.98 T	1.89	127

********** END OF FORCE ENVELOPE FROM INTERNAL STORAGE **********

186. MSDR ENVELOPE FY MZ LIST 1

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|
|
|      8.31
|L136+
|    | 7.18
|L126+ 6.46  6.46
|L132+ ..  + 5.76
|    | 5.33+ 5.55
|L122+     + . .   4.61
|    |  .  | 4.14+ 3.93
|    |     +   . +.3.79
|    | 2.77|  .  + 2.96  2.76
|L138+     | 2.10+  .. + 2.31
|    | 1.66+ 1.45| 1.44+ 1.77
|L131+-----+ 1.30+.950 +.969  .890
|    |     +-----+  .  +.595 +.240
|    |     |     |     +-----+ 753E-4114  .368
|    +=====+=====+=====+=====+=====+=====+=====+=====+=====+=====+
|                                  . +-1.8-+ 1.24+ 1.40| 1.18| 1.53|
|                                    +...  + 1.79+ 1.91+-1.84+ 2.8 | 1.89
|                                      ... + 2.56+     + 2.58+ 2.28+ 2.73
|                                        . + 2.84| 2.98+     + 3.24+
|                                          +.... + 3.98|     +     | 3.91
|                                            ... + 4.18| 4.17|     +
|                                              . + 4.64+ 4.85|     |
|                                                +.... + 5.80| 5.35|
|                                                  ... + 5.94+ 6.27|
|                                                    . + 6.49+  .  | 6.54
|                                                      +  ..  | 7.42+
|                                                        .   +   . | 7.68
|                                                          . | 8.34+ 8.84
|                                                            +   . + 9.4
|                                                              .   +
|                                                                . | 10.2
|                                                                  +
|                                                             -
|
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FY S H E A R F O R C E E N V E L O P E

MEMBER 1. ALL UNITS ARE - KIP FEET

LENGTH= 18.9 MAX(ABSOLUTE)= 10.4 AT 18.9 FROM START.FOR LOAD 135.

UPPER ENVELOPE FY VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

8.34	6.49	4.64	2.79	0.94	-0.01
-0.37	-0.72	-1.08	-1.43	-1.79	

CORRESPONDING LOAD NUMBERS

136.	136.	136.	136.	136.	131.
131.	131.	131.	131.	131.	

LOWER ENVELOPE FY VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

1.66	1.25	0.81	0.37	-0.08	-1.11
-2.96	-4.81	-6.66	-8.51	-10.35	

CORRESPONDING LOAD NUMBERS

121.	127.	127.	127.	127.	135.
135.	135.	135.	135.	135.	

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|                                                                                |
|                                                                                |
|                                                                   36.0         |
|                                                                 + 34.9         |
|                                                                 + 32.2         |
|                                                                /+ 31.3         |
|                                                               ./+ 28.1         |
|                                                               //+              |
|                                                              ///| 26.0        |
|                                                              // +              |
|                                                             ////| 22.4        |
|                                                            //// +             |
|      17.1                                                   /17.4|             |
|L133+ 15.6                                                  +/15.8|             |
|L136+\13.7                                                 /+/13.5| 14.2        |
|L135+\11.9                                                 /+/12.9+            |
|L126+\11.0                                                //+/11.2| 10.2        |
|L122+\\\                                                 ///+  .  +            |
|    |\\\\                                                ////| 7.43| 6.34     |
|    | 5.41                                               /// + 5.46+ 5.67       |
|L131+ 4.17  3.57                                       /3.26+ 3.10+            |
|L138+.935\+ 1.37                                      +/2.19+ 2.55|            |
|L128+.415\+\990E-4763                                /+.536 +     |            |
|L127+=====+ 1.6=+=====+=====+=====+=====+=====+=====+=====+                      |
|         +\\.\ | 4.31+-----+ 3.1 | 3.13+-3.74+ 4.56                            |
|           \\.\+ 4.67| 5.42+ 5.70+ 5.14+ 5.51+/6.18                             |
|             \\+ 7.34+ 6.63+ 6.70+ 6.52+ 7.6 +/7.17                             |
|              \+ 8.61+-9.14+ 8.46+ 8.39+ 9.8.+/8.33                              |
|               +.. . + 10.2+-11.4+ 11.3+ 10.7+                                  |
|                .... + 13.2+ 13.0+ 13.2+ 12.5                                   |
|                  .. + 13.9+-----+     + 14.3                                   |
|                   . + 16.6| 16.1| 15.8+ 16.2                                  |
|                     +  .  + 17.8+ 17.7+                                        |
|                        .  +-20.0+ 19.8                                         |
|                           +-----+                                              |
|                                                                                |
|                                                                                |
|                                                                                |
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MZ B E N D I N G M O M E N T E N V E L O P E

MEMBER 1. ALL UNITS ARE - KIP FEET

LENGTH= 18.9 MAX(ABSOLUTE)= 36.0 AT 18.9 FROM START.FOR LOAD 135.

