Sht #4 (15)

JUL 26 1998

ENGINEERING DATA TRANSMITTAL

Page 1 of 1

1. EDT 622221

2. To: (Receiving Organization) Distribution	3. From: (Originating Organization) TWRS Projects/SST Retrieval	4. Related EDT No.: n/a
5. Proj./Prog./Dept./Div.: W-320 TWRS/TCPN # ~~D2MA1~~ D2991	6. Design Authority/ Design Agent/Cog. Engr.: JW Bailey, NHC	7. Purchase Order No.: n/a
8. Originator Remarks: For approval and release of a new supporting document. This document has been generated to ensure retrievability of the Project W-320 "Civil/Structural Calculations, Vol. 3".		9. Equip./Component No.: n/a
		10. System/Bldg./Facility: 241-C-106
11. Receiver Remarks: 11A. Design Baseline Document? [X] Yes [] No		12. Major Assm. Dwg. No.: n/a
		13. Permit/Permit Application No.: n/a
		14. Required Response Date:

15. DATA TRANSMITTED

(A) Item No.	(B) Document/Drawing No.	(C) Sheet No.	(D) Rev. No.	(E) Title or Description of Data Transmitted	(F) Approval Designator	(G) Reason for Transmittal	(H) Originator Disposition	(I) Receiver Disposition
1	HNF-2463	-	0	Project W-320, 241-C-106 Sluicing, Civil/Structural Calculations, Vol. 3	NA			-

16. KEY

Approval Designator (F)	Reason for Transmittal (G)	Disposition (H) & (I)
E, S, Q, D or N/A (see WHC-CM-3-5, Sec.12.7)	1. Approval 2. Release 3. Information 4. Review 5. Post-Review 6. Dist. (Receipt Acknow. Required)	1. Approved 2. Approved w/comment 3. Disapproved w/comment 4. Reviewed no/comment 5. Reviewed w/comment 6. Receipt acknowledged

17. SIGNATURE/DISTRIBUTION
(See Approval Designator for required signatures)

(G) Reason	(H) Disp.	(J) Name	(K) Signature	(L) Date	(M) MSIN	(G) Reason	(H) Disp.	(J) Name	(K) Signature	(L) Date	(M) MSIN
2	1	Design Authority	JW Bailey	7/20/98	S2-48						
		Design Agent									
2	1	Cog.Eng.	~~CE Groves~~ MC Davenport	7/19/98	S2-48						
2	1	Cog. Mgr	JW Bailey	7/20/98	S2-48						
		QA									
		Safety									
		Env.									

18. MC Davenport ~~C.E. Groves~~ ~~8/24/98~~
Signature of EDT Originator — Date 7/19/98

19. Authorized Representative for Receiving Organization — Date

20. JW Bailey ~~8/24/98~~ 7/20/98
Design Authority/ Cognizant Manager — Date

21. DOE APPROVAL (if required) Ctrl. No.
[] Approved
[] Approved w/comments
[] Disapproved w/comments

BD-7400-172-2 (05/96) GEF097

BD-7400-172-1

Project W-320, 241-C-106 Sluicing Civil/Structural Calculations, Vol. 3

John W. Bailey
Numatec Hanford Co., Richland, WA 99352
U.S. Department of Energy Contract DE-AC09-96RL13200

EDT/ECN: 622221 UC: 506
Org Code: 8C452 Charge Code: D2991/HANA0600
B&R Code: EW3130010 Total Pages: 466

Key Words: W-320, Sluicing, Tank 241-C-106, Tank 241-AY-102, WRSS, calculations, civil/structural.

Abstract: This supporting document has been prepared to make the FDNW calculations for Project W-320, readily retrievable.

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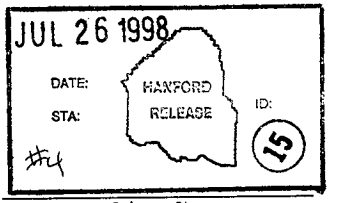


Release Stamp

Release Approval 7/24/98 Date

Approved for Public Release

Project W-320, 241-C-106 Sluicing Civil/Structural Calculations, Vol. 3

TABLE OF CONTENTS

Calc. No.	Title
W320-24-003	Flexible Receiver Suppt. & Shielded Work Platform Pump Pit 241-CR-06A

ICF Kaiser Hanford Company

INTEROFFICE MEMORANDUM

TO R. W. Davidson

DATE May 23, 1994

FROM J. L. Hopkins

COPIES TO D. L. Evans
M. B. Lasota
M. S. Ruben

JOB NO. W-320

SUBJECT INDEPENDENT SEISMIC REVIEW - PROJECT W-320 EQUIPMENT REMOVAL SYSTEM, FLEXIBLE RECEIVER SUPPORT AND SHIELDED WORK PLATFORM.

Input design documents:

(1) FDC WHC-SD-W320-FDC-001 Rev 1, For Tank 241-C-106 Waste Retrieval.

(2) LOI 9360642 Rev 2 - Project W-320 - Equipment Removal System, Flexible Receiver Weight and Center of Gravity.

(3) SDC-4.1 Rev 12, Design Loads For Facilities.

(4) LOI KGS-94-013 - 3/1 Analysis Requirements For Project W-320 Equipment Removal System.

Output design documents:

(1) Calc. No. W-320-24-003 - Flexible Receiver Support and Shielded Work Platform.

(2) Drawings H-2-820728-1&-2, H-2-820733-1&-2, H-2-820736-1&-2.

A review of the noted output design documents for compliance with the input design documents was completed on May 20, 1994, relative to the seismic design requirements. The output design documents were correct and no changes have to be made as a result of the review.

JLH:kkf

ICF Kaiser Hanford Company

INTEROFFICE MEMORANDUM

TO F.W. Bradshaw

DATE 10-31-94

FROM R.W. Davidson

COPIES TO M.W. Manderbach
D.L. Evans

JOB NO. ER6160

SUBJECT DOE-RL AUDIT, #90-02

The Equipment Removal System (ERS) has been identified by WHC as not having any safety class 1 items present in the tank pits during equipment removal activities.

Documentation of this finding is provided in Letter of Instruction - 3/1 Analysis Requirements for Project W-320 Equipment Removal System (REF: LOI KGS-94-013). Based on this specific direction from WHC, no 3 over 1 analysis for any component of the Project W-320 ERS is required.

No further documentation of non-safety impacting safety items is required per DOE-RL Audit finding #90-02, and filing of this memorandum in the W-320 project files satisfies the intent of the referenced DOE observation.

KAISER ENGINEERS HANFORD	CALCULATION IDENTIFICATION AND INDEX	Page i of iv Date 5/18/94

This sheet shows the status and description of the attached Design Analysis sheets.

Discipline Structural WO/Job No. CR 1257 Calculation No. W320-24-003

Project No. & Name W320 Equipment Removal System

Calculation Item Flexible Receiver Suppt & Shielded Work Platform - Pump Pit 241-CR-06A

These calculations apply to:

Dwg. No. H-2-820728 shts 1 & 2; H-2-820733 shts 1 & 2 Rev. No. 0/0/0/0

Dwg. No. H-2-820736 shts 1 & 2 Rev. No. 0/0

Other (Study, CDR) N/A Rev. No. N/A

The status of these calculations is:

[ ] Preliminary Calculations

[X] Final Calculations REV 1: Added Shts 58a,b & Attachment 10. Replaced Sht 59.

[ ] Check Calculations (On Calculation Dated)

[ ] Void Calculation (Reason Voided)

Incorporated in Final Drawings? [X] Yes [ ] No

This calculation verified by independent "check" calculations? [X] Yes [X] No
App. #7

Original and Revised Calculation Approvals:

	Rev. 0 Signature/Date	Rev. 1 Signature/Date	Rev. 2 Signature/Date
Originator	Michael B. Lasota & George J. Zyn 5-18-94	MICHAEL B. LASOTA 9/30/94	
Checked by	George J. Zyn & Michael B. Lasota 5/18/94	R.W. Davidson 9/30/94	
Approved by	R.W. Davidson 5/20/94	R.W. Davidson 9/30/94	
Checked Against Approved Vendor Data		Ann Langevin 9/7/94	

Design Analysis Page No.	
1	Objectives
1	Criteria and assumptions
2	Computer Analysis - descri
3	References
4- 58,a,b	Calculations
59	Conclusions
N/A	Attachment 1 - Flexible Receiver weight and Center of Gravity location.
N/A	Attachment 2 - Modal analysis - computer printout.
N/A	Attachment 3 - Static Analysis - load case 1 - computer printout.
N/A	Attachment 4 - Static Analysis - load case 2 - computer printout.
N/A	Attachment 5 - Static Analysis - load case 3 - computer printout.
N/A	Attachment 6 - Static Analysis - UBC seismic at Cold Test Facility.

RONALD W. DAVIDSON STATE OF WASHINGTON 24180 REGISTERED PROFESSIONAL ENGINEER EXPIRES 03-13-95

RONALD W. DAVIDSON STATE OF WASHINGTON 24180 REGISTERED PROFESSIONAL ENGINEER EXPIRES 3/13/95

5/20/94

Discipline Structural WO/Job No. CR 1257 Calculation No. W320-24-003

	Rev. 0 Signature/Date	Rev. 1 Signature/Date	Rev. 2 Signature/Date
Originator	Michael B. Lasota /G.J. ZYN 5/18/94	MICHAEL B. LASOTA 9/30/94	
Checked by	George J. Zyn / M.B. LASOTA 5/18/94	R.W. Dodson 9/30/94	

INDEX

Design Analysis Page No.	Description
N/A	Attachment 6 - Static Analysis - UBC seismic at Cold Test Facility.
N/A	Attachment 7 - Evaluation of the stress in the flange due to bolt tension.
N/A	Attachment 8 - Structural integrity of the Pump Pit Wall.
N/A	Attachment 9 - Telecon "Lifting plates"
N/A	Attachment 10 - Static Analysis - Bolt forces

CALCULATION CROSS INDEX (Typical)

Subject Calculation No. W320-24-003

Page CCC of CV

Subject Calculation Revision No.	Superceded by Calculation No.	These interfacing calculation/documents provide input to the subject calculation, and if revised may require revision of the subject calculation.		Results and conclusions of the subject calculation are used in these interfacing calculations and/or documents.		Does the output interface calculation/ documents require revision?		Has the output interface calculation/ documents been revised?		Discipline manager's signature and date indicating evaluation complete.
		Calculation/Document No.	Revision No.	Calculation/Document No.	Revision No.	Yes	No	Yes	No	
R0	N/A	W320-33-003	0	W320-33-003	0		✓		✓	5/20/94
		H-2-820734 SH1	0	H-2-820728 SH #2	0		✓		✓	
		H-2-41443	2	H-2-87733 SH #2	0		✓		✓	
		H-2-820728 SH #2	0	H-2-820736 SH #2	0		✓		✓	
		H-2-820729	0							

DESIGN VERIFICATION SCREENING CRITERIA

Project/Document No. W320-24-003

When the design or design change affects hardware, formal design verification must be performed if one or more of the following questions must be answered affirmatively (YES).

YES	NO	
	X	1. Does the design or design change involved meet the established criteria to be considered Safety Class 1 or 2?
	X	2. Does this design or design change cause or permit changes to Safety Class 1 or 2 instrument or alarm setpoints outside of previously approved operational limits?
	X	3. Does this design or design change significantly affect the nuclear safety consequences of a malfunction or failure of the structure, system, or component?
	X	4. Does this design or design change involve or change design that has previously undergone formal design verification?

[signature] 5/20/94
Assigned Lead Engineer — Date

[signature] 5/20/94
Responsible Discipline Manager — Date

Original Design Package Distribution:

- Project Manager
- Design Verification Officer
- Engineering Document Control

Design Change Distribution:

- Attach to Engineering Change Notice

KEH-1981.00 (06/91)

DESIGN ANALYSIS

Client WHC
WO/Job No. CR 1257

Subject Flexible Receiver Support - design and analysis.
Date 5/18/94 By M. B. Lasota
Checked 5/18/94 By George J. Zyh

Location 241-CR-06A - Pump Pit
Revised N/A By N/A

1. OBJECTIVES

The purpose of this calculations is to demonstrate that the design of the Shielded Work Platform and the Flexible Receiver Support is adequate to survive postulated earthquake when installed on the top of 241-CR-06A Pump Pit without any adverse effect on the Pit and the Equipment housed within the Pit. The evaluation will extend to temporary installation of Flexible Receiver Support on top of Cold Test Facility pit.

2. CRITERIA AND ASSUMPTIONS

DESIGN CRITERIA

The criteria for design of the flexible receiver support is outlined in the SDC 4.1 rev. 12. According to LOI 9360642 rev. 2, the functional classification of the flexible receiver is SC 3, however, the functional classification of the equipment located directly below the flexible receiver is SC 1, hence 3 over 1 classification for flexible receiver and its support is in order.

The consequence of this classification is, that the subject hardware must be capable to withstand the magnitude of the earthquake postulated for SC 1 structures, but fabrication and Quality Control can remain at SC 3 level.

The review of the drawing H-2-41190 indicate that the crown of the pump pit is located only 1'-0" above the grade elevation. In this case installation of expansion anchors would likely require some excavation. The soil around the pit is suspect (may be contaminated), thus the cost of excavation may unnecessarily escalate the project cost. In addition the installation time of expansion anchors is significantly longer than assembling prefabricated bolted steel elements.

Considering the preceding limitations, horizontal restraints of the support will be capable to resist only the force resulting in compression on the pump pit wall and therefore will always appear in pairs to accommodate reversible nature of the seismic loading.

ASSUMPTIONS

1. Determination of the location of the center of gravity of the flexible receiver is based on the data transmitted by Client included in attachment 1.
2. The friction between the steel frame and the top of the pit's concrete wall during seismic event is neglected.
3. Due to relatively small overall dimensions of the pit, and a thick (18") reinforced concrete walls, rigid response of the pit is assumed. As a consequence the ground acceleration is used as a seismic input.

DESIGN ANALYSIS

Client WHC
WO/Job No. CR 1257

Subject Flexible Receiver Support - design and analysis.
Date 5/18/94 By M. B. Lasota
Checked 5/18/94 By George J. Zyla

Location 241-CR-06A - Pump Pit
Revised N/A By N/A

3. COMPUTER ANALYSIS.

Computer software used for the analyses of the Spool Piece a support for Flexible Receiver along with Shielded Work Platform is: Revision 2 of the Interactive Microcomputer Analysis of General Elastic Structures - IMAGES - by Celestial Software. Due to the nature of the problem some limitations of the IMAGES - namely restriction on use of the nonlinear spring element to the static analysis - will dictate the use of pseudo dynamic analysis. The analysis of the structure will consist of four runs. The math model for each run will be essentially the same but the boundary conditions (restraints) will vary with varying load. The following is the description of the four runs - load and restraints. The Dead Weight of the radiation shielding is represented by modified density of the 1 1/2 inch steel plate.

a. Model 1. - modal analysis. Due to reversible nature of the dynamic load, modeling a lateral restraints at each of the vertical member ends would be inappropriate and would result in the higher stiffness of the structure. In this case the lateral restraints are modeled as linear (in reality they resist only compression) but only at one side of each of two parallel sides of the structure. The error resulting from this type of modeling should be insignificant since connections at either side of the structure are identical and thus their elastic properties are also the same. As a result of the preceding discussion one can conclude that obtained frequency is reasonably accurate.

b. Model 2. - static analysis. The load is acting in +x,-y,+z direction. Load combination is DWT+Live+Seis. Lateral restraints are modeled at the vertical members where compression on the concrete pit wall would result (this will later be verified in the output). The vertical restraints are modeled along the perimeter of the pit as nonlinear springs.

c. Model 3. - static analysis. The load is acting in -x,-y,-z direction. Load combination is DWT+Live+Seis. Lateral restraints are modeled at the vertical members where compression on the concrete pit wall would result (this will later be verified in the output). The vertical restraints are modeled along the perimeter of the pit as nonlinear springs.

d. Model 4. - static analysis. The load is acting in +x,-y,+z direction. Load combination is DWT+Seis where vertical seismic is directed opposite to the gravity. Lateral restraints are modeled at the vertical members where compression on the concrete pit wall would result (this will later be verified in the output). The vertical restraints are modeled along the perimeter of the pit as nonlinear springs.

Model 2,3 & 4 Seismic load is based on the class 1 response spectrum from SDC 4.1 Rev 12 (using damping equal to 5% of the critical), based on the natural frequency of the structure and corrected by multi mode participation factor of 1.5 (ref. 2 NUREG 800). Vertical acceleration used is 2/3 of the horizontal. Live load is 60 psf - ref. 4, Table 2, page 4.

4. REFERENCES

1. "Manual of Steel Construction - Allowable Stress Design" Ninth Edition, AISC 1989.
2. US NRC "Nureg 800".
3. SDC 4.1 Rev. 12.
4. "Minimum Design Loads for Buildings and Other Structures" ASCE 7-88
5. ACI SP-17(91), "ACI Design Handbook", Vol. 1.
6. ACI 318-89
7. "Seismic Analysis of Safety Related Nuclear Structures" ASCE, Sept. 1986.
8. "Moment and Reactions for Rectangular Plates", W. T. Moody Bureau of Reclamation, US DOI.
9. "Foundation Engineering Handbook" 2nd Edition Hsai-Yang Fang.
10. ACI 340.1R-84 Vol. 1.

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis
Location: 241-CR-06A (Pump Pit)

WO/Job No. CR 1257
Date 5/18/94 By Michael B. Lasota
Checked 5/18/94 By George T. Lynch
Revised By

The following calculations will help to determine response spectra for Non - Reactor Safety class I structures at any magnitude of natural frequency of the analysed structure (ref . SDC 4.1 rev. 12).

The RS curve from figure 3 consist of five straight line segments. On the semilog graph the segments will remain as straight lines. The controll points of the RS curve for damping equal to 5% of critical are as follows: f=33 Hz - g(33)=0.2; f=8 Hz - g(8)=0.41; f=1.6 Hz - g(1.6)=0.41; f=0.26 Hz - g(0.26)=0.07; f=0.1 Hz - g(0.1)=0.01

$f_1 := 0.10, 0.11 .. 0.26$

$g_1(f_1) := .1546 + .1446 \cdot \log(f_1)$

$f_2 := 0.26, 0.27 .. 1.6$

$g_2(f_2) := .3221 + .4308 \cdot \log(f_2)$

$f_3 := 1.6, 1.7 .. 8.0$

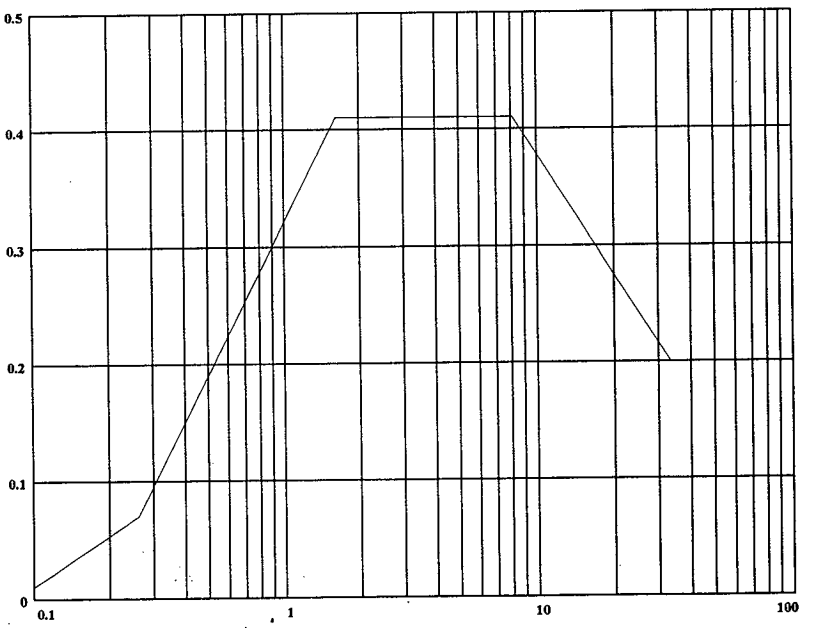
$g_3(f_3) := .4100$

$f_4 := 8, 9 .. 33$

$g_4(f_4) := .7182 - .3412 \cdot \log(f_4)$

$f_5 := 33, 34 .. 50$

$g_5(f_5) := 0.2$



$f_4 := 8.28$ $g_4(f_4) = 0.405$ $f_4 := 15.52$ $g_4(f_4) = 0.31$

Client: WHC
Subject: Flexible Receiver Support - design and analysis.
Location: 241-CR-06A (Pump Pit)

WO/Job No.: CR 1257
Date 5/18/94 By: Michael B. Lasota
Checked 5/18/94 By George T. Lyon
Revised By

Determine the equivalent density of the 1 1/2 in. plate including the weight of the lead shielding.

Since lead does not offer any strength as compared to the steel, the plate property - that is its thickness - will remain constant. Also the elastic properties of the steel plate will remain unchanged.

1/ Determine required thickness of the steel to reduce exposure from 500 mR/Hr to desirable 10 mR/Hr. From the table provided in Appendix 1:

For 10 mR/Hr - Steel thickness required is :

$t_r := 3.0833 \cdot in$

Provided steel plate thickness is:

$t_{pl} := 1.5 \cdot in$

The balance of the thickness is:

$\Delta_t := t_r - t_{pl}$ $\Delta_t = 1.58 \cdot in$

2/ Determine the thickness of comercial lead sheets to provide an equivalent shielding properties of balance of the thickness of the steel plate.

The shielding property of the metals is proportional to their density.

$\gamma_{Pb} := 710 \cdot \frac{lb}{ft^3}$ $\gamma_{st} := 490 \cdot \frac{lb}{ft^3}$

Required thickness of the lead is:

$t_{Pb} := \Delta_t \cdot \frac{\gamma_{st}}{\gamma_{Pb}}$ $t_{Pb} = 1.09 \cdot in$

The aproximation of t_{Pb} in the equivalent blankets is two layers of 3/4 in thick bankets and two layers of 1/2 in thick blankets.

$t_{eq} := 2 \cdot \frac{3}{8} \cdot in + 2 \cdot \frac{1}{4} \cdot in$ $t_{eq} = 1.25 \cdot in$ $t_{eq} \geq t_{Pb}$ ok

$w_{bl} := 2 \cdot 25 \cdot \frac{lb}{ft^2} + 2 \cdot 20 \cdot \frac{lb}{ft^2}$ $w_{bl} = 90.00 \cdot \frac{lb}{ft^2}$ $w_{1.5} := \gamma_{st} \cdot t_{pl}$ $w_{1.5} = 61.25 \cdot \frac{lb}{ft^2}$

Total weight per square foot of the steel plate and required lead blanket is:

$w := w_{bl} + w_{1.5}$ $w = 151.25 \cdot \frac{lb}{ft^2}$

And finally, the equivalent density of 1 1/2 in thick plate is:

$\gamma_{eq} := \frac{w}{t_{pl}}$ $\gamma_{eq} = 0.7002 \cdot \frac{lb}{in^3}$

DESIGN ANALYSIS

Client: WHC
Subject: Flexible Receiver Support - design and analysis.
Location: 241-CR-06A (Pump Pit)

WO/Job No.: CR 1257
Date 5/18/94 By: Michael B. Lasota
Checked 5/18/94 By George T. Lyon
Revised By

Find the location of the center of gravity of the flexible receiver assembly with respect to the origin of the math model's global coordinate system.

Calculate location of C.G. along x axis - Xo

$x_0 := 91 \cdot in$

$M_z := -290 \cdot lbf \cdot x_0 - 1135 \cdot lbf \cdot x_0 - 1147 \cdot lbf \cdot x_0 - 3 \cdot 325 \cdot lbf \cdot x_0 - 3 \cdot 20 \cdot lbf \cdot x_0 - 900 \cdot lbf \cdot x_0$

$M_z = -4.1014 \cdot 10^5 \cdot lbf \cdot in$

$W := -290 \cdot lbf - 1135 \cdot lbf - 1147 \cdot lbf - 3 \cdot 325 \cdot lbf - 3 \cdot 20 \cdot lbf - 900 \cdot lbf \quad W = -4.51 \cdot 10^3 \cdot lbf$

$X_o := \frac{M_z}{W} \qquad X_o = 91.00 \cdot in$

Calculate location of C.G. along y axis - Yo

$y_c := \left(\frac{1.5}{2}\right) \cdot in + 20.5 \cdot in + 0.125 \cdot in \qquad y_c = 21.38 \cdot in$

$M_{zy1} := 290 \cdot lbf \cdot (y_c + 36 \cdot in) + 1135 \cdot lbf \cdot y_c + 900 \cdot lbf \cdot (y_c + 18 \cdot in) + 3 \cdot 325 \cdot lbf \cdot (y_c - 11 \cdot in)$

$M_{zy2} := 1147 \cdot lbf \cdot (y_c - 10 \cdot in) + 3 \cdot 20 \cdot lbf \cdot (y_c - 10 \cdot in) \qquad M_{zy} := M_{zy1} + M_{zy2}$

$M_{zy} = 1.00 \cdot 10^5 \cdot lbf \cdot in \qquad Y_o := \frac{M_{zy}}{-W} \qquad Y_o = 22.23 \cdot in$

Use Y_0 = 22.5 in.

Calculate location of C.G. along z axis - Zo

$z_0 := 108 \cdot in$

$M_x := 290 \cdot lbf \cdot z_0 + 1135 \cdot lbf \cdot z_0 + 900 \cdot lbf \cdot (z_0 - 52 \cdot in) + 3 \cdot 325 \cdot lbf \cdot z_0 + 3 \cdot 20 \cdot lbf \cdot z_0 + 1147 \cdot lbf \cdot z_0$

$M_x = 4.40 \cdot 10^5 \cdot lbf \cdot in$

$Z_o := \frac{M_x}{-W} \qquad Z_o = 97.62 \cdot in$

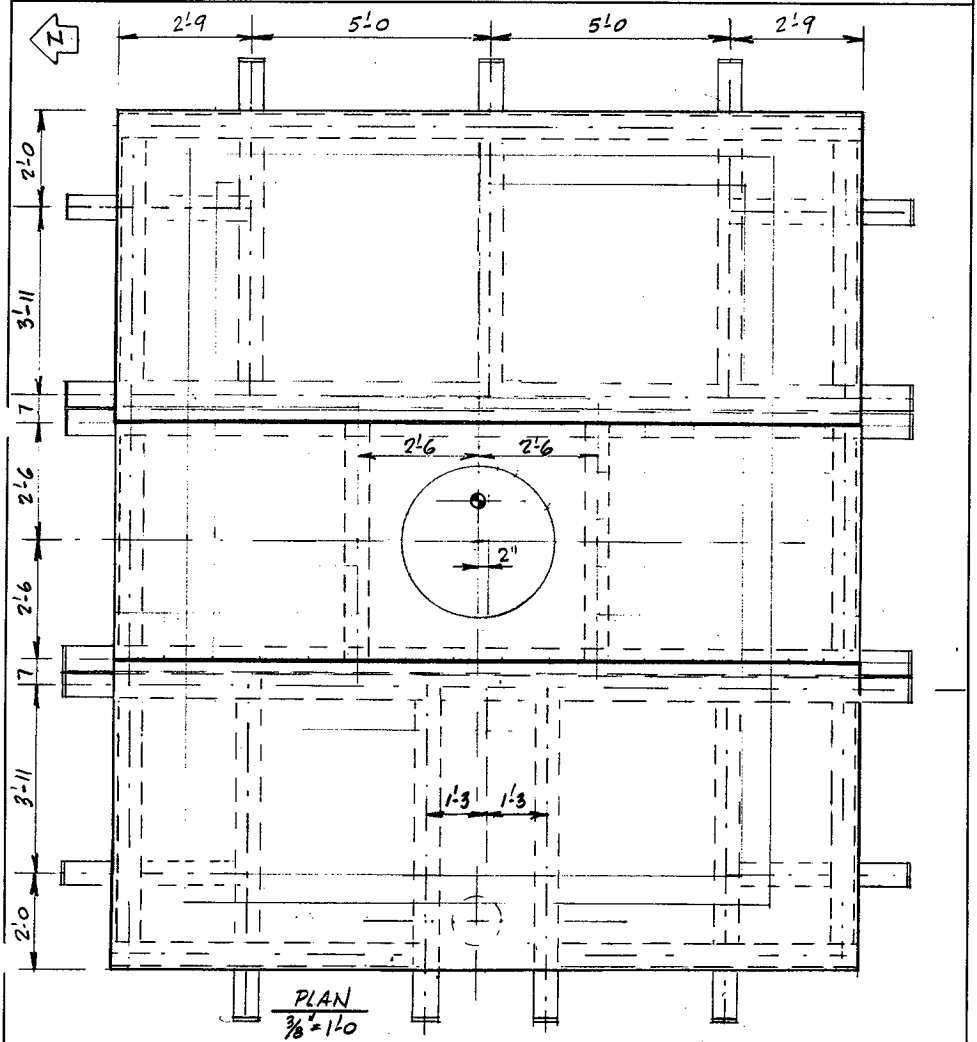
DESIGN ANALYSIS

Client WHC

Subject Flexible Receiver Support - design and analysis.

Location 241-CR-06A

WO/Job No. CR 1257
Date 5/18/94 By M. B. Lasota
Checked 5/18/94 By George J. Bazan
Revised N/A By N/A



DESIGN ANALYSIS

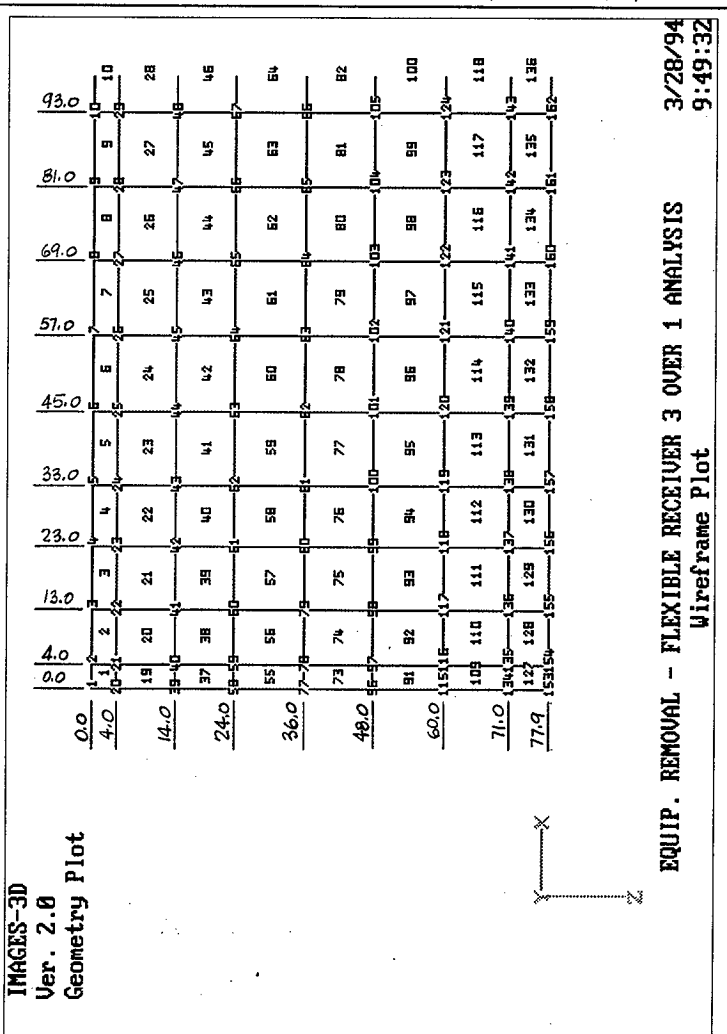
Client WHC

Subject Flexible Receiver Support - design and analysis.

Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94
Checked 5/18/94
Revised N/A

By M. B. Lasota
By George T. Dyer
By N/A

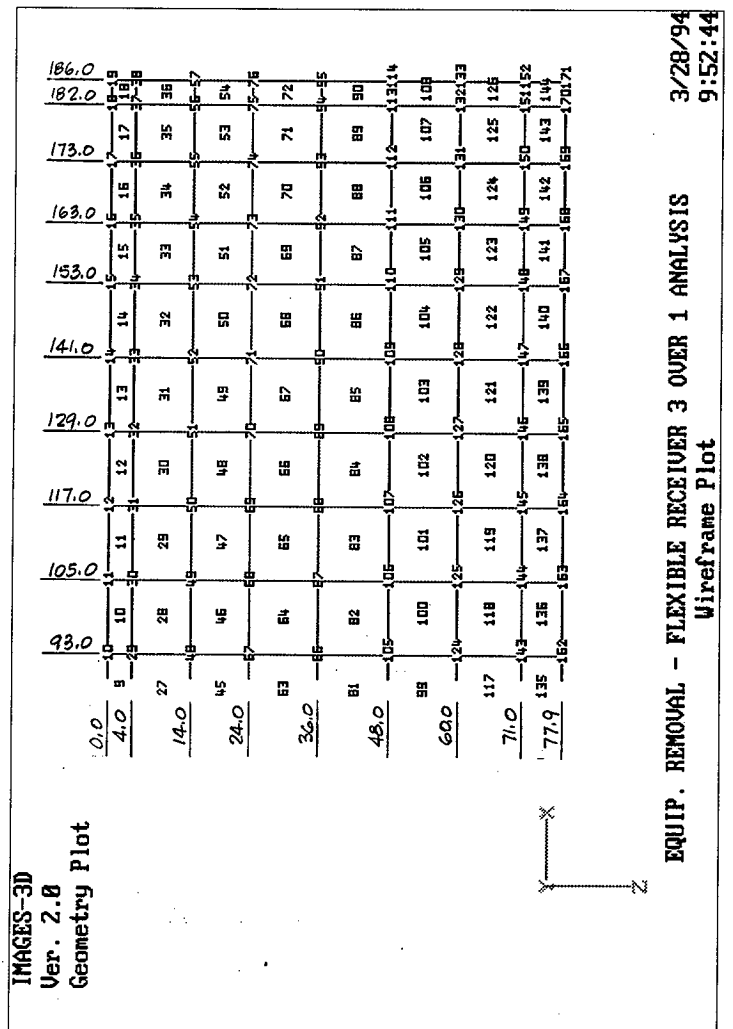


DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94
Checked 5/18/94
Revised N/A

By M. B. Lasota
By George T. Zyl
By N/A



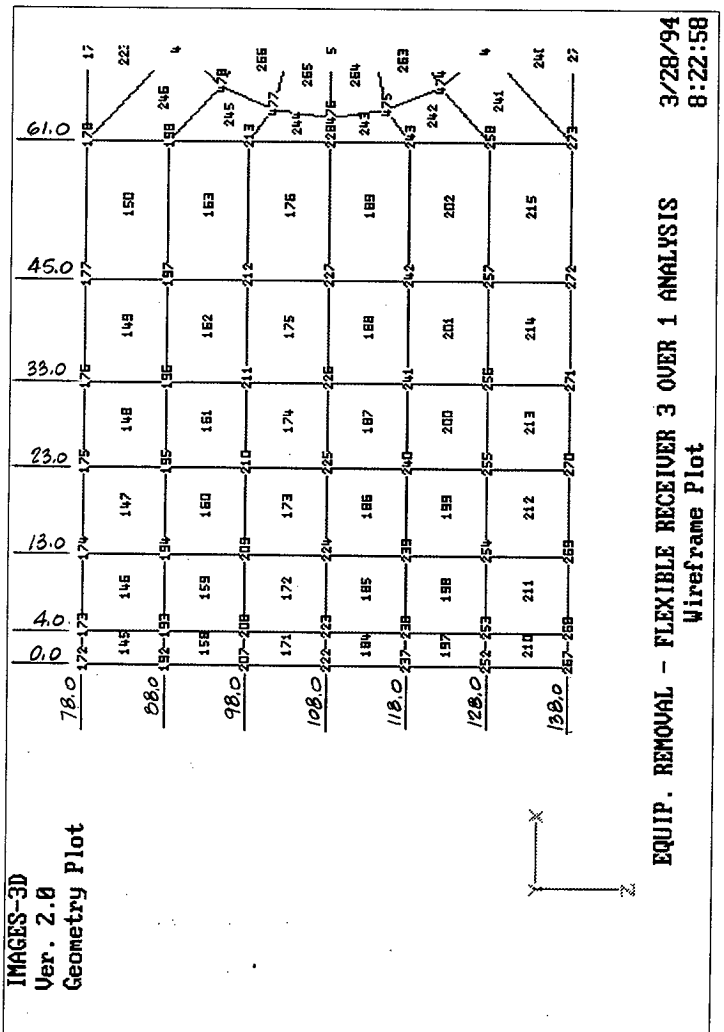
DESIGN ANALYSIS

Client WHC

Subject Flexible Receiver Support - design and analysis.

Location 241-CR-06A - Pump Pit

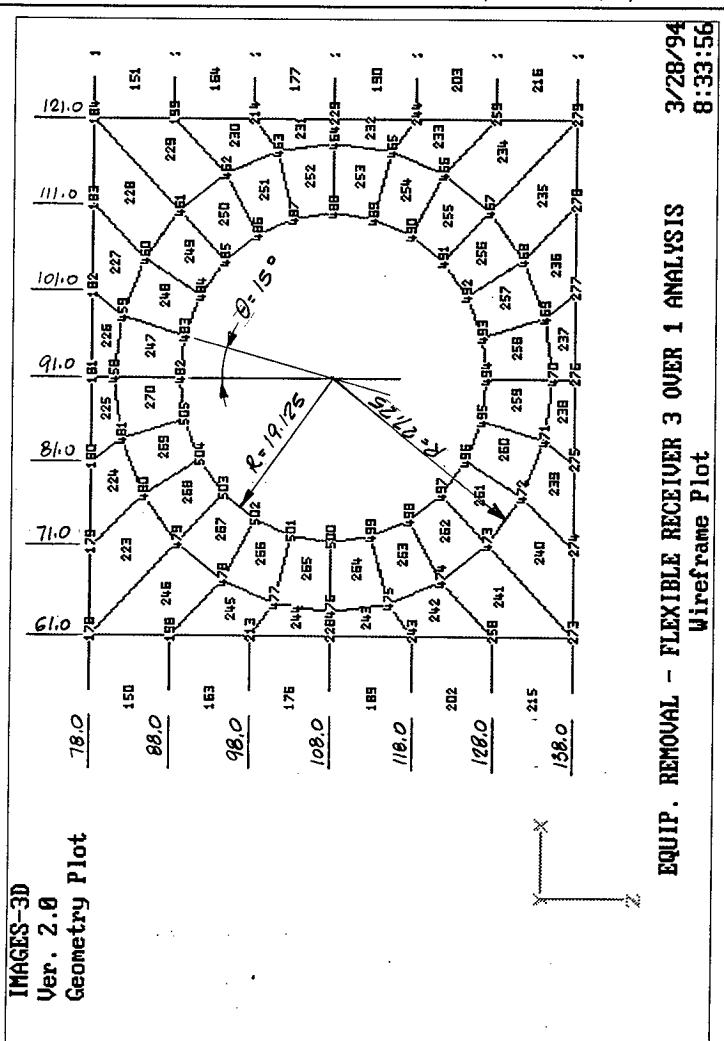
WO/Job No. CR 1257
Date 5/18/94 By M. B. Lasota
Checked 5/18/94 By George T. Lyn
Revised N/A By N/A



DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

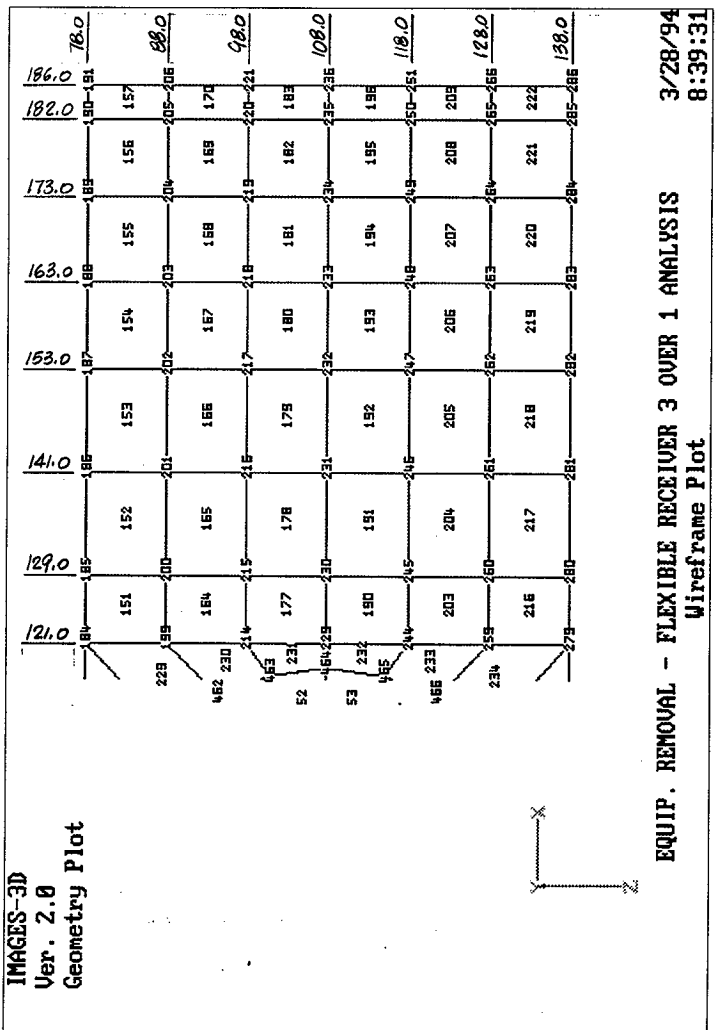
WO/Job No. CR 1257
Date 5/18/94 By M. B. Lasota
Checked 5/18/94 By George J. Zyn
Revised N/A By N/A



DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94 By M. B. Lasota
Checked 5/18/94 By George T. Lyon
Revised N/A By N/A



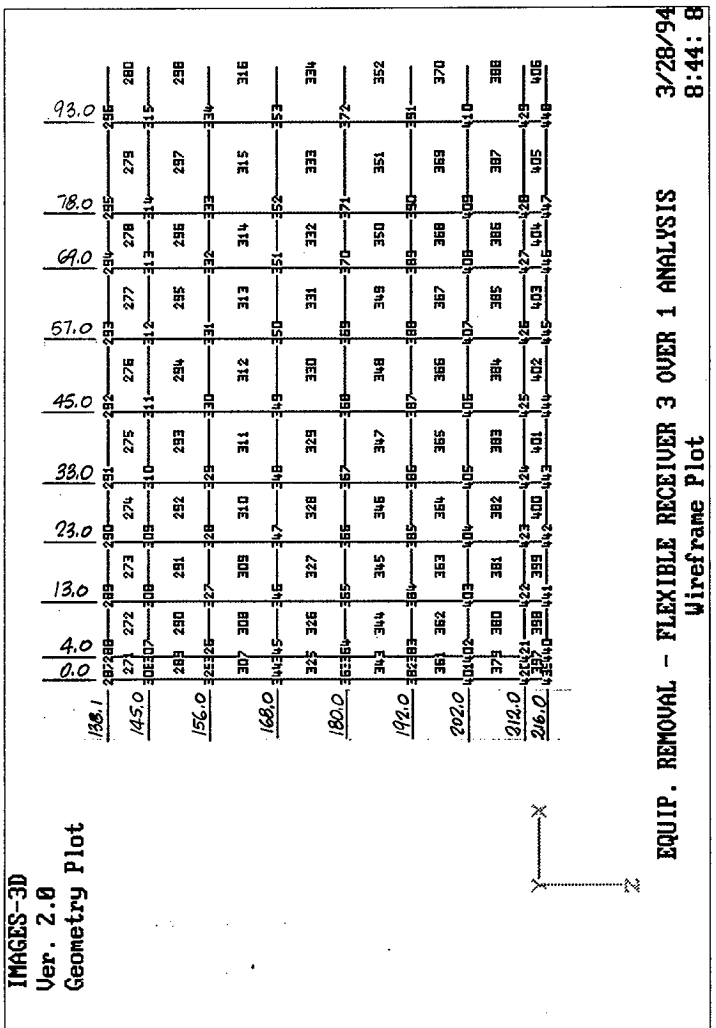
MATH MODEL - NODE LOCATION & ELEMENT CONNECTIVITY AT Y=0.0

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94
Checked 5/18/94
Revised N/A