UPPER ENVELOPE MZ VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

17.12	3.57	0.09	-1.56	-2.54	-2.85
-2.49	-1.36	3.85	18.19	36.03	

CORRESPONDING LOAD NUMBERS

133.	132.	131.	131.	131.	131.
131.	121.	135.	135.	135.	

LOWER ENVELOPE MZ VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

0.42	-2.37	-9.72	-16.59	-19.96	-19.83
-16.21	-9.14	-0.97	2.55	5.67	

CORRESPONDING LOAD NUMBERS

127.	127.	134.	134.	134.	134.
134.	136.	128.	128.	131.	

187. MSDR ENVELOPE FY MZ LIST 2

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|                                                                                |
|                                                                                |
|      10.2                                                                      |
|L135+                                                                           |
|    | 9.4                                                                       |
|L125+   .   8.34                                                                |
|    | 7.68+                                                                     |
|L136+   . | 7.42                                                                  |
|    | 6.54+ 6.72  6.49                                                          |
|L126+   . + 6.27+ 5.94                                                          |
|    |  .  + 5.35+ 5.80                                                          |
|    |     +  .. + 4.85  4.64                                                    |
|    |     |  .  + 4.17+ 4.18                                                    |
|    | 3.91|     +  .. +.3.44                                                    |
|L137+     | 3.24|  .  + 2.98  2.96                                             |
|    | 2.73+ 2.28| 2.58+ ... + 2.56                                              |
|L127+-1.89+     + 1.84| 1.91+ 1.79                                             |
|L131+ 1.61| 1.53+ 1.18+ 1.40+ 1.24  1.8                                         |
|L138+.422-+-----+     +.824 +.469 +.605                                        |
|L128+     |.415 |.409 +.402-+.396-+.114   753E-4     .369  .362  .356           |
|    +=====+=====+=====+=====+=====+=====+=====+=====+.259=+.493=+.726            |
|                                  . +.805-+     +.950-+-1.30+                   |
|                                   +...  | 1.77+ 1.44+ 1.41| 1.66               |
|                                     ... + 2.31+     + 2.10+                   |
|                                       . + 2.76| 2.96+     | 2.77               |
|                                         + ... + 3.79|     +                    |
|                                           . . + 3.93| 4.14|                    |
|                                             . + 4.61+ 4.59| 4.99               |
|                                               +  .. + 5.55+ 5.33               |
|                                                 .   +  .  + 6.1                |
|                                                   . | 6.46+ 6.46             |
|                                                     +   . + 7.18               |
|                                                       .   +                    |
|                                                         . | 8.31             |
|                                                           +                    |
|                                                                                |
|                                                                                |
|                                                                                |
```

FY S H E A R F O R C E E N V E L O P E

MEMBER 2. ALL UNITS ARE - KIP FEET

LENGTH= 18.9 MAX(ABSOLUTE)= 10.4 AT 0.0 FROM START.FOR LOAD 135.

UPPER ENVELOPE FY VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

10.35	8.51	6.66	4.81	2.96	1.11
0.38	0.38	0.37	0.36	0.36	

CORRESPONDING LOAD NUMBERS

135.	135.	135.	135.	135.	135.
128.	128.	128.	128.	128.	

LOWER ENVELOPE FY VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

0.42	0.42	0.41	0.40	0.37	0.01
-0.91	-2.76	-4.61	-6.46	-8.31	

CORRESPONDING LOAD NUMBERS

128.	128.	128.	128.	131.	131.
133.	133.	133.	133.	133.	