By M. B. Lasota
By George T. Zyl
By N/A

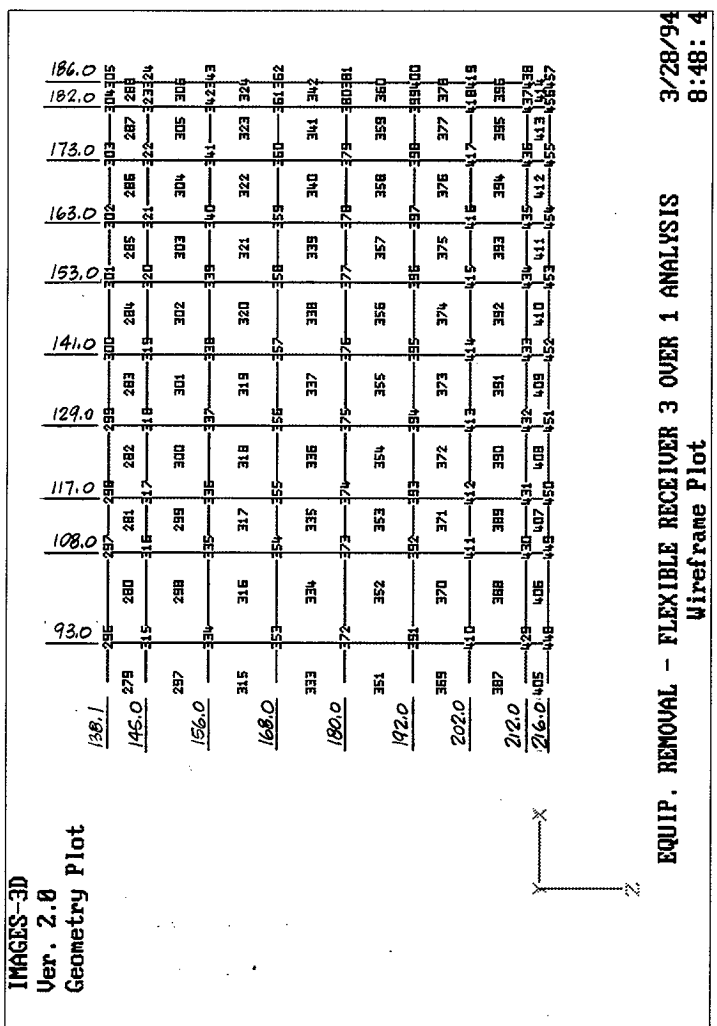


DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/6/94
Checked 5/18/94
Revised N/A

By M. B. Lasota
By George T. Gay
By N/A

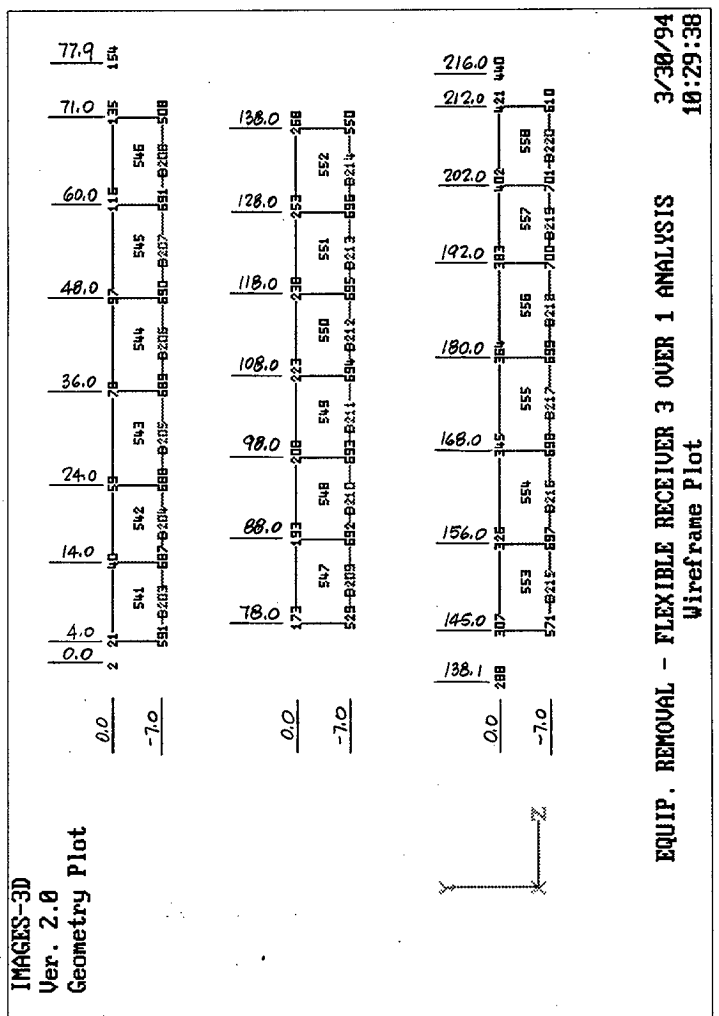


DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94
Checked 5/18/94
Revised N/A

By M. B. Lasota
By George T. Lynch
By N/A

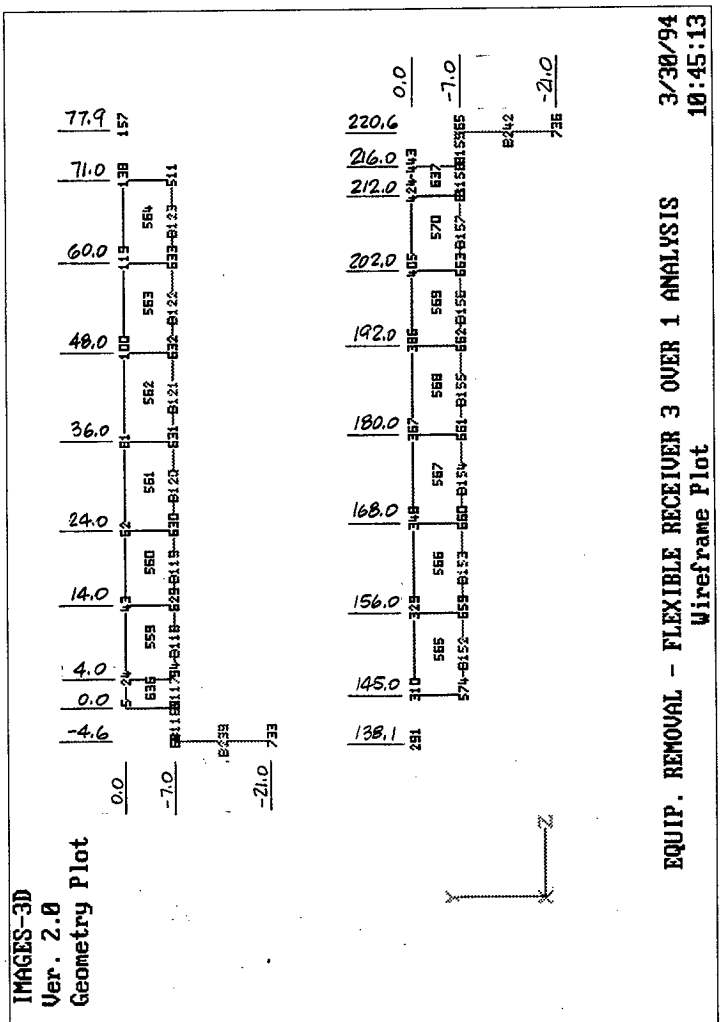


DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94
Checked 5/18/94
Revised N/A

By M. B. Lasota
By George J. Lyn
By N/A

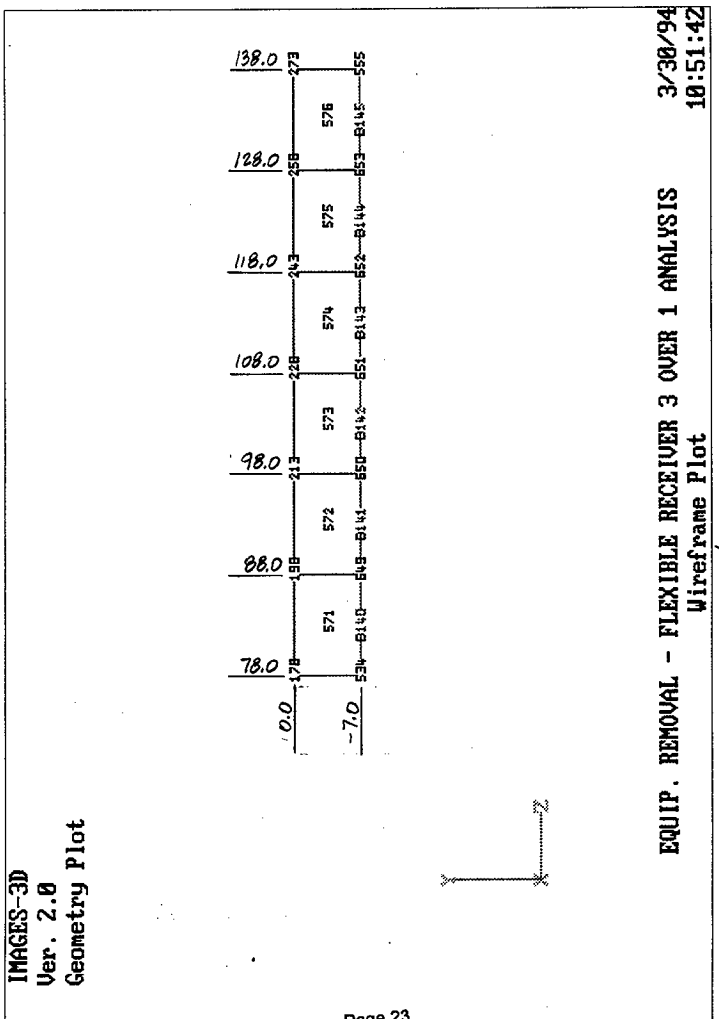


DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/16/94
Checked 5/18/94
Revised N/A

By M. B. Lasota
By George J. Eyler
By N/A

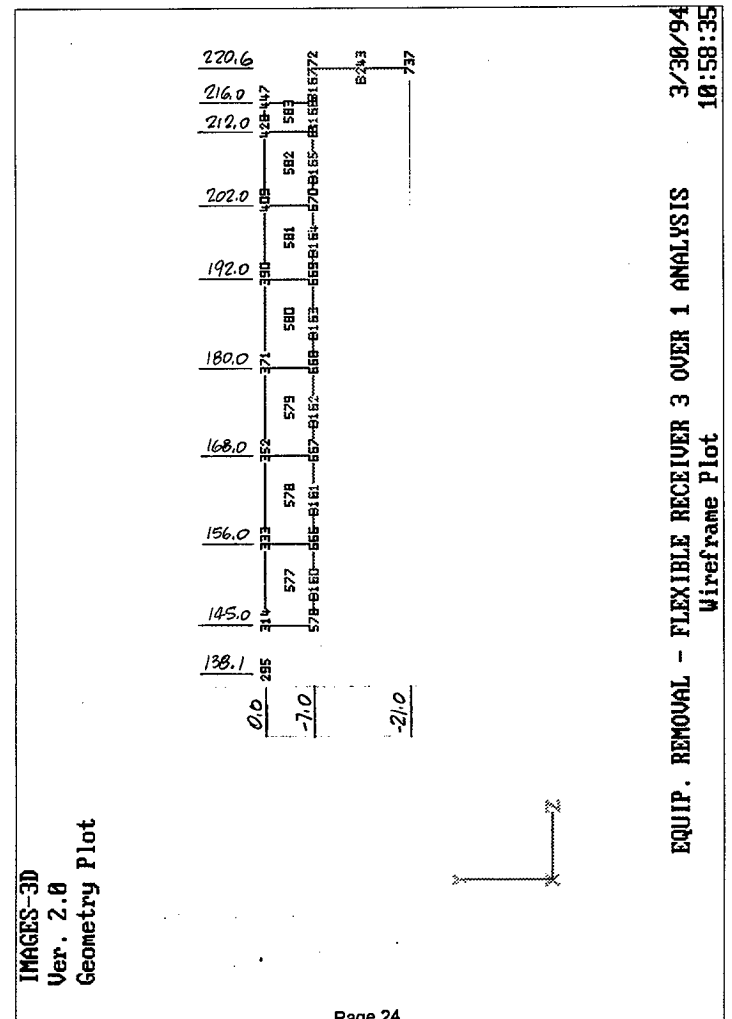


DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94
Checked 5/18/94
Revised N/A

By M. B. Lasota
By
By N/A



DESIGN ANALYSIS

Client WHC
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Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94
Checked 5/18/94
Revised N/A

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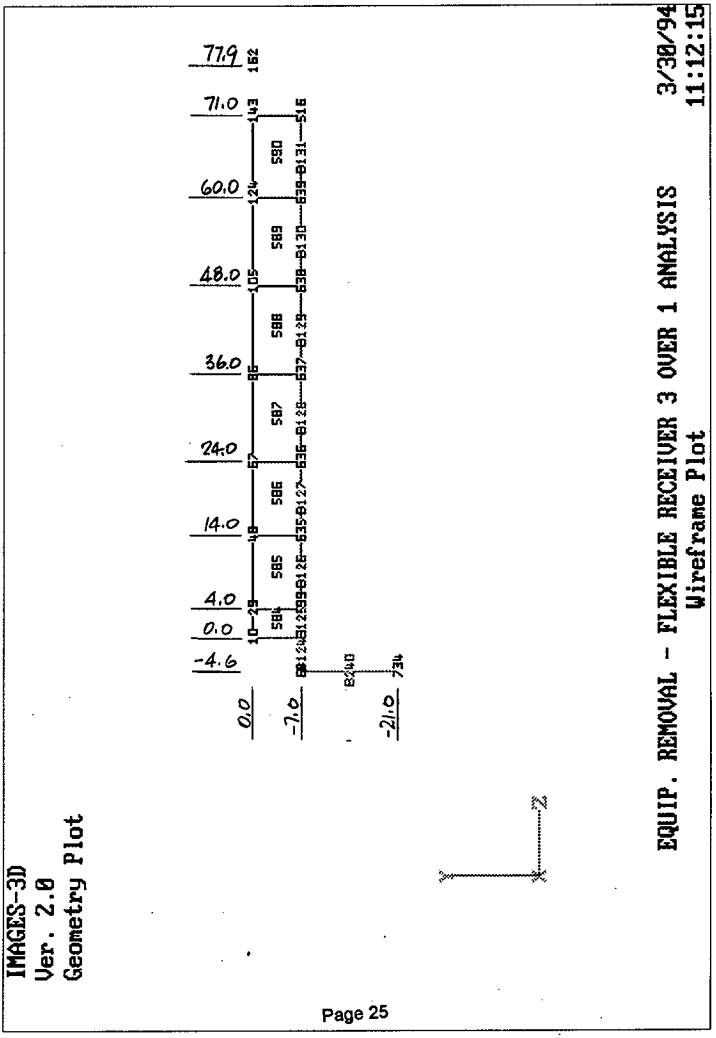
By George J. Lyn
By N/A

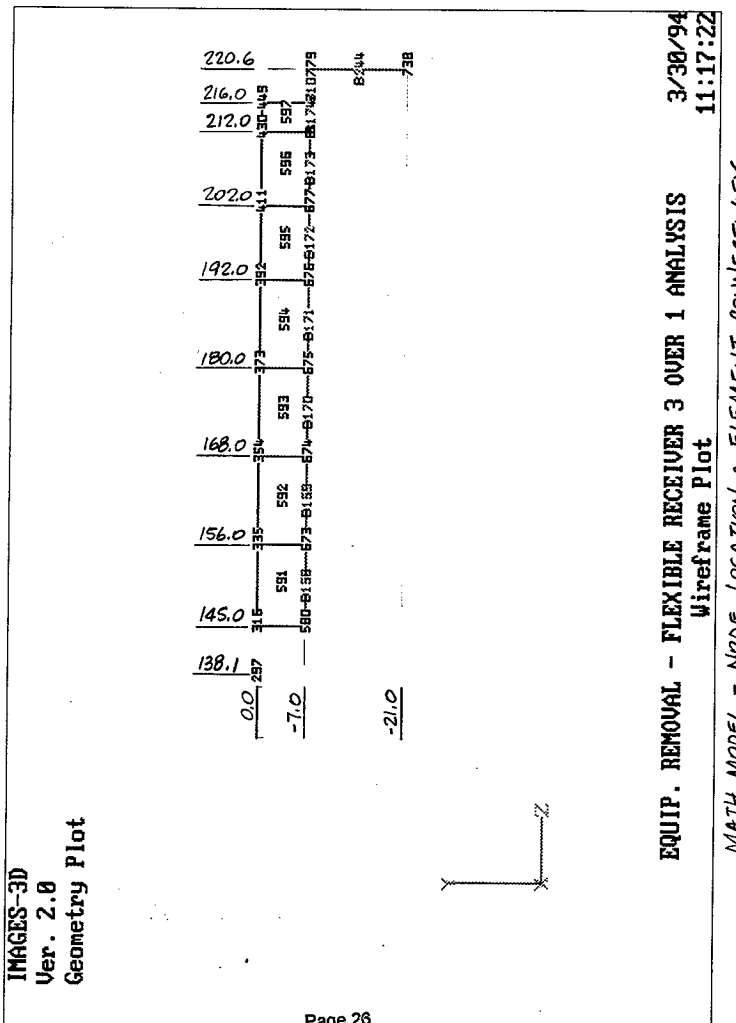


DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94
Checked J 5/18/94
Revised N/A

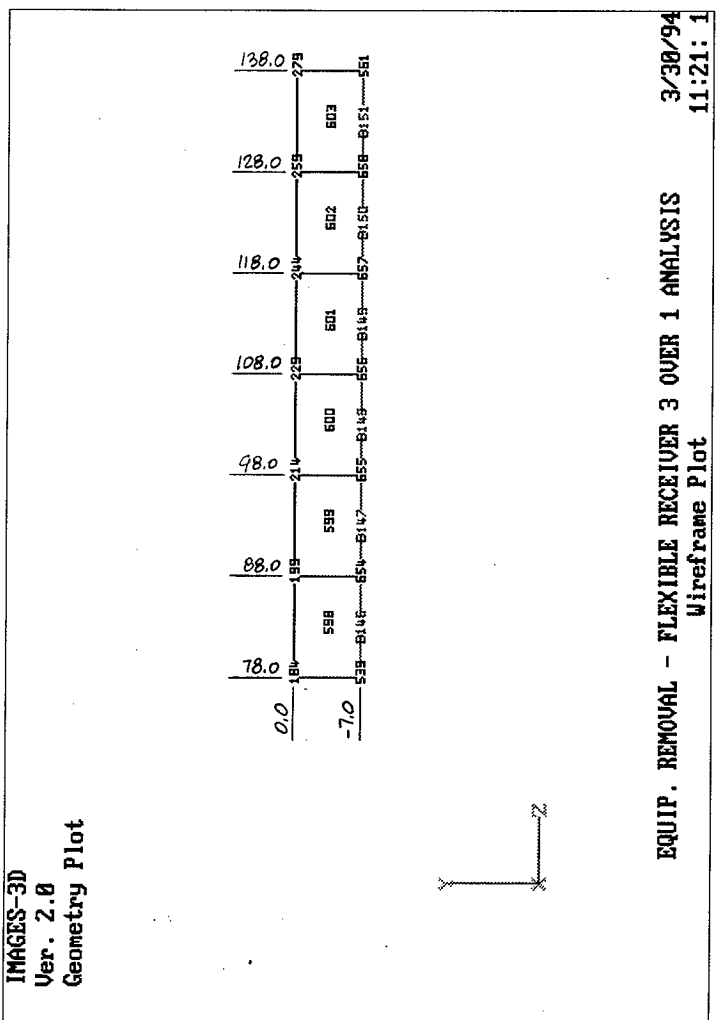
By M. B. Lasota
By George J. Zigan
By N/A



DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94 By M. B. Lasota
Checked 5/18/94 By George J. Zyn
Revised N/A By N/A



MATH MODEL - NODE LOCATION & ELEMENT CONNECTIVITY AT X = 121.0

DESIGN ANALYSIS

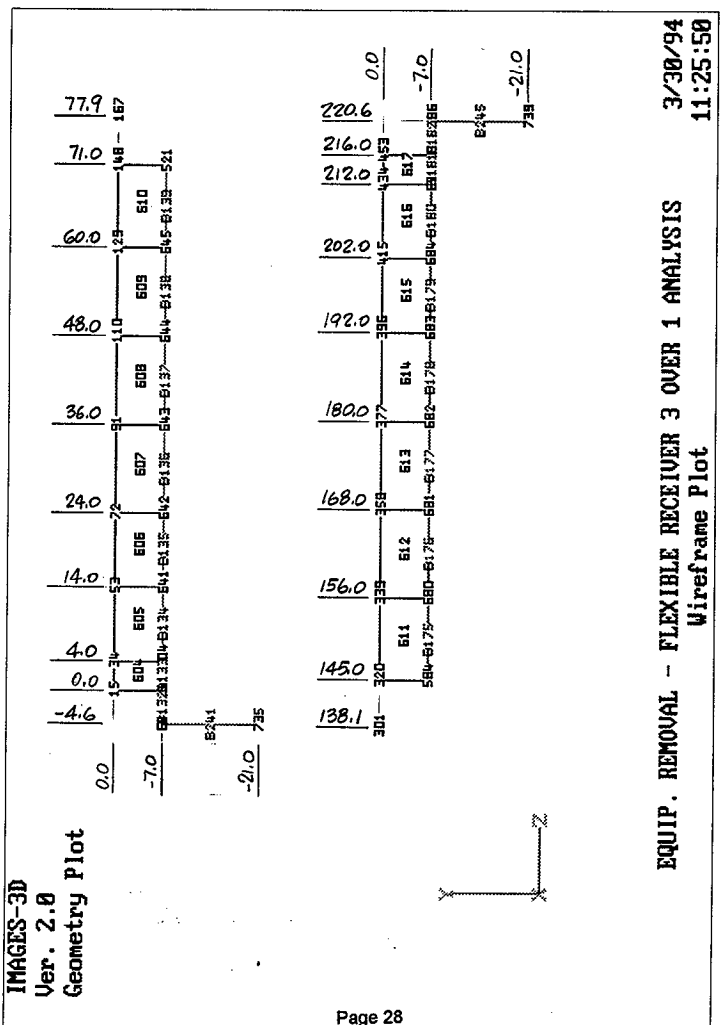
Client WHC

Subject Flexible Receiver Support - design and analysis.

Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94
Checked 5/18/94
Revised N/A

By M. B. Lasota
By George J. Lyon
By N/A



DESIGN ANALYSIS

Client WHC
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Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
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Revised N/A

By M. B. Lasota
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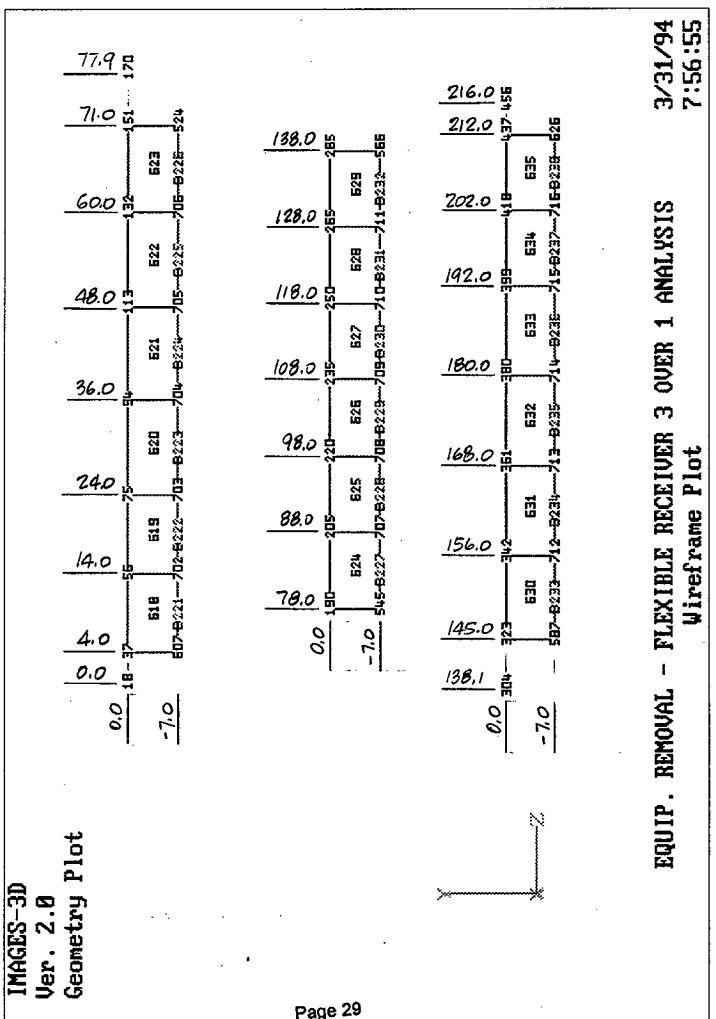
By N/A



DESIGN ANALYSIS

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Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
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Checked 5/18/94
Revised N/A

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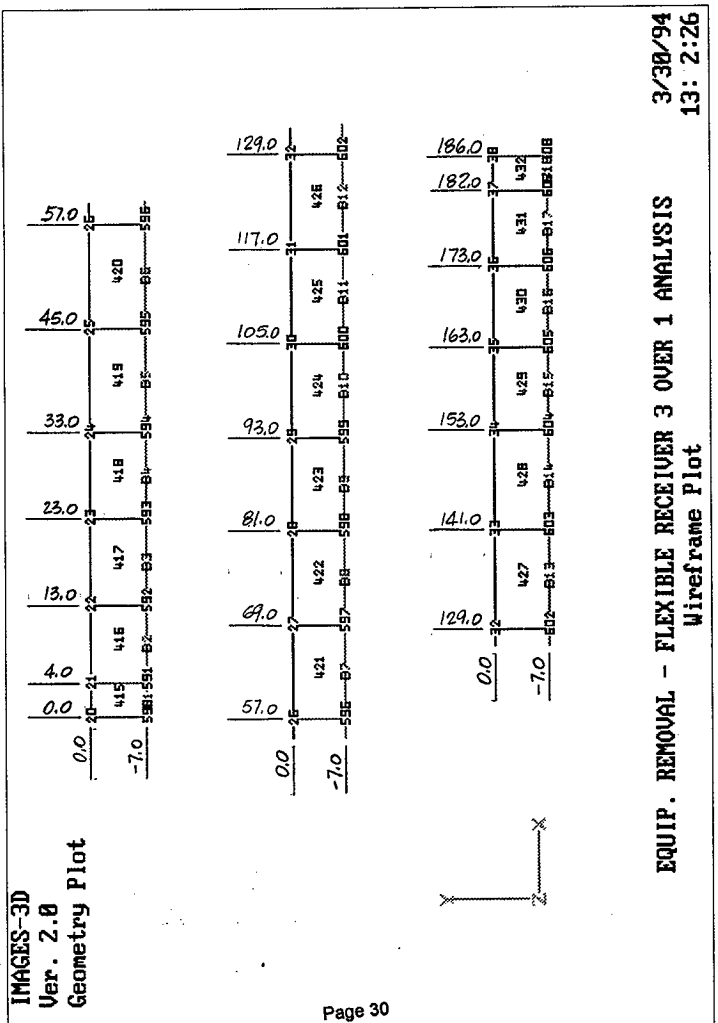

DESIGN ANALYSIS

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Location 241-CR-06A - Pump Pit

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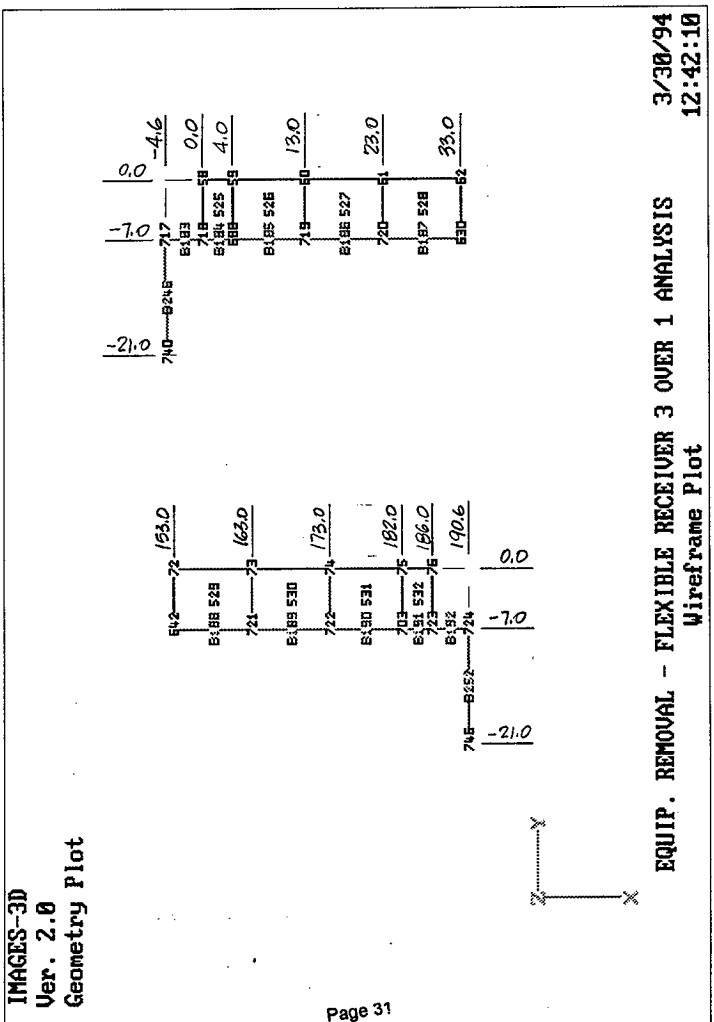

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94
Checked 5/18/94
Revised N/A

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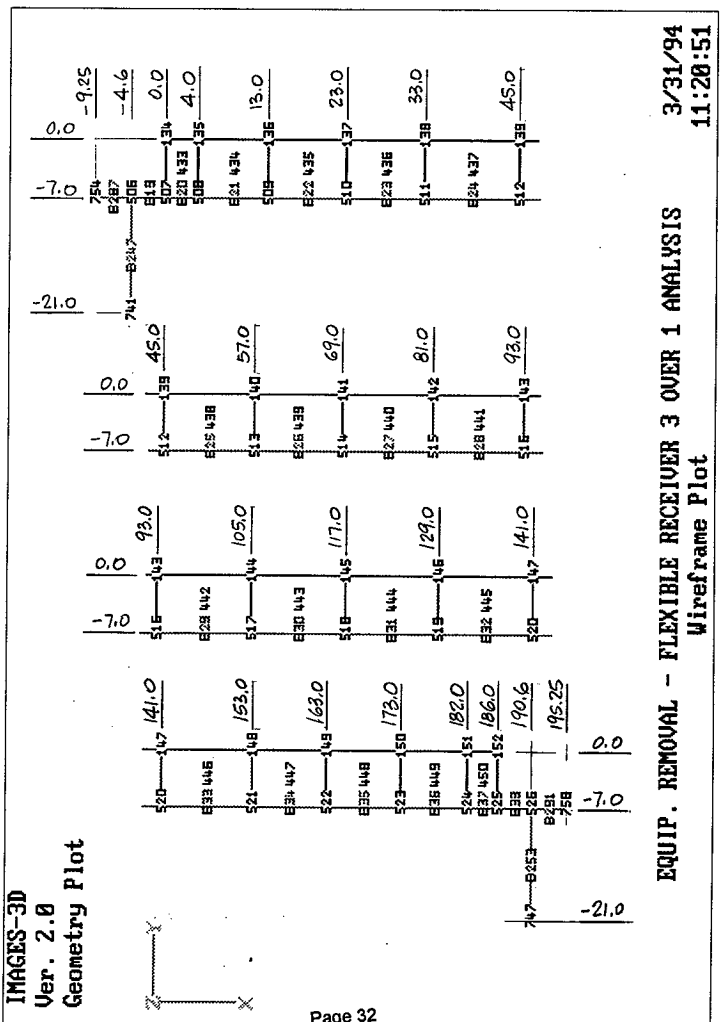

DESIGN ANALYSIS

Client WHC

Subject Flexible Receiver Support - design and analysis.

Location 241-CR-06A - Pump Pit

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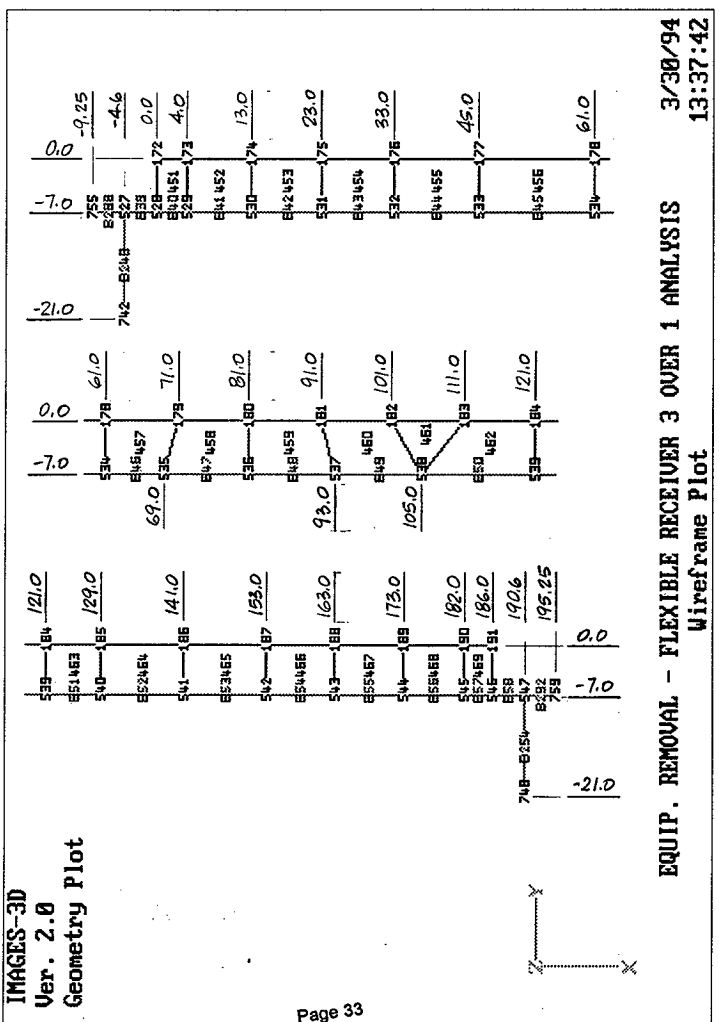
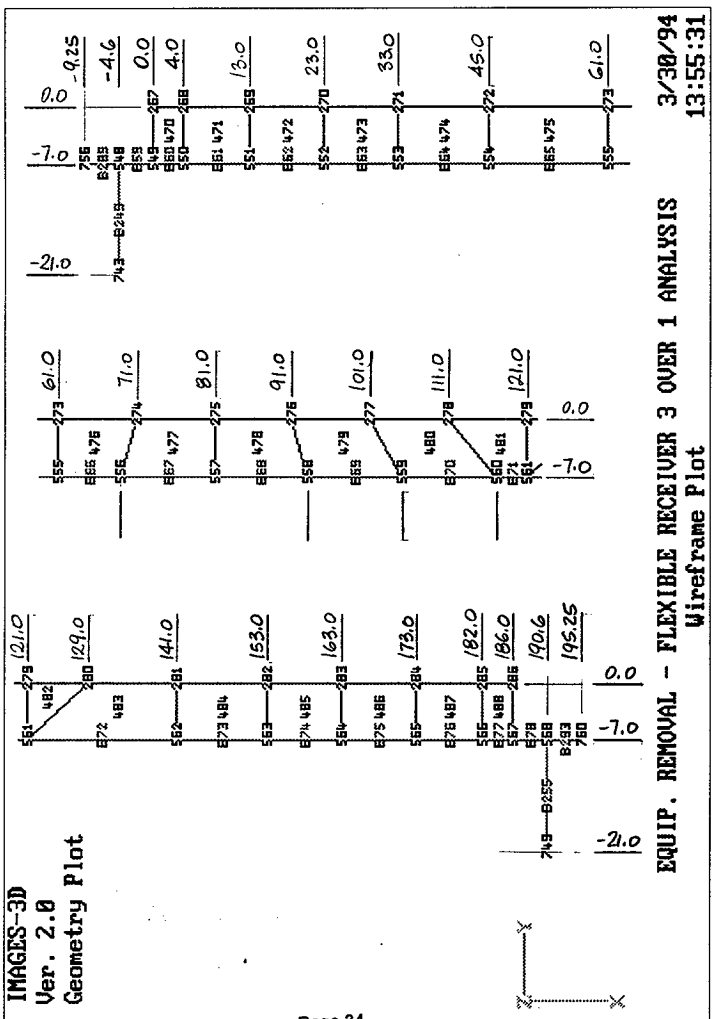


DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94
Checked 5/18/94
Revised N/A

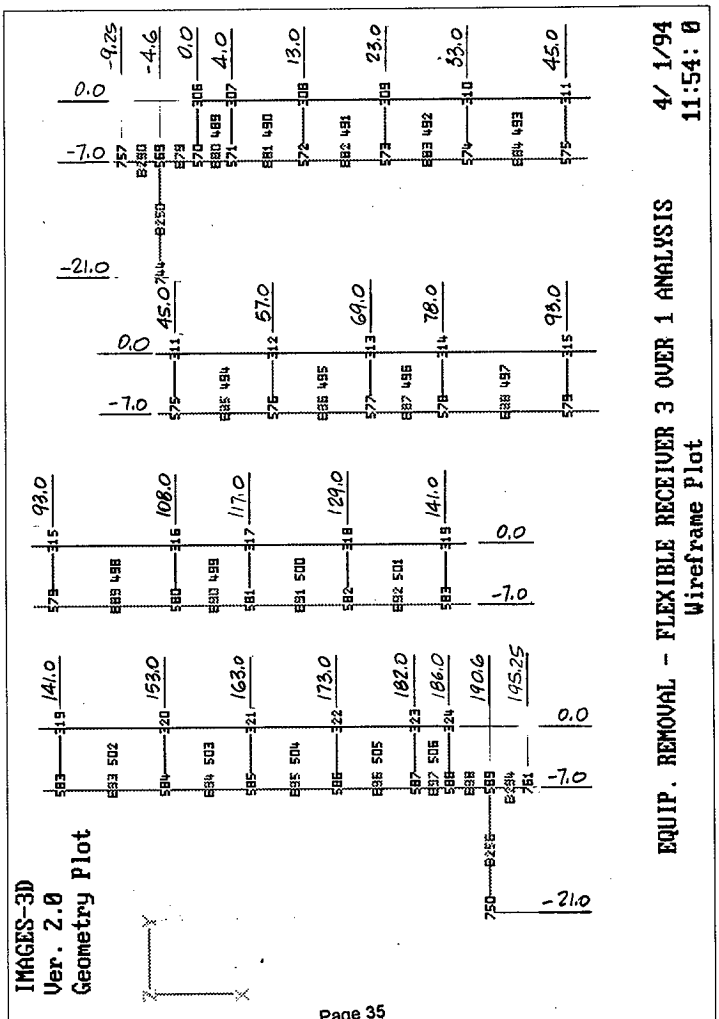
By M. B. Lasota
By George J. Lyn
By N/A



DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94 By M. B. Lasota
Checked 5/18/94 By George J. Zyn
Revised N/A By N/A



DESIGN ANALYSIS

Client WHC
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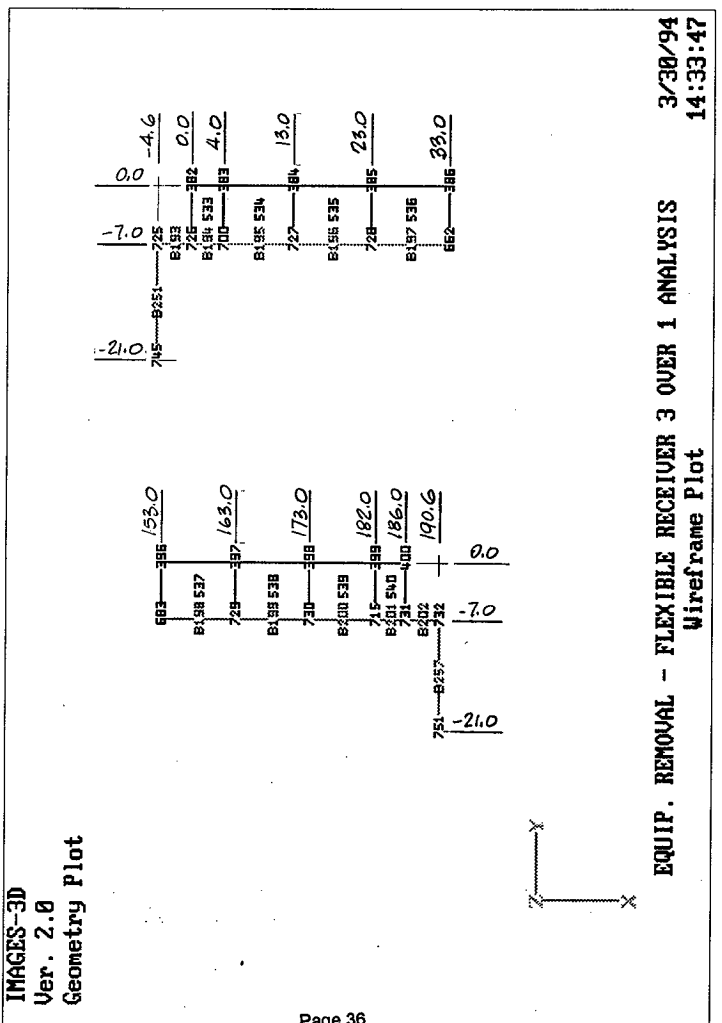
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94
Checked 5/18/94
Revised N/A

By M. B. Lasota
By George T. Lyon
By N/A



DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
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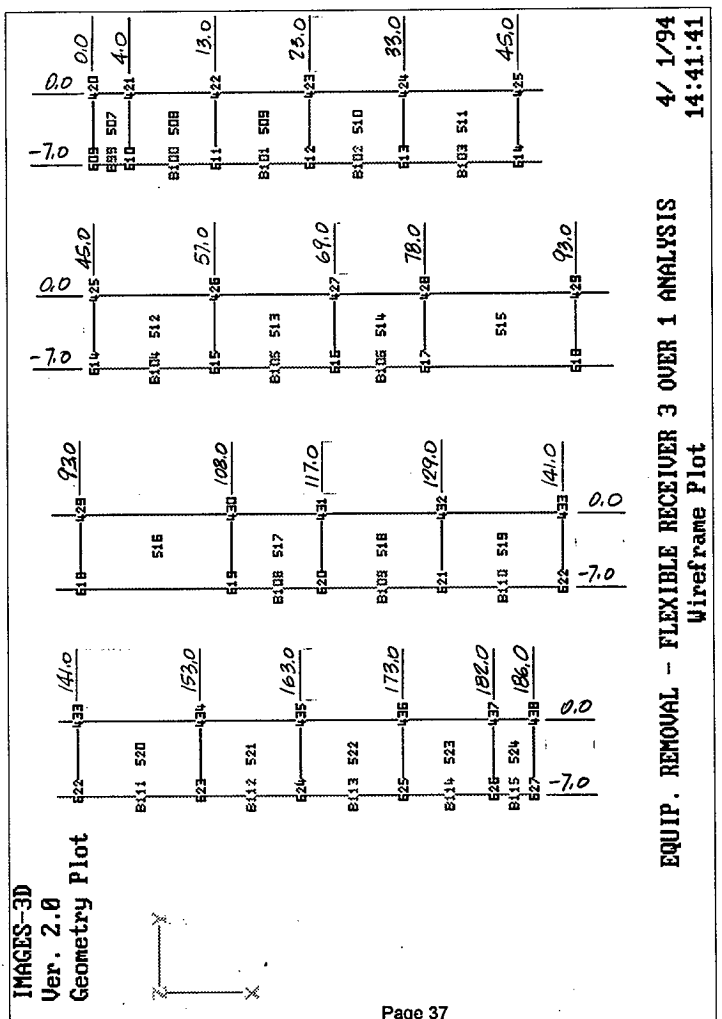
WO/Job No. CR 1257
Date 5/18/94
Checked 5/18/94
Revised N/A

By M. B. Lasota
By George J. Zyndl
By N/A

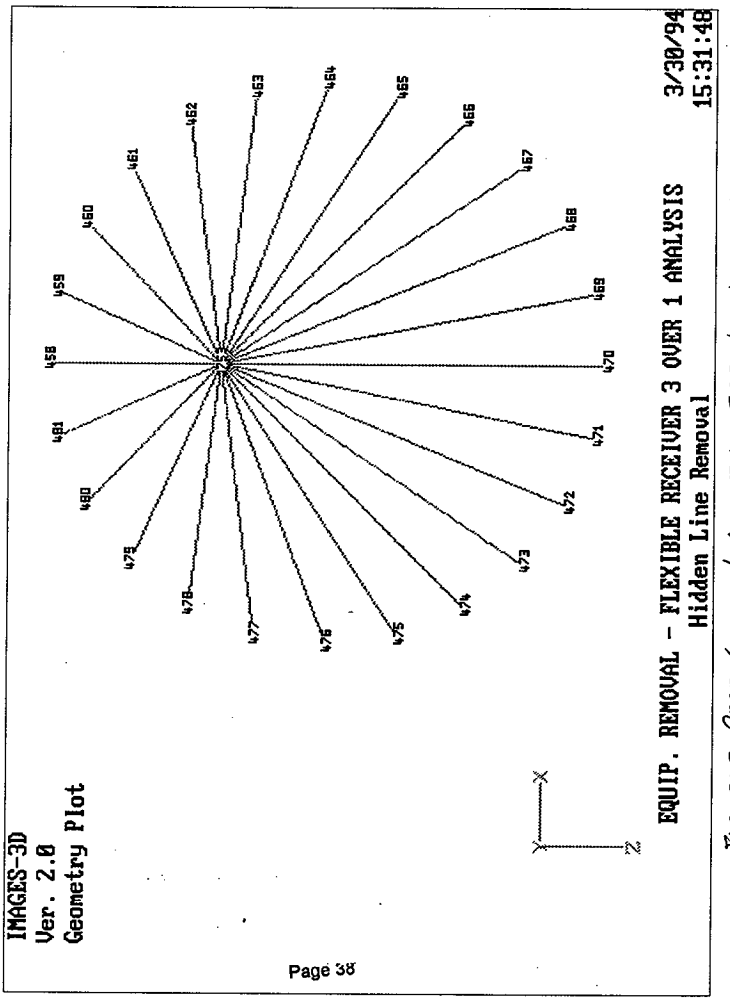


DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94
Checked 5/18/94
Revised N/A

By M. B. Lasota
By George J. Zym
By N/A



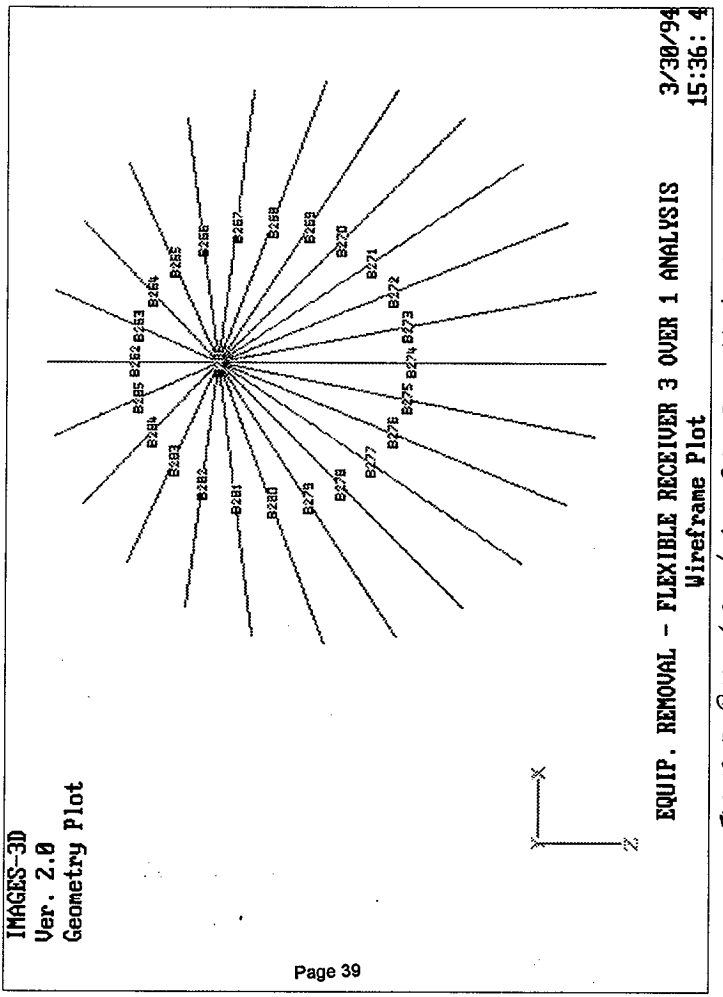
FLEXIBLE RECEIVER - LOAD TRANSFER MECHANISM
NODE DESCRIPTION

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94
Checked 5/18/94
Revised N/A

By M. B. Lasota
By George T. Zyw
By N/A

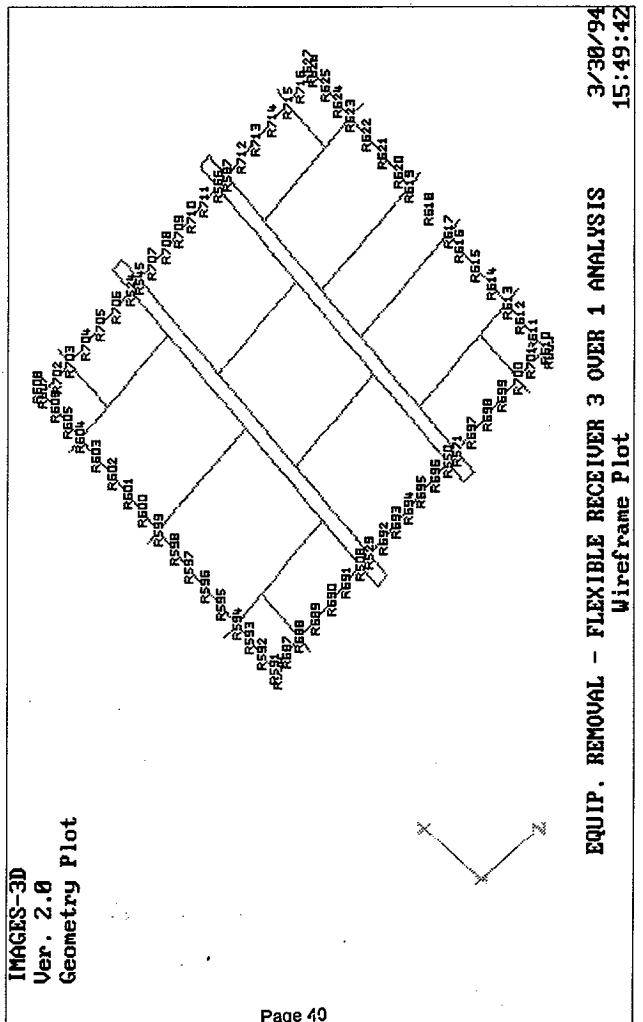


DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94
Checked 5/18/94
Revised N/A

By M. B. Lasota
By George J. Lyon
By N/A



MATH MODEL - LOCATION OF VERTICAL RESTRAINTS (TOP OF PUMP PIT WALL) MODAL ANALYSIS ONLY.