```
|                                                                                  |
|                                                                                  |
|      36.0                                                                        |
|L135+ 34.9                                                                        |
|L133+ 32.2                                                                        |
|L125+.31.3                                                                        |
|L136+..                                                                           |
|    |\26.6                                                                        |
|L126+ 25.7                                                                        |
|L132+\\.                                                                          |
|    |\22.4                                                                        |
|L122+ \\\.                                                                        |
|    |\ \\.  18.2                                                                  |
|    | \ \\+ 16.4                                                                  |
|    | 14.2+\15.8                                                                  |
|L137+   \\+\12.8                                                                  |
|    |.   \+\11.2                                                                  |
|    | 10.2+\\\                                                                    |
|L127+ 8.59| 7.43                                                                  |
|L138+ 6.34+ 5.46  5.52                                                            |
|L131+ 4.59+ 3.80+ 4.72                                                            |
|L128+--.--+ 3.10+\2.19  2.25                                                      |
|    |     +   . +.536-+ 1.44  1.50 .754   241E-4      940E+41.37+.415              |
|    +=====+=====+=====+=====+ 574E+4====+ 1.73+======+ 1.63+.922=+                |
|                \..\+ 2.42+-2.58+-3.13+ 3.1 +-2.22+-/.//+ 2.37| 2.77             |
|                 \. + 4.56+-3.74+-5.14+------+     |/4.67+------+                |
|                  \\+.6.18+------+ 7.1 | 5.70| 5.42+ 5.69                        |
|                   \+ 7.17| 7.31+     + 7.45+ 8.51+/7.34                          |
|                    +.. . + 9.8 | 9.96+ 10.4+ 9.14+                             |
|                     .\.. + 10.7+-11.3+ 11.4+ 11.2                                |
|                       .. + 12.5+ 13.2+ 13.0+ 13.2                                |
|                        .\+ 14.2+-15.8+     + 14.2                                |
|                          +  .  + 16.3| 16.1+                                    |
|                             .  + 17.7+ 17.7                                      |
|                                +------+                                          |
|                                                                                  |
|                                                                                  |
|                                                                                  |
```

MZ B E N D I N G M O M E N T E N V E L O P E

MEMBER 2. ALL UNITS ARE - KIP FEET

LENGTH= 18.9 MAX(ABSOLUTE)= 36.0 AT 0.0 FROM START.FOR LOAD 135.

UPPER ENVELOPE MZ VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

36.03	18.19	5.52	2.25	1.50	0.75
0.02	-0.69	0.09	3.57	17.12	

CORRESPONDING LOAD NUMBERS

135.	135.	134.	128.	128.	128.
128.	128.	131.	132.	133.	

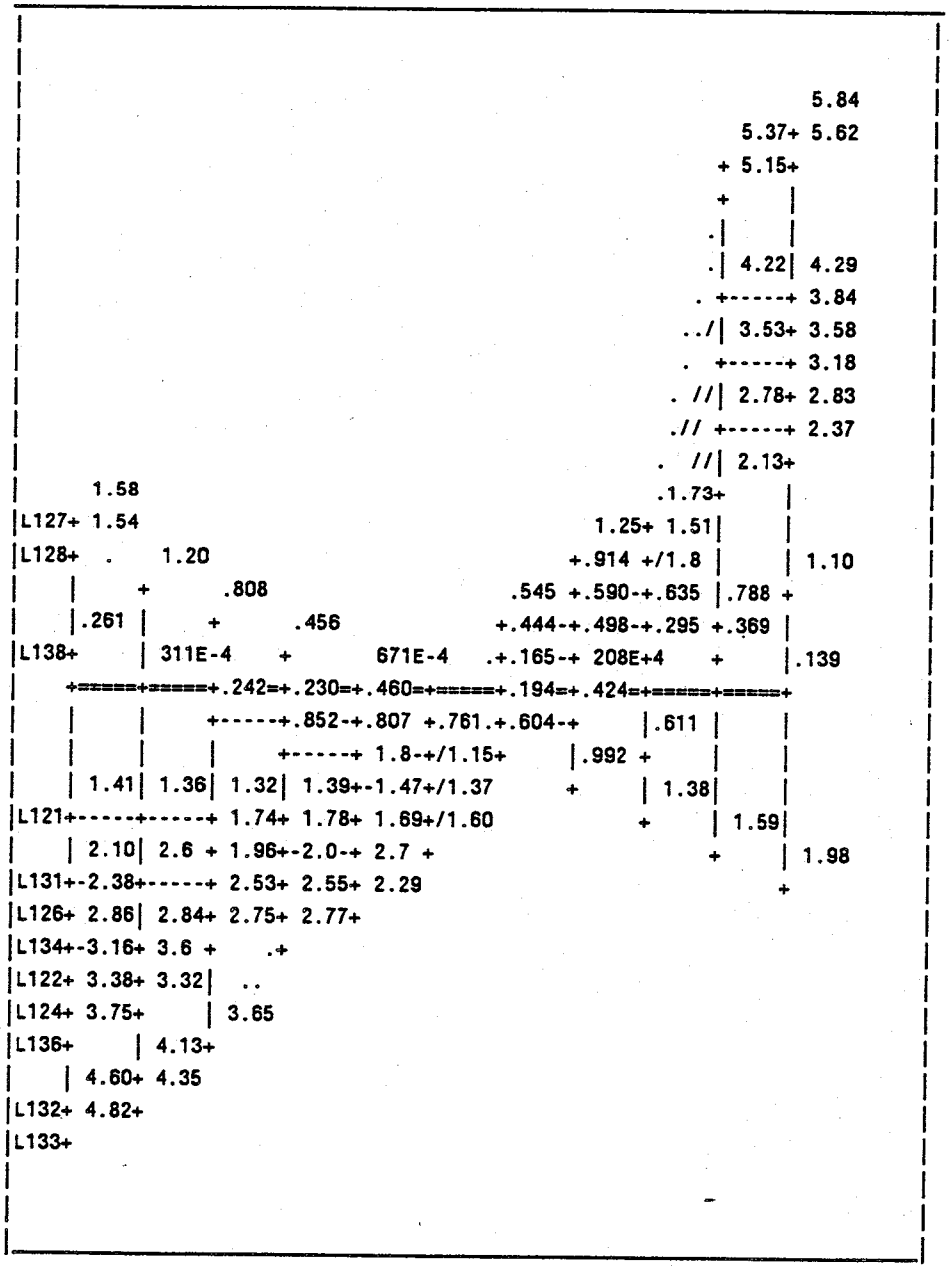
LOWER ENVELOPE MZ VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

4.59	2.62	0.25	-7.17	-14.33	-18.18
-18.53	-15.38	-8.73	-2.37	-2.77	

CORRESPONDING LOAD NUMBERS

128.	131.	131.	133.	135.	135.
135.	135.	135.	127.	128.	

188. MSDR ENVELOPE FY MZ LIST 3



FY S H E A R F O R C E E N V E L O P E

MEMBER 3. ALL UNITS ARE - KIP FEET

LENGTH= 11.3 MAX(ABSOLUTE)= 5.8 AT 11.3 FROM START.FOR LOAD 132.

UPPER ENVELOPE FY VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

1.58	1.20	0.81	0.46	0.07	-0.32
0.85	1.25	1.73	5.37	5.84	

CORRESPONDING LOAD NUMBERS

127.	127.	127.	127.	127.	127.
131.	132.	132.	132.	132.	

LOWER ENVELOPE FY VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

-4.82	-4.35	-3.87	-2.77	-2.29	-1.82
-0.65	-1.04	-1.42	-1.64	-2.02	

CORRESPONDING LOAD NUMBERS

133.	133.	133.	133.	133.	133.
128.	128.	128.	128.	128.	

```
 ______________________________________________________________________________
|                                                                              |
|                                                                              |
|                                  3.47                                        |
|                                + 2.85  2.95                                  |
|                            2.17+-1.82+      1.96            2.42              |
|                          +   . + 1.42| 1.49+ 1.49          +                 |
|                     .785 |.934 +-1.3-+.977 +.852  .888     . |               |
|                    + 265E+5   .+-----+     +.298 +.161  .400 |               |
|    +=====+=====+=====+=====+=====+=====+=====+=====+=====+=====+             |
|L127+.935 |      + 1.10|  .  +.900 + 1.35+ 1.1-+ 1.35+ 1.42| 1.29|           |
|L128+  .  | 1.99+      | 1.83+ 2.12+ 1.63+-----+ 2.17+\1.55+ 1.90| 1.58       |
|    |  .  + 2.61|     + 2.28+ 2.45+ 2.74| 2.45+ 2.25+\2.41+ 2.25+             |
|    | 3.41+ 3.8 | 3.12+ 3.34+ 2.90+-3.3-+-----+-----+ ... + 3.47|             |
|L137+ 3.93+ 3.58+-3.54+-3.84+ 4.7 + 3.99| 3.51        .\. +\3.91| 4.10       |
|L138+-4.17+-----+-4.59+-4.21+-4.39+ 4.27+              \\+ 4.40+             |
|L121+ 5.41|     +/5.14+-5.46+-----+                     \+.4.84| 5.7         |
|L131+     |    /+   ..+ 5.84                             +\\\  +             |
|    |      |   //| 6.75+ 6.33                            \\\\ | 6.40          |
|    |.     | / / +/7.18+                                 \\ \\+ 7.5           |
|    |      |/7.62+ 7.64                                  \  \+ 7.63           |