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94
Checked 5/18/94
Revised N/A

By M. B. Lasota
By George J. Zyp
By N/A

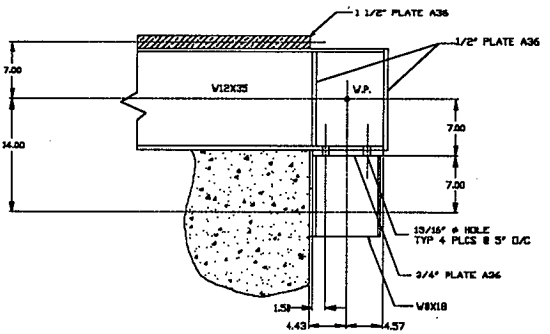
MATH MODEL - LOCATION OF HORIZONTAL RESTRAINTS
- MODAL ANALYSIS ONLY - RESTRAINTS PREVENTING TRANSLATION IN MINOR AXIS OF VERTICAL MEMBERS ARE MODELED HERE TO PREVENT AN APEARANCE OF LOCAL MODES.

DESIGN ANALYSIS

Client: WHC
Subject: Flexible Receiver Support - design and analysis.
Location: 241-CR-06A (Pump Pit)

WO/Job No.: CR 1257
Date 5/18/94 By: Michael B. Lasota
Checked 5/18/94 By George J. Lyn
Revised By

Design of the connection between vertical beams and horizontal W12x35.



Joint Detail

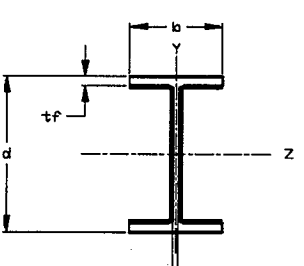
a. Check weld between W8x18 and 3/4 inch connecting plate.
From computer output the maximum shear in the vertical member V_y=13.77 Kips.
(minor axis bending resulting from self weight amplification is negligible).

Forces resisted by weld are as follows:

$a := 7 \cdot in$ $V_y := 13.77 \cdot kip$ $kip = 1000 \cdot lbf$

$M_z := V_y \cdot a$ $M_z = 96.39 \cdot kip \cdot in$

Properties of the weld are as follow:



$b := 5.25 \cdot in$ $d := 8.14 \cdot in$ $t_f := 0.33 \cdot in$

$t_w := 0.23 \cdot in$

$I_z := 2 \cdot (b - t_w) \cdot \left(\frac{d - 2 \cdot t_f}{2}\right)^2 + 2 \cdot \left[\frac{(d - 2 \cdot t_f)^3}{12}\right]$

$I_z = 210.19 \cdot in^3$

$S_z := 2 \cdot \left[\frac{I_z}{(d - 2 \cdot t_f)}\right]$ $S_z = 56.2 \cdot in^2$

$A_w := 2 \cdot (d - 2 \cdot t_f)$ $A_w = 14.96 \cdot in$

The stress in the weld is (note that only web weld is considered to resist shear):

$f_w := \left[\left(\frac{M_z}{S_z}\right)^2 + \left(\frac{V_y}{A_w}\right)^2\right]^{0.5}$ $f_w = 1.95 \cdot \frac{kip}{in}$ $ksi := \frac{kip}{in^2}$

DESIGN ANALYSIS

Client: WHC
Subject: Flexible Receiver Support - design and analysis.
Location: 241-CR-06A (Pump Pit)

WO/Job No.: CR 1257
Date 5/18/94 By: Michael B. Lasota
Checked 5/18/94 By George J. Zyn
Revised By

The allowable stress in 1/4 in fillet weld using electrode E70XX is:

Weld metal control:

$F_u := 70 \cdot ksi \qquad t_w := 0.25 \cdot in \qquad F_w := \frac{0.3 \cdot F_u \cdot t_w}{\sqrt{2}} \qquad F_w = 3.71 \cdot \frac{kip}{in} \qquad F_w \geq f_w$

Base metal control:

$F_y := 36 \cdot ksi \qquad F_w := 0.4 \cdot F_y \cdot t_w \qquad F_w = 3.6 \cdot \frac{kip}{in} \qquad F_w \geq f_w$

The weld size is adequate.

b. Check bolted connection.

The forces in the connection are:

$a := 7.75 \cdot in \qquad M_z := V_y \cdot a \qquad M_z = 106.72 \cdot kip \cdot in$

Tension in the bolt is:

$t_{pl} := 0.75 \cdot in \qquad l_{eff} := d - 1.5 \cdot in + t_{pl} \qquad l_{eff} = 7.39 \cdot in$

or $\qquad l_{eff} := 8.5 \cdot in - 1.5 \cdot in \qquad l_{eff} = 7 \cdot in \qquad$ use $l_{eff} = 7$ in.

$T_b := \frac{M_z}{2 \cdot l_{eff}} \qquad T_b = 7.62 \cdot kip \qquad V_b := \frac{V_y}{4} \qquad V_b = 3.44 \cdot kip$

Try 3/4 in dia ASTM A 325 N bolts. Nominal bolt area is:

$A_b := 0.4418 \cdot in^2 \qquad f_t := \frac{T_b}{A_b} \qquad f_t = 17.25 \cdot ksi \qquad f_v := \frac{V_b}{A_b} \qquad f_v = 7.79 \cdot ksi$

Check for interaction:

$F_t := \left[(44 \cdot ksi)^2 - 4.39 \cdot f_v^2 \right]^{0.5} \qquad F_t = 40.86 \cdot ksi \qquad F_t \geq f_t \quad ok$

Stress in the 3/4 in dia bolt is adequate.

Check bearing stress in the bolt hole - flange of W12x35 controls t_f=0.52 in.

$d_b := 0.75 \cdot in \qquad t_f := 0.52 \cdot in \qquad f_p := \frac{V_b}{t_f d_b} \qquad f_p = 8.83 \cdot ksi \qquad F_u := 58 \cdot ksi$

$f_p \leq 1.2 \cdot F_u \quad ok$

DESIGN ANALYSIS

Client: WHC
Subject: Flexible Receiver Support - design and analysis.
Location: 241-CR-06A (Pump Pit)

WO/Job No.: CR 1257
Date 5/18/94 By: Michael B. Lasota
Checked 5/18/94 By George J. Zyra
Revised By

Check transverse bending stress in the lower flange of the W 12x35 resulting from the tension in the bolt.

From AISC Specification 9th edition page 489: $M_1=M_2$

$b := 1.6 \cdot in$ $M_1 := T_b \cdot \frac{b}{2 \cdot in}$ $M_1 = 6.1 \cdot kip$

Stress in the flange is:

$f_b := 6 \cdot \frac{M_1}{t_f^2}$ $f_b = 135.31 \cdot ksi$ - excessive

Provide stiffener plate. Check stress in the flange. Since the classical solution to the problem is not available small model will be generated to reflect the effect of the loading from the bracket on the W12X35 lower flange (see Attachment 7 for the magnitude of stress).

Check stress in the bolts used to connect connecting plate and W12X35 from platform components. The forces acting in the connection are:

$V_{tot} := 13.8 \cdot kip + \frac{5.4 \cdot kip}{2}$ $V_{tot} = 16.5 \cdot kip$

$V_{blt} := \frac{V_{tot}}{2}$ $V_{blt} = 8.25 \cdot kip$ $V_{all} := 9.3 \cdot kip$ $V_{blt} \le V_{all}$ ok

Check bearing stress in the bolt hole 1/2 inch plate.

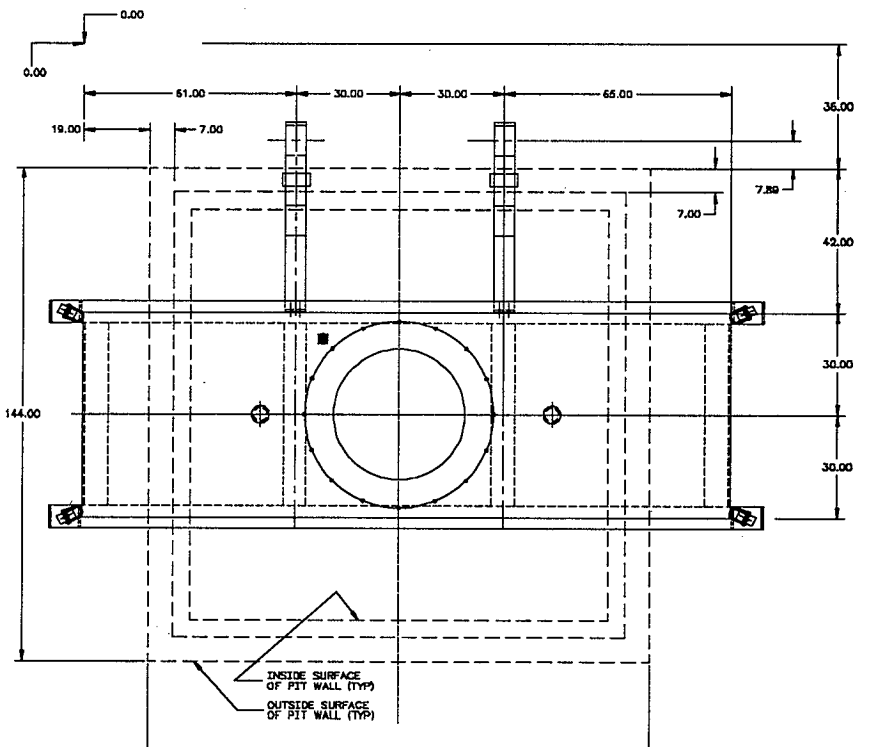
$d_b = 0.75 \cdot in$ $t_{pl} := 0.5 \cdot in$ $f_p := \frac{V_{blt}}{t_{pl} \cdot d_b}$ $f_p = 22 \cdot ksi$ $F_u := 58 \cdot ksi$

$f_p \le 1.2 \cdot F_u$ ok

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis
Location: 241-CR-06A (Pump Pit)

WO/Job No. CR 1257
Date 5/18/94 By M. B. Lasota
Checked 5/18/94 By George T. Dyer
Revised By



PLAN VIEW
SCALE: NONE

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis
Location: 241-CR-06A (Pump Pit)

WO/Job No. CR 1257
Date 5/18/94 By M. B. Lasota
Checked 5/18/94 By George J. Lyon
Revised By

The following calculations will help to determine response spectra for class 3 and 4 structures at any magnitude of natural frequency of the analysed structure (ref . SDC 4.1 rev. 12).

The RS curve from figure 5 consist of five straight line segments. On the semilog graph the segments will remain as straight lines. The control points of the RS curve for damping equal to 5% of critical are as follows: f=33 Hz - g(33)=0.12; f=8 Hz - g(8)=0.23; f=1.8 Hz - g(1.8)=0.23; f=0.24 Hz - g(0.24)=0.04; f=0.1 Hz - g(0.1)=0.006

$f_1 := 0.10, 0.11 .. 0.24$

$g_1(f_1) := .0954 + .0894 \cdot \log(f_1)$

$f_2 := 0.24, 0.25 .. 1.8$

$g_2(f_2) := .1746 + .2171 \cdot \log(f_2)$

$f_3 := 1.8, 1.9 .. 8.0$

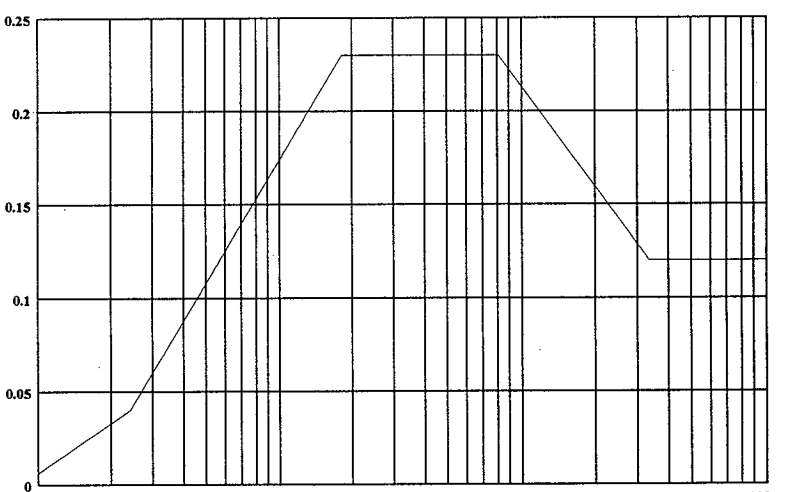
$g_3(f_3) := .2300$

$f_4 := 8, 9 .. 33$

$g_4(f_4) := .3914 - .1787 \cdot \log(f_4)$

$f_5 := 33, 34 .. 100$

$g_5(f_5) := 0.12$

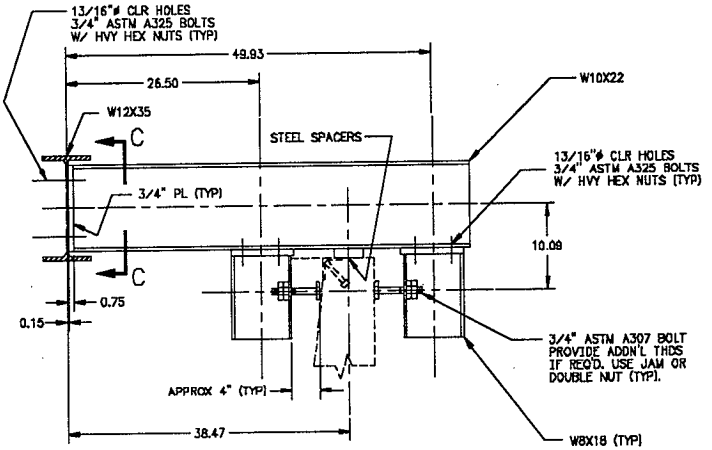


DESIGN ANALYSIS

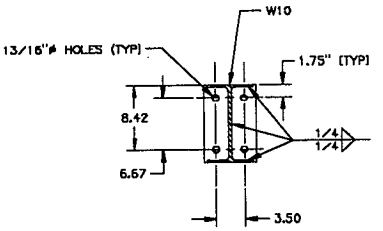
Client WHC
Subject Flexible Receiver Support - design and analysis
Location: 241-CR-06A (Pump Pit)

WO/Job No. CR 1257
Date 5/18/94 By Michael B. Lasota
Checked 5/19/94 By George T. Lyon
Revised By

Provide calculations for the horizontal seismic restraints - bolted connections.



DETAIL 1
SCALE: NONE



SECTION C-C
SCALE: NONE

From Attachment 6 reactions at the restraints are: Ry = 158 lbf, Rz = 1235 lbf (at nodes 235 and 240 respectively).

$R_y := 158 \cdot lbf$ $R_z := 1235 \cdot lbf$

$a_y := 10.085 \cdot in$ $a_z := 38.32 \cdot in$

$M_x := R_y \cdot a_z + R_z \cdot a_y$

$M_x = 18.51 \cdot kip \cdot in$

Tension in the bolt is:

$$T_{b1} := \frac{M_x}{2 \cdot 8.42 \cdot in} + \frac{R_z}{4} \qquad V_{b1} := \frac{R_y}{4}$$

$T_{b1} = 1.41 \cdot kip$ $V_{b1} = 0.04 \cdot kip$ - negligible

3/4 inch dia A325N bolts are ok.

DESIGN ANALYSIS

Client: WHC
Subject: Flexible Receiver Support - design and analysis.
Location 241-CR-06A (Pump Pit)

WO/Job No.: CR 1257
Date 5/18/94 By: Mjchael B. Lasota
Checked 5/18/94 By George J. Zyn
Revised By

Check stress in the web of W12X35.
Considering two way bending (1.75 inch cantilever each way) the moment is:

$a_{pl} := 1.75 \cdot in$

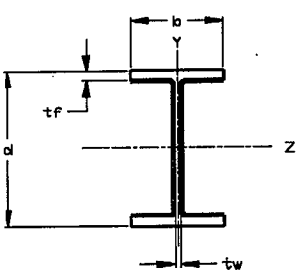
$M_{pl} := \frac{T_{b1} \cdot a_{pl}}{2}$ $\quad M_{pl} = 1.23 \cdot kip \cdot in$ let $\quad b_{pl} := 2 \cdot a_{pl}$ $\quad t_{pl} := 0.3 \cdot in$

Then stress in the plate is:

$\sigma_{pl} := 6 \cdot \frac{M_{pl}}{b_{pl} \cdot t_{pl}^2}$ $\quad \sigma_{pl} = 23.46 \cdot ksi$ $\quad$ ok

Check the weld between W10X22 and 3/4" end plate.

Properties of the weld are as follow:



$b := 5.75 \cdot in$ $\quad d := 10.17 \cdot in$ $\quad t_f := 0.36 \cdot in$

$t_w := 0.24 \cdot in$

$I_z := 2 \cdot (b - t_w) \cdot \left(\frac{d - 2 \cdot t_f}{2}\right)^2 + 2 \cdot \left[\frac{(d - 2 \cdot t_f)^3}{12}\right]$

$I_z = 386.68 \cdot in^3$

$S_z := 2 \cdot \left[\frac{I_z}{(d - 2 \cdot t_f)}\right]$ $\quad S_z = 81.84 \cdot in^2$

$A_w := 2 \cdot (d - 2 \cdot t_f)$ $\quad A_w = 18.9 \cdot in$

$A := 2 \cdot (d + b - t_w - 2 \cdot t_f)$ $\quad A = 29.92 \cdot in$

The stress in the weld is (note that only web weld is considered to resist shear), in our case terminology changes to :

$M_z := M_x$ $\quad V_y := R_y$ $\quad T := R_z$

$f_w := \left[\left(\frac{M_z}{S_z} + \frac{T}{A}\right)^2 + \left(\frac{V_y}{A_w}\right)^2\right]^{0.5}$ $\quad f_w = 0.27 \cdot \frac{kip}{in}$ - 1/4" fillet weld is ok.

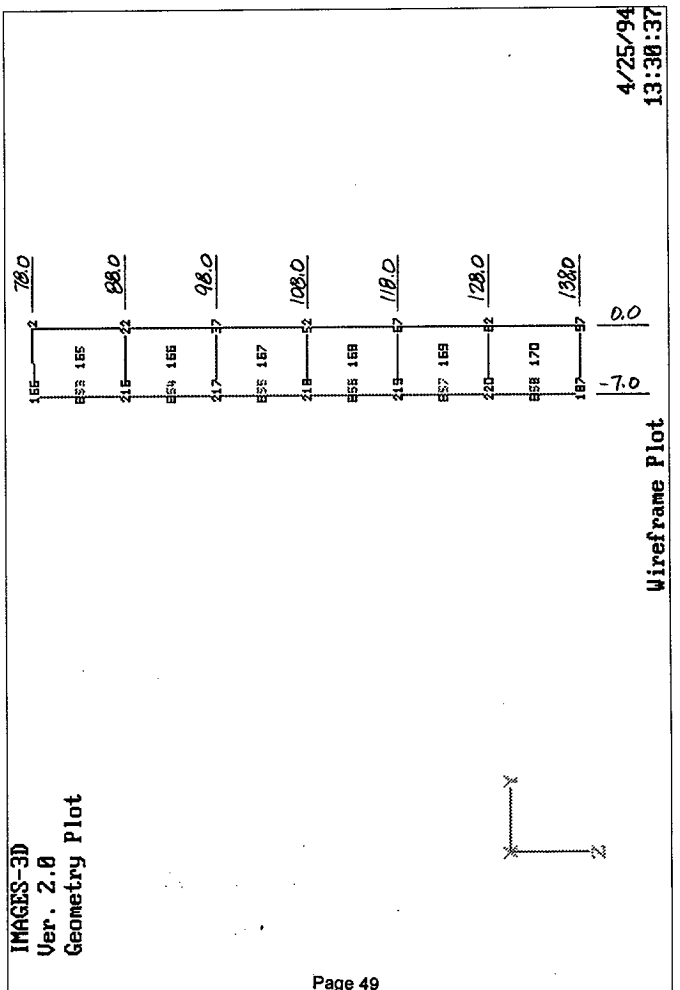
Due to smaller loads from UBC seismic case all other connections are safe.

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94
Checked 5/18/94
Revised N/A

By M. B. Lasota
By George J. Zaya
By N/A



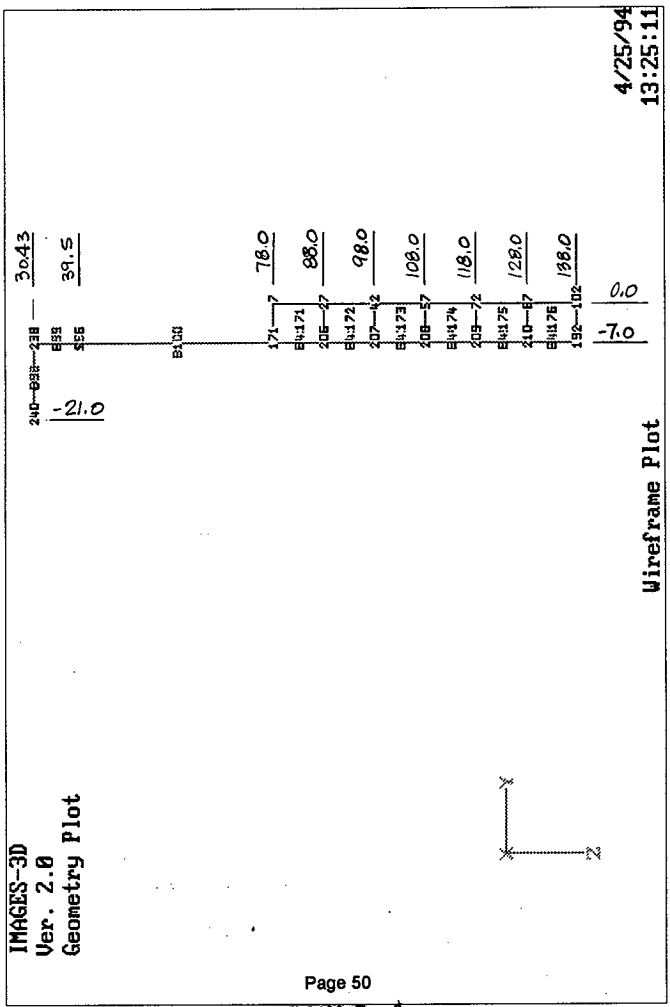
Math Model - Node location and Element connectivity at x=4.0

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94
Checked 5/18/94
Revised N/A

By M. B. Lasota
By George J. Zaya
By N/A



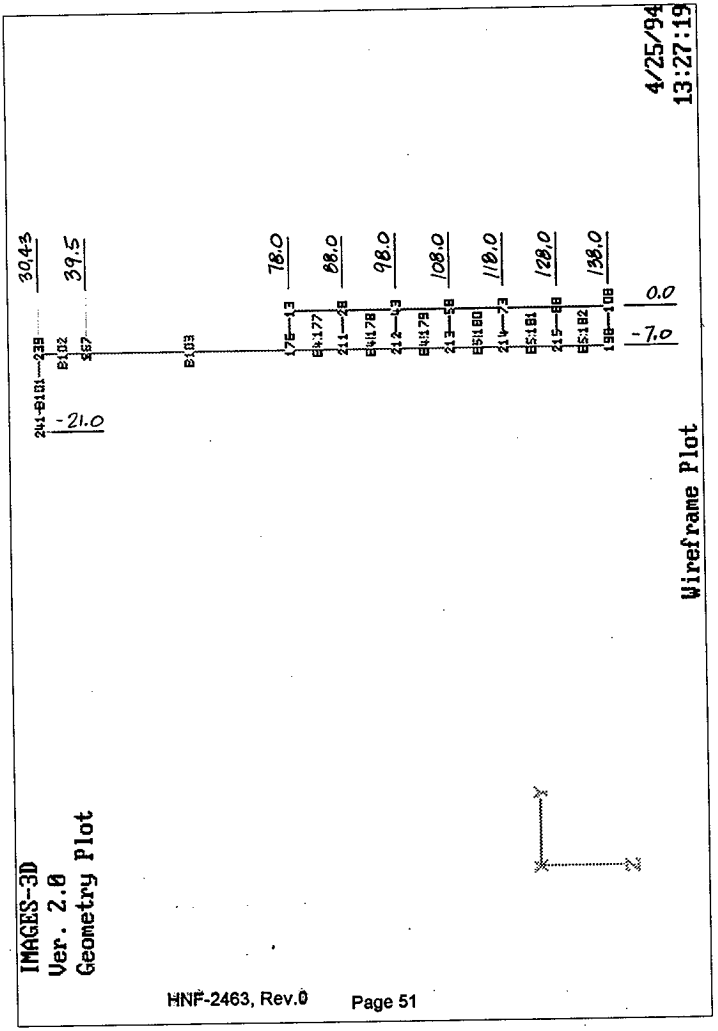
Math Model - Node location and Element connectivity at x=61.0

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94
Checked 5/18/94
Revised N/A

By M. B. Lasota
By George J. Zyla
By N/A



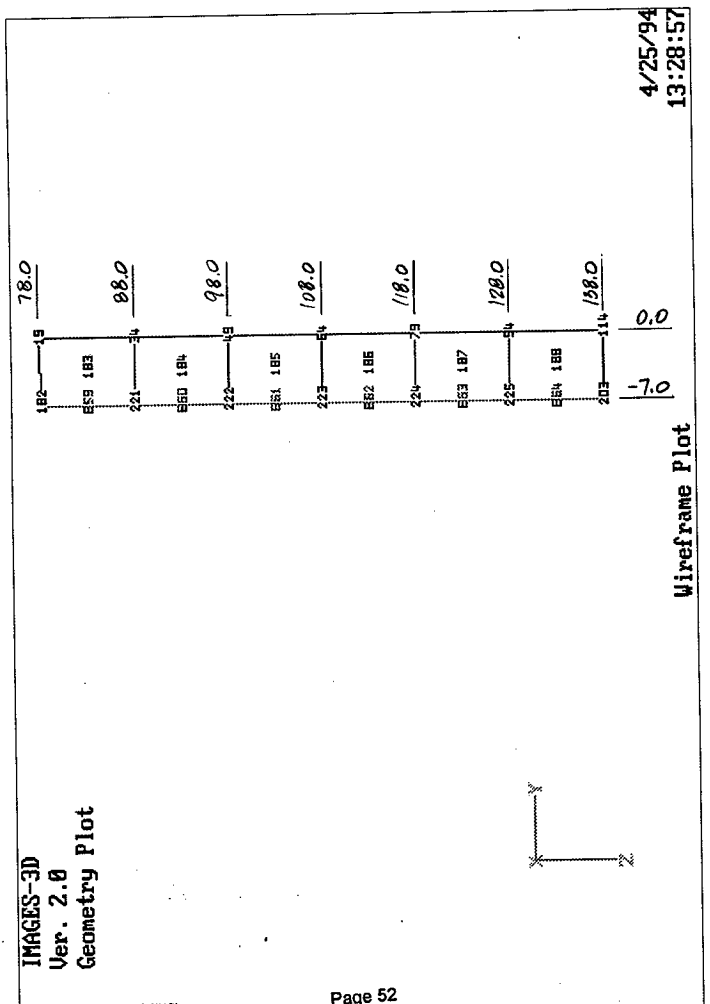
Math Model - Node location and Element connectivity at x=121.0

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/16/94
Checked 5/16/94
Revised N/A

By M. B. Lasota
By George T. Dyer
By N/A



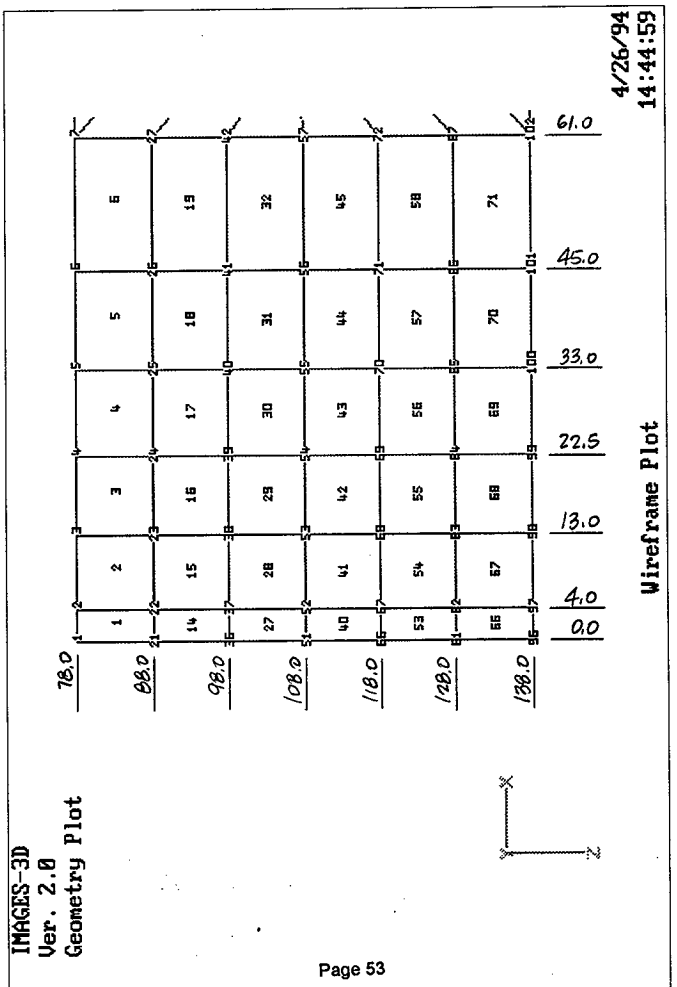
Math Model - Node location and Element connectivity at x=182.0

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94
Checked 5/18/94
Revised N/A

By M. B. Lasota
By George T. Zyp
By N/A

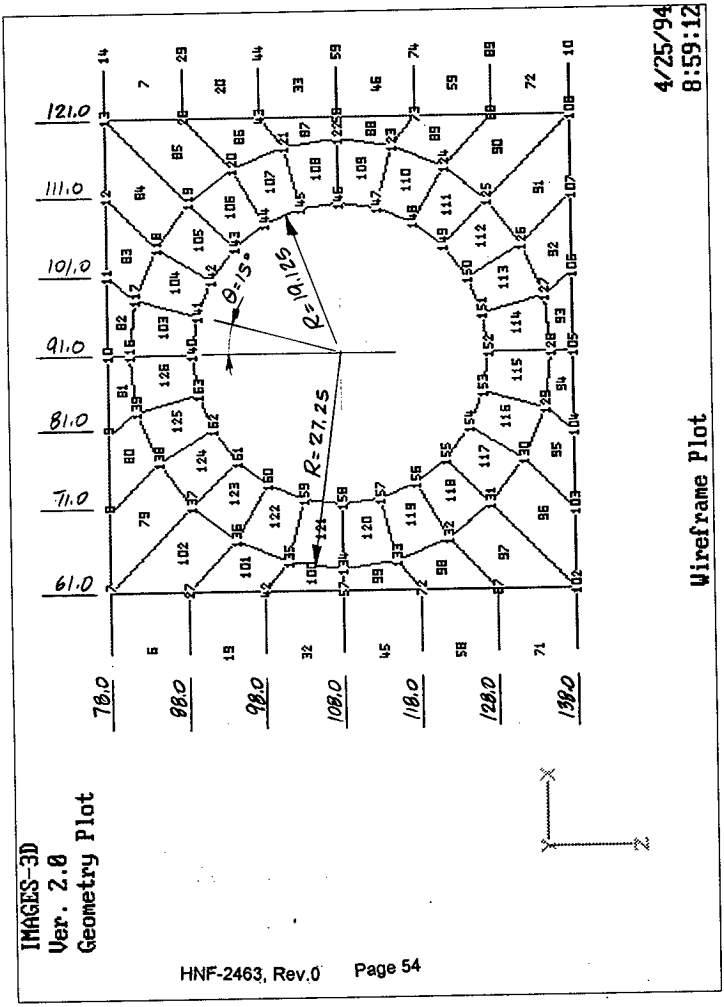


Math Model - Node location and Element connectivity at y=0.0, 0.0 < x < 61.0

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94 By M. B. Lasota
Checked 5/18/94 By George J. Zyn
Revised N/A By N/A

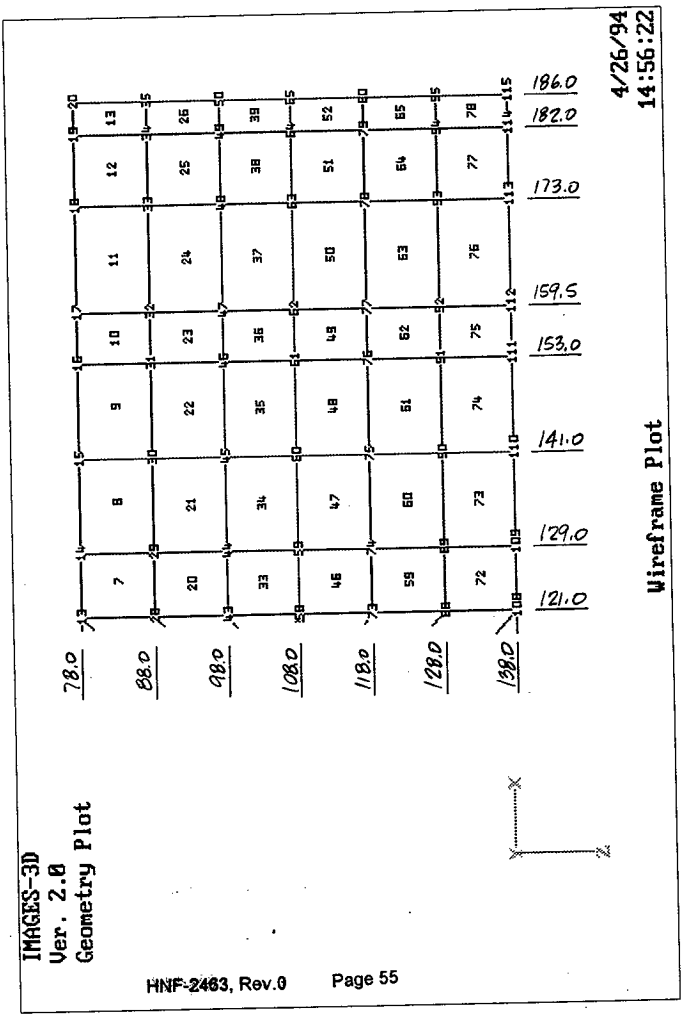


Math Model - Node location and Element connectivity at y=0.0, 61.0 < x < 121.0

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/16/94 By M. B. Lasota
Checked 5/18/94 By
Revised N/A By N/A

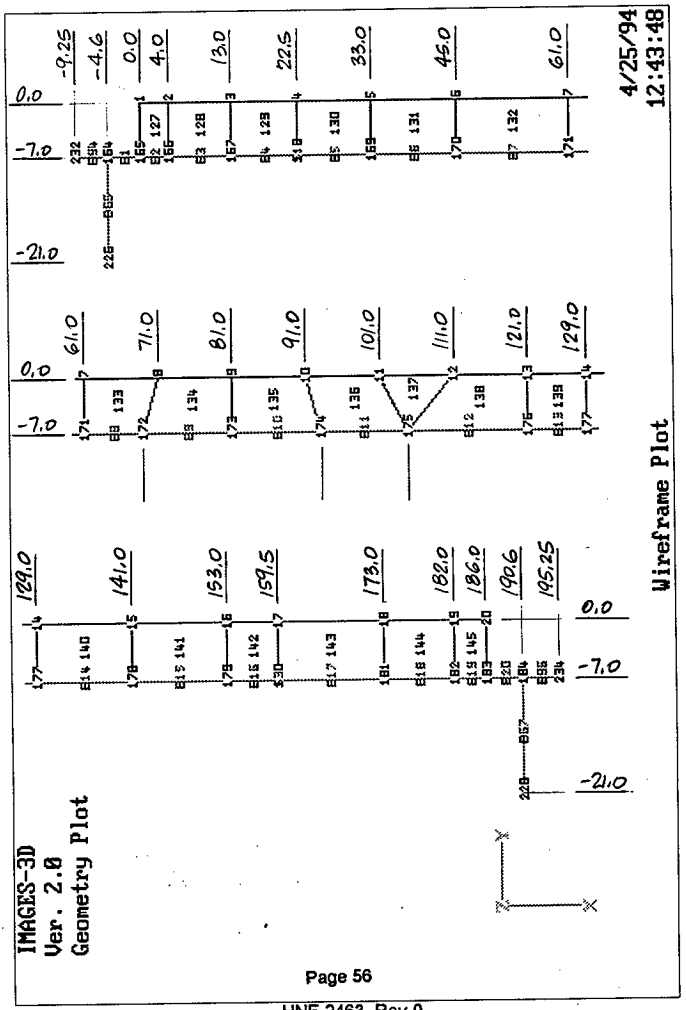


Math Model - Node location and Element connectivity at y=0.0, 121.0 < x < 186.0

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/16/94 By M. B. Lasota
Checked 5/18/94 By George T. Zyd
Revised N/A By N/A



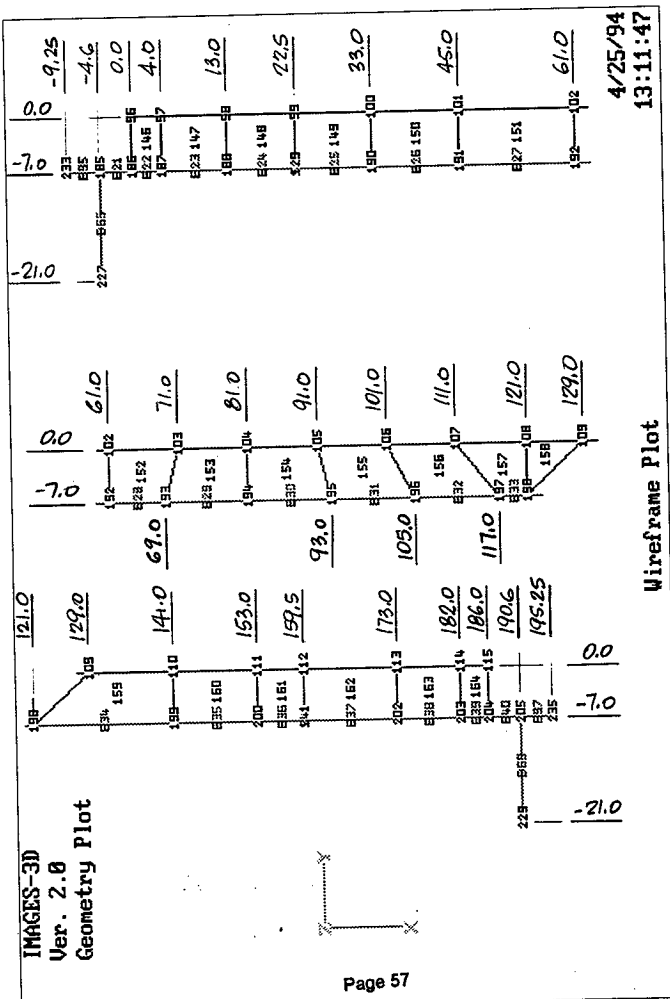
Math Model - Node location and Element connectivity at z=78.0

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/18/94
Checked 5/18/94
Revised N/A

By M. B. Lasota
By George T. Lyon
By N/A

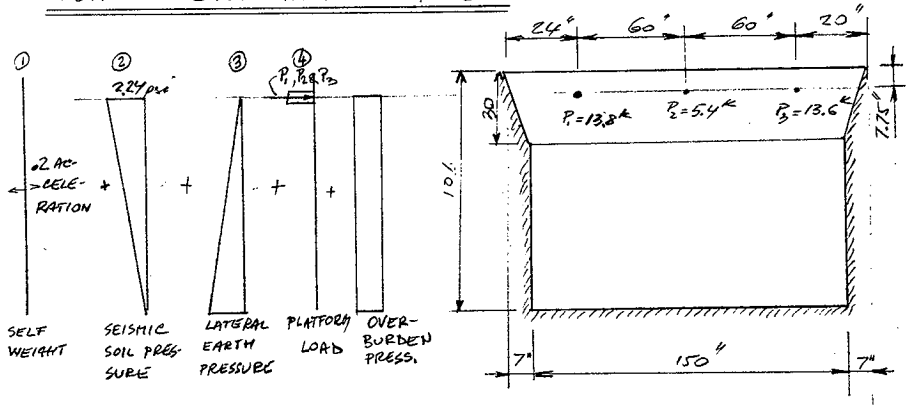


Math Model - Node location and Element connectivity at z=138.0

Client WHC
Subject FLEXIBLE RECEIVER SUPPORTS
PUMP PIT WALL CHECK
Location 241-CR-06A

WO/Job No. CR1257
Date 5/17/94 By George T. Zyn
Checked 5/18/94 By [illegible]
Revised By

PUMP PIT EAST WALL ANALYSIS



LOAD CASE 1 – SELF WEIGHT

FOR CALCULATION USED $0.2g$ ACCELERATION (PER SDC 4.1 REV 12)

LOAD CASE 2 – SEISMIC SOIL PRESSURE

$F_r = \alpha_H C_r \gamma H^2$ (REF.: SEISMIC ANALYSIS OF SAFETY RELATED NUCLEAR STRUCTURES ASCE 4-86 p. 38)

WHERE:

$\alpha_H = 0.2g$ (SDC 4.1 REV. 12)

$C_r = 0.87$ $r = 0.2$

$H = 7.42'$ (USED FOR EASY CALC. – CONSERVAT.)

$\gamma = 110$ ~~psf~~

$F_r = 0.2 \times 0.87 \times 110 \times 7.42^2 = 1054\ \#/ft$

$s = 2 \times 1054 / 7.42 = 284\ psf \cong 2.0\ psi$ USE 2.24 psi CONSERVATIVE OR MC

KAISER ENGINEERS
HANFORD

Calc. No. W320-24-003
Revision 0
Page No. 53 of

DESIGN ANALYSIS

Client	WHC	WO/Job No.	CR1257
Subject	FLEXIBLE RECEIVER SUPPORT. – PUMP PIT WALL CHECK	Date 5/17/94	By George J. Ryan
		Checked 5/18/94	By [signature]
Location	241-CR-06A	Revised	By

LOAD CASE 3 – LATERAL EARTH PRESSURE

SOIL $p = K_a \gamma h$ (REF.: FOUNDATION ENGINEERING HANDBOOK 2ND REV. – YANG FANG – 12.1 p. 452)

WHERE: $K_a = 0.22$

$\gamma = 110$ psf

$h = 7.42'$

$p = 0.22 \times 110 \times 7.42 = 180.0$ psf $= 1.25$ psi

LOAD CASE 4 – PLATFORM LOADS

$P_1 = 13.8^k \longrightarrow p_1 = 13800/6\times6 = 383.3$ psi

$P_2 = 5.4^k \longrightarrow p_2 = 5400/6\times6 = 150.0$ psi

$P_3 = 13.6^k \longrightarrow p_3 = 13600/6\times6 = 377.8$ psi

LOAD CASE 5 – OVERBURDEN PRESSURE (SURCHARGE)

SURCHARGE: $p = 200$ psf/ft depth $= 1.389$ psi/in depth (UBC TAB. 29-B)

MODULUS OF ELASTICITY FOR CRACKED TRANSFORMED SECTION

(– USED IN THE ANALYSIS) (REF. REINFORCED CONCRETE – MECHANICS & DESIGN – J. McGREGOR p. 307)

$E_c = 57000\sqrt{f_c'} = 57000\sqrt{3000} = 3.122\times10^6$

PART FOR $h = 12.5''$	AREA (IN^2)	$\bar{Y}$	$A\cdot\bar{Y}$ (IN^2)
COMPRESSION ZONE	12C	C/2	$6c^2$
TOP STEEL	2.238	C – 1.812	2.238C – 4.056
BOTTOM STEEL	2.238	C – 10.688	2.238C – 23.923

WHERE: AREA OF STEEL: $n = E_s/E_c = 29\times10^6/3.122\times10^6 = 9.29$

TOP: $(9.29-1)\times0.27 = 2.238$ in²

BOTTOM: $(9.29-1)\times0.27 = 2.238$ in²

$\Sigma A\bar{y} = 6c^2 + 4.476c - 27.979$

$c^2 + 0.746c - 4.663 = 0 \rightarrow c = 1.818''$

PART FOR $h = 12.5''$	AREA	$\bar{y}$	I_o	$A\bar{y}^2$
COMPRESSION ZONE	$12 \times 1.818 = 21.821$	0.909	6.01	18.03
TOP STEEL	2.238	+0.0061	—	0.0
BOTTOM STEEL	2.238	−8.87	—	176.08

TOTAL $I = 200.12\ in^4$

$E_m^{12.5} = \frac{200.12}{1953} \times 3.122 \times 10^6 = 3.199 \times 10^5\ psi$

jmc } IN ANALYSIS $E^{12.5} = 3.432E6\ psi$ WAS USED — LOWER MODULUS OF ELASTICITY WILL REDUCE CONTROLLING STRESS — APPROACH CONSERVATIVE

PART FOR $h = 18''$	AREA	$\bar{y}$	$A\bar{y}$
COMPRESSION ZONE	$12c$	$c/2$	$6c^2$
TOP STEEL	2.238	$c - 1.812$	$2.237c - 2.237 \times 1.812$
BOTTOM STEEL	2.238	$c - 16.188$	$2.237c - 16.188 \times 2.237$

$\Sigma = 6c^2 + 4.476c - 40.266$

$c^2 + 0.746c - 6.711 = 0 \rightarrow c = 2.244''$

PART FOR $h = 18''$	AREA	$\bar{y}$	I_o	$A\bar{y}^2$
COMPRESSION ZONE	$12 \times 2.244 = 26.93$	1.122	11.30	33.90
TOP STEEL	2.238	0.432	—	0.42
BOTTOM STEEL	2.238	−13.944	—	435.16

$\Sigma = 480.78\ in^4$

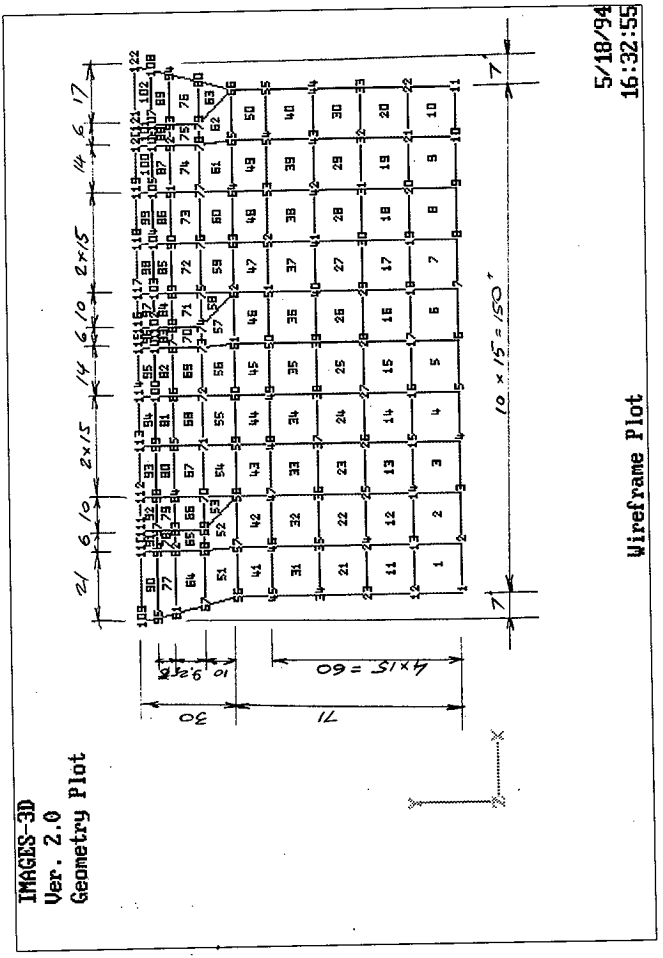
$E_m^{18} = \frac{480.78}{5832} \times 3.122 \times 10^6 = 2.574 \times 10^5\ psi$ — IN ANALYSIS $E = 3.373E6\ psi$ WAS USED SEE NOTE ABOVE

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/17/94
Checked 5/18/94
Revised N/A

By G. J. Zyn
By
By N/A



Client	WHC	WO/Job No.	CR 125
Subject	FLEXIBLE RECEIVER SUPPORT — PUMP PIT WALL CHECK	Date	5/17/94 By George J. Lyon
		Checked	5/18/94 By
Location		Revised	By

LOAD COMBINATION

FOR EQUIVALENT STATIC FORCE METHOD OF STRUCTURE CALCULATION - USE 1.5 COEFFICIENT OF SEISMIC LOADS (REF: US NUCLEAR REGULATORY COMMISSION NUREG-0800, 3.7.2 — SEISMIC SYSTEM ANALYSIS).

$$U = 0.75 \times (1.7\,H + 1.87\,E)$$ PER ACI-318 Sec. 9.2.3 & 9.2.2

Client WHC	WO/Job No. CR1257		
Subject FLEXIBLE RECEIVER SUPPORT – PUMP PIT WALL CHECK	Date 5/18/94	By	
	Checked 5/18/94	By	
Location 241-CR-06A	Revised	By	

PUMP PIT WALL $h = 12.5"$ CHECK (12.5" – AVERAGE). (11' – TOP)

$h = 12.5"$, $d = 12.5 - d_1 = 12.5 - 1.82 = 10.68"$

$d_1 = 1.5 - 0.625/2 = 1.82"$

MAX. STRESS FOR PLATE #89 (SEE ATTACH. # 8 p.54) $\Rightarrow \sigma = 303.8$ #/in. TOP & BOTTOM.

$M^{o}_{max/in.} = (303.8 \times 12.5/2) \times 0.5 \times 2 \times \frac{2}{3} \times 12.5/2 = 7911 \#in = 7.911$ K-in

$M = \frac{7.911 \times 12}{12} \times 14/12 = 9.23$ K-ft/ft.

(WHERE 14" — c-c OF REBARS)

SHEAR – MAX. AT PLATE # 102 $\tau = 127.2$ #/in. (ATT. #8 p. 55)

REBARS (TENSION & COMPRESSION ZONES) CHECKING

(REF. DESIGN HANDBOOK – VOL. I ACI 340.1R-84

FLEXURE EXAMPLE 9 $\phi = .83$)

FOR $d = 10.68"$, $b = 14"$ $F = 0.129 + \frac{0.18}{0.5} \times 0.012 = 0.1333$

$K_u = 9.23/0.1333 = 69.23 \rightarrow$

$\rightarrow \rho = 0.0015 + \frac{16.23}{27} \times 0.0008 = 0.0020$

$A_s = 0.0020 \times 14 \times 10.68 = 0.299 \text{ in}^2 \simeq 0.30 \text{ in}^2$ OK

$\frac{\rho'}{\rho^2} = \frac{0.31}{0.30^2} \simeq 1.0$

$\frac{d_1}{d_2} = \frac{1.82}{10.68} = 0.17$ USE $\frac{d_1}{d_2} = 0.15$ & $\rho = 0.005$

$\rightarrow \gamma = 1.0$

$A_s = \frac{0.3}{1} = 0.3 < 0.31$ OK

Client	WHC	WO/Job No.	CR 1257
Subject	FLEXIBLE RECEIVER SUPPORT – PUMP PIT WALL CHECK	Date	5/18/94 By George T. Ryan
		Checked	5/18/94 By
Location	241-CR-064	Revised	By

PUNCHING SHEAR CHECK

$$V_c = 4\sqrt{f_c} \times a \times d/1000 = 4\sqrt{3000}\left[2(2\times 10.68+6)+2\times 7.75\right]\times 10.68/1000 =$$

$$= 164.3^{k} > 13.77^{k} \quad OK$$

BEAM SHEAR FORCE

$$V_c = 2\sqrt{f_c'}\, bd = 2\sqrt{3000} \times 1 \times (11-1.82) = 1006\,\#/in > 127.2\,\#/in$$

(ACI 318-89 pr. 11.3.1.1 (11-3)) OK.

PUMP PIT WALL $h = 18"$

PER ANALOGY AND LESS FORCES – OK

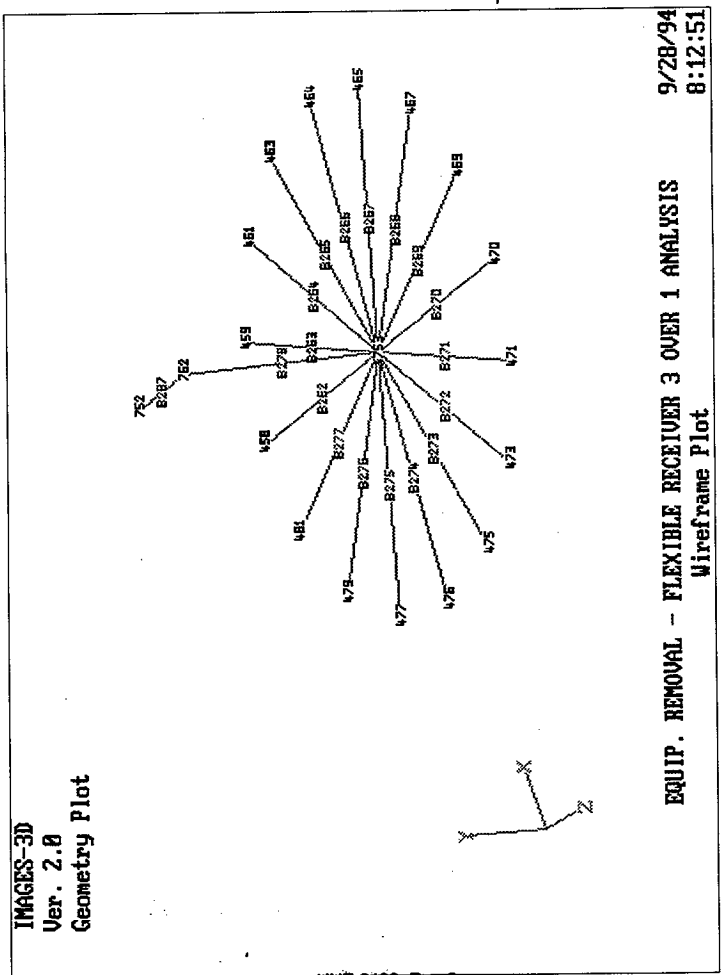
CONCLUSION

THE CONCRETE WALL PIT OF THE 241-CR-064 IS ADEQUATE TO CARRY ALL ADDITIONAL SEISMIC LOADS FROM FLEXIBLE RECEIVER.

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. ER 6160
Date 5/16/94 By M. B. Lasota
Checked 9/30/94 By R. W. Daniels
Revised 9/30/94 By M. B. Lasota



Math Model - Nodes & elements representing the Flexible Receiver.

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis
Location: 241-CR-06A (Pump Pit)

WO/Job No. ER 6160
Date 5/18/94 By Michael B. Lasota
Checked 9/30/94 By K.W. Dowden
Revised 9/30/94 By MICHAEL B. LASOTA

CHECK THE FORCES IN THE BOLTS CONNECTING FLEXIBLE RECEIVER TO THE SHIELDED WORK PLATFORM.

From Attachment 10 the forces for the bolts are (radial component of the shear was neglected due to relatively low stiffness of the attaching ring) :

$V_z := 5075 \cdot lbf$ $T := 2015 \cdot lbf$ Reference Attachment 10

The bolts used in assembly of the Flexible Receiver and the Shielded Work Platform are 3/4" Dia ANSI B18.2.1, 18-8 SST reference drawing H-2-820733 Sheet 1 of 2 rev 0.
From the ninth edition of "Marks' Standard Handbook for Mechanical Engineers" E. A. Avallone & T. Baumaeister 18-8 SST indicates the stainless steel with 18% chromium content and 8% nickel content. This chemical requirement is satisfied by the wide range of types of stainless steel i.e. type 301, type 302, type 302B, type 303, type 304 and type XM7. The stainless steel types 303, 304 & XM7 are included in ASTM " Standard Specification for Stainless Steel Bolts, Hex Cap Screws, and Studs" F 593-91.
The lowest grade of the steel with 18-8 chemical composition is F593B and the strength for the machined specimen is as follows:

$F_u := 70 \cdot ksi$ $F_y := 30 \cdot ksi$

The allowable stress according to the "Manual of Steel Construction - Allowable Stress Design" ninth edition Part 4 Table I-B and Table I-D is:

$F_t := 0.33 \cdot F_u$ $F_t = 23.1 \cdot ksi$ $F_v := 0.17 \cdot F_u$ $F_v = 11.9 \cdot ksi$

The actual stress resulting from the maximum tension and the maximum shear (envelope) is:

$A_b := 0.4418 \cdot in^2$ $f_t := \frac{T}{A_b}$ $f_t = 4.56 \cdot ksi$ $f_v := \frac{V_z}{A_b}$ $f_v = 11.49 \cdot ksi$

The interaction equation is:

$$IF := \left[\left(\frac{f_t}{F_t} \right)^2 + \left(\frac{f_v}{F_v} \right)^2 \right]^{0.5}$$

$IF = 0.99$ $IF \leq 1.0$ ok

In addition to the above the only modification to the platform was a 2'-0" Dia opening provided in the east segment of the platform for the camera access. Since the opening is in the area stiffened by framing members (W12x35) its presence will have a little consequence on the performance of the platform. Since the stress in the members is low and the controlling elements i.e. vertical brackets will experience virtually no change in the magnitude of the reaction, the structural integrity of the Shielded Work Platform will not be affected.

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. ER 6160
Date 5/18/94
Checked 9/30/94
Revised 9/30/94

By M. B. Lasota
By [signature]
By M. B. Lasota

6. CONCLUSIONS.

The analysis revealed, that the stress in all of the structural components of the Pump Pit Equipment Removal System is satisfactory. In addition stress imposed in the Pit wall by the seismic acceleration of the platforms is within allowable limits.

As Built changes resulting from Development Control, other than camera opening, are minor in nature and enhance the strength of the Shielded Work Platform. All stresses therefore remain within their allowable limits. The effect of addition of the camera opening is discussed on the preceding page and found to be acceptable.

KAISER ENGINEERS
HANFORD

Calc. No. W320-24-003
Revision 0
Page No. 1 of 1

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/10/94 By M. B. Lasota
Checked 5/18/94 By George Taylor
Revised N/A By N/A

Attachment 1.

Flexible Receiver - weight and location of the Center of Gravity.

TOTAL 5 PAGES + 1 COVER SHEET

W320-24-003
ATTMT 1 PAGE 1 OF 5

CORRESPONDENCE DISTRIBUTION COVERSHEET

Author	Addressee	Correspondence No.
J. R. Bellomy, 372-1673	W. D. Gallo	KGS-94-004

Subject: PROJECT W-320 - EQUIPMENT REMOVAL SYSTEM, FLEXIBLE RECEIVER WEIGHTS AND CENTER OF GRAVITY

INTERNAL DISTRIBUTION

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		T. N. Shaw	S6-12	
		D. J. Shrimpton	E6-21	
		K. G. Squires	S6-12	
		KGS LB/File	S6-12	
		Project Files	R1-28	

This LOI is designated impact Level 3

Westinghouse Hanford Company — **Internal Memo**

From: Single-Shell Tank Retrieval Engineering KGS-94-004
Phone: 372-2513
Date: February 1, 1994
Subject: PROJECT W-320 - EQUIPMENT REMOVAL SYSTEM, FLEXIBLE RECEIVER WEIGHTS AND CENTER OF GRAVITY

To: W. D. Gallo E6-21

cc: See Attached Distribution
KGS File/LB S4-55

The purpose of this Letter of Instruction (LOI) is to provide Kaiser Engineers Hanford Company (KEH) with requested design information on the flexible receiver system.

To support the three over one analysis of the flexible receiver sub-system, KEH is directed to proceed with the analysis using the estimated CGs (or a more conservative CG, as deemed appropriate by KEH), which are attached.

The actual weight and estimated center of gravity (CG) for each of the components requested are included in the attached memorandum and corresponding sketches. The weights of the components were determined by physical measurement. The CGs have been estimated and are assumed to be conservative.

As a follow-on activity, KEH shall also be responsible for performance of calculations necessary to verify the assumed CGs. The calculation of the CGs is intended for verification purposes only and shall not be cause to delay completion of the three over one analysis based on the estimated values. Following the completion of the CG calculations, KEH shall reconcile estimated CG with the calculated CGs to ensure values included in the three over one analysis were conservative. This work shall be completed prior to the component being used in Tank Farms.

Should you have any questions or need an additional information please contact Mr. J. R. Bellomy of my staff at 372-1763.

K. G. Squires
Manager
Single-Shell Tank Retrieval Engineering

mrs

Attachment

W320-24-003
ATTMT 1 PAGE 3 OF 5

Westinghouse Hanford Company — **Internal Memo**

From: Component Engineering
Phone: 376-3489 H5-70
Date: January 21, 1994
Subject: 42" FLEXIBLE RECEIVER SUBASSEMBLY WEIGHTS

To: J. R. Bellomy S4-55

cc: R. E. Russell H5-70
DEL-File/LB

The following are the weights of the subassemblies on the 42" Flexible Receiver (sketch attached). Weights of the components were measured by a digital dynamometer (750-29-06-004).

42" Radiation Monitor Spool Assy	1147
42" Radiation Monitor Lead	975 *
Gamma Assay Equipment on 42" Rad. Mon.	60 *
Top Assy Baseplate and Bag Cartridge	1135
42" 70' Flexible Receiver Bag	290
Top Assy Platform (Bag closure and cutting equip)	900

All of the equipment has a center of gravity down the center line of the 50" ID opening. The Top Assy Platform center of gravity is 52" away from the center line of the 50" opening.

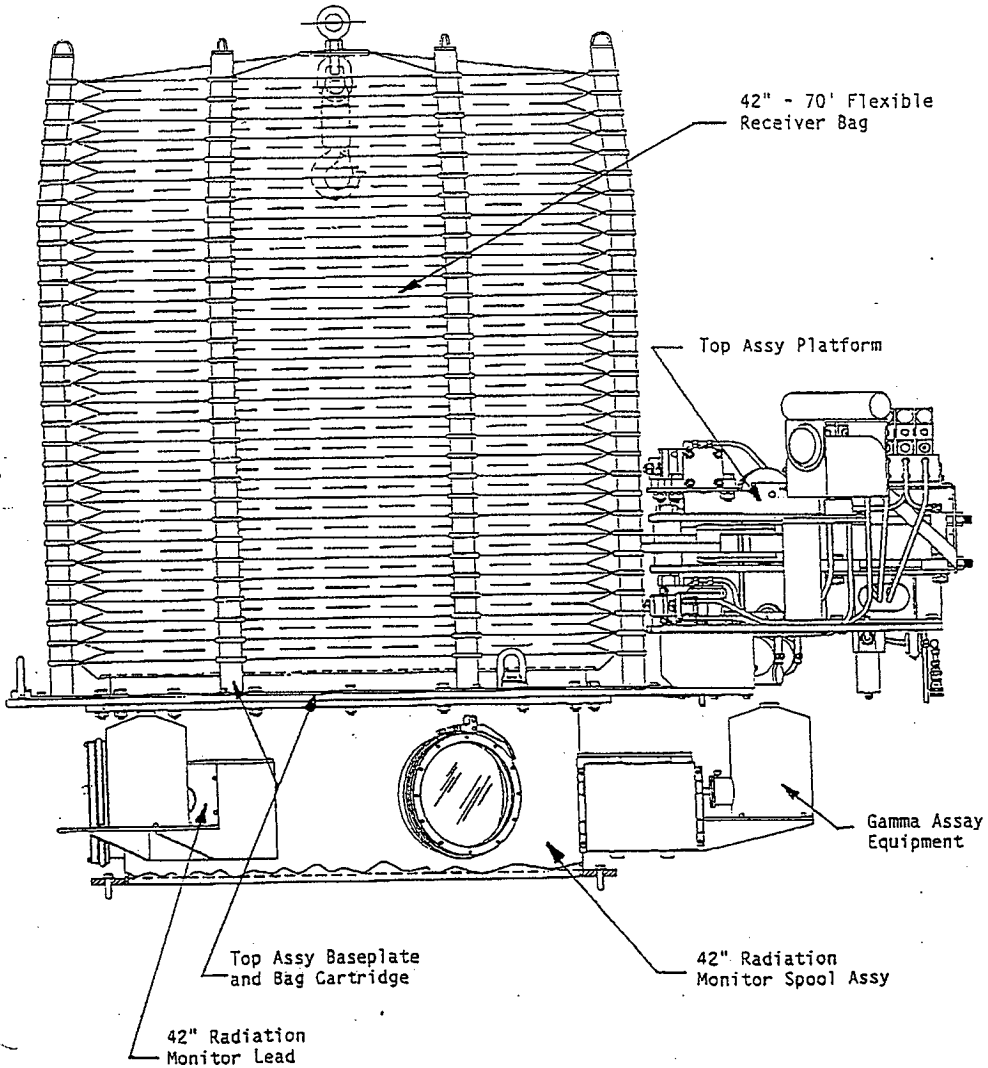
D. E. Legare
Principal Engineer

\kph

Attachment

* TOTAL WEIGHT FOR ALL THREE COMPONENTS.

42" FLEXIBLE RECEIVER



KAISER ENGINEERS HANFORD Fax 373-5030

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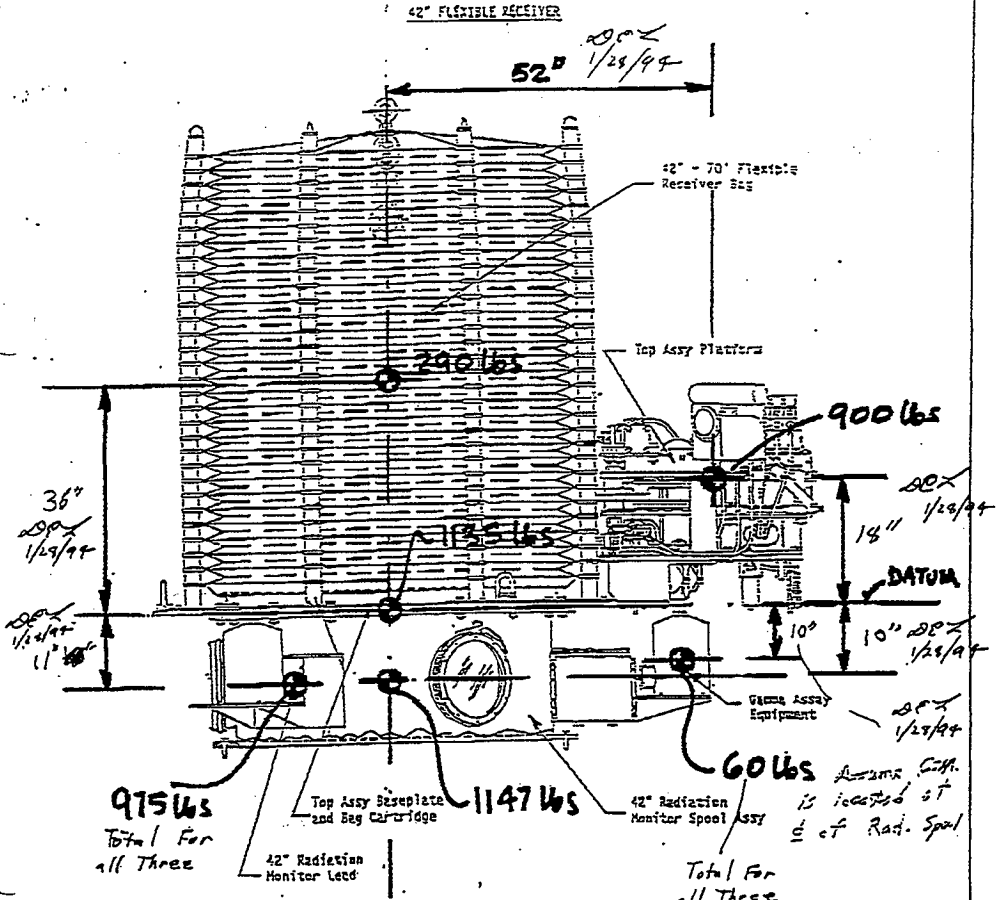
Calc. No. W320-24-003
Revision 0
Page No. of

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support Design and analysis.
Location 200E

WO/Job No. ER 4289
Date
By ~~W. B. Lasota~~
Checked By
Revised By



DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/10/94
Checked 5/18/94
Revised N/A

By M. B. Lasota
By George T. Labyn
By N/A

Attachment 2.

Modal Analysis - Run ID=QQ20804.

Date: 04-18-1994; Time: 09:28:18

TOTAL 47 PAGES + 3 COVER SHEETS

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

MATERIAL PROPERTIES

Material No	Modulus of Elasticity	Weight Density	Coeff of Thermal Exp:	Poisson's Ratio	Shear Web Modulus
1	3.00000E+07	7.00200E-01	0.00000E+00	3.00E-01	1.12000E+07
2	1.00000E+09	1.00000E-09	0.00000E+00	3.00E-01	3.85000E+08
3	3.00000E+07	2.83000E-01	0.00000E+00	3.00E-01	1.12000E+07

NODE COORDINATES

Node	X-Coord.	Y-Coord.	Z-Coord.
1	0.00000E+00	0.00000E+00	0.00000E+00
2	4.00000E+00	0.00000E+00	0.00000E+00
3	1.30000E+01	0.00000E+00	0.00000E+00
4	2.30000E+01	0.00000E+00	0.00000E+00
5	3.30000E+01	0.00000E+00	0.00000E+00
6	4.50000E+01	0.00000E+00	0.00000E+00
7	5.70000E+01	0.00000E+00	0.00000E+00
8	6.90000E+01	0.00000E+00	0.00000E+00
9	8.10000E+01	0.00000E+00	0.00000E+00
10	9.30000E+01	0.00000E+00	0.00000E+00
11	1.05000E+02	0.00000E+00	0.00000E+00
12	1.17000E+02	0.00000E+00	0.00000E+00
13	1.29000E+02	0.00000E+00	0.00000E+00
14	1.41000E+02	0.00000E+00	0.00000E+00
15	1.53000E+02	0.00000E+00	0.00000E+00
16	1.63000E+02	0.00000E+00	0.00000E+00
17	1.73000E+02	0.00000E+00	0.00000E+00
18	1.82000E+02	0.00000E+00	0.00000E+00
19	1.86000E+02	0.00000E+00	0.00000E+00
20	0.00000E+00	0.00000E+00	4.00000E+00
21	4.00000E+00	0.00000E+00	4.00000E+00
22	1.30000E+01	0.00000E+00	4.00000E+00
23	2.30000E+01	0.00000E+00	4.00000E+00
24	3.30000E+01	0.00000E+00	4.00000E+00
25	4.50000E+01	0.00000E+00	4.00000E+00
26	5.70000E+01	0.00000E+00	4.00000E+00
27	6.90000E+01	0.00000E+00	4.00000E+00
28	8.10000E+01	0.00000E+00	4.00000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
29	9.30000E+01	0.00000E+00	4.00000E+00
30	1.05000E+02	0.00000E+00	4.00000E+00
31	1.17000E+02	0.00000E+00	4.00000E+00
32	1.29000E+02	0.00000E+00	4.00000E+00
33	1.41000E+02	0.00000E+00	4.00000E+00
34	1.53000E+02	0.00000E+00	4.00000E+00
35	1.63000E+02	0.00000E+00	4.00000E+00
36	1.73000E+02	0.00000E+00	4.00000E+00
37	1.82000E+02	0.00000E+00	4.00000E+00
38	1.86000E+02	0.00000E+00	4.00000E+00
39	0.00000E+00	0.00000E+00	1.40000E+01
40	4.00000E+00	0.00000E+00	1.40000E+01
41	1.30000E+01	0.00000E+00	1.40000E+01
42	2.30000E+01	0.00000E+00	1.40000E+01
43	3.30000E+01	0.00000E+00	1.40000E+01
44	4.50000E+01	0.00000E+00	1.40000E+01
45	5.70000E+01	0.00000E+00	1.40000E+01
46	6.90000E+01	0.00000E+00	1.40000E+01
47	8.10000E+01	0.00000E+00	1.40000E+01
48	9.30000E+01	0.00000E+00	1.40000E+01
49	1.05000E+02	0.00000E+00	1.40000E+01
50	1.17000E+02	0.00000E+00	1.40000E+01
51	1.29000E+02	0.00000E+00	1.40000E+01
52	1.41000E+02	0.00000E+00	1.40000E+01
53	1.53000E+02	0.00000E+00	1.40000E+01
54	1.63000E+02	0.00000E+00	1.40000E+01
55	1.73000E+02	0.00000E+00	1.40000E+01
56	1.82000E+02	0.00000E+00	1.40000E+01
57	1.86000E+02	0.00000E+00	1.40000E+01
58	0.00000E+00	0.00000E+00	2.40000E+01
59	4.00000E+00	0.00000E+00	2.40000E+01
60	1.30000E+01	0.00000E+00	2.40000E+01
61	2.30000E+01	0.00000E+00	2.40000E+01
62	3.30000E+01	0.00000E+00	2.40000E+01
63	4.50000E+01	0.00000E+00	2.40000E+01
64	5.70000E+01	0.00000E+00	2.40000E+01
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66	8.10000E+01	0.00000E+00	2.40000E+01
67	9.30000E+01	0.00000E+00	2.40000E+01
68	1.05000E+02	0.00000E+00	2.40000E+01
69	1.17000E+02	0.00000E+00	2.40000E+01
70	1.29000E+02	0.00000E+00	2.40000E+01

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
71	1.41000E+02	0.00000E+00	2.40000E+01
72	1.53000E+02	0.00000E+00	2.40000E+01
73	1.63000E+02	0.00000E+00	2.40000E+01
74	1.73000E+02	0.00000E+00	2.40000E+01
75	1.82000E+02	0.00000E+00	2.40000E+01
76	1.86000E+02	0.00000E+00	2.40000E+01
77	0.00000E+00	0.00000E+00	3.60000E+01
78	4.00000E+00	0.00000E+00	3.60000E+01
79	1.30000E+01	0.00000E+00	3.60000E+01
80	2.30000E+01	0.00000E+00	3.60000E+01
81	3.30000E+01	0.00000E+00	3.60000E+01
82	4.50000E+01	0.00000E+00	3.60000E+01
83	5.70000E+01	0.00000E+00	3.60000E+01
84	6.90000E+01	0.00000E+00	3.60000E+01
85	8.10000E+01	0.00000E+00	3.60000E+01
86	9.30000E+01	0.00000E+00	3.60000E+01
87	1.05000E+02	0.00000E+00	3.60000E+01
88	1.17000E+02	0.00000E+00	3.60000E+01
89	1.29000E+02	0.00000E+00	3.60000E+01
90	1.41000E+02	0.00000E+00	3.60000E+01
91	1.53000E+02	0.00000E+00	3.60000E+01
92	1.63000E+02	0.00000E+00	3.60000E+01
93	1.73000E+02	0.00000E+00	3.60000E+01
94	1.82000E+02	0.00000E+00	3.60000E+01
95	1.86000E+02	0.00000E+00	3.60000E+01
96	0.00000E+00	0.00000E+00	4.80000E+01
97	4.00000E+00	0.00000E+00	4.80000E+01
98	1.30000E+01	0.00000E+00	4.80000E+01
99	2.30000E+01	0.00000E+00	4.80000E+01
100	3.30000E+01	0.00000E+00	4.80000E+01
101	4.50000E+01	0.00000E+00	4.80000E+01
102	5.70000E+01	0.00000E+00	4.80000E+01
103	6.90000E+01	0.00000E+00	4.80000E+01
104	8.10000E+01	0.00000E+00	4.80000E+01
105	9.30000E+01	0.00000E+00	4.80000E+01
106	1.05000E+02	0.00000E+00	4.80000E+01
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109	1.41000E+02	0.00000E+00	4.80000E+01
110	1.53000E+02	0.00000E+00	4.80000E+01
111	1.63000E+02	0.00000E+00	4.80000E+01
112	1.73000E+02	0.00000E+00	4.80000E+01

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
113	1.82000E+02	0.00000E+00	4.80000E+01
114	1.86000E+02	0.00000E+00	4.80000E+01
115	0.00000E+00	0.00000E+00	6.00000E+01
116	4.00000E+00	0.00000E+00	6.00000E+01
117	1.30000E+01	0.00000E+00	6.00000E+01
118	2.30000E+01	0.00000E+00	6.00000E+01
119	3.30000E+01	0.00000E+00	6.00000E+01
120	4.50000E+01	0.00000E+00	6.00000E+01
121	5.70000E+01	0.00000E+00	6.00000E+01
122	6.90000E+01	0.00000E+00	6.00000E+01
123	8.10000E+01	0.00000E+00	6.00000E+01
124	9.30000E+01	0.00000E+00	6.00000E+01
125	1.05000E+02	0.00000E+00	6.00000E+01
126	1.17000E+02	0.00000E+00	6.00000E+01
127	1.29000E+02	0.00000E+00	6.00000E+01
128	1.41000E+02	0.00000E+00	6.00000E+01
129	1.53000E+02	0.00000E+00	6.00000E+01
130	1.63000E+02	0.00000E+00	6.00000E+01
131	1.73000E+02	0.00000E+00	6.00000E+01
132	1.82000E+02	0.00000E+00	6.00000E+01
133	1.86000E+02	0.00000E+00	6.00000E+01
134	0.00000E+00	0.00000E+00	7.10000E+01
135	4.00000E+00	0.00000E+00	7.10000E+01
136	1.30000E+01	0.00000E+00	7.10000E+01
137	2.30000E+01	0.00000E+00	7.10000E+01
138	3.30000E+01	0.00000E+00	7.10000E+01
139	4.50000E+01	0.00000E+00	7.10000E+01
140	5.70000E+01	0.00000E+00	7.10000E+01
141	6.90000E+01	0.00000E+00	7.10000E+01
142	8.10000E+01	0.00000E+00	7.10000E+01
143	9.30000E+01	0.00000E+00	7.10000E+01
144	1.05000E+02	0.00000E+00	7.10000E+01
145	1.17000E+02	0.00000E+00	7.10000E+01
146	1.29000E+02	0.00000E+00	7.10000E+01
147	1.41000E+02	0.00000E+00	7.10000E+01
148	1.53000E+02	0.00000E+00	7.10000E+01
149	1.63000E+02	0.00000E+00	7.10000E+01
150	1.73000E+02	0.00000E+00	7.10000E+01
151	1.82000E+02	0.00000E+00	7.10000E+01
152	1.86000E+02	0.00000E+00	7.10000E+01
153	0.00000E+00	0.00000E+00	7.79000E+01
154	4.00000E+00	0.00000E+00	7.79000E+01

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
155	1.30000E+01	0.00000E+00	7.79000E+01
156	2.30000E+01	0.00000E+00	7.79000E+01
157	3.30000E+01	0.00000E+00	7.79000E+01
158	4.50000E+01	0.00000E+00	7.79000E+01
159	5.70000E+01	0.00000E+00	7.79000E+01
160	6.90000E+01	0.00000E+00	7.79000E+01
161	8.10000E+01	0.00000E+00	7.79000E+01
162	9.30000E+01	0.00000E+00	7.79000E+01
163	1.05000E+02	0.00000E+00	7.79000E+01
164	1.17000E+02	0.00000E+00	7.79000E+01
165	1.29000E+02	0.00000E+00	7.79000E+01
166	1.41000E+02	0.00000E+00	7.79000E+01
167	1.53000E+02	0.00000E+00	7.79000E+01
168	1.63000E+02	0.00000E+00	7.79000E+01
169	1.73000E+02	0.00000E+00	7.79000E+01
170	1.82000E+02	0.00000E+00	7.79000E+01
171	1.86000E+02	0.00000E+00	7.79000E+01
172	0.00000E+00	0.00000E+00	7.80000E+01
173	4.00000E+00	0.00000E+00	7.80000E+01
174	1.30000E+01	0.00000E+00	7.80000E+01
175	2.30000E+01	0.00000E+00	7.80000E+01
176	3.30000E+01	0.00000E+00	7.80000E+01
177	4.50000E+01	0.00000E+00	7.80000E+01
178	6.10000E+01	0.00000E+00	7.80000E+01
179	7.10000E+01	0.00000E+00	7.80000E+01
180	8.10000E+01	0.00000E+00	7.80000E+01
181	9.10000E+01	0.00000E+00	7.80000E+01
182	1.01000E+02	0.00000E+00	7.80000E+01
183	1.11000E+02	0.00000E+00	7.80000E+01
184	1.21000E+02	0.00000E+00	7.80000E+01
185	1.29000E+02	0.00000E+00	7.80000E+01
186	1.41000E+02	0.00000E+00	7.80000E+01
187	1.53000E+02	0.00000E+00	7.80000E+01
188	1.63000E+02	0.00000E+00	7.80000E+01
189	1.73000E+02	0.00000E+00	7.80000E+01
190	1.82000E+02	0.00000E+00	7.80000E+01
191	1.86000E+02	0.00000E+00	7.80000E+01
192	0.00000E+00	0.00000E+00	8.80000E+01
193	4.00000E+00	0.00000E+00	8.80000E+01
194	1.30000E+01	0.00000E+00	8.80000E+01
195	2.30000E+01	0.00000E+00	8.80000E+01
196	3.30000E+01	0.00000E+00	8.80000E+01

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
197	4.50000E+01	0.00000E+00	8.80000E+01
198	6.10000E+01	0.00000E+00	8.80000E+01
199	1.21000E+02	0.00000E+00	8.80000E+01
200	1.29000E+02	0.00000E+00	8.80000E+01
201	1.41000E+02	0.00000E+00	8.80000E+01
202	1.53000E+02	0.00000E+00	8.80000E+01
203	1.63000E+02	0.00000E+00	8.80000E+01
204	1.73000E+02	0.00000E+00	8.80000E+01
205	1.82000E+02	0.00000E+00	8.80000E+01
206	1.86000E+02	0.00000E+00	8.80000E+01
207	0.00000E+00	0.00000E+00	9.80000E+01
208	4.00000E+00	0.00000E+00	9.80000E+01
209	1.30000E+01	0.00000E+00	9.80000E+01
210	2.30000E+01	0.00000E+00	9.80000E+01
211	3.30000E+01	0.00000E+00	9.80000E+01
212	4.50000E+01	0.00000E+00	9.80000E+01
213	6.10000E+01	0.00000E+00	9.80000E+01
214	1.21000E+02	0.00000E+00	9.80000E+01
215	1.29000E+02	0.00000E+00	9.80000E+01
216	1.41000E+02	0.00000E+00	9.80000E+01
217	1.53000E+02	0.00000E+00	9.80000E+01
218	1.63000E+02	0.00000E+00	9.80000E+01
219	1.73000E+02	0.00000E+00	9.80000E+01
220	1.82000E+02	0.00000E+00	9.80000E+01
221	1.86000E+02	0.00000E+00	9.80000E+01
222	0.00000E+00	0.00000E+00	1.08000E+02
223	4.00000E+00	0.00000E+00	1.08000E+02
224	1.30000E+01	0.00000E+00	1.08000E+02
225	2.30000E+01	0.00000E+00	1.08000E+02
226	3.30000E+01	0.00000E+00	1.08000E+02
227	4.50000E+01	0.00000E+00	1.08000E+02
228	6.10000E+01	0.00000E+00	1.08000E+02
229	1.21000E+02	0.00000E+00	1.08000E+02
230	1.29000E+02	0.00000E+00	1.08000E+02
231	1.41000E+02	0.00000E+00	1.08000E+02
232	1.53000E+02	0.00000E+00	1.08000E+02
233	1.63000E+02	0.00000E+00	1.08000E+02
234	1.73000E+02	0.00000E+00	1.08000E+02
235	1.82000E+02	0.00000E+00	1.08000E+02
236	1.86000E+02	0.00000E+00	1.08000E+02
237	0.00000E+00	0.00000E+00	1.18000E+02
238	4.00000E+00	0.00000E+00	1.18000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
239	1.30000E+01	0.00000E+00	1.18000E+02
240	2.30000E+01	0.00000E+00	1.18000E+02
241	3.30000E+01	0.00000E+00	1.18000E+02
242	4.50000E+01	0.00000E+00	1.18000E+02
243	6.10000E+01	0.00000E+00	1.18000E+02
244	1.21000E+02	0.00000E+00	1.18000E+02
245	1.29000E+02	0.00000E+00	1.18000E+02
246	1.41000E+02	0.00000E+00	1.18000E+02
247	1.53000E+02	0.00000E+00	1.18000E+02
248	1.63000E+02	0.00000E+00	1.18000E+02
249	1.73000E+02	0.00000E+00	1.18000E+02
250	1.82000E+02	0.00000E+00	1.18000E+02
251	1.86000E+02	0.00000E+00	1.18000E+02
252	0.00000E+00	0.00000E+00	1.28000E+02
253	4.00000E+00	0.00000E+00	1.28000E+02
254	1.30000E+01	0.00000E+00	1.28000E+02
255	2.30000E+01	0.00000E+00	1.28000E+02
256	3.30000E+01	0.00000E+00	1.28000E+02
257	4.50000E+01	0.00000E+00	1.28000E+02
258	6.10000E+01	0.00000E+00	1.28000E+02
259	1.21000E+02	0.00000E+00	1.28000E+02
260	1.29000E+02	0.00000E+00	1.28000E+02
261	1.41000E+02	0.00000E+00	1.28000E+02
262	1.53000E+02	0.00000E+00	1.28000E+02
263	1.63000E+02	0.00000E+00	1.28000E+02
264	1.73000E+02	0.00000E+00	1.28000E+02
265	1.82000E+02	0.00000E+00	1.28000E+02
266	1.86000E+02	0.00000E+00	1.28000E+02
267	0.00000E+00	0.00000E+00	1.38000E+02
268	4.00000E+00	0.00000E+00	1.38000E+02
269	1.30000E+01	0.00000E+00	1.38000E+02
270	2.30000E+01	0.00000E+00	1.38000E+02
271	3.30000E+01	0.00000E+00	1.38000E+02
272	4.50000E+01	0.00000E+00	1.38000E+02
273	6.10000E+01	0.00000E+00	1.38000E+02
274	7.10000E+01	0.00000E+00	1.38000E+02
275	8.10000E+01	0.00000E+00	1.38000E+02
276	9.10000E+01	0.00000E+00	1.38000E+02
277	1.01000E+02	0.00000E+00	1.38000E+02
278	1.11000E+02	0.00000E+00	1.38000E+02
279	1.21000E+02	0.00000E+00	1.38000E+02
280	1.29000E+02	0.00000E+00	1.38000E+02