|    |      +  ///+ 8.61                                    \  +               |
|    |     /| 9.37+                                         \\ |               |
|    |    / +/10.0                                           \ |               |
|    | /  .+/10.5                                             \| 10.7          |
|    |/11.0+/11.4                                             \+ 10.9          |
|L122+ 11.9+/11.9                                               +             |
|L125+ 12.4+                                                                   |
|L126+ ////                                                                    |
|    |/13.7                                                                    |
|L123+/14.2                                                                    |
|L134+/15.1                                                                    |
|L135+/15.6                                                                    |
|L136+                                                                         |
|    |/17.1                                                                    |
|L133+                                                                         |
|                                                                              |
|                                                                              |
|______________________________________________________________________________|
```

MZ B E N D I N G M O M E N T E N V E L O P E

MEMBER 3. ALL UNITS ARE - KIP FEET

LENGTH= 11.3 MAX(ABSOLUTE)= 17.1 AT 0.0 FROM START.FOR LOAD 133.

UPPER ENVELOPE MZ VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

-0.42	-1.99	-0.83	0.78	2.17	3.47
2.95	1.96	0.89	0.40	2.42	

CORRESPONDING LOAD NUMBERS

127.	127.	131.	131.	131.	131.
131.	131.	131.	127.	127.	

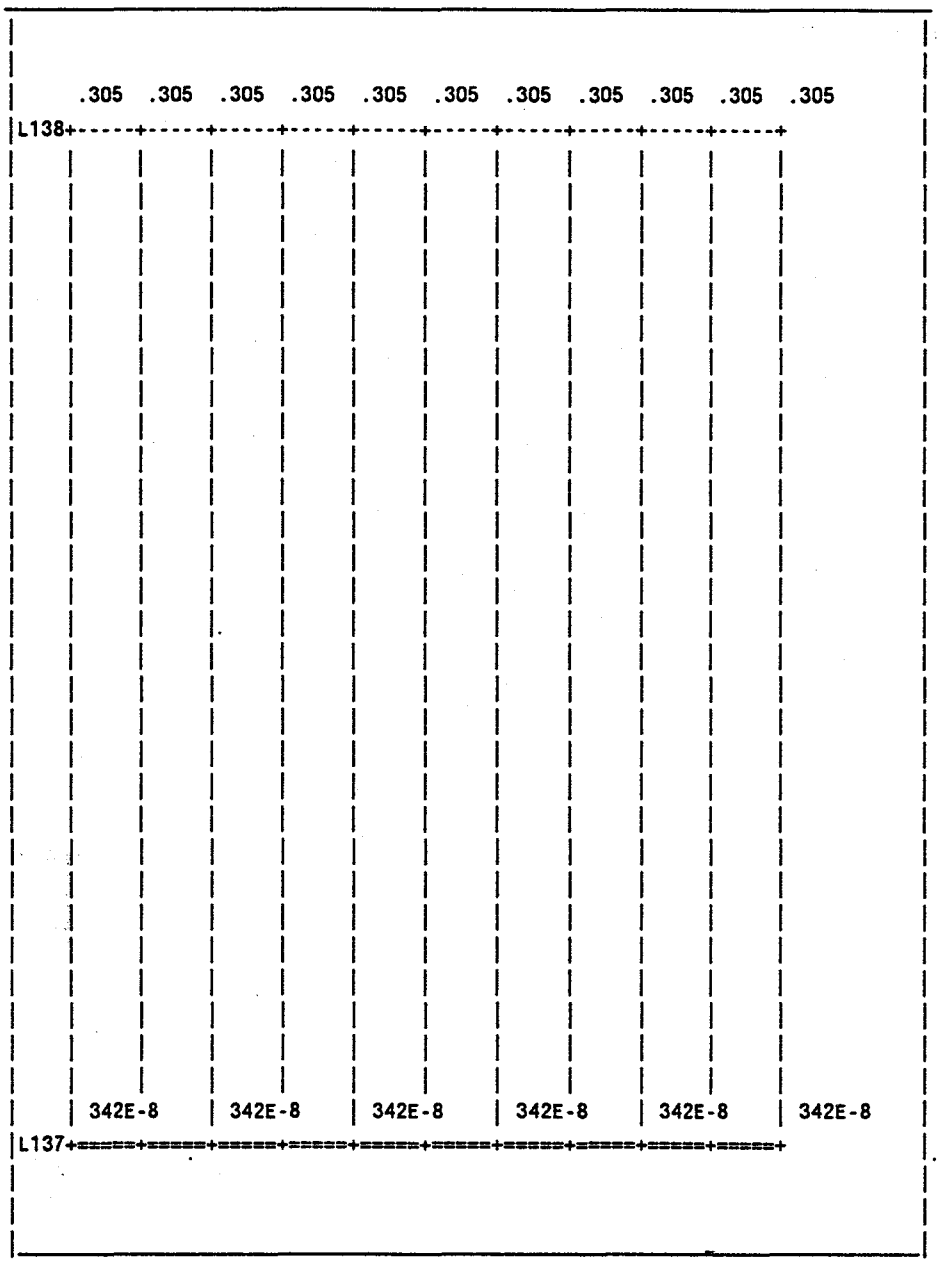
LOWER ENVELOPE MZ VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

-17.12	-11.95	-8.61	-6.33	-4.46	-4.27
-3.74	-2.79	-2.54	-4.84	-10.92	

CORRESPONDING LOAD NUMBERS

133.	133.	134.	134.	128.	128.
128.	128.	126.	133.	133.	

189. MSDR ENVELOPE FY MZ LIST 4



FY S H E A R F O R C E E N V E L O P E

MEMBER 4. ALL UNITS ARE - KIP FEET

LENGTH= 11.3 MAX(ABSOLUTE)= 0.3 AT 0.0 FROM START.FOR LOAD 134.

UPPER ENVELOPE FY VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

0.31	0.31	0.31	0.31	0.31	0.31
0.31	0.31	0.31	0.31	0.31	

CORRESPONDING LOAD NUMBERS

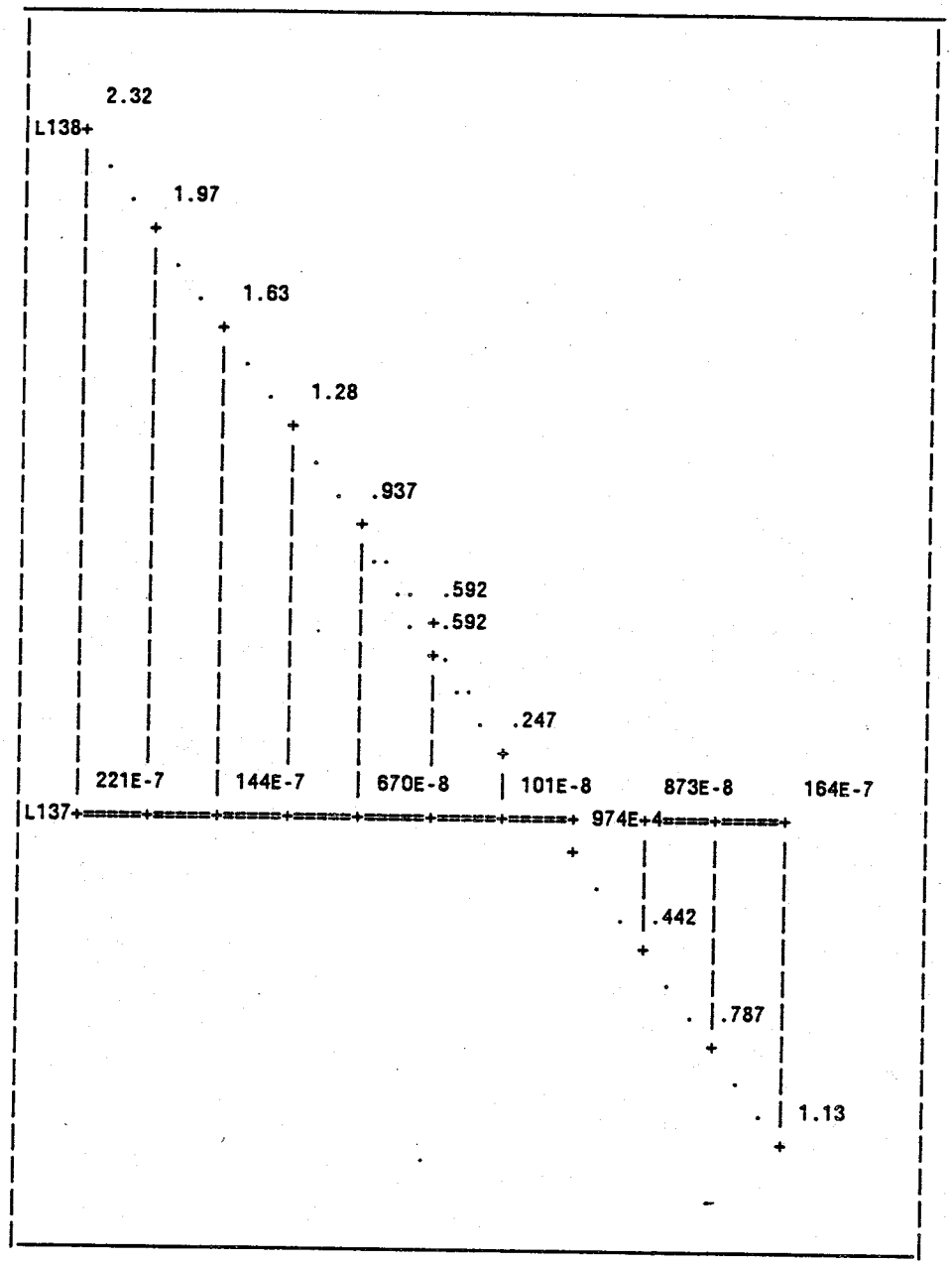
134.	134.	134.	134.	134.	134.
134.	134.	134.	134.	134.	

LOWER ENVELOPE FY VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	

CORRESPONDING LOAD NUMBERS

131.	131.	131.	131.	131.	131.
131.	131.	131.	131.	131.	



MZ B E N D I N G M O M E N T E N V E L O P E

MEMBER 4. ALL UNITS ARE - KIP FEET

LENGTH= 11.3 MAX(ABSOLUTE)= 2.3 AT 0.0 FROM START.FOR LOAD 134.

UPPER ENVELOPE MZ VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

2.32	1.97	1.63	1.28	0.94	0.59
0.25	0.00	0.00	0.00	0.00	

CORRESPONDING LOAD NUMBERS

134.	134.	134.	134.	136.	136.
136.	131.	131.	131.	131.	

LOWER ENVELOPE MZ VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

0.00	0.00	0.00	0.00	0.00	0.00
0.00	-0.10	-0.44	-0.79	-1.13	

CORRESPONDING LOAD NUMBERS

131.	131.	131.	131.	127.	127.
127.	126.	134.	134.	134.	

190. MSDR ENVELOPE FY MZ LIST 5