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Node	X-Coord.	Y-Coord.	Z-Coord.
281	1.41000E+02	0.00000E+00	1.38000E+02
282	1.53000E+02	0.00000E+00	1.38000E+02
283	1.63000E+02	0.00000E+00	1.38000E+02
284	1.73000E+02	0.00000E+00	1.38000E+02
285	1.82000E+02	0.00000E+00	1.38000E+02
286	1.86000E+02	0.00000E+00	1.38000E+02
287	0.00000E+00	0.00000E+00	1.38100E+02
288	4.00000E+00	0.00000E+00	1.38100E+02
289	1.30000E+01	0.00000E+00	1.38100E+02
290	2.30000E+01	0.00000E+00	1.38100E+02
291	3.30000E+01	0.00000E+00	1.38100E+02
292	4.50000E+01	0.00000E+00	1.38100E+02
293	5.70000E+01	0.00000E+00	1.38100E+02
294	6.90000E+01	0.00000E+00	1.38100E+02
295	7.80000E+01	0.00000E+00	1.38100E+02
296	9.30000E+01	0.00000E+00	1.38100E+02
297	1.08000E+02	0.00000E+00	1.38100E+02
298	1.17000E+02	0.00000E+00	1.38100E+02
299	1.29000E+02	0.00000E+00	1.38100E+02
300	1.41000E+02	0.00000E+00	1.38100E+02
301	1.53000E+02	0.00000E+00	1.38100E+02
302	1.63000E+02	0.00000E+00	1.38100E+02
303	1.73000E+02	0.00000E+00	1.38100E+02
304	1.82000E+02	0.00000E+00	1.38100E+02
305	1.86000E+02	0.00000E+00	1.38100E+02
306	0.00000E+00	0.00000E+00	1.45000E+02
307	4.00000E+00	0.00000E+00	1.45000E+02
308	1.30000E+01	0.00000E+00	1.45000E+02
309	2.30000E+01	0.00000E+00	1.45000E+02
310	3.30000E+01	0.00000E+00	1.45000E+02
311	4.50000E+01	0.00000E+00	1.45000E+02
312	5.70000E+01	0.00000E+00	1.45000E+02
313	6.90000E+01	0.00000E+00	1.45000E+02
314	7.80000E+01	0.00000E+00	1.45000E+02
315	9.30000E+01	0.00000E+00	1.45000E+02
316	1.08000E+02	0.00000E+00	1.45000E+02
317	1.17000E+02	0.00000E+00	1.45000E+02
318	1.29000E+02	0.00000E+00	1.45000E+02
319	1.41000E+02	0.00000E+00	1.45000E+02
320	1.53000E+02	0.00000E+00	1.45000E+02
321	1.63000E+02	0.00000E+00	1.45000E+02
322	1.73000E+02	0.00000E+00	1.45000E+02

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Node	X-Coord.	Y-Coord.	Z-Coord.
323	1.82000E+02	0.00000E+00	1.45000E+02
324	1.86000E+02	0.00000E+00	1.45000E+02
325	0.00000E+00	0.00000E+00	1.56000E+02
326	4.00000E+00	0.00000E+00	1.56000E+02
327	1.30000E+01	0.00000E+00	1.56000E+02
328	2.30000E+01	0.00000E+00	1.56000E+02
329	3.30000E+01	0.00000E+00	1.56000E+02
330	4.50000E+01	0.00000E+00	1.56000E+02
331	5.70000E+01	0.00000E+00	1.56000E+02
332	6.90000E+01	0.00000E+00	1.56000E+02
333	7.80000E+01	0.00000E+00	1.56000E+02
334	9.30000E+01	0.00000E+00	1.56000E+02
335	1.08000E+02	0.00000E+00	1.56000E+02
336	1.17000E+02	0.00000E+00	1.56000E+02
337	1.29000E+02	0.00000E+00	1.56000E+02
338	1.41000E+02	0.00000E+00	1.56000E+02
339	1.53000E+02	0.00000E+00	1.56000E+02
340	1.63000E+02	0.00000E+00	1.56000E+02
341	1.73000E+02	0.00000E+00	1.56000E+02
342	1.82000E+02	0.00000E+00	1.56000E+02
343	1.86000E+02	0.00000E+00	1.56000E+02
344	0.00000E+00	0.00000E+00	1.68000E+02
345	4.00000E+00	0.00000E+00	1.68000E+02
346	1.30000E+01	0.00000E+00	1.68000E+02
347	2.30000E+01	0.00000E+00	1.68000E+02
348	3.30000E+01	0.00000E+00	1.68000E+02
349	4.50000E+01	0.00000E+00	1.68000E+02
350	5.70000E+01	0.00000E+00	1.68000E+02
351	6.90000E+01	0.00000E+00	1.68000E+02
352	7.80000E+01	0.00000E+00	1.68000E+02
353	9.30000E+01	0.00000E+00	1.68000E+02
354	1.08000E+02	0.00000E+00	1.68000E+02
355	1.17000E+02	0.00000E+00	1.68000E+02
356	1.29000E+02	0.00000E+00	1.68000E+02
357	1.41000E+02	0.00000E+00	1.68000E+02
358	1.53000E+02	0.00000E+00	1.68000E+02
359	1.63000E+02	0.00000E+00	1.68000E+02
360	1.73000E+02	0.00000E+00	1.68000E+02
361	1.82000E+02	0.00000E+00	1.68000E+02
362	1.86000E+02	0.00000E+00	1.68000E+02
363	0.00000E+00	0.00000E+00	1.80000E+02
364	4.00000E+00	0.00000E+00	1.80000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	.Z-Coord.
365	1.30000E+01	0.00000E+00	1.80000E+02
366	2.30000E+01	0.00000E+00	1.80000E+02
367	3.30000E+01	0.00000E+00	1.80000E+02
368	4.50000E+01	0.00000E+00	1.80000E+02
369	5.70000E+01	0.00000E+00	1.80000E+02
370	6.90000E+01	0.00000E+00	1.80000E+02
371	7.80000E+01	0.00000E+00	1.80000E+02
372	9.30000E+01	0.00000E+00	1.80000E+02
373	1.08000E+02	0.00000E+00	1.80000E+02
374	1.17000E+02	0.00000E+00	1.80000E+02
375	1.29000E+02	0.00000E+00	1.80000E+02
376	1.41000E+02	0.00000E+00	1.80000E+02
377	1.53000E+02	0.00000E+00	1.80000E+02
378	1.63000E+02	0.00000E+00	1.80000E+02
379	1.73000E+02	0.00000E+00	1.80000E+02
380	1.82000E+02	0.00000E+00	1.80000E+02
381	1.86000E+02	0.00000E+00	1.80000E+02
382	0.00000E+00	0.00000E+00	1.92000E+02
383	4.00000E+00	0.00000E+00	1.92000E+02
384	1.30000E+01	0.00000E+00	1.92000E+02
385	2.30000E+01	0.00000E+00	1.92000E+02
386	3.30000E+01	0.00000E+00	1.92000E+02
387	4.50000E+01	0.00000E+00	1.92000E+02
388	5.70000E+01	0.00000E+00	1.92000E+02
389	6.90000E+01	0.00000E+00	1.92000E+02
390	7.80000E+01	0.00000E+00	1.92000E+02
391	9.30000E+01	0.00000E+00	1.92000E+02
392	1.08000E+02	0.00000E+00	1.92000E+02
393	1.17000E+02	0.00000E+00	1.92000E+02
394	1.29000E+02	0.00000E+00	1.92000E+02
395	1.41000E+02	0.00000E+00	1.92000E+02
396	1.53000E+02	0.00000E+00	1.92000E+02
397	1.63000E+02	0.00000E+00	1.92000E+02
398	1.73000E+02	0.00000E+00	1.92000E+02
399	1.82000E+02	0.00000E+00	1.92000E+02
400	1.86000E+02	0.00000E+00	1.92000E+02
401	0.00000E+00	0.00000E+00	2.02000E+02
402	4.00000E+00	0.00000E+00	2.02000E+02
403	1.30000E+01	0.00000E+00	2.02000E+02
404	2.30000E+01	0.00000E+00	2.02000E+02
405	3.30000E+01	0.00000E+00	2.02000E+02
406	4.50000E+01	0.00000E+00	2.02000E+02

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Node	X-Coord.	Y-Coord.	Z-Coord.
407	5.70000E+01	0.00000E+00	2.02000E+02
408	6.90000E+01	0.00000E+00	2.02000E+02
409	7.80000E+01	0.00000E+00	2.02000E+02
410	9.30000E+01	0.00000E+00	2.02000E+02
411	1.08000E+02	0.00000E+00	2.02000E+02
412	1.17000E+02	0.00000E+00	2.02000E+02
413	1.29000E+02	0.00000E+00	2.02000E+02
414	1.41000E+02	0.00000E+00	2.02000E+02
415	1.53000E+02	0.00000E+00	2.02000E+02
416	1.63000E+02	0.00000E+00	2.02000E+02
417	1.73000E+02	0.00000E+00	2.02000E+02
418	1.82000E+02	0.00000E+00	2.02000E+02
419	1.86000E+02	0.00000E+00	2.02000E+02
420	0.00000E+00	0.00000E+00	2.12000E+02
421	4.00000E+00	0.00000E+00	2.12000E+02
422	1.30000E+01	0.00000E+00	2.12000E+02
423	2.30000E+01	0.00000E+00	2.12000E+02
424	3.30000E+01	0.00000E+00	2.12000E+02
425	4.50000E+01	0.00000E+00	2.12000E+02
426	5.70000E+01	0.00000E+00	2.12000E+02
427	6.90000E+01	0.00000E+00	2.12000E+02
428	7.80000E+01	0.00000E+00	2.12000E+02
429	9.30000E+01	0.00000E+00	2.12000E+02
430	1.08000E+02	0.00000E+00	2.12000E+02
431	1.17000E+02	0.00000E+00	2.12000E+02
432	1.29000E+02	0.00000E+00	2.12000E+02
433	1.41000E+02	0.00000E+00	2.12000E+02
434	1.53000E+02	0.00000E+00	2.12000E+02
435	1.63000E+02	0.00000E+00	2.12000E+02
436	1.73000E+02	0.00000E+00	2.12000E+02
437	1.82000E+02	0.00000E+00	2.12000E+02
438	1.86000E+02	0.00000E+00	2.12000E+02
439	0.00000E+00	0.00000E+00	2.16000E+02
440	4.00000E+00	0.00000E+00	2.16000E+02
441	1.30000E+01	0.00000E+00	2.16000E+02
442	2.30000E+01	0.00000E+00	2.16000E+02
443	3.30000E+01	0.00000E+00	2.16000E+02
444	4.50000E+01	0.00000E+00	2.16000E+02
445	5.70000E+01	0.00000E+00	2.16000E+02
446	6.90000E+01	0.00000E+00	2.16000E+02
447	7.80000E+01	0.00000E+00	2.16000E+02
448	9.30000E+01	0.00000E+00	2.16000E+02

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Node	X-Coord.	Y-Coord.	Z-Coord.
449	1.08000E+02	0.00000E+00	2.16000E+02
450	1.17000E+02	0.00000E+00	2.16000E+02
451	1.29000E+02	0.00000E+00	2.16000E+02
452	1.41000E+02	0.00000E+00	2.16000E+02
453	1.53000E+02	0.00000E+00	2.16000E+02
454	1.63000E+02	0.00000E+00	2.16000E+02
455	1.73000E+02	0.00000E+00	2.16000E+02
456	1.82000E+02	0.00000E+00	2.16000E+02
457	1.86000E+02	0.00000E+00	2.16000E+02
458	9.10000E+01	0.00000E+00	8.07500E+01
459	9.80528E+01	0.00000E+00	8.16785E+01
460	1.04625E+02	0.00000E+00	8.44008E+01
461	1.10269E+02	0.00000E+00	8.87314E+01
462	1.14599E+02	0.00000E+00	9.43750E+01
463	1.17322E+02	0.00000E+00	1.00947E+02
464	1.18250E+02	0.00000E+00	1.08000E+02
465	1.17322E+02	0.00000E+00	1.15053E+02
466	1.14599E+02	0.00000E+00	1.21625E+02
467	1.10269E+02	0.00000E+00	1.27269E+02
468	1.04625E+02	0.00000E+00	1.31599E+02
469	9.80528E+01	0.00000E+00	1.34322E+02
470	9.10000E+01	0.00000E+00	1.35250E+02
471	8.39472E+01	0.00000E+00	1.34322E+02
472	7.73750E+01	0.00000E+00	1.31599E+02
473	7.17314E+01	0.00000E+00	1.27269E+02
474	6.74008E+01	0.00000E+00	1.21625E+02
475	6.46785E+01	0.00000E+00	1.15053E+02
476	6.37500E+01	0.00000E+00	1.08000E+02
477	6.46785E+01	0.00000E+00	1.00947E+02
478	6.74008E+01	0.00000E+00	9.43750E+01
479	7.17314E+01	0.00000E+00	8.87314E+01
480	7.73750E+01	0.00000E+00	8.44008E+01
481	8.39472E+01	0.00000E+00	8.16785E+01
482	9.10000E+01	0.00000E+00	8.88750E+01
483	9.59499E+01	0.00000E+00	8.95267E+01
484	1.00563E+02	0.00000E+00	9.14373E+01
485	1.04523E+02	0.00000E+00	9.44766E+01
486	1.07563E+02	0.00000E+00	9.84375E+01
487	1.09473E+02	0.00000E+00	1.03050E+02
488	1.10125E+02	0.00000E+00	1.08000E+02
489	1.09473E+02	0.00000E+00	1.12950E+02
490	1.07563E+02	0.00000E+00	1.17563E+02

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Node	X-Coord.	Y-Coord.	Z-Coord.
491	1.04523E+02	0.00000E+00	1.21523E+02
492	1.00563E+02	0.00000E+00	1.24563E+02
493	9.59499E+01	0.00000E+00	1.26473E+02
494	9.10000E+01	0.00000E+00	1.27125E+02
495	8.60501E+01	0.00000E+00	1.26473E+02
496	8.14375E+01	0.00000E+00	1.24563E+02
497	7.74766E+01	0.00000E+00	1.21523E+02
498	7.44373E+01	0.00000E+00	1.17563E+02
499	7.25267E+01	0.00000E+00	1.12950E+02
500	7.18750E+01	0.00000E+00	1.08000E+02
501	7.25267E+01	0.00000E+00	1.03050E+02
502	7.44373E+01	0.00000E+00	9.84375E+01
503	7.74766E+01	0.00000E+00	9.44766E+01
504	8.14375E+01	0.00000E+00	9.14373E+01
505	8.60501E+01	0.00000E+00	8.95267E+01
506	-4.60000E+00	-7.00000E+00	7.10000E+01
507	0.00000E+00	-7.00000E+00	7.10000E+01
508	4.00000E+00	-7.00000E+00	7.10000E+01
509	1.30000E+01	-7.00000E+00	7.10000E+01
510	2.30000E+01	-7.00000E+00	7.10000E+01
511	3.30000E+01	-7.00000E+00	7.10000E+01
512	4.50000E+01	-7.00000E+00	7.10000E+01
513	5.70000E+01	-7.00000E+00	7.10000E+01
514	6.90000E+01	-7.00000E+00	7.10000E+01
515	8.10000E+01	-7.00000E+00	7.10000E+01
516	9.30000E+01	-7.00000E+00	7.10000E+01
517	1.05000E+02	-7.00000E+00	7.10000E+01
518	1.17000E+02	-7.00000E+00	7.10000E+01
519	1.29000E+02	-7.00000E+00	7.10000E+01
520	1.41000E+02	-7.00000E+00	7.10000E+01
521	1.53000E+02	-7.00000E+00	7.10000E+01
522	1.63000E+02	-7.00000E+00	7.10000E+01
523	1.73000E+02	-7.00000E+00	7.10000E+01
524	1.82000E+02	-7.00000E+00	7.10000E+01
525	1.86000E+02	-7.00000E+00	7.10000E+01
526	1.90600E+02	-7.00000E+00	7.10000E+01
527	-4.60000E+00	-7.00000E+00	7.80000E+01
528	0.00000E+00	-7.00000E+00	7.80000E+01
529	4.00000E+00	-7.00000E+00	7.80000E+01
530	1.30000E+01	-7.00000E+00	7.80000E+01
531	2.30000E+01	-7.00000E+00	7.80000E+01
532	3.30000E+01	-7.00000E+00	7.80000E+01

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
533	4.50000E+01	-7.00000E+00	7.80000E+01
534	6.10000E+01	-7.00000E+00	7.80000E+01
535	6.90000E+01	-7.00000E+00	7.80000E+01
536	8.10000E+01	-7.00000E+00	7.80000E+01
537	9.30000E+01	-7.00000E+00	7.80000E+01
538	1.05000E+02	-7.00000E+00	7.80000E+01
539	1.21000E+02	-7.00000E+00	7.80000E+01
540	1.29000E+02	-7.00000E+00	7.80000E+01
541	1.41000E+02	-7.00000E+00	7.80000E+01
542	1.53000E+02	-7.00000E+00	7.80000E+01
543	1.63000E+02	-7.00000E+00	7.80000E+01
544	1.73000E+02	-7.00000E+00	7.80000E+01
545	1.82000E+02	-7.00000E+00	7.80000E+01
546	1.86000E+02	-7.00000E+00	7.80000E+01
547	1.90600E+02	-7.00000E+00	7.80000E+01
548	-4.60000E+00	-7.00000E+00	1.38000E+02
549	0.00000E+00	-7.00000E+00	1.38000E+02
550	4.00000E+00	-7.00000E+00	1.38000E+02
551	1.30000E+01	-7.00000E+00	1.38000E+02
552	2.30000E+01	-7.00000E+00	1.38000E+02
553	3.30000E+01	-7.00000E+00	1.38000E+02
554	4.50000E+01	-7.00000E+00	1.38000E+02
555	6.10000E+01	-7.00000E+00	1.38000E+02
556	6.90000E+01	-7.00000E+00	1.38000E+02
557	8.10000E+01	-7.00000E+00	1.38000E+02
558	9.30000E+01	-7.00000E+00	1.38000E+02
559	1.05000E+02	-7.00000E+00	1.38000E+02
560	1.17000E+02	-7.00000E+00	1.38000E+02
561	1.21000E+02	-7.00000E+00	1.38000E+02
562	1.41000E+02	-7.00000E+00	1.38000E+02
563	1.53000E+02	-7.00000E+00	1.38000E+02
564	1.63000E+02	-7.00000E+00	1.38000E+02
565	1.73000E+02	-7.00000E+00	1.38000E+02
566	1.82000E+02	-7.00000E+00	1.38000E+02
567	1.86000E+02	-7.00000E+00	1.38000E+02
568	1.90600E+02	-7.00000E+00	1.38000E+02
569	-4.60000E+00	-7.00000E+00	1.45000E+02
570	0.00000E+00	-7.00000E+00	1.45000E+02
571	4.00000E+00	-7.00000E+00	1.45000E+02
572	1.30000E+01	-7.00000E+00	1.45000E+02
573	2.30000E+01	-7.00000E+00	1.45000E+02
574	3.30000E+01	-7.00000E+00	1.45000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
575	4.50000E+01	-7.00000E+00	1.45000E+02
576	5.70000E+01	-7.00000E+00	1.45000E+02
577	6.90000E+01	-7.00000E+00	1.45000E+02
578	7.80000E+01	-7.00000E+00	1.45000E+02
579	9.30000E+01	-7.00000E+00	1.45000E+02
580	1.08000E+02	-7.00000E+00	1.45000E+02
581	1.17000E+02	-7.00000E+00	1.45000E+02
582	1.29000E+02	-7.00000E+00	1.45000E+02
583	1.41000E+02	-7.00000E+00	1.45000E+02
584	1.53000E+02	-7.00000E+00	1.45000E+02
585	1.63000E+02	-7.00000E+00	1.45000E+02
586	1.73000E+02	-7.00000E+00	1.45000E+02
587	1.82000E+02	-7.00000E+00	1.45000E+02
588	1.86000E+02	-7.00000E+00	1.45000E+02
589	1.90600E+02	-7.00000E+00	1.45000E+02
590	0.00000E+00	-7.00000E+00	4.00000E+00
591	4.00000E+00	-7.00000E+00	4.00000E+00
592	1.30000E+01	-7.00000E+00	4.00000E+00
593	2.30000E+01	-7.00000E+00	4.00000E+00
594	3.30000E+01	-7.00000E+00	4.00000E+00
595	4.50000E+01	-7.00000E+00	4.00000E+00
596	5.70000E+01	-7.00000E+00	4.00000E+00
597	6.90000E+01	-7.00000E+00	4.00000E+00
598	8.10000E+01	-7.00000E+00	4.00000E+00
599	9.30000E+01	-7.00000E+00	4.00000E+00
600	1.05000E+02	-7.00000E+00	4.00000E+00
601	1.17000E+02	-7.00000E+00	4.00000E+00
602	1.29000E+02	-7.00000E+00	4.00000E+00
603	1.41000E+02	-7.00000E+00	4.00000E+00
604	1.53000E+02	-7.00000E+00	4.00000E+00
605	1.63000E+02	-7.00000E+00	4.00000E+00
606	1.73000E+02	-7.00000E+00	4.00000E+00
607	1.82000E+02	-7.00000E+00	4.00000E+00
608	1.86000E+02	-7.00000E+00	4.00000E+00
609	0.00000E+00	-7.00000E+00	2.12000E+02
610	4.00000E+00	-7.00000E+00	2.12000E+02
611	1.30000E+01	-7.00000E+00	2.12000E+02
612	2.30000E+01	-7.00000E+00	2.12000E+02
613	3.30000E+01	-7.00000E+00	2.12000E+02
614	4.50000E+01	-7.00000E+00	2.12000E+02
615	5.70000E+01	-7.00000E+00	2.12000E+02
616	6.90000E+01	-7.00000E+00	2.12000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
617	7.80000E+01	-7.00000E+00	2.12000E+02
618	9.30000E+01	-7.00000E+00	2.12000E+02
619	1.08000E+02	-7.00000E+00	2.12000E+02
620	1.17000E+02	-7.00000E+00	2.12000E+02
621	1.29000E+02	-7.00000E+00	2.12000E+02
622	1.41000E+02	-7.00000E+00	2.12000E+02
623	1.53000E+02	-7.00000E+00	2.12000E+02
624	1.63000E+02	-7.00000E+00	2.12000E+02
625	1.73000E+02	-7.00000E+00	2.12000E+02
626	1.82000E+02	-7.00000E+00	2.12000E+02
627	1.86000E+02	-7.00000E+00	2.12000E+02
628	3.30000E+01	-7.00000E+00	0.00000E+00
629	3.30000E+01	-7.00000E+00	1.40000E+01
630	3.30000E+01	-7.00000E+00	2.40000E+01
631	3.30000E+01	-7.00000E+00	3.60000E+01
632	3.30000E+01	-7.00000E+00	4.80000E+01
633	3.30000E+01	-7.00000E+00	6.00000E+01
634	9.30000E+01	-7.00000E+00	0.00000E+00
635	9.30000E+01	-7.00000E+00	1.40000E+01
636	9.30000E+01	-7.00000E+00	2.40000E+01
637	9.30000E+01	-7.00000E+00	3.60000E+01
638	9.30000E+01	-7.00000E+00	4.80000E+01
639	9.30000E+01	-7.00000E+00	6.00000E+01
640	1.53000E+02	-7.00000E+00	0.00000E+00
641	1.53000E+02	-7.00000E+00	1.40000E+01
642	1.53000E+02	-7.00000E+00	2.40000E+01
643	1.53000E+02	-7.00000E+00	3.60000E+01
644	1.53000E+02	-7.00000E+00	4.80000E+01
645	1.53000E+02	-7.00000E+00	6.00000E+01
646	3.30000E+01	-7.00000E+00	-4.60000E+00
647	9.30000E+01	-7.00000E+00	-4.60000E+00
648	1.53000E+02	-7.00000E+00	-4.60000E+00
649	6.10000E+01	-7.00000E+00	8.80000E+01
650	6.10000E+01	-7.00000E+00	9.80000E+01
651	6.10000E+01	-7.00000E+00	1.08000E+02
652	6.10000E+01	-7.00000E+00	1.18000E+02
653	6.10000E+01	-7.00000E+00	1.28000E+02
654	1.21000E+02	-7.00000E+00	8.80000E+01
655	1.21000E+02	-7.00000E+00	9.80000E+01
656	1.21000E+02	-7.00000E+00	1.08000E+02
657	1.21000E+02	-7.00000E+00	1.18000E+02
658	1.21000E+02	-7.00000E+00	1.28000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
659	3.30000E+01	-7.00000E+00	1.56000E+02
660	3.30000E+01	-7.00000E+00	1.68000E+02
661	3.30000E+01	-7.00000E+00	1.80000E+02
662	3.30000E+01	-7.00000E+00	1.92000E+02
663	3.30000E+01	-7.00000E+00	2.02000E+02
664	3.30000E+01	-7.00000E+00	2.16000E+02
665	3.30000E+01	-7.00000E+00	2.20600E+02
666	7.80000E+01	-7.00000E+00	1.56000E+02
667	7.80000E+01	-7.00000E+00	1.68000E+02
668	7.80000E+01	-7.00000E+00	1.80000E+02
669	7.80000E+01	-7.00000E+00	1.92000E+02
670	7.80000E+01	-7.00000E+00	2.02000E+02
671	7.80000E+01	-7.00000E+00	2.16000E+02
672	7.80000E+01	-7.00000E+00	2.20600E+02
673	1.08000E+02	-7.00000E+00	1.56000E+02
674	1.08000E+02	-7.00000E+00	1.68000E+02
675	1.08000E+02	-7.00000E+00	1.80000E+02
676	1.08000E+02	-7.00000E+00	1.92000E+02
677	1.08000E+02	-7.00000E+00	2.02000E+02
678	1.08000E+02	-7.00000E+00	2.16000E+02
679	1.08000E+02	-7.00000E+00	2.20600E+02
680	1.53000E+02	-7.00000E+00	1.56000E+02
681	1.53000E+02	-7.00000E+00	1.68000E+02
682	1.53000E+02	-7.00000E+00	1.80000E+02
683	1.53000E+02	-7.00000E+00	1.92000E+02
684	1.53000E+02	-7.00000E+00	2.02000E+02
685	1.53000E+02	-7.00000E+00	2.16000E+02
686	1.53000E+02	-7.00000E+00	2.20600E+02
687	4.00000E+00	-7.00000E+00	1.40000E+01
688	4.00000E+00	-7.00000E+00	2.40000E+01
689	4.00000E+00	-7.00000E+00	3.60000E+01
690	4.00000E+00	-7.00000E+00	4.80000E+01
691	4.00000E+00	-7.00000E+00	6.00000E+01
692	4.00000E+00	-7.00000E+00	8.80000E+01
693	4.00000E+00	-7.00000E+00	9.80000E+01
694	4.00000E+00	-7.00000E+00	1.08000E+02
695	4.00000E+00	-7.00000E+00	1.18000E+02
696	4.00000E+00	-7.00000E+00	1.28000E+02
697	4.00000E+00	-7.00000E+00	1.56000E+02
698	4.00000E+00	-7.00000E+00	1.68000E+02
699	4.00000E+00	-7.00000E+00	1.80000E+02
700	4.00000E+00	-7.00000E+00	1.92000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
701	4.00000E+00	-7.00000E+00	2.02000E+02
702	1.82000E+02	-7.00000E+00	1.40000E+01
703	1.82000E+02	-7.00000E+00	2.40000E+01
704	1.82000E+02	-7.00000E+00	3.60000E+01
705	1.82000E+02	-7.00000E+00	4.80000E+01
706	1.82000E+02	-7.00000E+00	6.00000E+01
707	1.82000E+02	-7.00000E+00	8.80000E+01
708	1.82000E+02	-7.00000E+00	9.80000E+01
709	1.82000E+02	-7.00000E+00	1.08000E+02
710	1.82000E+02	-7.00000E+00	1.18000E+02
711	1.82000E+02	-7.00000E+00	1.28000E+02
712	1.82000E+02	-7.00000E+00	1.56000E+02
713	1.82000E+02	-7.00000E+00	1.68000E+02
714	1.82000E+02	-7.00000E+00	1.80000E+02
715	1.82000E+02	-7.00000E+00	1.92000E+02
716	1.82000E+02	-7.00000E+00	2.02000E+02
717	-4.60000E+00	-7.00000E+00	2.40000E+01
718	0.00000E+00	-7.00000E+00	2.40000E+01
719	1.30000E+01	-7.00000E+00	2.40000E+01
720	2.30000E+01	-7.00000E+00	2.40000E+01
721	1.63000E+02	-7.00000E+00	2.40000E+01
722	1.73000E+02	-7.00000E+00	2.40000E+01
723	1.86000E+02	-7.00000E+00	2.40000E+01
724	1.90600E+02	-7.00000E+00	2.40000E+01
725	-4.60000E+00	-7.00000E+00	1.92000E+02
726	0.00000E+00	-7.00000E+00	1.92000E+02
727	1.30000E+01	-7.00000E+00	1.92000E+02
728	2.30000E+01	-7.00000E+00	1.92000E+02
729	1.63000E+02	-7.00000E+00	1.92000E+02
730	1.73000E+02	-7.00000E+00	1.92000E+02
731	1.86000E+02	-7.00000E+00	1.92000E+02
732	1.90600E+02	-7.00000E+00	1.92000E+02
733	3.30000E+01	-2.10000E+01	-4.60000E+00
734	9.30000E+01	-2.10000E+01	-4.60000E+00
735	1.53000E+02	-2.10000E+01	-4.60000E+00
736	3.30000E+01	-2.10000E+01	2.20600E+02
737	7.80000E+01	-2.10000E+01	2.20600E+02
738	1.08000E+02	-2.10000E+01	2.20600E+02
739	1.53000E+02	-2.10000E+01	2.20600E+02
740	-4.60000E+00	-2.10000E+01	2.40000E+01
741	-4.60000E+00	-2.10000E+01	7.10000E+01
742	-4.60000E+00	-2.10000E+01	7.80000E+01

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Node	X-Coord.	Y-Coord.	Z-Coord.
743	-4.60000E+00	-2.10000E+01	1.38000E+02
744	-4.60000E+00	-2.10000E+01	1.45000E+02
745	-4.60000E+00	-2.10000E+01	1.92000E+02
746	1.90600E+02	-2.10000E+01	2.40000E+01
747	1.90600E+02	-2.10000E+01	7.10000E+01
748	1.90600E+02	-2.10000E+01	7.80000E+01
749	1.90600E+02	-2.10000E+01	1.38000E+02
750	1.90600E+02	-2.10000E+01	1.45000E+02
751	1.90600E+02	-2.10000E+01	1.92000E+02
752	9.10000E+01	2.25000E+01	9.76200E+01
753	9.10000E+01	2.05000E+01	9.76200E+01
754	-9.25000E+00	-7.00000E+00	7.10000E+01
755	-9.25000E+00	-7.00000E+00	7.80000E+01
756	-9.25000E+00	-7.00000E+00	1.38000E+02
757	-9.25000E+00	-7.00000E+00	1.45000E+02
758	1.95250E+02	-7.00000E+00	7.10000E+01
759	1.95250E+02	-7.00000E+00	7.80000E+01
760	1.95250E+02	-7.00000E+00	1.38000E+02
761	1.95250E+02	-7.00000E+00	1.45000E+02

BEAM PROPERTIES

Multiplier = 1 (For AISC database properties only)

Prop No	N a m e
1	W12X35
2	W8X18
3	W10X49

Prop No	X-Section Area	Moment of Inertia Iy / Iz		Torsional Const.- J
1	1.030E+01	2.451E+01	2.850E+02	7.409E-01
2	5.268E+00	7.973E+00	6.190E+01	1.701E-01
3	1.441E+01	9.340E+01	2.720E+02	1.390E+00
4	6.000E+00	7.200E+01	1.300E-01	5.000E-01

Prop No	Max. Fiber Dist Cy / Cz		Shear Shape Fact SSFy / SSFz		Ctors	Shear Stress Factor SSTRFy / SSTRFz	
1	3.28E+00	6.25E+00	2.75E+00	1.51E+00	5.20E-01	3.05E+00	2.26E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Prop No	Max. Fiber Dist Cy / Cz		Shear Shape Fact SSFy / SSFz		Ctors	Shear Stress Factor SSTRFy / SSTRFz	
2	2.62E+00	4.07E+00	2.81E+00	1.52E+00	3.30E-01	3.10E+00	2.27E+00
3	4.99E+00	4.98E+00	4.25E+00	1.29E+00	5.60E-01	4.63E+00	1.93E+00
4	6.00E+00	2.50E-01	0.00E+00	0.00E+00	1.00E+00	1.00E+00	1.00E+00

BEAM CONNECTIVITY

Beam No	Nodes From/	To /	Ref	Prop No	Mat No	pincodes I / J	Rigid End Offset I / J		Length	Beam Type
1	590	591	21	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
2	591	592	21	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
3	592	593	21	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
4	593	594	21	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
5	594	595	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
6	595	596	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
7	596	597	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
8	597	598	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
9	598	599	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
10	599	600	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
11	600	601	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
12	601	602	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
13	602	603	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
14	603	604	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
15	604	605	21	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
16	605	606	21	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
17	606	607	21	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
18	607	608	21	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
19	506	507	134	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
20	507	508	134	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
21	508	509	134	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
22	509	510	134	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
23	510	511	134	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
24	511	512	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
25	512	513	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
26	513	514	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
27	514	515	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
28	515	516	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
29	516	517	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
30	517	518	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
31	518	519	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam

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Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I / J	Length	Beam Type
32	519	520	134	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
33	520	521	134	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
34	521	522	134	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
35	522	523	134	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
36	523	524	134	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
37	524	525	134	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
38	525	526	134	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
39	527	528	172	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
40	528	529	172	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
41	529	530	172	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
42	530	531	172	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
43	531	532	172	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
44	532	533	172	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
45	533	534	172	1	3		0.00E+00 0.00E+00	0.16E+02	Beam
46	534	535	172	1	3		0.00E+00 0.00E+00	0.80E+01	Beam
47	535	536	172	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
8	536	537	172	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
49	537	538	172	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
50	538	539	172	1	3		0.00E+00 0.00E+00	0.16E+02	Beam
51	539	540	172	1	3		0.00E+00 0.00E+00	0.80E+01	Beam
52	540	541	172	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
53	541	542	172	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
54	542	543	172	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
55	543	544	172	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
56	544	545	172	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
57	545	546	172	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
58	546	547	172	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
59	548	549	267	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
60	549	550	267	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
61	550	551	267	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
62	551	552	267	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
63	552	553	267	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
64	553	554	267	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
65	554	555	267	1	3		0.00E+00 0.00E+00	0.16E+02	Beam
66	555	556	267	1	3		0.00E+00 0.00E+00	0.80E+01	Beam
67	556	557	267	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
68	557	558	267	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
69	558	559	267	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
70	559	560	267	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
71	560	561	267	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
72	561	562	267	1	3		0.00E+00 0.00E+00	0.20E+02	Beam

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Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I / J	Length	Beam Type
73	562	563	267	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
74	563	564	267	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
75	564	565	267	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
76	565	566	267	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
77	566	567	267	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
78	567	568	267	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
79	569	570	306	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
80	570	571	306	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
81	571	572	306	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
82	572	573	306	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
83	573	574	306	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
84	574	575	306	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
85	575	576	306	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
86	576	577	306	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
87	577	578	306	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
88	578	579	306	1	3		0.00E+00 0.00E+00	0.15E+02	Beam
9	579	580	306	1	3		0.00E+00 0.00E+00	0.15E+02	Beam
90	580	581	306	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
91	581	582	306	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
92	582	583	306	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
93	583	584	306	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
94	584	585	306	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
95	585	586	306	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
96	586	587	306	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
97	587	588	306	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
98	588	589	306	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
99	609	610	420	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
100	610	611	420	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
101	611	612	420	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
102	612	613	420	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
103	613	614	420	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
104	614	615	420	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
105	615	616	420	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
106	616	617	420	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
107	678	679	449	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
108	619	620	420	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
109	620	621	420	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
110	621	622	420	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
111	622	623	420	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
112	623	624	420	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
113	624	625	420	1	3		0.00E+00 0.00E+00	0.10E+02	Beam

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Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I / J	Length	Beam Type
114	625	626	420	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
115	626	627	420	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
116	646	628	5	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
117	628	594	5	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
118	594	629	5	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
119	629	630	5	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
120	630	631	5	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
121	631	632	5	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
122	632	633	5	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
123	633	511	5	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
124	647	634	10	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
125	634	599	10	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
126	599	635	10	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
127	635	636	10	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
128	636	637	10	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
129	637	638	10	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
0	638	639	10	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
131	639	516	10	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
132	648	640	15	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
133	640	604	15	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
134	604	641	15	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
135	641	642	15	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
136	642	643	15	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
137	643	644	15	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
138	644	645	15	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
139	645	521	15	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
140	534	649	178	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
141	649	650	178	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
142	650	651	178	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
143	651	652	178	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
144	652	653	178	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
145	653	555	178	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
146	539	654	184	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
147	654	655	184	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
148	655	656	184	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
149	656	657	184	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
150	657	658	184	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
151	658	561	184	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
152	574	659	310	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
153	659	660	310	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
154	660	661	310	1	3		0.00E+00 0.00E+00	0.12E+02	Beam

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Beam No	Nodes From/	To /	Ref	Prop No	Mat No	pincodes I / J	Rigid End Offset I	/ J	Length	Beam Type
155	661	662	310	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
156	662	663	310	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
157	663	613	310	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
158	613	664	310	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
159	664	665	310	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
160	578	666	314	1	3		0.00E+00	0.00E+00	0.11E+02	Beam
161	666	667	314	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
162	667	668	314	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
163	668	669	314	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
164	669	670	314	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
165	670	617	314	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
166	617	671	310	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
167	671	672	310	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
168	580	673	316	1	3		0.00E+00	0.00E+00	0.11E+02	Beam
169	673	674	316	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
170	674	675	316	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
1	675	676	316	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
172	676	677	316	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
173	677	619	316	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
174	619	678	316	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
175	584	680	320	1	3		0.00E+00	0.00E+00	0.11E+02	Beam
176	680	681	320	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
177	681	682	320	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
178	682	683	320	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
179	683	684	320	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
180	684	623	320	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
181	623	685	320	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
182	685	686	320	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
183	717	718	58	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
184	718	688	58	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
185	688	719	58	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
186	719	720	58	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
187	720	630	58	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
188	642	721	58	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
189	721	722	58	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
190	722	703	58	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
191	703	723	58	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
192	723	724	58	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
193	725	726	382	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
194	726	700	382	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
195	700	727	382	1	3		0.00E+00	0.00E+00	0.90E+01	Beam

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Beam No	Nodes From/	To /	Ref	Prop No	Mat No	pincodes I / J	Rigid End Offset I / J	Length	Beam Type
196	727	728	382	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
197	728	662	382	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
198	683	729	382	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
199	729	730	382	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
200	730	715	382	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
201	715	731	382	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
202	731	732	382	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
203	591	687	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
204	687	688	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
205	688	689	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
206	689	690	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
207	690	691	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
208	691	508	21	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
209	529	692	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
210	692	693	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
211	693	694	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
2	694	695	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
213	695	696	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
214	696	550	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
215	571	697	21	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
216	697	698	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
217	698	699	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
218	699	700	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
219	700	701	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
220	701	610	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
221	607	702	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
222	702	703	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
223	703	704	37	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
224	704	705	37	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
225	705	706	37	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
226	706	524	37	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
227	545	707	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
228	707	708	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
229	708	709	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
230	709	710	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
231	710	711	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
232	711	566	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
233	587	712	37	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
234	712	713	37	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
235	713	714	37	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
236	714	715	37	1	3		0.00E+00 0.00E+00	0.12E+02	Beam

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Beam No	Nodes From/	To /	Ref	Prop No	Mat No	pincodes I / J	Rigid End Offset I / J	Length	Beam Type
237	715	716	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
238	716	626	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
239	733	646	628	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
240	734	647	634	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
241	735	648	640	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
242	736	665	664	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
243	737	672	671	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
244	738	679	678	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
245	739	686	685	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
246	740	717	718	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
247	741	506	507	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
248	742	527	528	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
249	743	548	549	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
250	744	569	570	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
251	745	725	726	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
?52	746	724	723	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
3	747	526	525	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
¿54	748	547	546	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
255	749	568	567	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
256	750	589	588	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
257	751	732	731	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
258	754	755	527	4	3	NA NA	NA NA	0.70E+01	Truss
259	756	757	569	4	3	NA NA	NA NA	0.70E+01	Truss
260	758	759	547	4	3	NA NA	NA NA	0.70E+01	Truss
261	760	761	589	4	3	NA NA	NA NA	0.70E+01	Truss
262	458	752	753	3	2	56	0.00E+00 0.00E+00	0.28E+02	Beam
263	459	752	753	3	2	56	0.00E+00 0.00E+00	0.28E+02	Beam
264	460	752	753	3	2	56	0.00E+00 0.00E+00	0.29E+02	Beam
265	461	752	753	3	2	56	0.00E+00 0.00E+00	0.31E+02	Beam
266	462	752	753	3	2	56	0.00E+00 0.00E+00	0.33E+02	Beam
267	463	752	753	3	2	56	0.00E+00 0.00E+00	0.35E+02	Beam
268	464	752	753	3	2	56	0.00E+00 0.00E+00	0.37E+02	Beam
269	465	752	753	3	2	56	0.00E+00 0.00E+00	0.39E+02	Beam
270	466	752	753	3	2	56	0.00E+00 0.00E+00	0.40E+02	Beam
271	467	752	753	3	2	56	0.00E+00 0.00E+00	0.42E+02	Beam
272	468	752	753	3	2	56	0.00E+00 0.00E+00	0.43E+02	Beam
273	469	752	753	3	2	56	0.00E+00 0.00E+00	0.44E+02	Beam
274	470	752	753	3	2	56	0.00E+00 0.00E+00	0.44E+02	Beam
275	471	752	753	3	2	56	0.00E+00 0.00E+00	0.44E+02	Beam
276	472	752	753	3	2	56	0.00E+00 0.00E+00	0.43E+02	Beam
277	473	752	753	3	2	56	0.00E+00 0.00E+00	0.42E+02	Beam

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Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I / J		Length	Beam Type
278	474	752	753	3	2	56	0.00E+00	0.00E+00	0.40E+02	Beam
279	475	752	753	3	2	56	0.00E+00	0.00E+00	0.39E+02	Beam
280	476	752	753	3	2	56	0.00E+00	0.00E+00	0.37E+02	Beam
281	477	752	753	3	2	56	0.00E+00	0.00E+00	0.35E+02	Beam
282	478	752	753	3	2	56	0.00E+00	0.00E+00	0.33E+02	Beam
283	479	752	753	3	2	56	0.00E+00	0.00E+00	0.31E+02	Beam
284	480	752	753	3	2	56	0.00E+00	0.00E+00	0.29E+02	Beam
285	481	752	753	3	2	56	0.00E+00	0.00E+00	0.28E+02	Beam
286	752	753	458	3	2		0.00E+00	0.00E+00	0.20E+01	Beam
287	754	506	741	1	3		0.00E+00	0.00E+00	0.47E+01	Beam
288	755	527	742	1	3		0.00E+00	0.00E+00	0.47E+01	Beam
289	756	548	743	1	3		0.00E+00	0.00E+00	0.47E+01	Beam
290	757	569	744	1	3		0.00E+00	0.00E+00	0.47E+01	Beam
291	526	758	747	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
292	547	759	748	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
293	568	760	749	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
4	589	761	750	1	3		0.00E+00	0.00E+00	0.46E+01	Beam

PLATE ELEMENT CONNECTIVITY

Plate No.		Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	1	1	2	21	20	1	1.500E+00	1.600E+01		1.000E+00	M+B
QUAD	2	2	3	22	21	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	3	3	4	23	22	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	4	4	5	24	23	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	5	5	6	25	24	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	6	6	7	26	25	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	7	7	8	27	26	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	8	8	9	28	27	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	9	9	10	29	28	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	10	10	11	30	29	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	11	11	12	31	30	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	12	12	13	32	31	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	13	13	14	33	32	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	14	14	15	34	33	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	15	15	16	35	34	1	1.500E+00	4.000E+01		2.500E+00	M+B

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Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	16	16	17	36	35	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	17	17	18	37	36	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	18	18	19	38	37	1	1.500E+00	1.600E+01		1.000E+00	M+B
QUAD	19	20	21	40	39	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	20	21	22	41	40	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	21	22	23	42	41	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	22	23	24	43	42	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	23	24	25	44	43	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	24	25	26	45	44	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	25	26	27	46	45	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	26	27	28	47	46	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	27	28	29	48	47	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	28	29	30	49	48	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	29	30	31	50	49	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	30	31	32	51	50	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	31	32	33	52	51	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	32	33	34	53	52	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	33	34	35	54	53	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	34	35	36	55	54	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	35	36	37	56	55	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	36	37	38	57	56	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	37	39	40	59	58	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	38	40	41	60	59	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	39	41	42	61	60	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	40	42	43	62	61	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	41	43	44	63	62	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	42	44	45	64	63	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	43	45	46	65	64	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	44	46	47	66	65	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	45	47	48	67	66	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	46	48	49	68	67	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	47	49	50	69	68	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	48	50	51	70	69	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	49	51	52	71	70	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	50	52	53	72	71	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	51	53	54	73	72	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	52	54	55	74	73	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	53	55	56	75	74	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	54	56	57	76	75	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	55	58	59	78	77	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	56	59	60	79	78	1	1.500E+00	1.080E+02		7.500E-01	M+B

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	Plate No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	57	60	61	80	79	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	58	61	62	81	80	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	59	62	63	82	81	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	60	63	64	83	82	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	61	64	65	84	83	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	62	65	66	85	84	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	63	66	67	86	85	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	64	67	68	87	86	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	65	68	69	88	87	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	66	69	70	89	88	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	67	70	71	90	89	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	68	71	72	91	90	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	69	72	73	92	91	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	70	73	74	93	92	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	71	74	75	94	93	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	72	75	76	95	94	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	73	77	78	97	96	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	74	78	79	98	97	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	75	79	80	99	98	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	76	80	81	100	99	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	77	81	82	101	100	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	78	82	83	102	101	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	79	83	84	103	102	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	80	84	85	104	103	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	81	85	86	105	104	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	82	86	87	106	105	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	83	87	88	107	106	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	84	88	89	108	107	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	85	89	90	109	108	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	86	90	91	110	109	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	87	91	92	111	110	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	88	92	93	112	111	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	89	93	94	113	112	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	90	94	95	114	113	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	91	96	97	116	115	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	92	97	98	117	116	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	93	98	99	118	117	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	94	99	100	119	118	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	95	100	101	120	119	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	96	101	102	121	120	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	97	102	103	122	121	1	1.500E+00	1.440E+02		1.000E+00	M+B

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IMAGES 3D

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	98	103	104	123	122	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	99	104	105	124	123	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	100	105	106	125	124	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	101	106	107	126	125	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	102	107	108	127	126	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	103	108	109	128	127	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	104	109	110	129	128	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	105	110	111	130	129	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	106	111	112	131	130	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	107	112	113	132	131	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	108	113	114	133	132	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	109	115	116	135	134	1	1.500E+00	4.400E+01		3.636E-01	M+B
QUAD	110	116	117	136	135	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	111	117	118	137	136	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	112	118	119	138	137	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	113	119	120	139	138	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	114	120	121	140	139	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	115	121	122	141	140	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	116	122	123	142	141	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	117	123	124	143	142	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	118	124	125	144	143	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	119	125	126	145	144	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	120	126	127	146	145	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	121	127	128	147	146	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	122	128	129	148	147	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	123	129	130	149	148	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	124	130	131	150	149	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	125	131	132	151	150	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	126	132	133	152	151	1	1.500E+00	4.400E+01		3.636E-01	M+B
QUAD	127	134	135	154	153	1	1.500E+00	2.760E+01		5.797E-01	M+B
QUAD	128	135	136	155	154	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	129	136	137	156	155	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	130	137	138	157	156	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	131	138	139	158	157	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	132	139	140	159	158	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	133	140	141	160	159	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	134	141	142	161	160	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	135	142	143	162	161	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	136	143	144	163	162	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	137	144	145	164	163	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	138	145	146	165	164	1	1.500E+00	8.280E+01		1.739E+00	M+B

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	139	146	147	166	165	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	140	147	148	167	166	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	141	148	149	168	167	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	142	149	150	169	168	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	143	150	151	170	169	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	144	151	152	171	170	1	1.500E+00	2.760E+01		5.797E-01	M+B
QUAD	145	172	173	193	192	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	146	173	174	194	193	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	147	174	175	195	194	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	148	175	176	196	195	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	149	176	177	197	196	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	150	177	178	198	197	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	151	184	185	200	199	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	152	185	186	201	200	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	153	186	187	202	201	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	154	187	188	203	202	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	155	188	189	204	203	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	156	189	190	205	204	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	157	190	191	206	205	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	158	192	193	208	207	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	159	193	194	209	208	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	160	194	195	210	209	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	161	195	196	211	210	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	162	196	197	212	211	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	163	197	198	213	212	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	164	199	200	215	214	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	165	200	201	216	215	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	166	201	202	217	216	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	167	202	203	218	217	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	168	203	204	219	218	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	169	204	205	220	219	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	170	205	206	221	220	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	171	207	208	223	222	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	172	208	209	224	223	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	173	209	210	225	224	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	174	210	211	226	225	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	175	211	212	227	226	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	176	212	213	228	227	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	177	214	215	230	229	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	178	215	216	231	230	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	179	216	217	232	231	1	1.500E+00	1.200E+02		1.200E+00	M+B

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Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	180	217	218	233	232	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	181	218	219	234	233	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	182	219	220	235	234	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	183	220	221	236	235	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	184	222	223	238	237	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	185	223	224	239	238	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	186	224	225	240	239	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	187	225	226	241	240	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	188	226	227	242	241	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	189	227	228	243	242	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	190	229	230	245	244	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	191	230	231	246	245	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	192	231	232	247	246	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	193	232	233	248	247	1	1.500E+00	1.000E+02		1.000E+00	M+B
Q	194	233	234	249	248	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	195	234	235	250	249	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	196	235	236	251	250	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	197	237	238	253	252	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	198	238	239	254	253	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	199	239	240	255	254	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	200	240	241	256	255	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	201	241	242	257	256	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	202	242	243	258	257	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	203	244	245	260	259	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	204	245	246	261	260	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	205	246	247	262	261	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	206	247	248	263	262	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	207	248	249	264	263	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	208	249	250	265	264	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	209	250	251	266	265	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	210	252	253	268	267	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	211	253	254	269	268	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	212	254	255	270	269	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	213	255	256	271	270	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	214	256	257	272	271	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	215	257	258	273	272	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	216	259	260	280	279	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	217	260	261	281	280	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	218	261	262	282	281	1	1.500E+00	1.200E+02		1.200E+00	M+B
Q	219	262	263	283	282	1	1.500E+00	1.000E+02		1.000E+00	M+B
Q	220	263	264	284	283	1	1.500E+00	1.000E+02		1.000E+00	M+B

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Plate		Nodes				Mat			Shear Web	Aspect	Plate
	No.	I	J	K	L	No.	Thickness	Area	Thickness	Ratio	Type
QUAD	221	264	265	285	284	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	222	265	266	286	285	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	223	178	179	480	479	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	224	179	180	481	480	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	225	180	181	458	481	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	226	181	182	459	458	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	227	182	183	460	459	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	228	183	184	461	460	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	229	184	199	462	461	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	230	199	214	463	462	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	231	214	229	464	463	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	232	229	244	465	464	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	233	244	259	466	465	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	234	259	279	467	466	1	1.500E+00	8.552E+01		6.705E-01	M+B
Q	235	468	467	279	278	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	236	469	468	278	277	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	237	470	469	277	276	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	238	471	470	276	275	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	239	472	471	275	274	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	240	473	472	274	273	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	241	474	473	273	258	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	242	475	474	258	243	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	243	476	475	243	228	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	244	477	476	228	213	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	245	478	477	213	198	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	246	479	478	198	178	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	247	458	459	483	482	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	248	459	460	484	483	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	249	460	461	485	484	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	250	461	462	486	485	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	251	462	463	487	486	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	252	463	464	488	487	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	253	464	465	489	488	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	254	465	466	490	489	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	255	466	467	491	490	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	256	467	468	492	491	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	257	468	469	493	492	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	258	469	470	494	493	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	259	470	471	495	494	1	1.500E+00	4.876E+01		7.514E-01	M+B
Q	260	471	472	496	495	1	1.500E+00	4.876E+01		7.514E-01	M+B
Q	261	472	473	497	496	1	1.500E+00	4.876E+01		7.514E-01	M+B

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	262	473	474	498	497	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	263	474	475	499	498	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	264	475	476	500	499	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	265	476	477	501	500	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	266	477	478	502	501	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	267	478	479	503	502	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	268	479	480	504	503	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	269	480	481	505	504	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	270	481	458	482	505	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	271	287	288	307	306	1	1.500E+00	2.760E+01		5.797E-01	M+B
QUAD	272	288	289	308	307	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	273	289	290	309	308	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	274	290	291	310	309	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	275	291	292	311	310	1	1.500E+00	8.280E+01		1.739E+00	M+B
( )	276	292	293	312	311	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	277	293	294	313	312	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	278	294	295	314	313	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	279	295	296	315	314	1	1.500E+00	1.035E+02		2.174E+00	M+B
QUAD	280	296	297	316	315	1	1.500E+00	1.035E+02		2.174E+00	M+B
QUAD	281	297	298	317	316	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	282	298	299	318	317	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	283	299	300	319	318	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	284	300	301	320	319	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	285	301	302	321	320	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	286	302	303	322	321	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	287	303	304	323	322	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	288	304	305	324	323	1	1.500E+00	2.760E+01		5.797E-01	M+B
QUAD	289	306	307	326	325	1	1.500E+00	4.400E+01		3.636E-01	M+B
QUAD	290	307	308	327	326	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	291	308	309	328	327	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	292	309	310	329	328	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	293	310	311	330	329	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	294	311	312	331	330	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	295	312	313	332	331	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	296	313	314	333	332	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	297	314	315	334	333	1	1.500E+00	1.650E+02		1.364E+00	M+B
QUAD	298	315	316	335	334	1	1.500E+00	1.650E+02		1.364E+00	M+B
QUAD	299	316	317	336	335	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	300	317	318	337	336	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	301	318	319	338	337	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	302	319	320	339	338	1	1.500E+00	1.320E+02		1.091E+00	M+B

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	303	320	321	340	339	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	304	321	322	341	340	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	305	322	323	342	341	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	306	323	324	343	342	1	1.500E+00	4.400E+01		3.636E-01	M+B
QUAD	307	325	326	345	344	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	308	326	327	346	345	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	309	327	328	347	346	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	310	328	329	348	347	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	311	329	330	349	348	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	312	330	331	350	349	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	313	331	332	351	350	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	314	332	333	352	351	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	315	333	334	353	352	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	316	334	335	354	353	1	1.500E+00	1.800E+02		1.250E+00	M+B
Q	317	335	336	355	354	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	318	336	337	356	355	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	319	337	338	357	356	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	320	338	339	358	357	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	321	339	340	359	358	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	322	340	341	360	359	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	323	341	342	361	360	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	324	342	343	362	361	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	325	344	345	364	363	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	326	345	346	365	364	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	327	346	347	366	365	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	328	347	348	367	366	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	329	348	349	368	367	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	330	349	350	369	368	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	331	350	351	370	369	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	332	351	352	371	370	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	333	352	353	372	371	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	334	353	354	373	372	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	335	354	355	374	373	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	336	355	356	375	374	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	337	356	357	376	375	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	338	357	358	377	376	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	339	358	359	378	377	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	340	359	360	379	378	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	341	360	361	380	379	1	1.500E+00	1.080E+02		7.500E-01	M+B
Q	342	361	362	381	380	1	1.500E+00	4.800E+01		3.333E-01	M+B
Q	343	363	364	383	382	1	1.500E+00	4.800E+01		3.333E-01	M+B

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Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	344	364	365	384	383	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	345	365	366	385	384	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	346	366	367	386	385	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	347	367	368	387	386	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	348	368	369	388	387	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	349	369	370	389	388	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	350	370	371	390	389	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	351	371	372	391	390	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	352	372	373	392	391	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	353	373	374	393	392	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	354	374	375	394	393	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	355	375	376	395	394	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	356	376	377	396	395	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	357	377	378	397	396	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	358	378	379	398	397	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	359	379	380	399	398	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	360	380	381	400	399	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	361	382	383	402	401	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	362	383	384	403	402	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	363	384	385	404	403	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	364	385	386	405	404	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	365	386	387	406	405	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	366	387	388	407	406	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	367	388	389	408	407	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	368	389	390	409	408	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	369	390	391	410	409	1	1.500E+00	1.500E+02		1.500E+00	M+B
QUAD	370	391	392	411	410	1	1.500E+00	1.500E+02		1.500E+00	M+B
QUAD	371	392	393	412	411	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	372	393	394	413	412	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	373	394	395	414	413	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	374	395	396	415	414	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	375	396	397	416	415	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	376	397	398	417	416	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	377	398	399	418	417	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	378	399	400	419	418	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	379	401	402	421	420	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	380	402	403	422	421	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	381	403	404	423	422	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	382	404	405	424	423	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	383	405	406	425	424	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	384	406	407	426	425	1	1.500E+00	1.200E+02		1.200E+00	M+B

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Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	385	407	408	427	426	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	386	408	409	428	427	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	387	409	410	429	428	1	1.500E+00	1.500E+02		1.500E+00	M+B
QUAD	388	410	411	430	429	1	1.500E+00	1.500E+02		1.500E+00	M+B
QUAD	389	411	412	431	430	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	390	412	413	432	431	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	391	413	414	433	432	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	392	414	415	434	433	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	393	415	416	435	434	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	394	416	417	436	435	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	395	417	418	437	436	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	396	418	419	438	437	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	397	420	421	440	439	1	1.500E+00	1.600E+01		1.000E+00	M+B
QUAD	398	421	422	441	440	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	399	422	423	442	441	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	400	423	424	443	442	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	401	424	425	444	443	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	402	425	426	445	444	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	403	426	427	446	445	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	404	427	428	447	446	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	405	428	429	448	447	1	1.500E+00	6.000E+01		3.750E+00	M+B
QUAD	406	429	430	449	448	1	1.500E+00	6.000E+01		3.750E+00	M+B
QUAD	407	430	431	450	449	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	408	431	432	451	450	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	409	432	433	452	451	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	410	433	434	453	452	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	411	434	435	454	453	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	412	435	436	455	454	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	413	436	437	456	455	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	414	437	438	457	456	1	1.500E+00	1.600E+01		1.000E+00	M+B
QUAD	415	20	21	591	590	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	416	21	22	592	591	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	417	22	23	593	592	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	418	23	24	594	593	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	419	24	25	595	594	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	420	25	26	596	595	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	421	26	27	597	596	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	422	27	28	598	597	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	423	28	29	599	598	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	424	29	30	600	599	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	425	30	31	601	600	3	2.500E-01	8.400E+01		1.714E+00	M+B

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Plate		Nodes				Mat			Shear Web	Aspect	Plate
	No.	I	J	K	L	No.	Thickness	Area	Thickness	Ratio	Type
QUAD	426	31	32	602	601	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	427	32	33	603	602	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	428	33	34	604	603	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	429	34	35	605	604	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	430	35	36	606	605	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	431	36	37	607	606	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	432	37	38	608	607	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	433	134	135	508	507	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	434	135	136	509	508	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	435	136	137	510	509	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	436	137	138	511	510	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	437	138	139	512	511	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	438	139	140	513	512	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	439	140	141	514	513	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	440	141	142	515	514	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	441	142	143	516	515	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	442	143	144	517	516	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	443	144	145	518	517	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	444	145	146	519	518	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	445	146	147	520	519	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	446	147	148	521	520	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	447	148	149	522	521	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	448	149	150	523	522	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	449	150	151	524	523	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	450	151	152	525	524	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	451	172	173	529	528	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	452	173	174	530	529	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	453	174	175	531	530	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	454	175	176	532	531	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	455	176	177	533	532	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	456	177	178	534	533	3	2.500E-01	1.120E+02		2.286E+00	M+B
QUAD	457	178	179	535	534	3	2.500E-01	6.300E+01		1.273E+00	M+B
QUAD	458	179	180	536	535	3	2.500E-01	7.700E+01		1.556E+00	M+B
QUAD	459	180	181	537	536	3	2.500E-01	7.700E+01		1.556E+00	M+B
QUAD	460	181	182	538	537	3	2.500E-01	7.700E+01		1.444E+00	M+B
TRI	461	182	183	538		3	2.500E-01	3.500E+01		1.414E+00	M+B
QUAD	462	183	184	539	538	3	2.500E-01	9.100E+01		1.707E+00	M+B
QUAD	463	184	185	540	539	3	2.500E-01	5.600E+01		1.143E+00	M+B
QUAD	464	185	186	541	540	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	465	186	187	542	541	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	466	187	188	543	542	3	2.500E-01	7.000E+01		1.429E+00	M+B

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	467	188	189	544	543	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	468	189	190	545	544	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	469	190	191	546	545	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	470	267	268	550	549	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	471	268	269	551	550	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	472	269	270	552	551	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	473	270	271	553	552	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	474	271	272	554	553	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	475	272	273	555	554	3	2.500E-01	1.120E+02		2.286E+00	M+B
QUAD	476	273	274	556	555	3	2.500E-01	6.300E+01		1.273E+00	M+B
QUAD	477	274	275	557	556	3	2.500E-01	7.700E+01		1.556E+00	M+B
QUAD	478	275	276	558	557	3	2.500E-01	7.700E+01		1.556E+00	M+B
QUAD	479	276	277	559	558	3	2.500E-01	7.700E+01		1.444E+00	M+B
QUAD	480	277	278	560	559	3	2.500E-01	7.700E+01		1.279E+00	M+B
( )	481	278	279	561	560	3	2.500E-01	4.900E+01		9.191E-01	M+B
TRI	482	279	280	561		3	2.500E-01	2.800E+01		9.923E-01	M+B
QUAD	483	280	281	562	561	3	2.500E-01	1.120E+02		1.985E+00	M+B
QUAD	484	281	282	563	562	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	485	282	283	564	563	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	486	283	284	565	564	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	487	284	285	566	565	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	488	285	286	567	566	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	489	306	307	571	570	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	490	307	308	572	571	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	491	308	309	573	572	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	492	309	310	574	573	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	493	310	311	575	574	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	494	311	312	576	575	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	495	312	313	577	576	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	496	313	314	578	577	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	497	314	315	579	578	3	2.500E-01	1.050E+02		2.143E+00	M+B
QUAD	498	315	316	580	579	3	2.500E-01	1.050E+02		2.143E+00	M+B
QUAD	499	316	317	581	580	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	500	317	318	582	581	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	501	318	319	583	582	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	502	319	320	584	583	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	503	320	321	585	584	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	504	321	322	586	585	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	505	322	323	587	586	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	506	323	324	588	587	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	507	420	421	610	609	3	2.500E-01	2.800E+01		5.714E-01	M+B

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

	Plate No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	508	421	422	611	610	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	509	422	423	612	611	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	510	423	424	613	612	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	511	424	425	614	613	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	512	425	426	615	614	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	513	426	427	616	615	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	514	427	428	617	616	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	515	428	429	618	617	3	2.500E-01	1.050E+02		2.143E+00	M+B
QUAD	516	429	430	619	618	3	2.500E-01	1.050E+02		2.143E+00	M+B
QUAD	517	430	431	620	619	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	518	431	432	621	620	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	519	432	433	622	621	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	520	433	434	623	622	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	521	434	435	624	623	3	2.500E-01	7.000E+01		1.429E+00	M+B
( )	522	435	436	625	624	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	523	436	437	626	625	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	524	437	438	627	626	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	525	58	59	688	718	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	526	59	60	719	688	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	527	60	61	720	719	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	528	61	62	630	720	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	529	72	73	721	642	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	530	73	74	722	721	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	531	74	75	703	722	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	532	75	76	723	703	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	533	382	383	700	726	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	534	383	384	727	700	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	535	384	385	728	727	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	536	385	386	662	728	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	537	396	397	729	683	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	538	397	398	730	729	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	539	398	399	715	730	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	540	399	400	731	715	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	541	21	40	687	591	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	542	40	59	688	687	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	543	59	78	689	688	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	544	78	97	690	689	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	545	97	116	691	690	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	546	116	135	508	691	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	547	173	193	692	529	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	548	193	208	693	692	3	2.500E-01	7.000E+01		1.429E+00	M+B

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Plate		Nodes				Mat			Shear Web	Aspect	Plate
	No.	I	J	K	L	No.	Thickness	Area	Thickness	Ratio	Type
QUAD	549	208	223	694	693	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	550	223	238	695	694	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	551	238	253	696	695	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	552	253	268	550	696	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	553	307	326	697	571	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	554	326	345	698	697	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	555	345	364	699	698	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	556	364	383	700	699	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	557	383	402	701	700	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	558	402	421	610	701	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	559	24	43	629	594	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	560	43	62	630	629	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	561	62	81	631	630	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	562	81	100	632	631	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	563	100	119	633	632	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	564	119	138	511	633	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	565	310	329	659	574	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	566	329	348	660	659	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	567	348	367	661	660	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	568	367	386	662	661	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	569	386	405	663	662	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	570	405	424	613	663	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	571	178	198	649	534	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	572	198	213	650	649	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	573	213	228	651	650	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	574	228	243	652	651	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	575	243	258	653	652	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	576	258	273	555	653	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	577	314	333	666	578	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	578	333	352	667	666	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	579	352	371	668	667	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	580	371	390	669	668	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	581	390	409	670	669	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	582	409	428	617	670	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	583	428	447	671	617	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	584	10	29	599	634	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	585	29	48	635	599	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	586	48	67	636	635	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	587	67	86	637	636	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	588	86	105	638	637	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	589	105	124	639	638	3	2.500E-01	8.400E+01		1.714E+00	M+B

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	590	124	143	516	639	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	591	316	335	673	580	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	592	335	354	674	673	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	593	354	373	675	674	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	594	373	392	676	675	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	595	392	411	677	676	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	596	411	430	619	677	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	597	430	449	678	619	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	598	184	199	654	539	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	599	199	214	655	654	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	600	214	229	656	655	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	601	229	244	657	656	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	602	244	259	658	657	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	603	259	279	561	658	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	604	15	34	604	640	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	605	34	53	641	604	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	606	53	72	642	641	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	607	72	91	643	642	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	608	91	110	644	643	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	609	110	129	645	644	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	610	129	148	521	645	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	611	320	339	680	584	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	612	339	358	681	680	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	613	358	377	682	681	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	614	377	396	683	682	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	615	396	415	684	683	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	616	415	434	623	684	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	617	434	453	685	623	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	618	37	56	702	607	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	619	56	75	703	702	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	620	75	94	704	703	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	621	94	113	705	704	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	622	113	132	706	705	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	623	132	151	524	706	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	624	190	205	707	545	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	625	205	220	708	707	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	626	220	235	709	708	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	627	235	250	710	709	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	628	250	265	711	710	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	629	265	285	566	711	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	630	323	342	712	587	3	2.500E-01	7.700E+01		1.571E+00	M+B

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Plate		Nodes				Mat			Shear Web	Aspect	Plate
	No.	I	J	K	L	No.	Thickness	Area	Thickness	Ratio	Type
QUAD	631	342	361	713	712	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	632	361	380	714	713	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	633	380	399	715	714	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	634	399	418	716	715	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	635	418	437	626	716	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	636	5	24	594	628	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	637	424	443	664	613	3	2.500E-01	2.800E+01		5.714E-01	M+B

RESTRAINTS

Node No	Global/Local	Restraint Directions
508	GLOBAL	- Y - - - -
524	GLOBAL	- Y - - - -
529	GLOBAL	- Y - - - -
545	GLOBAL	- Y - - - -
550	GLOBAL	- Y - - - -
566	GLOBAL	- Y - - - -
571	GLOBAL	- Y - - - -
587	GLOBAL	- Y - - - -
590	GLOBAL	- Y - - - -
591	GLOBAL	- Y - - - -
592	GLOBAL	- Y - - - -
593	GLOBAL	- Y - - - -
594	GLOBAL	- Y - - - -
595	GLOBAL	- Y - - - -
596	GLOBAL	- Y - - - -
597	GLOBAL	- Y - - - -
598	GLOBAL	- Y - - - -
599	GLOBAL	- Y - - - -
600	GLOBAL	- Y - - - -
601	GLOBAL	- Y - - - -
602	GLOBAL	- Y - - - -
603	GLOBAL	- Y - - - -
604	GLOBAL	- Y - - - -
605	GLOBAL	- Y - - - -
606	GLOBAL	- Y - - - -
607	GLOBAL	- Y - - - -
608	GLOBAL	- Y - - - -

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node No	Global/Local	Restraint Directions
609	GLOBAL	- Y - - - -
610	GLOBAL	- Y - - - -
611	GLOBAL	- Y - - - -
612	GLOBAL	- Y - - - -
613	GLOBAL	- Y - - - -
614	GLOBAL	- Y - - - -
615	GLOBAL	- Y - - - -
616	GLOBAL	- Y - - - -
617	GLOBAL	- Y - - - -
618	GLOBAL	- Y - - - -
619	GLOBAL	- Y - - - -
620	GLOBAL	- Y - - - -
621	GLOBAL	- Y - - - -
622	GLOBAL	- Y - - - -
623	GLOBAL	- Y - - - -
624	GLOBAL	- Y - - - -
625	GLOBAL	- Y - - - -
626	GLOBAL	- Y - - - -
627	GLOBAL	- Y - - - -
687	GLOBAL	- Y - - - -
688	GLOBAL	- Y - - - -
689	GLOBAL	- Y - - - -
690	GLOBAL	- Y - - - -
691	GLOBAL	- Y - - - -
692	GLOBAL	- Y - - - -
693	GLOBAL	- Y - - - -
694	GLOBAL	- Y - - - -
695	GLOBAL	- Y - - - -
696	GLOBAL	- Y - - - -
697	GLOBAL	- Y - - - -
698	GLOBAL	- Y - - - -
699	GLOBAL	- Y - - - -
700	GLOBAL	- Y - - - -
701	GLOBAL	- Y - - - -
702	GLOBAL	- Y - - - -
703	GLOBAL	- Y - - - -
704	GLOBAL	- Y - - - -
705	GLOBAL	- Y - - - -
706	GLOBAL	- Y - - - -
707	GLOBAL	- Y - - - -
708	GLOBAL	- Y - - - -

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node No	Global/Local	Restraint Directions
709	GLOBAL	- Y - - - -
710	GLOBAL	- Y - - - -
711	GLOBAL	- Y - - - -
712	GLOBAL	- Y - - - -
713	GLOBAL	- Y - - - -
714	GLOBAL	- Y - - - -
715	GLOBAL	- Y - - - -
716	GLOBAL	- Y - - - -
733	GLOBAL	X - Z - - -
734	GLOBAL	X - Z - - -
735	GLOBAL	X - Z - - -
736	GLOBAL	X - - - - -
737	GLOBAL	X - - - - -
738	GLOBAL	X - - - - -
739	GLOBAL	X - - - - -
740	GLOBAL	X - Z - - -
741	GLOBAL	X - Z - - -
742	GLOBAL	X - Z - - -
743	GLOBAL	X - Z - - -
744	GLOBAL	X - Z - - -
745	GLOBAL	X - Z - - -
746	GLOBAL	- - Z - - -
747	GLOBAL	- - Z - - -
748	GLOBAL	- - Z - - -
749	GLOBAL	- - Z - - -
750	GLOBAL	- - Z - - -
751	GLOBAL	- - Z - - -

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SOLVE FREQUENCIES Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Number of frequencies requested 2
Number of frequencies printed 2
Acceleration of gravity 386.40

Mode	Eigenvalue	Frequency	Period	Error
1	.270818E+04	.828245E+01	.120737E+00	.506897E-15
2	.950452E+04	.155162E+02	.644488E-01	.596384E-06

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SOLVE PARTICIPATION Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Mode	Generalized Weight	PARTICIPATION FACTORS X	Y	Z
1	.2600E+05	.4883E-01	-.5800E-01	.1250E+01
2	.1521E+05	.2284E+00	-.4258E+00	-.2971E-01

Mode	EFFECTIVE MODAL WEIGHTS X	Y	Z	% TOTAL SYSTEM WEIGHTS X	Y	Z
1	.6200E+02	.8748E+02	.4060E+05	.12	.17	75.59
2	.7933E+03	.2757E+04	.1342E+02	1.48	5.39	.02
			Summation:	1.59	5.56	75.61

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/10/94 By M. B. Lasota
Checked 5/18/94 By George J. Zigh
Revised N/A By N/A

Attachment 3.

Static Analysis, Load Case 1 - Run ID = VG62652.

Date: 04-18-1994; Time: 10:38:54

TOTAL 52 PAGES + 3 COVER SHEETS

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

MATERIAL PROPERTIES

Material No	Modulus of Elasticity	Weight Density	Coeff of Thermal Exp.	Poisson's Ratio	Shear Web Modulus
1	3.00000E+07	7.00200E-01	0.00000E+00	3.00E-01	1.12000E+07
2	1.00000E+09	1.00000E-09	0.00000E+00	3.00E-01	3.85000E+08
3	3.00000E+07	2.83000E-01	0.00000E+00	3.00E-01	1.12000E+07

NONLINEAT SPRING CONSTANTS

Spring Const.	S T I F F N E S S KT1	KC1	KT2	KC2	Limit Displacement Tension	Compression
1	1.000E+07	0.000E+00	1.000E+07	0.000E+00	0.000E+00	0.000E+00

NODE COORDINATES

Node	X-Coord.	Y-Coord.	Z-Coord.
1	0.00000E+00	0.00000E+00	0.00000E+00
2	4.00000E+00	0.00000E+00	0.00000E+00
3	1.30000E+01	0.00000E+00	0.00000E+00
4	2.30000E+01	0.00000E+00	0.00000E+00
5	3.30000E+01	0.00000E+00	0.00000E+00
6	4.50000E+01	0.00000E+00	0.00000E+00
7	5.70000E+01	0.00000E+00	0.00000E+00
8	6.90000E+01	0.00000E+00	0.00000E+00
9	8.10000E+01	0.00000E+00	0.00000E+00
10	9.30000E+01	0.00000E+00	0.00000E+00
11	1.05000E+02	0.00000E+00	0.00000E+00
12	1.17000E+02	0.00000E+00	0.00000E+00
13	1.29000E+02	0.00000E+00	0.00000E+00
14	1.41000E+02	0.00000E+00	0.00000E+00
15	1.53000E+02	0.00000E+00	0.00000E+00
16	1.63000E+02	0.00000E+00	0.00000E+00
17	1.73000E+02	0.00000E+00	0.00000E+00
18	1.82000E+02	0.00000E+00	0.00000E+00
19	1.86000E+02	0.00000E+00	0.00000E+00
20	0.00000E+00	0.00000E+00	4.00000E+00
21	4.00000E+00	0.00000E+00	4.00000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
22	1.30000E+01	0.00000E+00	4.00000E+00
23	2.30000E+01	0.00000E+00	4.00000E+00
24	3.30000E+01	0.00000E+00	4.00000E+00
25	4.50000E+01	0.00000E+00	4.00000E+00
26	5.70000E+01	0.00000E+00	4.00000E+00
27	6.90000E+01	0.00000E+00	4.00000E+00
28	8.10000E+01	0.00000E+00	4.00000E+00
29	9.30000E+01	0.00000E+00	4.00000E+00
30	1.05000E+02	0.00000E+00	4.00000E+00
31	1.17000E+02	0.00000E+00	4.00000E+00
32	1.29000E+02	0.00000E+00	4.00000E+00
33	1.41000E+02	0.00000E+00	4.00000E+00
34	1.53000E+02	0.00000E+00	4.00000E+00
35	1.63000E+02	0.00000E+00	4.00000E+00
36	1.73000E+02	0.00000E+00	4.00000E+00
37	1.82000E+02	0.00000E+00	4.00000E+00
38	1.86000E+02	0.00000E+00	4.00000E+00
39	0.00000E+00	0.00000E+00	1.40000E+01
40	4.00000E+00	0.00000E+00	1.40000E+01
41	1.30000E+01	0.00000E+00	1.40000E+01
42	2.30000E+01	0.00000E+00	1.40000E+01
43	3.30000E+01	0.00000E+00	1.40000E+01
44	4.50000E+01	0.00000E+00	1.40000E+01
45	5.70000E+01	0.00000E+00	1.40000E+01
46	6.90000E+01	0.00000E+00	1.40000E+01
47	8.10000E+01	0.00000E+00	1.40000E+01
48	9.30000E+01	0.00000E+00	1.40000E+01
49	1.05000E+02	0.00000E+00	1.40000E+01
50	1.17000E+02	0.00000E+00	1.40000E+01
51	1.29000E+02	0.00000E+00	1.40000E+01
52	1.41000E+02	0.00000E+00	1.40000E+01
53	1.53000E+02	0.00000E+00	1.40000E+01
54	1.63000E+02	0.00000E+00	1.40000E+01
55	1.73000E+02	0.00000E+00	1.40000E+01
56	1.82000E+02	0.00000E+00	1.40000E+01
57	1.86000E+02	0.00000E+00	1.40000E+01
58	0.00000E+00	0.00000E+00	2.40000E+01
59	4.00000E+00	0.00000E+00	2.40000E+01
60	1.30000E+01	0.00000E+00	2.40000E+01
61	2.30000E+01	0.00000E+00	2.40000E+01
62	3.30000E+01	0.00000E+00	2.40000E+01
63	4.50000E+01	0.00000E+00	2.40000E+01

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
64	5.70000E+01	0.00000E+00	2.40000E+01
65	6.90000E+01	0.00000E+00	2.40000E+01
66	8.10000E+01	0.00000E+00	2.40000E+01
67	9.30000E+01	0.00000E+00	2.40000E+01
68	1.05000E+02	0.00000E+00	2.40000E+01
69	1.17000E+02	0.00000E+00	2.40000E+01
70	1.29000E+02	0.00000E+00	2.40000E+01
71	1.41000E+02	0.00000E+00	2.40000E+01
72	1.53000E+02	0.00000E+00	2.40000E+01
73	1.63000E+02	0.00000E+00	2.40000E+01
74	1.73000E+02	0.00000E+00	2.40000E+01
75	1.82000E+02	0.00000E+00	2.40000E+01
76	1.86000E+02	0.00000E+00	2.40000E+01
77	0.00000E+00	0.00000E+00	3.60000E+01
78	4.00000E+00	0.00000E+00	3.60000E+01
79	1.30000E+01	0.00000E+00	3.60000E+01
80	2.30000E+01	0.00000E+00	3.60000E+01
81	3.30000E+01	0.00000E+00	3.60000E+01
82	4.50000E+01	0.00000E+00	3.60000E+01
83	5.70000E+01	0.00000E+00	3.60000E+01
84	6.90000E+01	0.00000E+00	3.60000E+01
85	8.10000E+01	0.00000E+00	3.60000E+01
86	9.30000E+01	0.00000E+00	3.60000E+01
87	1.05000E+02	0.00000E+00	3.60000E+01
88	1.17000E+02	0.00000E+00	3.60000E+01
89	1.29000E+02	0.00000E+00	3.60000E+01
90	1.41000E+02	0.00000E+00	3.60000E+01
91	1.53000E+02	0.00000E+00	3.60000E+01
92	1.63000E+02	0.00000E+00	3.60000E+01
93	1.73000E+02	0.00000E+00	3.60000E+01
94	1.82000E+02	0.00000E+00	3.60000E+01
95	1.86000E+02	0.00000E+00	3.60000E+01
96	0.00000E+00	0.00000E+00	4.80000E+01
97	4.00000E+00	0.00000E+00	4.80000E+01
98	1.30000E+01	0.00000E+00	4.80000E+01
99	2.30000E+01	0.00000E+00	4.80000E+01
100	3.30000E+01	0.00000E+00	4.80000E+01
101	4.50000E+01	0.00000E+00	4.80000E+01
102	5.70000E+01	0.00000E+00	4.80000E+01
103	6.90000E+01	0.00000E+00	4.80000E+01
104	8.10000E+01	0.00000E+00	4.80000E+01
105	9.30000E+01	0.00000E+00	4.80000E+01

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
106	1.05000E+02	0.00000E+00	4.80000E+01
107	1.17000E+02	0.00000E+00	4.80000E+01
108	1.29000E+02	0.00000E+00	4.80000E+01
109	1.41000E+02	0.00000E+00	4.80000E+01
110	1.53000E+02	0.00000E+00	4.80000E+01
111	1.63000E+02	0.00000E+00	4.80000E+01
112	1.73000E+02	0.00000E+00	4.80000E+01
113	1.82000E+02	0.00000E+00	4.80000E+01
114	1.86000E+02	0.00000E+00	4.80000E+01
115	0.00000E+00	0.00000E+00	6.00000E+01
116	4.00000E+00	0.00000E+00	6.00000E+01
117	1.30000E+01	0.00000E+00	6.00000E+01
118	2.30000E+01	0.00000E+00	6.00000E+01
119	3.30000E+01	0.00000E+00	6.00000E+01
120	4.50000E+01	0.00000E+00	6.00000E+01
121	5.70000E+01	0.00000E+00	6.00000E+01
122	6.90000E+01	0.00000E+00	6.00000E+01
123	8.10000E+01	0.00000E+00	6.00000E+01
124	9.30000E+01	0.00000E+00	6.00000E+01
125	1.05000E+02	0.00000E+00	6.00000E+01
126	1.17000E+02	0.00000E+00	6.00000E+01
127	1.29000E+02	0.00000E+00	6.00000E+01
128	1.41000E+02	0.00000E+00	6.00000E+01
129	1.53000E+02	0.00000E+00	6.00000E+01
130	1.63000E+02	0.00000E+00	6.00000E+01
131	1.73000E+02	0.00000E+00	6.00000E+01
132	1.82000E+02	0.00000E+00	6.00000E+01
133	1.86000E+02	0.00000E+00	6.00000E+01
134	0.00000E+00	0.00000E+00	7.10000E+01
135	4.00000E+00	0.00000E+00	7.10000E+01
136	1.30000E+01	0.00000E+00	7.10000E+01
137	2.30000E+01	0.00000E+00	7.10000E+01
138	3.30000E+01	0.00000E+00	7.10000E+01
139	4.50000E+01	0.00000E+00	7.10000E+01
140	5.70000E+01	0.00000E+00	7.10000E+01
141	6.90000E+01	0.00000E+00	7.10000E+01
142	8.10000E+01	0.00000E+00	7.10000E+01
143	9.30000E+01	0.00000E+00	7.10000E+01
144	1.05000E+02	0.00000E+00	7.10000E+01
145	1.17000E+02	0.00000E+00	7.10000E+01
146	1.29000E+02	0.00000E+00	7.10000E+01
147	1.41000E+02	0.00000E+00	7.10000E+01

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
148	1.53000E+02	0.00000E+00	7.10000E+01
149	1.63000E+02	0.00000E+00	7.10000E+01
150	1.73000E+02	0.00000E+00	7.10000E+01
151	1.82000E+02	0.00000E+00	7.10000E+01
152	1.86000E+02	0.00000E+00	7.10000E+01
153	0.00000E+00	0.00000E+00	7.79000E+01
154	4.00000E+00	0.00000E+00	7.79000E+01
155	1.30000E+01	0.00000E+00	7.79000E+01
156	2.30000E+01	0.00000E+00	7.79000E+01
157	3.30000E+01	0.00000E+00	7.79000E+01
158	4.50000E+01	0.00000E+00	7.79000E+01
159	5.70000E+01	0.00000E+00	7.79000E+01
160	6.90000E+01	0.00000E+00	7.79000E+01
161	8.10000E+01	0.00000E+00	7.79000E+01
162	9.30000E+01	0.00000E+00	7.79000E+01
163	1.05000E+02	0.00000E+00	7.79000E+01
164	1.17000E+02	0.00000E+00	7.79000E+01
165	1.29000E+02	0.00000E+00	7.79000E+01
166	1.41000E+02	0.00000E+00	7.79000E+01
167	1.53000E+02	0.00000E+00	7.79000E+01
168	1.63000E+02	0.00000E+00	7.79000E+01
169	1.73000E+02	0.00000E+00	7.79000E+01
170	1.82000E+02	0.00000E+00	7.79000E+01
171	1.86000E+02	0.00000E+00	7.79000E+01
172	0.00000E+00	0.00000E+00	7.80000E+01
173	4.00000E+00	0.00000E+00	7.80000E+01
174	1.30000E+01	0.00000E+00	7.80000E+01
175	2.30000E+01	0.00000E+00	7.80000E+01
176	3.30000E+01	0.00000E+00	7.80000E+01
177	4.50000E+01	0.00000E+00	7.80000E+01
178	6.10000E+01	0.00000E+00	7.80000E+01
179	7.10000E+01	0.00000E+00	7.80000E+01
180	8.10000E+01	0.00000E+00	7.80000E+01
181	9.10000E+01	0.00000E+00	7.80000E+01
182	1.01000E+02	0.00000E+00	7.80000E+01
183	1.11000E+02	0.00000E+00	7.80000E+01
184	1.21000E+02	0.00000E+00	7.80000E+01
185	1.29000E+02	0.00000E+00	7.80000E+01
186	1.41000E+02	0.00000E+00	7.80000E+01
187	1.53000E+02	0.00000E+00	7.80000E+01
188	1.63000E+02	0.00000E+00	7.80000E+01
189	1.73000E+02	0.00000E+00	7.80000E+01

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
190	1.82000E+02	0.00000E+00	7.80000E+01
191	1.86000E+02	0.00000E+00	7.80000E+01
192	0.00000E+00	0.00000E+00	8.80000E+01
193	4.00000E+00	0.00000E+00	8.80000E+01
194	1.30000E+01	0.00000E+00	8.80000E+01
195	2.30000E+01	0.00000E+00	8.80000E+01
196	3.30000E+01	0.00000E+00	8.80000E+01
197	4.50000E+01	0.00000E+00	8.80000E+01
198	6.10000E+01	0.00000E+00	8.80000E+01
199	1.21000E+02	0.00000E+00	8.80000E+01
200	1.29000E+02	0.00000E+00	8.80000E+01
201	1.41000E+02	0.00000E+00	8.80000E+01
202	1.53000E+02	0.00000E+00	8.80000E+01
203	1.63000E+02	0.00000E+00	8.80000E+01
204	1.73000E+02	0.00000E+00	8.80000E+01
205	1.82000E+02	0.00000E+00	8.80000E+01
206	1.86000E+02	0.00000E+00	8.80000E+01
207	0.00000E+00	0.00000E+00	9.80000E+01
208	4.00000E+00	0.00000E+00	9.80000E+01
209	1.30000E+01	0.00000E+00	9.80000E+01
210	2.30000E+01	0.00000E+00	9.80000E+01
211	3.30000E+01	0.00000E+00	9.80000E+01
212	4.50000E+01	0.00000E+00	9.80000E+01
213	6.10000E+01	0.00000E+00	9.80000E+01
214	1.21000E+02	0.00000E+00	9.80000E+01
215	1.29000E+02	0.00000E+00	9.80000E+01
216	1.41000E+02	0.00000E+00	9.80000E+01
217	1.53000E+02	0.00000E+00	9.80000E+01
218	1.63000E+02	0.00000E+00	9.80000E+01
219	1.73000E+02	0.00000E+00	9.80000E+01
220	1.82000E+02	0.00000E+00	9.80000E+01
221	1.86000E+02	0.00000E+00	9.80000E+01
222	0.00000E+00	0.00000E+00	1.08000E+02
223	4.00000E+00	0.00000E+00	1.08000E+02
224	1.30000E+01	0.00000E+00	1.08000E+02
225	2.30000E+01	0.00000E+00	1.08000E+02
226	3.30000E+01	0.00000E+00	1.08000E+02
227	4.50000E+01	0.00000E+00	1.08000E+02
228	6.10000E+01	0.00000E+00	1.08000E+02
229	1.21000E+02	0.00000E+00	1.08000E+02
230	1.29000E+02	0.00000E+00	1.08000E+02
231	1.41000E+02	0.00000E+00	1.08000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
232	1.53000E+02	0.00000E+00	1.08000E+02
233	1.63000E+02	0.00000E+00	1.08000E+02
234	1.73000E+02	0.00000E+00	1.08000E+02
235	1.82000E+02	0.00000E+00	1.08000E+02
236	1.86000E+02	0.00000E+00	1.08000E+02
237	0.00000E+00	0.00000E+00	1.18000E+02
238	4.00000E+00	0.00000E+00	1.18000E+02
239	1.30000E+01	0.00000E+00	1.18000E+02
240	2.30000E+01	0.00000E+00	1.18000E+02
241	3.30000E+01	0.00000E+00	1.18000E+02
242	4.50000E+01	0.00000E+00	1.18000E+02
243	6.10000E+01	0.00000E+00	1.18000E+02
244	1.21000E+02	0.00000E+00	1.18000E+02
245	1.29000E+02	0.00000E+00	1.18000E+02
246	1.41000E+02	0.00000E+00	1.18000E+02
247	1.53000E+02	0.00000E+00	1.18000E+02
248	1.63000E+02	0.00000E+00	1.18000E+02
249	1.73000E+02	0.00000E+00	1.18000E+02
250	1.82000E+02	0.00000E+00	1.18000E+02
251	1.86000E+02	0.00000E+00	1.18000E+02
252	0.00000E+00	0.00000E+00	1.28000E+02
253	4.00000E+00	0.00000E+00	1.28000E+02
254	1.30000E+01	0.00000E+00	1.28000E+02
255	2.30000E+01	0.00000E+00	1.28000E+02
256	3.30000E+01	0.00000E+00	1.28000E+02
257	4.50000E+01	0.00000E+00	1.28000E+02
258	6.10000E+01	0.00000E+00	1.28000E+02
259	1.21000E+02	0.00000E+00	1.28000E+02
260	1.29000E+02	0.00000E+00	1.28000E+02
261	1.41000E+02	0.00000E+00	1.28000E+02
262	1.53000E+02	0.00000E+00	1.28000E+02
263	1.63000E+02	0.00000E+00	1.28000E+02
264	1.73000E+02	0.00000E+00	1.28000E+02
265	1.82000E+02	0.00000E+00	1.28000E+02
266	1.86000E+02	0.00000E+00	1.28000E+02
267	0.00000E+00	0.00000E+00	1.38000E+02
268	4.00000E+00	0.00000E+00	1.38000E+02
269	1.30000E+01	0.00000E+00	1.38000E+02
270	2.30000E+01	0.00000E+00	1.38000E+02
271	3.30000E+01	0.00000E+00	1.38000E+02
272	4.50000E+01	0.00000E+00	1.38000E+02
273	6.10000E+01	0.00000E+00	1.38000E+02