```
|                                                                                                                                  |
|                                                                                                                                  |
|      4.82                                                                                                                        |
|L133+ 4.60  4.35                                                                                                                  |
|L132+     + 4.13                                                                                                                  |
|    | 3.75+  .    3.65                                                                                                               |
|L135+ 3.38|     +                                                                                                                  |
|L136+ 3.16| 3.6 |..                                                                                                                 |
|L124+     + 2.84| 2.75  2.77                                                                                                       |
|    | 2.38+ 2.31+ 2.53+ 2.55  2.29                                                                                                  |
|L134+-2.11+ 2.6 + 1.96+ 2.0 + 2.7                                                                                   1.98         |
|L131+-----+-1.80+ 1.74+ 1.78+ 1.69  1.60                                                                  1.59+ 1.72            |
|    | 1.41+ 1.36+ 1.32+ 1.39+ 1.47+ 1.37                                                        1.38+ 1.33+                    |
|L121+-----+-----+     +-1.13+ 1.8 +\1.15                                  .992 + 1.12+     |                                |
|    |     |     |  .  +.852 +.807-+.761  .604 +.730 +.611 |     |                                |
|    |     |     |.199 +.187-+.417-+.497 +.337 +.381 +.349 |     |                                |
|    |     | 311E+4----+ 756E-4671E+4\.\ + 747E+4208E+4.   |     |.139                            |
|    +=====+.293=+=====+=====+=====+=====+=====+=====+=====+=====+.401                                                            |
|L137+.524 +     |.808 +.718 +        .\+.545 +.590 +.635 +.788 +                                                                |
|L138+     | 1.20+ 1.7 +                +-----+.914-+ 1.8 + 1.5 | 1.10                                                              |
|    |     + 1.46+                        .  + 1.25+\1.51+     + 1.37                                                              |
|    | 1.58+                                 +     +\1.73|     +                                                                  |
|L128+                                              +\\\\ |     |                                                                  |
|                                                    .\\\\| 2.44|                                                                  |
|                                                    .  \\+ 2.78| 2.83                                                             |
|                                                     .\\\+ 2.96+ 3.18                                                              |
|                                                     . \\+ 3.53+ 3.44                                                              |
|                                                      .  +     + 3.84                                                              |
|                                                      ..\| 4.22+ 4.29                                                              |
|                                                       . +-----+                                                                  |
|                                                        .|     |                                                                  |
|                                                        .| 5.15|                                                                  |
|                                                         + 5.37| 5.62                                                             |
|                                                         +     + 5.84                                                             |
|                                                               +                                                                  |
|                                                                .                                                                 |
|                                                                -                                                                 |
```

FY S H E A R F O R C E E N V E L O P E

MEMBER 5. ALL UNITS ARE - KIP FEET

LENGTH= 11.3 MAX(ABSOLUTE)= 5.8 AT 11.3 FROM START.FOR LOAD 132.

UPPER ENVELOPE FY VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

4.82	4.35	3.87	2.77	2.29	1.82
0.60	0.99	1.38	1.59	1.98	

CORRESPONDING LOAD NUMBERS

133.	133.	133.	133.	133.	133.
127.	127.	127.	127.	127.	

LOWER ENVELOPE FY VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

-1.85	-1.46	-1.07	-0.72	-0.33	0.06
-0.85	-1.25	-1.73	-5.37	-5.84	

CORRESPONDING LOAD NUMBERS

128.	128.	128.	128.	128.	128.
131.	132.	132.	132.	132.	