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Node	X-Coord.	Y-Coord.	Z-Coord.
274	7.10000E+01	0.00000E+00	1.38000E+02
275	8.10000E+01	0.00000E+00	1.38000E+02
276	9.10000E+01	0.00000E+00	1.38000E+02
277	1.01000E+02	0.00000E+00	1.38000E+02
278	1.11000E+02	0.00000E+00	1.38000E+02
279	1.21000E+02	0.00000E+00	1.38000E+02
280	1.29000E+02	0.00000E+00	1.38000E+02
281	1.41000E+02	0.00000E+00	1.38000E+02
282	1.53000E+02	0.00000E+00	1.38000E+02
283	1.63000E+02	0.00000E+00	1.38000E+02
284	1.73000E+02	0.00000E+00	1.38000E+02
285	1.82000E+02	0.00000E+00	1.38000E+02
286	1.86000E+02	0.00000E+00	1.38000E+02
287	0.00000E+00	0.00000E+00	1.38100E+02
288	4.00000E+00	0.00000E+00	1.38100E+02
289	1.30000E+01	0.00000E+00	1.38100E+02
290	2.30000E+01	0.00000E+00	1.38100E+02
291	3.30000E+01	0.00000E+00	1.38100E+02
292	4.50000E+01	0.00000E+00	1.38100E+02
293	5.70000E+01	0.00000E+00	1.38100E+02
294	6.90000E+01	0.00000E+00	1.38100E+02
295	7.80000E+01	0.00000E+00	1.38100E+02
296	9.30000E+01	0.00000E+00	1.38100E+02
297	1.08000E+02	0.00000E+00	1.38100E+02
298	1.17000E+02	0.00000E+00	1.38100E+02
299	1.29000E+02	0.00000E+00	1.38100E+02
300	1.41000E+02	0.00000E+00	1.38100E+02
301	1.53000E+02	0.00000E+00	1.38100E+02
302	1.63000E+02	0.00000E+00	1.38100E+02
303	1.73000E+02	0.00000E+00	1.38100E+02
304	1.82000E+02	0.00000E+00	1.38100E+02
305	1.86000E+02	0.00000E+00	1.38100E+02
306	0.00000E+00	0.00000E+00	1.45000E+02
307	4.00000E+00	0.00000E+00	1.45000E+02
308	1.30000E+01	0.00000E+00	1.45000E+02
309	2.30000E+01	0.00000E+00	1.45000E+02
310	3.30000E+01	0.00000E+00	1.45000E+02
311	4.50000E+01	0.00000E+00	1.45000E+02
312	5.70000E+01	0.00000E+00	1.45000E+02
313	6.90000E+01	0.00000E+00	1.45000E+02
314	7.80000E+01	0.00000E+00	1.45000E+02
315	9.30000E+01	0.00000E+00	1.45000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
316	1.08000E+02	0.00000E+00	1.45000E+02
317	1.17000E+02	0.00000E+00	1.45000E+02
318	1.29000E+02	0.00000E+00	1.45000E+02
319	1.41000E+02	0.00000E+00	1.45000E+02
320	1.53000E+02	0.00000E+00	1.45000E+02
321	1.63000E+02	0.00000E+00	1.45000E+02
322	1.73000E+02	0.00000E+00	1.45000E+02
323	1.82000E+02	0.00000E+00	1.45000E+02
324	1.86000E+02	0.00000E+00	1.45000E+02
325	0.00000E+00	0.00000E+00	1.56000E+02
326	4.00000E+00	0.00000E+00	1.56000E+02
327	1.30000E+01	0.00000E+00	1.56000E+02
328	2.30000E+01	0.00000E+00	1.56000E+02
329	3.30000E+01	0.00000E+00	1.56000E+02
330	4.50000E+01	0.00000E+00	1.56000E+02
331	5.70000E+01	0.00000E+00	1.56000E+02
332	6.90000E+01	0.00000E+00	1.56000E+02
333	7.80000E+01	0.00000E+00	1.56000E+02
334	9.30000E+01	0.00000E+00	1.56000E+02
335	1.08000E+02	0.00000E+00	1.56000E+02
336	1.17000E+02	0.00000E+00	1.56000E+02
337	1.29000E+02	0.00000E+00	1.56000E+02
338	1.41000E+02	0.00000E+00	1.56000E+02
339	1.53000E+02	0.00000E+00	1.56000E+02
340	1.63000E+02	0.00000E+00	1.56000E+02
341	1.73000E+02	0.00000E+00	1.56000E+02
342	1.82000E+02	0.00000E+00	1.56000E+02
343	1.86000E+02	0.00000E+00	1.56000E+02
344	0.00000E+00	0.00000E+00	1.68000E+02
345	4.00000E+00	0.00000E+00	1.68000E+02
346	1.30000E+01	0.00000E+00	1.68000E+02
347	2.30000E+01	0.00000E+00	1.68000E+02
348	3.30000E+01	0.00000E+00	1.68000E+02
349	4.50000E+01	0.00000E+00	1.68000E+02
350	5.70000E+01	0.00000E+00	1.68000E+02
351	6.90000E+01	0.00000E+00	1.68000E+02
352	7.80000E+01	0.00000E+00	1.68000E+02
353	9.30000E+01	0.00000E+00	1.68000E+02
354	1.08000E+02	0.00000E+00	1.68000E+02
355	1.17000E+02	0.00000E+00	1.68000E+02
356	1.29000E+02	0.00000E+00	1.68000E+02
357	1.41000E+02	0.00000E+00	1.68000E+02

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Node	X-Coord.	Y-Coord.	Z-Coord.
358	1.53000E+02	0.00000E+00	1.68000E+02
359	1.63000E+02	0.00000E+00	1.68000E+02
360	1.73000E+02	0.00000E+00	1.68000E+02
361	1.82000E+02	0.00000E+00	1.68000E+02
362	1.86000E+02	0.00000E+00	1.68000E+02
363	0.00000E+00	0.00000E+00	1.80000E+02
364	4.00000E+00	0.00000E+00	1.80000E+02
365	1.30000E+01	0.00000E+00	1.80000E+02
366	2.30000E+01	0.00000E+00	1.80000E+02
367	3.30000E+01	0.00000E+00	1.80000E+02
368	4.50000E+01	0.00000E+00	1.80000E+02
369	5.70000E+01	0.00000E+00	1.80000E+02
370	6.90000E+01	0.00000E+00	1.80000E+02
371	7.80000E+01	0.00000E+00	1.80000E+02
372	9.30000E+01	0.00000E+00	1.80000E+02
373	1.08000E+02	0.00000E+00	1.80000E+02
374	1.17000E+02	0.00000E+00	1.80000E+02
375	1.29000E+02	0.00000E+00	1.80000E+02
376	1.41000E+02	0.00000E+00	1.80000E+02
377	1.53000E+02	0.00000E+00	1.80000E+02
378	1.63000E+02	0.00000E+00	1.80000E+02
379	1.73000E+02	0.00000E+00	1.80000E+02
380	1.82000E+02	0.00000E+00	1.80000E+02
381	1.86000E+02	0.00000E+00	1.80000E+02
382	0.00000E+00	0.00000E+00	1.92000E+02
383	4.00000E+00	0.00000E+00	1.92000E+02
384	1.30000E+01	0.00000E+00	1.92000E+02
385	2.30000E+01	0.00000E+00	1.92000E+02
386	3.30000E+01	0.00000E+00	1.92000E+02
387	4.50000E+01	0.00000E+00	1.92000E+02
388	5.70000E+01	0.00000E+00	1.92000E+02
389	6.90000E+01	0.00000E+00	1.92000E+02
390	7.80000E+01	0.00000E+00	1.92000E+02
391	9.30000E+01	0.00000E+00	1.92000E+02
392	1.08000E+02	0.00000E+00	1.92000E+02
393	1.17000E+02	0.00000E+00	1.92000E+02
394	1.29000E+02	0.00000E+00	1.92000E+02
395	1.41000E+02	0.00000E+00	1.92000E+02
396	1.53000E+02	0.00000E+00	1.92000E+02
397	1.63000E+02	0.00000E+00	1.92000E+02
398	1.73000E+02	0.00000E+00	1.92000E+02
399	1.82000E+02	0.00000E+00	1.92000E+02

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Node	X-Coord.	Y-Coord.	Z-Coord.
400	1.86000E+02	0.00000E+00	1.92000E+02
401	0.00000E+00	0.00000E+00	2.02000E+02
402	4.00000E+00	0.00000E+00	2.02000E+02
403	1.30000E+01	0.00000E+00	2.02000E+02
404	2.30000E+01	0.00000E+00	2.02000E+02
405	3.30000E+01	0.00000E+00	2.02000E+02
406	4.50000E+01	0.00000E+00	2.02000E+02
407	5.70000E+01	0.00000E+00	2.02000E+02
408	6.90000E+01	0.00000E+00	2.02000E+02
409	7.80000E+01	0.00000E+00	2.02000E+02
410	9.30000E+01	0.00000E+00	2.02000E+02
411	1.08000E+02	0.00000E+00	2.02000E+02
412	1.17000E+02	0.00000E+00	2.02000E+02
413	1.29000E+02	0.00000E+00	2.02000E+02
414	1.41000E+02	0.00000E+00	2.02000E+02
415	1.53000E+02	0.00000E+00	2.02000E+02
416	1.63000E+02	0.00000E+00	2.02000E+02
417	1.73000E+02	0.00000E+00	2.02000E+02
418	1.82000E+02	0.00000E+00	2.02000E+02
419	1.86000E+02	0.00000E+00	2.02000E+02
420	0.00000E+00	0.00000E+00	2.12000E+02
421	4.00000E+00	0.00000E+00	2.12000E+02
422	1.30000E+01	0.00000E+00	2.12000E+02
423	2.30000E+01	0.00000E+00	2.12000E+02
424	3.30000E+01	0.00000E+00	2.12000E+02
425	4.50000E+01	0.00000E+00	2.12000E+02
426	5.70000E+01	0.00000E+00	2.12000E+02
427	6.90000E+01	0.00000E+00	2.12000E+02
428	7.80000E+01	0.00000E+00	2.12000E+02
429	9.30000E+01	0.00000E+00	2.12000E+02
430	1.08000E+02	0.00000E+00	2.12000E+02
431	1.17000E+02	0.00000E+00	2.12000E+02
432	1.29000E+02	0.00000E+00	2.12000E+02
433	1.41000E+02	0.00000E+00	2.12000E+02
434	1.53000E+02	0.00000E+00	2.12000E+02
435	1.63000E+02	0.00000E+00	2.12000E+02
436	1.73000E+02	0.00000E+00	2.12000E+02
437	1.82000E+02	0.00000E+00	2.12000E+02
438	1.86000E+02	0.00000E+00	2.12000E+02
439	0.00000E+00	0.00000E+00	2.16000E+02
440	4.00000E+00	0.00000E+00	2.16000E+02
441	1.30000E+01	0.00000E+00	2.16000E+02

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Node	X-Coord.	Y-Coord.	Z-Coord.
442	2.30000E+01	0.00000E+00	2.16000E+02
443	3.30000E+01	0.00000E+00	2.16000E+02
444	4.50000E+01	0.00000E+00	2.16000E+02
445	5.70000E+01	0.00000E+00	2.16000E+02
446	6.90000E+01	0.00000E+00	2.16000E+02
447	7.80000E+01	0.00000E+00	2.16000E+02
448	9.30000E+01	0.00000E+00	2.16000E+02
449	1.08000E+02	0.00000E+00	2.16000E+02
450	1.17000E+02	0.00000E+00	2.16000E+02
451	1.29000E+02	0.00000E+00	2.16000E+02
452	1.41000E+02	0.00000E+00	2.16000E+02
453	1.53000E+02	0.00000E+00	2.16000E+02
454	1.63000E+02	0.00000E+00	2.16000E+02
455	1.73000E+02	0.00000E+00	2.16000E+02
456	1.82000E+02	0.00000E+00	2.16000E+02
457	1.86000E+02	0.00000E+00	2.16000E+02
458	9.10000E+01	0.00000E+00	8.07500E+01
459	9.80528E+01	0.00000E+00	8.16785E+01
460	1.04625E+02	0.00000E+00	8.44008E+01
461	1.10269E+02	0.00000E+00	8.87314E+01
462	1.14599E+02	0.00000E+00	9.43750E+01
463	1.17322E+02	0.00000E+00	1.00947E+02
464	1.18250E+02	0.00000E+00	1.08000E+02
465	1.17322E+02	0.00000E+00	1.15053E+02
466	1.14599E+02	0.00000E+00	1.21625E+02
467	1.10269E+02	0.00000E+00	1.27269E+02
468	1.04625E+02	0.00000E+00	1.31599E+02
469	9.80528E+01	0.00000E+00	1.34322E+02
470	9.10000E+01	0.00000E+00	1.35250E+02
471	8.39472E+01	0.00000E+00	1.34322E+02
472	7.73750E+01	0.00000E+00	1.31599E+02
473	7.17314E+01	0.00000E+00	1.27269E+02
474	6.74008E+01	0.00000E+00	1.21625E+02
475	6.46785E+01	0.00000E+00	1.15053E+02
476	6.37500E+01	0.00000E+00	1.08000E+02
477	6.46785E+01	0.00000E+00	1.00947E+02
478	6.74008E+01	0.00000E+00	9.43750E+01
479	7.17314E+01	0.00000E+00	8.87314E+01
480	7.73750E+01	0.00000E+00	8.44008E+01
481	8.39472E+01	0.00000E+00	8.16785E+01
482	9.10000E+01	0.00000E+00	8.88750E+01
483	9.59499E+01	0.00000E+00	8.95267E+01

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Node	X-Coord.	Y-Coord.	Z-Coord.
484	1.00563E+02	0.00000E+00	9.14373E+01
485	1.04523E+02	0.00000E+00	9.44766E+01
486	1.07563E+02	0.00000E+00	9.84375E+01
487	1.09473E+02	0.00000E+00	1.03050E+02
488	1.10125E+02	0.00000E+00	1.08000E+02
489	1.09473E+02	0.00000E+00	1.12950E+02
490	1.07563E+02	0.00000E+00	1.17563E+02
491	1.04523E+02	0.00000E+00	1.21523E+02
492	1.00563E+02	0.00000E+00	1.24563E+02
493	9.59499E+01	0.00000E+00	1.26473E+02
494	9.10000E+01	0.00000E+00	1.27125E+02
495	8.60501E+01	0.00000E+00	1.26473E+02
496	8.14375E+01	0.00000E+00	1.24563E+02
497	7.74766E+01	0.00000E+00	1.21523E+02
498	7.44373E+01	0.00000E+00	1.17563E+02
499	7.25267E+01	0.00000E+00	1.12950E+02
500	7.18750E+01	0.00000E+00	1.08000E+02
501	7.25267E+01	0.00000E+00	1.03050E+02
502	7.44373E+01	0.00000E+00	9.84375E+01
503	7.74766E+01	0.00000E+00	9.44766E+01
504	8.14375E+01	0.00000E+00	9.14373E+01
505	8.60501E+01	0.00000E+00	8.95267E+01
506	-4.60000E+00	-7.00000E+00	7.10000E+01
507	0.00000E+00	-7.00000E+00	7.10000E+01
508	4.00000E+00	-7.00000E+00	7.10000E+01
509	1.30000E+01	-7.00000E+00	7.10000E+01
510	2.30000E+01	-7.00000E+00	7.10000E+01
511	3.30000E+01	-7.00000E+00	7.10000E+01
512	4.50000E+01	-7.00000E+00	7.10000E+01
513	5.70000E+01	-7.00000E+00	7.10000E+01
514	6.90000E+01	-7.00000E+00	7.10000E+01
515	8.10000E+01	-7.00000E+00	7.10000E+01
516	9.30000E+01	-7.00000E+00	7.10000E+01
517	1.05000E+02	-7.00000E+00	7.10000E+01
518	1.17000E+02	-7.00000E+00	7.10000E+01
519	1.29000E+02	-7.00000E+00	7.10000E+01
520	1.41000E+02	-7.00000E+00	7.10000E+01
521	1.53000E+02	-7.00000E+00	7.10000E+01
522	1.63000E+02	-7.00000E+00	7.10000E+01
523	1.73000E+02	-7.00000E+00	7.10000E+01
524	1.82000E+02	-7.00000E+00	7.10000E+01
525	1.86000E+02	-7.00000E+00	7.10000E+01

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
526	1.90600E+02	-7.00000E+00	7.10000E+01
527	-4.60000E+00	-7.00000E+00	7.80000E+01
528	0.00000E+00	-7.00000E+00	7.80000E+01
529	4.00000E+00	-7.00000E+00	7.80000E+01
530	1.30000E+01	-7.00000E+00	7.80000E+01
531	2.30000E+01	-7.00000E+00	7.80000E+01
532	3.30000E+01	-7.00000E+00	7.80000E+01
533	4.50000E+01	-7.00000E+00	7.80000E+01
534	6.10000E+01	-7.00000E+00	7.80000E+01
535	6.90000E+01	-7.00000E+00	7.80000E+01
536	8.10000E+01	-7.00000E+00	7.80000E+01
537	9.30000E+01	-7.00000E+00	7.80000E+01
538	1.05000E+02	-7.00000E+00	7.80000E+01
539	1.21000E+02	-7.00000E+00	7.80000E+01
540	1.29000E+02	-7.00000E+00	7.80000E+01
541	1.41000E+02	-7.00000E+00	7.80000E+01
542	1.53000E+02	-7.00000E+00	7.80000E+01
543	1.63000E+02	-7.00000E+00	7.80000E+01
544	1.73000E+02	-7.00000E+00	7.80000E+01
545	1.82000E+02	-7.00000E+00	7.80000E+01
546	1.86000E+02	-7.00000E+00	7.80000E+01
547	1.90600E+02	-7.00000E+00	7.80000E+01
548	-4.60000E+00	-7.00000E+00	1.38000E+02
549	0.00000E+00	-7.00000E+00	1.38000E+02
550	4.00000E+00	-7.00000E+00	1.38000E+02
551	1.30000E+01	-7.00000E+00	1.38000E+02
552	2.30000E+01	-7.00000E+00	1.38000E+02
553	3.30000E+01	-7.00000E+00	1.38000E+02
554	4.50000E+01	-7.00000E+00	1.38000E+02
555	6.10000E+01	-7.00000E+00	1.38000E+02
556	6.90000E+01	-7.00000E+00	1.38000E+02
557	8.10000E+01	-7.00000E+00	1.38000E+02
558	9.30000E+01	-7.00000E+00	1.38000E+02
559	1.05000E+02	-7.00000E+00	1.38000E+02
560	1.17000E+02	-7.00000E+00	1.38000E+02
561	1.21000E+02	-7.00000E+00	1.38000E+02
562	1.41000E+02	-7.00000E+00	1.38000E+02
563	1.53000E+02	-7.00000E+00	1.38000E+02
564	1.63000E+02	-7.00000E+00	1.38000E+02
565	1.73000E+02	-7.00000E+00	1.38000E+02
566	1.82000E+02	-7.00000E+00	1.38000E+02
567	1.86000E+02	-7.00000E+00	1.38000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER I ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
568	1.90600E+02	-7.00000E+00	1.38000E+02
569	-4.60000E+00	-7.00000E+00	1.45000E+02
570	0.00000E+00	-7.00000E+00	1.45000E+02
571	4.00000E+00	-7.00000E+00	1.45000E+02
572	1.30000E+01	-7.00000E+00	1.45000E+02
573	2.30000E+01	-7.00000E+00	1.45000E+02
574	3.30000E+01	-7.00000E+00	1.45000E+02
575	4.50000E+01	-7.00000E+00	1.45000E+02
576	5.70000E+01	-7.00000E+00	1.45000E+02
577	6.90000E+01	-7.00000E+00	1.45000E+02
578	7.80000E+01	-7.00000E+00	1.45000E+02
579	9.30000E+01	-7.00000E+00	1.45000E+02
580	1.08000E+02	-7.00000E+00	1.45000E+02
581	1.17000E+02	-7.00000E+00	1.45000E+02
582	1.29000E+02	-7.00000E+00	1.45000E+02
583	1.41000E+02	-7.00000E+00	1.45000E+02
584	1.53000E+02	-7.00000E+00	1.45000E+02
585	1.63000E+02	-7.00000E+00	1.45000E+02
586	1.73000E+02	-7.00000E+00	1.45000E+02
587	1.82000E+02	-7.00000E+00	1.45000E+02
588	1.86000E+02	-7.00000E+00	1.45000E+02
589	1.90600E+02	-7.00000E+00	1.45000E+02
590	0.00000E+00	-7.00000E+00	4.00000E+00
591	4.00000E+00	-7.00000E+00	4.00000E+00
592	1.30000E+01	-7.00000E+00	4.00000E+00
593	2.30000E+01	-7.00000E+00	4.00000E+00
594	3.30000E+01	-7.00000E+00	4.00000E+00
595	4.50000E+01	-7.00000E+00	4.00000E+00
596	5.70000E+01	-7.00000E+00	4.00000E+00
597	6.90000E+01	-7.00000E+00	4.00000E+00
598	8.10000E+01	-7.00000E+00	4.00000E+00
599	9.30000E+01	-7.00000E+00	4.00000E+00
600	1.05000E+02	-7.00000E+00	4.00000E+00
601	1.17000E+02	-7.00000E+00	4.00000E+00
602	1.29000E+02	-7.00000E+00	4.00000E+00
603	1.41000E+02	-7.00000E+00	4.00000E+00
604	1.53000E+02	-7.00000E+00	4.00000E+00
605	1.63000E+02	-7.00000E+00	4.00000E+00
606	1.73000E+02	-7.00000E+00	4.00000E+00
607	1.82000E+02	-7.00000E+00	4.00000E+00
608	1.86000E+02	-7.00000E+00	4.00000E+00
609	0.00000E+00	-7.00000E+00	2.12000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
610	4.00000E+00	-7.00000E+00	2.12000E+02
611	1.30000E+01	-7.00000E+00	2.12000E+02
612	2.30000E+01	-7.00000E+00	2.12000E+02
613	3.30000E+01	-7.00000E+00	2.12000E+02
614	4.50000E+01	-7.00000E+00	2.12000E+02
615	5.70000E+01	-7.00000E+00	2.12000E+02
616	6.90000E+01	-7.00000E+00	2.12000E+02
617	7.80000E+01	-7.00000E+00	2.12000E+02
618	9.30000E+01	-7.00000E+00	2.12000E+02
619	1.08000E+02	-7.00000E+00	2.12000E+02
620	1.17000E+02	-7.00000E+00	2.12000E+02
621	1.29000E+02	-7.00000E+00	2.12000E+02
622	1.41000E+02	-7.00000E+00	2.12000E+02
623	1.53000E+02	-7.00000E+00	2.12000E+02
624	1.63000E+02	-7.00000E+00	2.12000E+02
625	1.73000E+02	-7.00000E+00	2.12000E+02
626	1.82000E+02	-7.00000E+00	2.12000E+02
627	1.86000E+02	-7.00000E+00	2.12000E+02
628	3.30000E+01	-7.00000E+00	0.00000E+00
629	3.30000E+01	-7.00000E+00	1.40000E+01
630	3.30000E+01	-7.00000E+00	2.40000E+01
631	3.30000E+01	-7.00000E+00	3.60000E+01
632	3.30000E+01	-7.00000E+00	4.80000E+01
633	3.30000E+01	-7.00000E+00	6.00000E+01
634	9.30000E+01	-7.00000E+00	0.00000E+00
635	9.30000E+01	-7.00000E+00	1.40000E+01
636	9.30000E+01	-7.00000E+00	2.40000E+01
637	9.30000E+01	-7.00000E+00	3.60000E+01
638	9.30000E+01	-7.00000E+00	4.80000E+01
639	9.30000E+01	-7.00000E+00	6.00000E+01
640	1.53000E+02	-7.00000E+00	0.00000E+00
641	1.53000E+02	-7.00000E+00	1.40000E+01
642	1.53000E+02	-7.00000E+00	2.40000E+01
643	1.53000E+02	-7.00000E+00	3.60000E+01
644	1.53000E+02	-7.00000E+00	4.80000E+01
645	1.53000E+02	-7.00000E+00	6.00000E+01
646	3.30000E+01	-7.00000E+00	-4.60000E+00
647	9.30000E+01	-7.00000E+00	-4.60000E+00
648	1.53000E+02	-7.00000E+00	-4.60000E+00
649	6.10000E+01	-7.00000E+00	8.80000E+01
650	6.10000E+01	-7.00000E+00	9.80000E+01
651	6.10000E+01	-7.00000E+00	1.08000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
652	6.10000E+01	-7.00000E+00	1.18000E+02
653	6.10000E+01	-7.00000E+00	1.28000E+02
654	1.21000E+02	-7.00000E+00	8.80000E+01
655	1.21000E+02	-7.00000E+00	9.80000E+01
656	1.21000E+02	-7.00000E+00	1.08000E+02
657	1.21000E+02	-7.00000E+00	1.18000E+02
658	1.21000E+02	-7.00000E+00	1.28000E+02
659	3.30000E+01	-7.00000E+00	1.56000E+02
660	3.30000E+01	-7.00000E+00	1.68000E+02
661	3.30000E+01	-7.00000E+00	1.80000E+02
662	3.30000E+01	-7.00000E+00	1.92000E+02
663	3.30000E+01	-7.00000E+00	2.02000E+02
664	3.30000E+01	-7.00000E+00	2.16000E+02
665	3.30000E+01	-7.00000E+00	2.20600E+02
666	7.80000E+01	-7.00000E+00	1.56000E+02
667	7.80000E+01	-7.00000E+00	1.68000E+02
668	7.80000E+01	-7.00000E+00	1.80000E+02
669	7.80000E+01	-7.00000E+00	1.92000E+02
670	7.80000E+01	-7.00000E+00	2.02000E+02
671	7.80000E+01	-7.00000E+00	2.16000E+02
672	7.80000E+01	-7.00000E+00	2.20600E+02
673	1.08000E+02	-7.00000E+00	1.56000E+02
674	1.08000E+02	-7.00000E+00	1.68000E+02
675	1.08000E+02	-7.00000E+00	1.80000E+02
676	1.08000E+02	-7.00000E+00	1.92000E+02
677	1.08000E+02	-7.00000E+00	2.02000E+02
678	1.08000E+02	-7.00000E+00	2.16000E+02
679	1.08000E+02	-7.00000E+00	2.20600E+02
680	1.53000E+02	-7.00000E+00	1.56000E+02
681	1.53000E+02	-7.00000E+00	1.68000E+02
682	1.53000E+02	-7.00000E+00	1.80000E+02
683	1.53000E+02	-7.00000E+00	1.92000E+02
684	1.53000E+02	-7.00000E+00	2.02000E+02
685	1.53000E+02	-7.00000E+00	2.16000E+02
686	1.53000E+02	-7.00000E+00	2.20600E+02
687	4.00000E+00	-7.00000E+00	1.40000E+01
688	4.00000E+00	-7.00000E+00	2.40000E+01
689	4.00000E+00	-7.00000E+00	3.60000E+01
690	4.00000E+00	-7.00000E+00	4.80000E+01
691	4.00000E+00	-7.00000E+00	6.00000E+01
692	4.00000E+00	-7.00000E+00	8.80000E+01
693	4.00000E+00	-7.00000E+00	9.80000E+01

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Node	X-Coord.	Y-Coord.	Z-Coord.
694	4.00000E+00	-7.00000E+00	1.08000E+02
695	4.00000E+00	-7.00000E+00	1.18000E+02
696	4.00000E+00	-7.00000E+00	1.28000E+02
697	4.00000E+00	-7.00000E+00	1.56000E+02
698	4.00000E+00	-7.00000E+00	1.68000E+02
699	4.00000E+00	-7.00000E+00	1.80000E+02
700	4.00000E+00	-7.00000E+00	1.92000E+02
701	4.00000E+00	-7.00000E+00	2.02000E+02
702	1.82000E+02	-7.00000E+00	1.40000E+01
703	1.82000E+02	-7.00000E+00	2.40000E+01
704	1.82000E+02	-7.00000E+00	3.60000E+01
705	1.82000E+02	-7.00000E+00	4.80000E+01
706	1.82000E+02	-7.00000E+00	6.00000E+01
707	1.82000E+02	-7.00000E+00	8.80000E+01
708	1.82000E+02	-7.00000E+00	9.80000E+01
709	1.82000E+02	-7.00000E+00	1.08000E+02
710	1.82000E+02	-7.00000E+00	1.18000E+02
711	1.82000E+02	-7.00000E+00	1.28000E+02
712	1.82000E+02	-7.00000E+00	1.56000E+02
713	1.82000E+02	-7.00000E+00	1.68000E+02
714	1.82000E+02	-7.00000E+00	1.80000E+02
715	1.82000E+02	-7.00000E+00	1.92000E+02
716	1.82000E+02	-7.00000E+00	2.02000E+02
717	-4.60000E+00	-7.00000E+00	2.40000E+01
718	0.00000E+00	-7.00000E+00	2.40000E+01
719	1.30000E+01	-7.00000E+00	2.40000E+01
720	2.30000E+01	-7.00000E+00	2.40000E+01
721	1.63000E+02	-7.00000E+00	2.40000E+01
722	1.73000E+02	-7.00000E+00	2.40000E+01
723	1.86000E+02	-7.00000E+00	2.40000E+01
724	1.90600E+02	-7.00000E+00	2.40000E+01
725	-4.60000E+00	-7.00000E+00	1.92000E+02
726	0.00000E+00	-7.00000E+00	1.92000E+02
727	1.30000E+01	-7.00000E+00	1.92000E+02
728	2.30000E+01	-7.00000E+00	1.92000E+02
729	1.63000E+02	-7.00000E+00	1.92000E+02
730	1.73000E+02	-7.00000E+00	1.92000E+02
731	1.86000E+02	-7.00000E+00	1.92000E+02
732	1.90600E+02	-7.00000E+00	1.92000E+02
733	3.30000E+01	-2.10000E+01	-4.60000E+00
734	9.30000E+01	-2.10000E+01	-4.60000E+00
735	1.53000E+02	-2.10000E+01	-4.60000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
736	3.30000E+01	-2.10000E+01	2.20600E+02
737	7.80000E+01	-2.10000E+01	2.20600E+02
738	1.08000E+02	-2.10000E+01	2.20600E+02
739	1.53000E+02	-2.10000E+01	2.20600E+02
740	-4.60000E+00	-2.10000E+01	2.40000E+01
741	-4.60000E+00	-2.10000E+01	7.10000E+01
742	-4.60000E+00	-2.10000E+01	7.80000E+01
743	-4.60000E+00	-2.10000E+01	1.38000E+02
744	-4.60000E+00	-2.10000E+01	1.45000E+02
745	-4.60000E+00	-2.10000E+01	1.92000E+02
746	1.90600E+02	-2.10000E+01	2.40000E+01
747	1.90600E+02	-2.10000E+01	7.10000E+01
748	1.90600E+02	-2.10000E+01	7.80000E+01
749	1.90600E+02	-2.10000E+01	1.38000E+02
750	1.90600E+02	-2.10000E+01	1.45000E+02
751	1.90600E+02	-2.10000E+01	1.92000E+02
752	9.10000E+01	2.25000E+01	9.76200E+01
753	9.10000E+01	2.05000E+01	9.76200E+01
754	-9.25000E+00	-7.00000E+00	7.10000E+01
755	-9.25000E+00	-7.00000E+00	7.80000E+01
756	-9.25000E+00	-7.00000E+00	1.38000E+02
757	-9.25000E+00	-7.00000E+00	1.45000E+02
758	1.95250E+02	-7.00000E+00	7.10000E+01
759	1.95250E+02	-7.00000E+00	7.80000E+01
760	1.95250E+02	-7.00000E+00	1.38000E+02
761	1.95250E+02	-7.00000E+00	1.45000E+02

BEAM PROPERTIES

Multiplier = 1 (For AISC database properties only)

Prop No	N a m e
1	W12X35
2	W8X18
3	W10X49

Prop No	X-Section Area	Moment of Inertia Iy / Iz		Torsional Const.- J
1	1.030E+01	2.451E+01	2.850E+02	7.409E-01

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Prop No	X-Section Area	Moment of Inertia Iy / Iz		Torsional Const.- J
2	5.268E+00	7.973E+00	6.190E+01	1.701E-01
3	1.441E+01	9.340E+01	2.720E+02	1.390E+00
4	6.000E+00	7.200E+01	1.300E-01	5.000E-01

Prop No	Max. Fiber Dist Cy / Cz		Shear Shape Fact SSFy / SSFz		Ctors	Shear Stress Factor SSTRFy / SSTRFz	
1	3.28E+00	6.25E+00	2.75E+00	1.51E+00	5.20E-01	3.05E+00	2.26E+00
2	2.62E+00	4.07E+00	2.81E+00	1.52E+00	3.30E-01	3.10E+00	2.27E+00
3	4.99E+00	4.98E+00	4.25E+00	1.29E+00	5.60E-01	4.63E+00	1.93E+00
4	6.00E+00	2.50E-01	0.00E+00	0.00E+00	1.00E+00	1.00E+00	1.00E+00

BEAM CONNECTIVITY

Beam	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I / J		Length	Beam Type
1	590	591	21	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
2	591	592	21	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
3	592	593	21	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
4	593	594	21	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
5	594	595	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
6	595	596	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
7	596	597	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
8	597	598	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
9	598	599	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
10	599	600	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
11	600	601	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
12	601	602	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
13	602	603	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
14	603	604	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
15	604	605	21	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
16	605	606	21	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
17	606	607	21	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
18	607	608	21	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
19	506	507	134	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
20	507	508	134	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
21	508	509	134	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
22	509	510	134	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
23	510	511	134	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
24	511	512	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam

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Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I / J		Length	Beam Type
25	512	513	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
26	513	514	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
27	514	515	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
28	515	516	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
29	516	517	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
30	517	518	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
31	518	519	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
32	519	520	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
33	520	521	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
34	521	522	134	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
35	522	523	134	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
36	523	524	134	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
37	524	525	134	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
38	525	526	134	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
39	527	528	172	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
40	528	529	172	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
41	529	530	172	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
42	530	531	172	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
43	531	532	172	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
44	532	533	172	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
45	533	534	172	1	3		0.00E+00	0.00E+00	0.16E+02	Beam
46	534	535	172	1	3		0.00E+00	0.00E+00	0.80E+01	Beam
47	535	536	172	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
48	536	537	172	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
49	537	538	172	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
50	538	539	172	1	3		0.00E+00	0.00E+00	0.16E+02	Beam
51	539	540	172	1	3		0.00E+00	0.00E+00	0.80E+01	Beam
52	540	541	172	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
53	541	542	172	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
54	542	543	172	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
55	543	544	172	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
56	544	545	172	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
57	545	546	172	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
58	546	547	172	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
59	548	549	267	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
60	549	550	267	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
61	550	551	267	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
62	551	552	267	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
63	552	553	267	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
64	553	554	267	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
65	554	555	267	1	3		0.00E+00	0.00E+00	0.16E+02	Beam

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Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I	/ J	Length	Beam Type
66	555	556	267	1	3		0.00E+00	0.00E+00	0.80E+01	Beam
67	556	557	267	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
68	557	558	267	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
69	558	559	267	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
70	559	560	267	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
71	560	561	267	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
72	561	562	267	1	3		0.00E+00	0.00E+00	0.20E+02	Beam
73	562	563	267	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
74	563	564	267	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
75	564	565	267	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
76	565	566	267	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
77	566	567	267	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
78	567	568	267	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
79	569	570	306	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
80	570	571	306	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
81	571	572	306	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
82	572	573	306	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
83	573	574	306	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
84	574	575	306	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
85	575	576	306	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
86	576	577	306	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
87	577	578	306	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
88	578	579	306	1	3		0.00E+00	0.00E+00	0.15E+02	Beam
89	579	580	306	1	3		0.00E+00	0.00E+00	0.15E+02	Beam
90	580	581	306	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
91	581	582	306	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
92	582	583	306	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
93	583	584	306	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
94	584	585	306	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
95	585	586	306	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
96	586	587	306	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
97	587	588	306	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
98	588	589	306	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
99	609	610	420	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
100	610	611	420	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
101	611	612	420	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
102	612	613	420	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
103	613	614	420	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
104	614	615	420	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
105	615	616	420	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
106	616	617	420	1	3		0.00E+00	0.00E+00	0.90E+01	Beam

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Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I / J		Length	Beam Type
107	678	679	449	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
108	619	620	420	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
109	620	621	420	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
110	621	622	420	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
111	622	623	420	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
112	623	624	420	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
113	624	625	420	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
114	625	626	420	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
115	626	627	420	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
116	646	628	5	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
117	628	594	5	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
118	594	629	5	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
119	629	630	5	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
120	630	631	5	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
121	631	632	5	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
122	632	633	5	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
3	633	511	5	1	3		0.00E+00	0.00E+00	0.11E+02	Beam
124	647	634	10	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
125	634	599	10	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
126	599	635	10	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
127	635	636	10	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
128	636	637	10	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
129	637	638	10	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
130	638	639	10	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
131	639	516	10	1	3		0.00E+00	0.00E+00	0.11E+02	Beam
132	648	640	15	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
133	640	604	15	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
134	604	641	15	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
135	641	642	15	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
136	642	643	15	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
137	643	644	15	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
138	644	645	15	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
139	645	521	15	1	3		0.00E+00	0.00E+00	0.11E+02	Beam
140	534	649	178	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
141	649	650	178	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
142	650	651	178	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
143	651	652	178	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
144	652	653	178	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
145	653	555	178	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
146	539	654	184	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
147	654	655	184	1	3		0.00E+00	0.00E+00	0.10E+02	Beam

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Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I / J	Length	Beam Type
148	655	656	184	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
149	656	657	184	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
150	657	658	184	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
151	658	561	184	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
152	574	659	310	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
153	659	660	310	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
154	660	661	310	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
155	661	662	310	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
156	662	663	310	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
157	663	613	310	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
158	613	664	310	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
159	664	665	310	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
160	578	666	314	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
161	666	667	314	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
162	667	668	314	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
163	668	669	314	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
4	669	670	314	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
165	670	617	314	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
166	617	671	310	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
167	671	672	310	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
168	580	673	316	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
169	673	674	316	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
170	674	675	316	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
171	675	676	316	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
172	676	677	316	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
173	677	619	316	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
174	619	678	316	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
175	584	680	320	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
176	680	681	320	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
177	681	682	320	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
178	682	683	320	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
179	683	684	320	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
180	684	623	320	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
181	623	685	320	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
182	685	686	320	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
183	717	718	58	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
184	718	688	58	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
185	688	719	58	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
186	719	720	58	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
187	720	630	58	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
188	642	721	58	1	3		0.00E+00 0.00E+00	0.10E+02	Beam

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Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I -/ J		Length	Beam Type
189	721	722	58	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
190	722	703	58	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
191	703	723	58	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
192	723	724	58	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
193	725	726	382	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
194	726	700	382	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
195	700	727	382	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
196	727	728	382	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
197	728	662	382	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
198	683	729	382	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
199	729	730	382	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
200	730	715	382	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
201	715	731	382	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
202	731	732	382	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
203	591	687	21	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
204	687	688	21	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
205	688	689	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
206	689	690	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
207	690	691	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
208	691	508	21	1	3		0.00E+00	0.00E+00	0.11E+02	Beam
209	529	692	21	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
210	692	693	21	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
211	693	694	21	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
212	694	695	21	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
213	695	696	21	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
214	696	550	21	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
215	571	697	21	1	3		0.00E+00	0.00E+00	0.11E+02	Beam
216	697	698	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
217	698	699	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
218	699	700	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
219	700	701	21	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
220	701	610	21	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
221	607	702	37	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
222	702	703	37	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
223	703	704	37	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
224	704	705	37	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
225	705	706	37	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
226	706	524	37	1	3		0.00E+00	0.00E+00	0.11E+02	Beam
227	545	707	37	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
228	707	708	37	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
229	708	709	37	1	3		0.00E+00	0.00E+00	0.10E+02	Beam

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J		Rigid End Offset I / J		Length	Beam Type
230	709	710	37	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
231	710	711	37	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
232	711	566	37	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
233	587	712	37	1	3			0.00E+00	0.00E+00	0.11E+02	Beam
234	712	713	37	1	3			0.00E+00	0.00E+00	0.12E+02	Beam
235	713	714	37	1	3			0.00E+00	0.00E+00	0.12E+02	Beam
236	714	715	37	1	3			0.00E+00	0.00E+00	0.12E+02	Beam
237	715	716	37	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
238	716	626	37	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
239	733	646	628	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
240	734	647	634	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
241	735	648	640	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
242	736	665	664	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
243	737	672	671	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
244	738	679	678	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
245	739	686	685	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
246	740	717	718	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
247	741	506	507	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
248	742	527	528	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
249	743	548	549	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
250	744	569	570	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
251	745	725	726	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
252	746	724	723	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
253	747	526	525	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
254	748	547	546	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
255	749	568	567	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
256	750	589	588	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
257	751	732	731	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
258	754	755	527	4	3	NA	NA	NA	NA	0.70E+01	Truss
259	756	757	569	4	3	NA	NA	NA	NA	0.70E+01	Truss
260	758	759	547	4	3	NA	NA	NA	NA	0.70E+01	Truss
261	760	761	589	4	3	NA	NA	NA	NA	0.70E+01	Truss
262	458	752	753	3	2	56		0.00E+00	0.00E+00	0.28E+02	Beam
263	459	752	753	3	2	56		0.00E+00	0.00E+00	0.28E+02	Beam
264	460	752	753	3	2	56		0.00E+00	0.00E+00	0.29E+02	Beam
265	461	752	753	3	2	56		0.00E+00	0.00E+00	0.31E+02	Beam
266	462	752	753	3	2	56		0.00E+00	0.00E+00	0.33E+02	Beam
267	463	752	753	3	2	56		0.00E+00	0.00E+00	0.35E+02	Beam
268	464	752	753	3	2	56		0.00E+00	0.00E+00	0.37E+02	Beam
269	465	752	753	3	2	56		0.00E+00	0.00E+00	0.39E+02	Beam
270	466	752	753	3	2	56		0.00E+00	0.00E+00	0.40E+02	Beam

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Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I / J		Length	Beam Type
271	467	752	753	3	2	56	0.00E+00	0.00E+00	0.42E+02	Beam
272	468	752	753	3	2	56	0.00E+00	0.00E+00	0.43E+02	Beam
273	469	752	753	3	2	56	0.00E+00	0.00E+00	0.44E+02	Beam
274	470	752	753	3	2	56	0.00E+00	0.00E+00	0.44E+02	Beam
275	471	752	753	3	2	56	0.00E+00	0.00E+00	0.44E+02	Beam
276	472	752	753	3	2	56	0.00E+00	0.00E+00	0.43E+02	Beam
277	473	752	753	3	2	56	0.00E+00	0.00E+00	0.42E+02	Beam
278	474	752	753	3	2	56	0.00E+00	0.00E+00	0.40E+02	Beam
279	475	752	753	3	2	56	0.00E+00	0.00E+00	0.39E+02	Beam
280	476	752	753	3	2	56	0.00E+00	0.00E+00	0.37E+02	Beam
281	477	752	753	3	2	56	0.00E+00	0.00E+00	0.35E+02	Beam
282	478	752	753	3	2	56	0.00E+00	0.00E+00	0.33E+02	Beam
283	479	752	753	3	2	56	0.00E+00	0.00E+00	0.31E+02	Beam
284	480	752	753	3	2	56	0.00E+00	0.00E+00	0.29E+02	Beam
285	481	752	753	3	2	56	0.00E+00	0.00E+00	0.28E+02	Beam
286	752	753	458	3	2		0.00E+00	0.00E+00	0.20E+01	Beam
287	754	506	741	1	3		0.00E+00	0.00E+00	0.47E+01	Beam
288	755	527	742	1	3		0.00E+00	0.00E+00	0.47E+01	Beam
289	756	548	743	1	3		0.00E+00	0.00E+00	0.47E+01	Beam
290	757	569	744	1	3		0.00E+00	0.00E+00	0.47E+01	Beam
291	526	758	747	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
292	547	759	748	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
293	568	760	749	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
294	589	761	750	1	3		0.00E+00	0.00E+00	0.46E+01	Beam

PLATE ELEMENT CONNECTIVITY

Plate No.		Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	1	1	2	21	20	1	1.500E+00	1.600E+01		1.000E+00	M+B
QUAD	2	2	3	22	21	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	3	3	4	23	22	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	4	4	5	24	23	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	5	5	6	25	24	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	6	6	7	26	25	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	7	7	8	27	26	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	8	8	9	28	27	1	1.500E+00	4.800E+01		3.000E+00	M+B