```
 ______________________________________________________________________________
|                                                                              |
|                                                                              |
|     17.1                                                                     |
|L133+                                                                         |
|    |\                                                                        |
|    | 15.1                                                                    |
|L135+ 14.5                                                                    |
|L132+\13.7                                                                    |
|L123+\\ \                                                                     |
|    |\\\                                                                      |
|    | 11.9  11.9                                                              |
|L136+ 11.0+ 11.1                                                   10.9      |
|L134+.10.5+\                                                     + 10.7      |
|L124+\\. \|\10.0                                                /+           |
|    |\\ . + 9.37                                                /|           |
|    | 8.69+ 8.20                                               / |           |
|L126+   \\+ 7.62  7.66                                        // | 7.63      |
|    | .  \+\7.15+ 7.22                                        /  + 7.5       |
|    |    . + 6.48+.6.75                                      /  /+           |
|    |      +\\ \ + 5.59                                   // //| 6.14      |
|    | 5.41| \ \\+ 5.14  5.46                               4.84+ 5.7       |
|L131+ 4.17|    \\+ 4.59+ 4.21                              +/4.40+           |
|L121+ .    | 3.58+\4.16+ 3.84  4.7   3.99  3.51          /+/3.91| 4.10      |
|    | 3.41+ 3.8 + 3.12+-3.17+ 2.90+-3.3-+                //+/3.47+           |
|L137+   . + 2.61+-.-.-+.2.28+     + 2.29| 2.45  2.25  2.41+/2.51|           |
|    |      +.1.99|    .\+ 1.91| 2.12+-----+ 2.10+ 1.91+ 1.59+/1.90| 1.58    |
|    |      +  .  | 1.10+ 1.5-+.900 | 1.33+ 1.4 + 1.14+/1.42+ 1.29+ 1.35    |
|    |.415 |.692 +.525-+..-.-+.448 +.395-+.202-+.634-+.739-+.769 +         |
|L138+-----+     +  .  | 263E+5 .  +.353-+.401-+.298-+.161-+.400 |         |
|    +=====+=====+=====+=====+=====+=====+=====+=====+=====+=====+         |
|    |      +         +     +  .. + 1.31+ 1.49+ 1.49+     + .   |         |
|    |   .               .  | 2.17+-1.82+     + 1.96        . . | 2.42    |
|    | 2.77                 +    . + 2.85| 2.95+               . + 2.64    |
|L128+                        .  +-3.47+                        +          |
|                                  +                                        |
|                                                                           |
|                                                                           |
|___________________________________________________________________________|
```

MZ B E N D I N G M O M E N T E N V E L O P E

MEMBER 5. ALL UNITS ARE - KIP FEET

LENGTH= 11.3 MAX(ABSOLUTE)= 17.1 AT 0.0 FROM START.FOR LOAD 133.

UPPER ENVELOPE MZ VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

```
     17.12       11.95       7.66        5.46        4.14        3.99
      3.51        2.61       2.41        4.84       10.92
```

CORRESPONDING LOAD NUMBERS

```
      133.        133.       135.        125.        127.        127.
      127.        127.       125.        133.        133.
```

LOWER ENVELOPE MZ VALUES AT CONSECUTIVE SECTIONS FROM START TO END:

```
     -2.77       -0.90       0.53       -0.78       -2.17       -3.47
     -2.95       -1.96      -0.89       -0.92       -2.64
```

CORRESPONDING LOAD NUMBERS

```
      128.        128.       128.        131.        131.        131.
      131.        131.       131.        128.        128.
```

```
191.      PLOT DIS FIL
192.      FINISH


*************** END OF STAAD-III ***************

****** DATE= JUL 22,1994   TIME= 14:40:16 ******


*****************************************************************
*          FOR QUESTIONS ON STAAD-III/ISDS, CONTACT:            *
*          RESEARCH ENGINEERS, INC AT (609) 983-5050            *
*          TELEX:  4994385      FAX:  (609) 983-3825            *
*****************************************************************
```