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Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	9	9	10	29	28	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	10	10	11	30	29	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	11	11	12	31	30	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	12	12	13	32	31	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	13	13	14	33	32	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	14	14	15	34	33	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	15	15	16	35	34	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	16	16	17	36	35	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	17	17	18	37	36	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	18	18	19	38	37	1	1.500E+00	1.600E+01		1.000E+00	M+B
QUAD	19	20	21	40	39	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	20	21	22	41	40	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	21	22	23	42	41	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	22	23	24	43	42	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	23	24	25	44	43	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	24	25	26	45	44	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	25	26	27	46	45	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	26	27	28	47	46	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	27	28	29	48	47	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	28	29	30	49	48	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	29	30	31	50	49	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	30	31	32	51	50	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	31	32	33	52	51	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	32	33	34	53	52	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	33	34	35	54	53	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	34	35	36	55	54	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	35	36	37	56	55	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	36	37	38	57	56	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	37	39	40	59	58	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	38	40	41	60	59	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	39	41	42	61	60	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	40	42	43	62	61	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	41	43	44	63	62	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	42	44	45	64	63	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	43	45	46	65	64	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	44	46	47	66	65	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	45	47	48	67	66	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	46	48	49	68	67	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	47	49	50	69	68	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	48	50	51	70	69	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	49	51	52	71	70	1	1.500E+00	1.200E+02		1.200E+00	M+B

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Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	50	52	53	72	71	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	51	53	54	73	72	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	52	54	55	74	73	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	53	55	56	75	74	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	54	56	57	76	75	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	55	58	59	78	77	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	56	59	60	79	78	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	57	60	61	80	79	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	58	61	62	81	80	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	59	62	63	82	81	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	60	63	64	83	82	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	61	64	65	84	83	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	62	65	66	85	84	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	63	66	67	86	85	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	64	67	68	87	86	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	65	68	69	88	87	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	66	69	70	89	88	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	67	70	71	90	89	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	68	71	72	91	90	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	69	72	73	92	91	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	70	73	74	93	92	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	71	74	75	94	93	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	72	75	76	95	94	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	73	77	78	97	96	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	74	78	79	98	97	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	75	79	80	99	98	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	76	80	81	100	99	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	77	81	82	101	100	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	78	82	83	102	101	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	79	83	84	103	102	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	80	84	85	104	103	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	81	85	86	105	104	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	82	86	87	106	105	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	83	87	88	107	106	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	84	88	89	108	107	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	85	89	90	109	108	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	86	90	91	110	109	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	87	91	92	111	110	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	88	92	93	112	111	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	89	93	94	113	112	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	90	94	95	114	113	1	1.500E+00	4.800E+01		3.333E-01	M+B

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Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	91	96	97	116	115	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	92	97	98	117	116	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	93	98	99	118	117	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	94	99	100	119	118	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	95	100	101	120	119	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	96	101	102	121	120	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	97	102	103	122	121	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	98	103	104	123	122	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	99	104	105	124	123	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	100	105	106	125	124	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	101	106	107	126	125	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	102	107	108	127	126	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	103	108	109	128	127	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	104	109	110	129	128	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	105	110	111	130	129	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	106	111	112	131	130	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	107	112	113	132	131	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	108	113	114	133	132	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	109	115	116	135	134	1	1.500E+00	4.400E+01		3.636E-01	M+B
QUAD	110	116	117	136	135	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	111	117	118	137	136	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	112	118	119	138	137	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	113	119	120	139	138	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	114	120	121	140	139	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	115	121	122	141	140	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	116	122	123	142	141	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	117	123	124	143	142	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	118	124	125	144	143	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	119	125	126	145	144	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	120	126	127	146	145	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	121	127	128	147	146	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	122	128	129	148	147	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	123	129	130	149	148	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	124	130	131	150	149	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	125	131	132	151	150	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	126	132	133	152	151	1	1.500E+00	4.400E+01		3.636E-01	M+B
QUAD	127	134	135	154	153	1	1.500E+00	2.760E+01		5.797E-01	M+B
QUAD	128	135	136	155	154	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	129	136	137	156	155	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	130	137	138	157	156	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	131	138	139	158	157	1	1.500E+00	8.280E+01		1.739E+00	M+B

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	132	139	140	159	158	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	133	140	141	160	159	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	134	141	142	161	160	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	135	142	143	162	161	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	136	143	144	163	162	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	137	144	145	164	163	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	138	145	146	165	164	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	139	146	147	166	165	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	140	147	148	167	166	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	141	148	149	168	167	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	142	149	150	169	168	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	143	150	151	170	169	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	144	151	152	171	170	1	1.500E+00	2.760E+01		5.797E-01	M+B
QUAD	145	172	173	193	192	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	146	173	174	194	193	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	147	174	175	195	194	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	148	175	176	196	195	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	149	176	177	197	196	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	150	177	178	198	197	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	151	184	185	200	199	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	152	185	186	201	200	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	153	186	187	202	201	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	154	187	188	203	202	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	155	188	189	204	203	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	156	189	190	205	204	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	157	190	191	206	205	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	158	192	193	208	207	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	159	193	194	209	208	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	160	194	195	210	209	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	161	195	196	211	210	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	162	196	197	212	211	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	163	197	198	213	212	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	164	199	200	215	214	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	165	200	201	216	215	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	166	201	202	217	216	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	167	202	203	218	217	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	168	203	204	219	218	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	169	204	205	220	219	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	170	205	206	221	220	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	171	207	208	223	222	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	172	208	209	224	223	1	1.500E+00	9.000E+01		9.000E-01	M+B

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	173	209	210	225	224	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	174	210	211	226	225	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	175	211	212	227	226	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	176	212	213	228	227	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	177	214	215	230	229	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	178	215	216	231	230	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	179	216	217	232	231	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	180	217	218	233	232	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	181	218	219	234	233	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	182	219	220	235	234	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	183	220	221	236	235	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	184	222	223	238	237	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	185	223	224	239	238	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	186	224	225	240	239	1	1.500E+00	1.000E+02		1.000E+00	M+B
( )	187	225	226	241	240	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	188	226	227	242	241	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	189	227	228	243	242	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	190	229	230	245	244	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	191	230	231	246	245	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	192	231	232	247	246	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	193	232	233	248	247	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	194	233	234	249	248	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	195	234	235	250	249	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	196	235	236	251	250	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	197	237	238	253	252	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	198	238	239	254	253	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	199	239	240	255	254	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	200	240	241	256	255	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	201	241	242	257	256	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	202	242	243	258	257	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	203	244	245	260	259	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	204	245	246	261	260	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	205	246	247	262	261	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	206	247	248	263	262	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	207	248	249	264	263	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	208	249	250	265	264	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	209	250	251	266	265	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	210	252	253	268	267	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	211	253	254	269	268	1	1.500E+00	9.000E+01		9.000E-01	M+B
( )	212	254	255	270	269	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	213	255	256	271	270	1	1.500E+00	1.000E+02		1.000E+00	M+B

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Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	214	256	257	272	271	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	215	257	258	273	272	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	216	259	260	280	279	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	217	260	261	281	280	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	218	261	262	282	281	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	219	262	263	283	282	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	220	263	264	284	283	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	221	264	265	285	284	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	222	265	266	286	285	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	223	178	179	480	479	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	224	179	180	481	480	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	225	180	181	458	481	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	226	181	182	459	458	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	227	182	183	460	459	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	228	183	184	461	460	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	229	184	199	462	461	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	230	199	214	463	462	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	231	214	229	464	463	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	232	229	244	465	464	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	233	244	259	466	465	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	234	259	279	467	466	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	235	468	467	279	278	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	236	469	468	278	277	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	237	470	469	277	276	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	238	471	470	276	275	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	239	472	471	275	274	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	240	473	472	274	273	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	241	474	473	273	258	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	242	475	474	258	243	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	243	476	475	243	228	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	244	477	476	228	213	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	245	478	477	213	198	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	246	479	478	198	178	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	247	458	459	483	482	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	248	459	460	484	483	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	249	460	461	485	484	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	250	461	462	486	485	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	251	462	463	487	486	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	252	463	464	488	487	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	253	464	465	489	488	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	254	465	466	490	489	1	1.500E+00	4.876E+01		7.514E-01	M+B

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER I ANALYSIS

Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	255	466	467	491	490	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	256	467	468	492	491	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	257	468	469	493	492	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	258	469	470	494	493	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	259	470	471	495	494	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	260	471	472	496	495	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	261	472	473	497	496	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	262	473	474	498	497	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	263	474	475	499	498	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	264	475	476	500	499	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	265	476	477	501	500	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	266	477	478	502	501	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	267	478	479	503	502	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	268	479	480	504	503	1	1.500E+00	4.876E+01		7.514E-01	M+B
( )	269	480	481	505	504	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	270	481	458	482	505	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	271	287	288	307	306	1	1.500E+00	2.760E+01		5.797E-01	M+B
QUAD	272	288	289	308	307	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	273	289	290	309	308	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	274	290	291	310	309	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	275	291	292	311	310	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	276	292	293	312	311	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	277	293	294	313	312	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	278	294	295	314	313	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	279	295	296	315	314	1	1.500E+00	1.035E+02		2.174E+00	M+B
QUAD	280	296	297	316	315	1	1.500E+00	1.035E+02		2.174E+00	M+B
QUAD	281	297	298	317	316	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	282	298	299	318	317	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	283	299	300	319	318	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	284	300	301	320	319	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	285	301	302	321	320	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	286	302	303	322	321	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	287	303	304	323	322	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	288	304	305	324	323	1	1.500E+00	2.760E+01		5.797E-01	M+B
QUAD	289	306	307	326	325	1	1.500E+00	4.400E+01		3.636E-01	M+B
QUAD	290	307	308	327	326	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	291	308	309	328	327	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	292	309	310	329	328	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	293	310	311	330	329	1	1.500E+00	1.320E+02		1.091E+00	M+B
( )	294	311	312	331	330	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	295	312	313	332	331	1	1.500E+00	1.320E+02		1.091E+00	M+B

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Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	296	313	314	333	332	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	297	314	315	334	333	1	1.500E+00	1.650E+02		1.364E+00	M+B
QUAD	298	315	316	335	334	1	1.500E+00	1.650E+02		1.364E+00	M+B
QUAD	299	316	317	336	335	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	300	317	318	337	336	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	301	318	319	338	337	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	302	319	320	339	338	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	303	320	321	340	339	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	304	321	322	341	340	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	305	322	323	342	341	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	306	323	324	343	342	1	1.500E+00	4.400E+01		3.636E-01	M+B
QUAD	307	325	326	345	344	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	308	326	327	346	345	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	309	327	328	347	346	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	310	328	329	348	347	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	311	329	330	349	348	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	312	330	331	350	349	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	313	331	332	351	350	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	314	332	333	352	351	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	315	333	334	353	352	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	316	334	335	354	353	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	317	335	336	355	354	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	318	336	337	356	355	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	319	337	338	357	356	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	320	338	339	358	357	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	321	339	340	359	358	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	322	340	341	360	359	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	323	341	342	361	360	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	324	342	343	362	361	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	325	344	345	364	363	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	326	345	346	365	364	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	327	346	347	366	365	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	328	347	348	367	366	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	329	348	349	368	367	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	330	349	350	369	368	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	331	350	351	370	369	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	332	351	352	371	370	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	333	352	353	372	371	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	334	353	354	373	372	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	335	354	355	374	373	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	336	355	356	375	374	1	1.500E+00	1.440E+02		1.000E+00	M+B

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Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	337	356	357	376	375	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	338	357	358	377	376	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	339	358	359	378	377	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	340	359	360	379	378	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	341	360	361	380	379	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	342	361	362	381	380	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	343	363	364	383	382	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	344	364	365	384	383	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	345	365	366	385	384	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	346	366	367	386	385	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	347	367	368	387	386	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	348	368	369	388	387	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	349	369	370	389	388	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	350	370	371	390	389	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	351	371	372	391	390	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	352	372	373	392	391	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	353	373	374	393	392	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	354	374	375	394	393	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	355	375	376	395	394	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	356	376	377	396	395	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	357	377	378	397	396	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	358	378	379	398	397	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	359	379	380	399	398	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	360	380	381	400	399	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	361	382	383	402	401	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	362	383	384	403	402	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	363	384	385	404	403	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	364	385	386	405	404	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	365	386	387	406	405	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	366	387	388	407	406	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	367	388	389	408	407	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	368	389	390	409	408	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	369	390	391	410	409	1	1.500E+00	1.500E+02		1.500E+00	M+B
QUAD	370	391	392	411	410	1	1.500E+00	1.500E+02		1.500E+00	M+B
QUAD	371	392	393	412	411	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	372	393	394	413	412	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	373	394	395	414	413	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	374	395	396	415	414	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	375	396	397	416	415	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	376	397	398	417	416	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	377	398	399	418	417	1	1.500E+00	9.000E+01		9.000E-01	M+B

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Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	378	399	400	419	418	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	379	401	402	421	420	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	380	402	403	422	421	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	381	403	404	423	422	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	382	404	405	424	423	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	383	405	406	425	424	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	384	406	407	426	425	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	385	407	408	427	426	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	386	408	409	428	427	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	387	409	410	429	428	1	1.500E+00	1.500E+02		1.500E+00	M+B
QUAD	388	410	411	430	429	1	1.500E+00	1.500E+02		1.500E+00	M+B
QUAD	389	411	412	431	430	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	390	412	413	432	431	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	391	413	414	433	432	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	392	414	415	434	433	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	393	415	416	435	434	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	394	416	417	436	435	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	395	417	418	437	436	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	396	418	419	438	437	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	397	420	421	440	439	1	1.500E+00	1.600E+01		1.000E+00	M+B
QUAD	398	421	422	441	440	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	399	422	423	442	441	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	400	423	424	443	442	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	401	424	425	444	443	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	402	425	426	445	444	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	403	426	427	446	445	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	404	427	428	447	446	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	405	428	429	448	447	1	1.500E+00	6.000E+01		3.750E+00	M+B
QUAD	406	429	430	449	448	1	1.500E+00	6.000E+01		3.750E+00	M+B
QUAD	407	430	431	450	449	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	408	431	432	451	450	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	409	432	433	452	451	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	410	433	434	453	452	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	411	434	435	454	453	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	412	435	436	455	454	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	413	436	437	456	455	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	414	437	438	457	456	1	1.500E+00	1.600E+01		1.000E+00	M+B
QUAD	415	20	21	591	590	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	416	21	22	592	591	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	417	22	23	593	592	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	418	23	24	594	593	3	2.500E-01	7.000E+01		1.429E+00	M+B

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Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	419	24	25	595	594	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	420	25	26	596	595	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	421	26	27	597	596	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	422	27	28	598	597	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	423	28	29	599	598	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	424	29	30	600	599	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	425	30	31	601	600	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	426	31	32	602	601	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	427	32	33	603	602	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	428	33	34	604	603	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	429	34	35	605	604	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	430	35	36	606	605	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	431	36	37	607	606	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	432	37	38	608	607	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	433	134	135	508	507	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	434	135	136	509	508	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	435	136	137	510	509	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	436	137	138	511	510	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	437	138	139	512	511	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	438	139	140	513	512	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	439	140	141	514	513	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	440	141	142	515	514	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	441	142	143	516	515	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	442	143	144	517	516	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	443	144	145	518	517	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	444	145	146	519	518	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	445	146	147	520	519	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	446	147	148	521	520	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	447	148	149	522	521	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	448	149	150	523	522	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	449	150	151	524	523	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	450	151	152	525	524	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	451	172	173	529	528	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	452	173	174	530	529	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	453	174	175	531	530	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	454	175	176	532	531	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	455	176	177	533	532	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	456	177	178	534	533	3	2.500E-01	1.120E+02		2.286E+00	M+B
QUAD	457	178	179	535	534	3	2.500E-01	6.300E+01		1.273E+00	M+B
QUAD	458	179	180	536	535	3	2.500E-01	7.700E+01		1.556E+00	M+B
QUAD	459	180	181	537	536	3	2.500E-01	7.700E+01		1.556E+00	M+B

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	460	181	182	538	537	3	2.500E-01	7.700E+01		1.444E+00	M+B
TRI	461	182	183	538		3	2.500E-01	3.500E+01		1.414E+00	M+B
QUAD	462	183	184	539	538	3	2.500E-01	9.100E+01		1.707E+00	M+B
QUAD	463	184	185	540	539	3	2.500E-01	5.600E+01		1.143E+00	M+B
QUAD	464	185	186	541	540	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	465	186	187	542	541	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	466	187	188	543	542	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	467	188	189	544	543	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	468	189	190	545	544	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	469	190	191	546	545	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	470	267	268	550	549	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	471	268	269	551	550	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	472	269	270	552	551	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	473	270	271	553	552	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	474	271	272	554	553	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	475	272	273	555	554	3	2.500E-01	1.120E+02		2.286E+00	M+B
QUAD	476	273	274	556	555	3	2.500E-01	6.300E+01		1.273E+00	M+B
QUAD	477	274	275	557	556	3	2.500E-01	7.700E+01		1.556E+00	M+B
QUAD	478	275	276	558	557	3	2.500E-01	7.700E+01		1.556E+00	M+B
QUAD	479	276	277	559	558	3	2.500E-01	7.700E+01		1.444E+00	M+B
QUAD	480	277	278	560	559	3	2.500E-01	7.700E+01		1.279E+00	M+B
QUAD	481	278	279	561	560	3	2.500E-01	4.900E+01		9.191E-01	M+B
TRI	482	279	280	561		3	2.500E-01	2.800E+01		9.923E-01	M+B
QUAD	483	280	281	562	561	3	2.500E-01	1.120E+02		1.985E+00	M+B
QUAD	484	281	282	563	562	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	485	282	283	564	563	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	486	283	284	565	564	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	487	284	285	566	565	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	488	285	286	567	566	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	489	306	307	571	570	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	490	307	308	572	571	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	491	308	309	573	572	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	492	309	310	574	573	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	493	310	311	575	574	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	494	311	312	576	575	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	495	312	313	577	576	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	496	313	314	578	577	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	497	314	315	579	578	3	2.500E-01	1.050E+02		2.143E+00	M+B
QUAD	498	315	316	580	579	3	2.500E-01	1.050E+02		2.143E+00	M+B
QUAD	499	316	317	581	580	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	500	317	318	582	581	3	2.500E-01	8.400E+01		1.714E+00	M+B

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Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	501	318	319	583	582	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	502	319	320	584	583	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	503	320	321	585	584	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	504	321	322	586	585	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	505	322	323	587	586	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	506	323	324	588	587	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	507	420	421	610	609	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	508	421	422	611	610	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	509	422	423	612	611	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	510	423	424	613	612	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	511	424	425	614	613	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	512	425	426	615	614	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	513	426	427	616	615	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	514	427	428	617	616	3	2.500E-01	6.300E+01		1.286E+00	M+B
( )	515	428	429	618	617	3	2.500E-01	1.050E+02		2.143E+00	M+B
QUAD	516	429	430	619	618	3	2.500E-01	1.050E+02		2.143E+00	M+B
QUAD	517	430	431	620	619	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	518	431	432	621	620	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	519	432	433	622	621	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	520	433	434	623	622	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	521	434	435	624	623	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	522	435	436	625	624	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	523	436	437	626	625	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	524	437	438	627	626	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	525	58	59	688	718	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	526	59	60	719	688	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	527	60	61	720	719	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	528	61	62	630	720	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	529	72	73	721	642	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	530	73	74	722	721	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	531	74	75	703	722	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	532	75	76	723	703	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	533	382	383	700	726	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	534	383	384	727	700	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	535	384	385	728	727	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	536	385	386	662	728	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	537	396	397	729	683	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	538	397	398	730	729	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	539	398	399	715	730	3	2.500E-01	6.300E+01		1.286E+00	M+B
( )	540	399	400	731	715	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	541	21	40	687	591	3	2.500E-01	7.000E+01		1.429E+00	M+B

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Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	542	40	59	688	687	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	543	59	78	689	688	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	544	78	97	690	689	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	545	97	116	691	690	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	546	116	135	508	691	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	547	173	193	692	529	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	548	193	208	693	692	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	549	208	223	694	693	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	550	223	238	695	694	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	551	238	253	696	695	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	552	253	268	550	696	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	553	307	326	697	571	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	554	326	345	698	697	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	555	345	364	699	698	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	556	364	383	700	699	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	557	383	402	701	700	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	558	402	421	610	701	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	559	24	43	629	594	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	560	43	62	630	629	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	561	62	81	631	630	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	562	81	100	632	631	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	563	100	119	633	632	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	564	119	138	511	633	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	565	310	329	659	574	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	566	329	348	660	659	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	567	348	367	661	660	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	568	367	386	662	661	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	569	386	405	663	662	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	570	405	424	613	663	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	571	178	198	649	534	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	572	198	213	650	649	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	573	213	228	651	650	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	574	228	243	652	651	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	575	243	258	653	652	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	576	258	273	555	653	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	577	314	333	666	578	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	578	333	352	667	666	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	579	352	371	668	667	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	580	371	390	669	668	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	581	390	409	670	669	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	582	409	428	617	670	3	2.500E-01	7.000E+01		1.429E+00	M+B

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IMAGES 3D

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	583	428	447	671	617	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	584	10	29	599	634	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	585	29	48	635	599	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	586	48	67	636	635	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	587	67	86	637	636	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	588	86	105	638	637	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	589	105	124	639	638	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	590	124	143	516	639	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	591	316	335	673	580	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	592	335	354	674	673	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	593	354	373	675	674	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	594	373	392	676	675	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	595	392	411	677	676	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	596	411	430	619	677	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	597	430	449	678	619	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	598	184	199	654	539	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	599	199	214	655	654	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	600	214	229	656	655	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	601	229	244	657	656	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	602	244	259	658	657	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	603	259	279	561	658	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	604	15	34	604	640	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	605	34	53	641	604	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	606	53	72	642	641	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	607	72	91	643	642	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	608	91	110	644	643	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	609	110	129	645	644	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	610	129	148	521	645	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	611	320	339	680	584	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	612	339	358	681	680	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	613	358	377	682	681	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	614	377	396	683	682	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	615	396	415	684	683	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	616	415	434	623	684	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	617	434	453	685	623	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	618	37	56	702	607	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	619	56	75	703	702	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	620	75	94	704	703	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	621	94	113	705	704	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	622	113	132	706	705	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	623	132	151	524	706	3	2.500E-01	7.700E+01		1.571E+00	M+B

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	624	190	205	707	545	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	625	205	220	708	707	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	626	220	235	709	708	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	627	235	250	710	709	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	628	250	265	711	710	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	629	265	285	566	711	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	630	323	342	712	587	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	631	342	361	713	712	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	632	361	380	714	713	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	633	380	399	715	714	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	634	399	418	716	715	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	635	418	437	626	716	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	636	5	24	594	628	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	637	424	443	664	613	3	2.500E-01	2.800E+01		5.714E-01	M+B

SPRING ELEMENTS

Spring No	Nodes From/ To		Direction	Stiffness No.	Spring Type
1	508	NA	Y	1	NL G
2	524	NA	Y	1	NL G
3	529	NA	Y	1	NL G
4	545	NA	Y	1	NL G
5	550	NA	Y	1	NL G
6	566	NA	Y	1	NL G
7	571	NA	Y	1	NL G
8	587	NA	Y	1	NL G
9	590	NA	Y	1	NL G
10	591	NA	Y	1	NL G
11	592	NA	Y	1	NL G

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CHECK GEOMETRY Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Spring No	Nodes From/ To		Direction	Stiffness No.	Spring Type
12	593	NA	Y	1	NL G
13	594	NA	Y	1	NL G
14	595	NA	Y	1	NL G
15	596	NA	Y	1	NL G
16	597	NA	Y	1	NL G
17	598	NA	Y	1	NL G
18	599	NA	Y	1	NL G
19	600	NA	Y	1	NL G
20	601	NA	Y	1	NL G
21	602	NA	Y	1	NL G
22	603	NA	Y	1	NL G
23	604	NA	Y	1	NL G
24	605	NA	Y	1	NL G
25	606	NA	Y	1	NL G
26	607	NA	Y	1	NL G
27	608	NA	Y	1	NL G
28	609	NA	Y	1	NL G
29	610	NA	Y	1	NL G
30	611	NA	Y	1	NL G
31	612	NA	Y	1	NL G
32	613	NA	Y	1	NL G
33	614	NA	Y	1	NL G
34	615	NA	Y	1	NL G
35	616	NA	Y	1	NL G
36	617	NA	Y	1	NL G
37	618	NA	Y	1	NL G
38	619	NA	Y	1	NL G
39	620	NA	Y	1	NL G
40	621	NA	Y	1	NL G
41	622	NA	Y	1	NL G
42	623	NA	Y	1	NL G
43	624	NA	Y	1	NL G
44	625	NA	Y	1	NL G
45	626	NA	Y	1	NL G
46	627	NA	Y	1	NL G
47	687	NA	Y	1	NL G
48	688	NA	Y	1	NL G
49	689	NA	Y	1	NL G
50	690	NA	Y	1	NL G
51	691	NA	Y	1	NL G
52	692	NA	Y	1	NL G

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CHECK GEOMETRY Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Spring No	Nodes From/ To		Direction	Stiffness No.	Spring Type
53	693	NA	Y	1	NL G
54	694	NA	Y	1	NL G
55	695	NA	Y	1	NL G
56	696	NA	Y	1	NL G
57	697	NA	Y	1	NL G
58	698	NA	Y	1	NL G
59	699	NA	Y	1	NL G
60	700	NA	Y	1	NL G
61	701	NA	Y	1	NL G
62	702	NA	Y	1	NL G
63	703	NA	Y	1	NL G
64	704	NA	Y	1	NL G
65	705	NA	Y	1	NL G
66	706	NA	Y	1	NL G
67	707	NA	Y	1	NL G
68	708	NA	Y	1	NL G
69	709	NA	Y	1	NL G
70	710	NA	Y	1	NL G
71	711	NA	Y	1	NL G
72	712	NA	Y	1	NL G
73	713	NA	Y	1	NL G
74	714	NA	Y	1	NL G
75	715	NA	Y	1	NL G
76	716	NA	Y	1	NL G

RESTRAINTS

Node No	Global/Local	Restraint Directions
733	GLOBAL	- - Z - - -
734	GLOBAL	- - Z - - -
735	GLOBAL	- - Z - - -
740	GLOBAL	X - - - - -
741	GLOBAL	X - - - - -
742	GLOBAL	X - - - - -
743	GLOBAL	X - - - - -
744	GLOBAL	X - - - - -
745	GLOBAL	X - - - - -

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SOLVE BEAM LOADS/STRESSES Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:E

MAXIMUM STRESS SUMMARY FOR BEAMS/TRUSSES
WITHIN SPECIFIED RANGE 1- 294

Maximum (absolute) Stress = .1992E+05 at BEAM 40

Beam	Axial	Y-Shear	Z-Shear	Torsion	Y-Bending	Z-Bending
40	.5320E+03	-.4203E+03	-.1971E+04	-.2235E+04	.1796E+05	.1429E+04

Maximum	Minimum	Cmb. Shear
.1992E+05	-.1886E+05	.1021E+05

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SOLVE PLATE LOADS/STRESSES Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:E

MAXIMUM STRESS SUMMARY FOR PLATES
WITHIN SPECIFIED RANGE 1- 637

Maximum (absolute) Stress = .6362E+04 at Plate 435

Plate	Sigma X	Sigma Y	Tau XY	Von Mises
435	.4405E+03	.5529E+03	.3661E+04	.6362E+04

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SOLVE SPRING LOADS Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:E

SPRING LOADS

Type	Node	Fx	Fy	Fz	Mx	My	Mz
			GSPRG NO. 1				
GLoads	508	.0000E+00	-.8957E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 2				
GLoads	524	.0000E+00	-.8117E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 3				
GLoads	529	.0000E+00	-.2924E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 4				
GLoads	545	.0000E+00	-.3949E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 5				
GLoads	550	.0000E+00	-.3835E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 6				
GLoads	566	.0000E+00	-.5018E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 7				
oads	571	.0000E+00	-.5888E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 8				
GLoads	587	.0000E+00	-.5416E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 9				
GLoads	590	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 10				
GLoads	591	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 11				
GLoads	592	.0000E+00	-.2839E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 12				
GLoads	593	.0000E+00	-.6982E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 13				
GLoads	594	.0000E+00	-.1184E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 14				
GLoads	595	.0000E+00	-.1026E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 15				
GLoads	596	.0000E+00	-.8320E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 16				
GLoads	597	.0000E+00	-.6681E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 17				
GLoads	598	.0000E+00	-.6416E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 18				
GLoads	599	.0000E+00	-.1035E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 19				
GLoads	600	.0000E+00	-.6503E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 20				
oads	601	.0000E+00	-.6398E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00

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SOLVE SPRING LOADS Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:E

Type	Node	Fx	Fy	Fz	Mx	My	Mz
			GSPRG NO. 21				
GLoads	602	.0000E+00	-.6181E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 22				
GLoads	603	.0000E+00	-.1879E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 23				
GLoads	604	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 24				
GLoads	605	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 25				
GLoads	606	.0000E+00	-.8026E+02	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 26				
GLoads	607	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 27				
GLoads	608	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 28				
oads	609	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 29				
GLoads	610	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 30				
GLoads	611	.0000E+00	-.4613E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 31				
GLoads	612	.0000E+00	-.1403E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 32				
GLoads	613	.0000E+00	-.3445E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 33				
GLoads	614	.0000E+00	-.1482E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 34				
GLoads	615	.0000E+00	-.6833E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 35				
GLoads	616	.0000E+00	-.7419E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 36				
GLoads	617	.0000E+00	-.1852E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 37				
GLoads	618	.0000E+00	-.1352E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 38				
GLoads	619	.0000E+00	-.1801E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 39				
GLoads	620	.0000E+00	-.7123E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 40				
GLoads	621	.0000E+00	-.4901E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 41				
oads	622	.0000E+00	-.7173E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:E

Type	Node	Fx	Fy	Fz	Mx	My	Mz
			GSPRG NO. 42				
GLoads	623	.0000E+00	-.1342E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 43				
GLoads	624	.0000E+00	-.6104E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 44				
GLoads	625	.0000E+00	-.2726E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 45				
GLoads	626	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 46				
GLoads	627	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 47				
GLoads	687	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 48				
GLoads	688	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 49				
oads	689	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 50				
GLoads	690	.0000E+00	-.9960E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 51				
GLoads	691	.0000E+00	-.3385E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 52				
GLoads	692	.0000E+00	-.1683E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 53				
GLoads	693	.0000E+00	-.8959E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 54				
GLoads	694	.0000E+00	-.6424E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 55				
GLoads	695	.0000E+00	-.8479E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 56				
GLoads	696	.0000E+00	-.1708E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 57				
GLoads	697	.0000E+00	-.2184E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 58				
GLoads	698	.0000E+00	-.6362E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 59				
GLoads	699	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 60				
GLoads	700	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 61				
GLoads	701	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 62				
oads	702	.0000E+00	-.5366E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:E

Type	Node	Fx	Fy	Fz	Mx	My	Mz
			GSPRG NO. 63				
GLoads	703	.0000E+00	-.1225E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 64				
GLoads	704	.0000E+00	-.9202E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 65				
GLoads	705	.0000E+00	-.1182E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 66				
GLoads	706	.0000E+00	-.3203E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 67				
GLoads	707	.0000E+00	-.1994E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 68				
GLoads	708	.0000E+00	-.9521E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 69				
GLoads	709	.0000E+00	-.6382E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 70				
oads	710	.0000E+00	-.9083E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 71				
GLoads	711	.0000E+00	-.2052E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 72				
GLoads	712	.0000E+00	-.2074E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 73				
GLoads	713	.0000E+00	-.7953E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 74				
GLoads	714	.0000E+00	-.6163E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 75				
GLoads	715	.0000E+00	-.8016E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 76				
GLoads	716	.0000E+00	-.3613E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00

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SOLVE REACTIONS Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:E

REACTIONS

Node	Fx	Fy	Fz	Mx	My	Mz
733	.0000E+00	.0000E+00	-.1377E+05	.0000E+00	.0000E+00	.0000E+00
734	.0000E+00	.0000E+00	-.5370E+04	.0000E+00	.0000E+00	.0000E+00
735	.0000E+00	.0000E+00	-.1361E+05	.0000E+00	.0000E+00	.0000E+00
740	-.9328E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
741	-.1722E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
742	-.5093E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
743	-.5446E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
744	-.2705E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
745	-.8460E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/10/94 By M. B. Lasota
Checked 5/18/94 By George T. Lyon
Revised N/A By N/A

Attachment 4.

Static Analysis, Load Case 2 - Run ID=FH46489.

Date: 04-18-1994; Time: 14:53:49

TOTAL 52 PAGES + 3 COVER SHEETS

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

MATERIAL PROPERTIES

Material No	Modulus of Elasticity	Weight Density	Coeff of Thermal Exp.	Poisson's Ratio	Shear Web Modulus
1	3.00000E+07	7.00200E-01	0.00000E+00	3.00E-01	1.12000E+07
2	1.00000E+09	1.00000E-09	0.00000E+00	3.00E-01	3.85000E+08
3	3.00000E+07	2.83000E-01	0.00000E+00	3.00E-01	1.12000E+07

NONLINEAT SPRING CONSTANTS

Spring Const.	S T I F F N E S S KT1	KC1	KT2	KC2	Limit Displacement Tension	Compression
1	1.000E+07	0.000E+00	1.000E+07	0.000E+00	0.000E+00	0.000E+00

NODE COORDINATES

Node	X-Coord.	Y-Coord.	Z-Coord.
1	0.00000E+00	0.00000E+00	0.00000E+00
2	4.00000E+00	0.00000E+00	0.00000E+00
3	1.30000E+01	0.00000E+00	0.00000E+00
4	2.30000E+01	0.00000E+00	0.00000E+00
5	3.30000E+01	0.00000E+00	0.00000E+00
6	4.50000E+01	0.00000E+00	0.00000E+00
7	5.70000E+01	0.00000E+00	0.00000E+00
8	6.90000E+01	0.00000E+00	0.00000E+00
9	8.10000E+01	0.00000E+00	0.00000E+00
10	9.30000E+01	0.00000E+00	0.00000E+00
11	1.05000E+02	0.00000E+00	0.00000E+00
12	1.17000E+02	0.00000E+00	0.00000E+00
13	1.29000E+02	0.00000E+00	0.00000E+00
14	1.41000E+02	0.00000E+00	0.00000E+00
15	1.53000E+02	0.00000E+00	0.00000E+00
16	1.63000E+02	0.00000E+00	0.00000E+00
17	1.73000E+02	0.00000E+00	0.00000E+00
18	1.82000E+02	0.00000E+00	0.00000E+00
19	1.86000E+02	0.00000E+00	0.00000E+00
20	0.00000E+00	0.00000E+00	4.00000E+00
21	4.00000E+00	0.00000E+00	4.00000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
22	1.30000E+01	0.00000E+00	4.00000E+00
23	2.30000E+01	0.00000E+00	4.00000E+00
24	3.30000E+01	0.00000E+00	4.00000E+00
25	4.50000E+01	0.00000E+00	4.00000E+00
26	5.70000E+01	0.00000E+00	4.00000E+00
27	6.90000E+01	0.00000E+00	4.00000E+00
28	8.10000E+01	0.00000E+00	4.00000E+00
29	9.30000E+01	0.00000E+00	4.00000E+00
30	1.05000E+02	0.00000E+00	4.00000E+00
31	1.17000E+02	0.00000E+00	4.00000E+00
32	1.29000E+02	0.00000E+00	4.00000E+00
33	1.41000E+02	0.00000E+00	4.00000E+00
34	1.53000E+02	0.00000E+00	4.00000E+00
35	1.63000E+02	0.00000E+00	4.00000E+00
36	1.73000E+02	0.00000E+00	4.00000E+00
37	1.82000E+02	0.00000E+00	4.00000E+00
38	1.86000E+02	0.00000E+00	4.00000E+00
39	0.00000E+00	0.00000E+00	1.40000E+01
40	4.00000E+00	0.00000E+00	1.40000E+01
41	1.30000E+01	0.00000E+00	1.40000E+01
42	2.30000E+01	0.00000E+00	1.40000E+01
43	3.30000E+01	0.00000E+00	1.40000E+01
44	4.50000E+01	0.00000E+00	1.40000E+01
45	5.70000E+01	0.00000E+00	1.40000E+01
46	6.90000E+01	0.00000E+00	1.40000E+01
47	8.10000E+01	0.00000E+00	1.40000E+01
48	9.30000E+01	0.00000E+00	1.40000E+01
49	1.05000E+02	0.00000E+00	1.40000E+01
50	1.17000E+02	0.00000E+00	1.40000E+01
51	1.29000E+02	0.00000E+00	1.40000E+01
52	1.41000E+02	0.00000E+00	1.40000E+01
53	1.53000E+02	0.00000E+00	1.40000E+01
54	1.63000E+02	0.00000E+00	1.40000E+01
55	1.73000E+02	0.00000E+00	1.40000E+01
56	1.82000E+02	0.00000E+00	1.40000E+01
57	1.86000E+02	0.00000E+00	1.40000E+01
58	0.00000E+00	0.00000E+00	2.40000E+01
59	4.00000E+00	0.00000E+00	2.40000E+01
60	1.30000E+01	0.00000E+00	2.40000E+01
61	2.30000E+01	0.00000E+00	2.40000E+01
62	3.30000E+01	0.00000E+00	2.40000E+01
63	4.50000E+01	0.00000E+00	2.40000E+01

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Node	X-Coord.	Y-Coord.	Z-Coord.
64	5.70000E+01	0.00000E+00	2.40000E+01
65	6.90000E+01	0.00000E+00	2.40000E+01
66	8.10000E+01	0.00000E+00	2.40000E+01
67	9.30000E+01	0.00000E+00	2.40000E+01
68	1.05000E+02	0.00000E+00	2.40000E+01
69	1.17000E+02	0.00000E+00	2.40000E+01
70	1.29000E+02	0.00000E+00	2.40000E+01
71	1.41000E+02	0.00000E+00	2.40000E+01
72	1.53000E+02	0.00000E+00	2.40000E+01
73	1.63000E+02	0.00000E+00	2.40000E+01
74	1.73000E+02	0.00000E+00	2.40000E+01
75	1.82000E+02	0.00000E+00	2.40000E+01
76	1.86000E+02	0.00000E+00	2.40000E+01
77	0.00000E+00	0.00000E+00	3.60000E+01
78	4.00000E+00	0.00000E+00	3.60000E+01
79	1.30000E+01	0.00000E+00	3.60000E+01
80	2.30000E+01	0.00000E+00	3.60000E+01
81	3.30000E+01	0.00000E+00	3.60000E+01
82	4.50000E+01	0.00000E+00	3.60000E+01
83	5.70000E+01	0.00000E+00	3.60000E+01
84	6.90000E+01	0.00000E+00	3.60000E+01
85	8.10000E+01	0.00000E+00	3.60000E+01
86	9.30000E+01	0.00000E+00	3.60000E+01
87	1.05000E+02	0.00000E+00	3.60000E+01
88	1.17000E+02	0.00000E+00	3.60000E+01
89	1.29000E+02	0.00000E+00	3.60000E+01
90	1.41000E+02	0.00000E+00	3.60000E+01
91	1.53000E+02	0.00000E+00	3.60000E+01
92	1.63000E+02	0.00000E+00	3.60000E+01
93	1.73000E+02	0.00000E+00	3.60000E+01
94	1.82000E+02	0.00000E+00	3.60000E+01
95	1.86000E+02	0.00000E+00	3.60000E+01
96	0.00000E+00	0.00000E+00	4.80000E+01
97	4.00000E+00	0.00000E+00	4.80000E+01
98	1.30000E+01	0.00000E+00	4.80000E+01
99	2.30000E+01	0.00000E+00	4.80000E+01
100	3.30000E+01	0.00000E+00	4.80000E+01
101	4.50000E+01	0.00000E+00	4.80000E+01
102	5.70000E+01	0.00000E+00	4.80000E+01
103	6.90000E+01	0.00000E+00	4.80000E+01
104	8.10000E+01	0.00000E+00	4.80000E+01
105	9.30000E+01	0.00000E+00	4.80000E+01

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Node	X-Coord.	Y-Coord.	Z-Coord.
106	1.05000E+02	0.00000E+00	4.80000E+01
107	1.17000E+02	0.00000E+00	4.80000E+01
108	1.29000E+02	0.00000E+00	4.80000E+01
109	1.41000E+02	0.00000E+00	4.80000E+01
110	1.53000E+02	0.00000E+00	4.80000E+01
111	1.63000E+02	0.00000E+00	4.80000E+01
112	1.73000E+02	0.00000E+00	4.80000E+01
113	1.82000E+02	0.00000E+00	4.80000E+01
114	1.86000E+02	0.00000E+00	4.80000E+01
115	0.00000E+00	0.00000E+00	6.00000E+01
116	4.00000E+00	0.00000E+00	6.00000E+01
117	1.30000E+01	0.00000E+00	6.00000E+01
118	2.30000E+01	0.00000E+00	6.00000E+01
119	3.30000E+01	0.00000E+00	6.00000E+01
120	4.50000E+01	0.00000E+00	6.00000E+01
121	5.70000E+01	0.00000E+00	6.00000E+01
122	6.90000E+01	0.00000E+00	6.00000E+01
123	8.10000E+01	0.00000E+00	6.00000E+01
124	9.30000E+01	0.00000E+00	6.00000E+01
125	1.05000E+02	0.00000E+00	6.00000E+01
126	1.17000E+02	0.00000E+00	6.00000E+01
127	1.29000E+02	0.00000E+00	6.00000E+01
128	1.41000E+02	0.00000E+00	6.00000E+01
129	1.53000E+02	0.00000E+00	6.00000E+01
130	1.63000E+02	0.00000E+00	6.00000E+01
131	1.73000E+02	0.00000E+00	6.00000E+01
132	1.82000E+02	0.00000E+00	6.00000E+01
133	1.86000E+02	0.00000E+00	6.00000E+01
134	0.00000E+00	0.00000E+00	7.10000E+01
135	4.00000E+00	0.00000E+00	7.10000E+01
136	1.30000E+01	0.00000E+00	7.10000E+01
137	2.30000E+01	0.00000E+00	7.10000E+01
138	3.30000E+01	0.00000E+00	7.10000E+01
139	4.50000E+01	0.00000E+00	7.10000E+01
140	5.70000E+01	0.00000E+00	7.10000E+01
141	6.90000E+01	0.00000E+00	7.10000E+01
142	8.10000E+01	0.00000E+00	7.10000E+01
143	9.30000E+01	0.00000E+00	7.10000E+01
144	1.05000E+02	0.00000E+00	7.10000E+01
145	1.17000E+02	0.00000E+00	7.10000E+01
146	1.29000E+02	0.00000E+00	7.10000E+01
147	1.41000E+02	0.00000E+00	7.10000E+01

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Node	X-Coord.	Y-Coord.	Z-Coord.
148	1.53000E+02	0.00000E+00	7.10000E+01
149	1.63000E+02	0.00000E+00	7.10000E+01
150	1.73000E+02	0.00000E+00	7.10000E+01
151	1.82000E+02	0.00000E+00	7.10000E+01
152	1.86000E+02	0.00000E+00	7.10000E+01
153	0.00000E+00	0.00000E+00	7.79000E+01
154	4.00000E+00	0.00000E+00	7.79000E+01
155	1.30000E+01	0.00000E+00	7.79000E+01
156	2.30000E+01	0.00000E+00	7.79000E+01
157	3.30000E+01	0.00000E+00	7.79000E+01
158	4.50000E+01	0.00000E+00	7.79000E+01
159	5.70000E+01	0.00000E+00	7.79000E+01
160	6.90000E+01	0.00000E+00	7.79000E+01
161	8.10000E+01	0.00000E+00	7.79000E+01
162	9.30000E+01	0.00000E+00	7.79000E+01
163	1.05000E+02	0.00000E+00	7.79000E+01
164	1.17000E+02	0.00000E+00	7.79000E+01
165	1.29000E+02	0.00000E+00	7.79000E+01
166	1.41000E+02	0.00000E+00	7.79000E+01
167	1.53000E+02	0.00000E+00	7.79000E+01
168	1.63000E+02	0.00000E+00	7.79000E+01
169	1.73000E+02	0.00000E+00	7.79000E+01
170	1.82000E+02	0.00000E+00	7.79000E+01
171	1.86000E+02	0.00000E+00	7.79000E+01
172	0.00000E+00	0.00000E+00	7.80000E+01
173	4.00000E+00	0.00000E+00	7.80000E+01
174	1.30000E+01	0.00000E+00	7.80000E+01
175	2.30000E+01	0.00000E+00	7.80000E+01
176	3.30000E+01	0.00000E+00	7.80000E+01
177	4.50000E+01	0.00000E+00	7.80000E+01
178	6.10000E+01	0.00000E+00	7.80000E+01
179	7.10000E+01	0.00000E+00	7.80000E+01
180	8.10000E+01	0.00000E+00	7.80000E+01
181	9.10000E+01	0.00000E+00	7.80000E+01
182	1.01000E+02	0.00000E+00	7.80000E+01
183	1.11000E+02	0.00000E+00	7.80000E+01
184	1.21000E+02	0.00000E+00	7.80000E+01
185	1.29000E+02	0.00000E+00	7.80000E+01
186	1.41000E+02	0.00000E+00	7.80000E+01
187	1.53000E+02	0.00000E+00	7.80000E+01
188	1.63000E+02	0.00000E+00	7.80000E+01
189	1.73000E+02	0.00000E+00	7.80000E+01

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Node	X-Coord.	Y-Coord.	Z-Coord.
190	1.82000E+02	0.00000E+00	7.80000E+01
191	1.86000E+02	0.00000E+00	7.80000E+01
192	0.00000E+00	0.00000E+00	8.80000E+01
193	4.00000E+00	0.00000E+00	8.80000E+01
194	1.30000E+01	0.00000E+00	8.80000E+01
195	2.30000E+01	0.00000E+00	8.80000E+01
196	3.30000E+01	0.00000E+00	8.80000E+01
197	4.50000E+01	0.00000E+00	8.80000E+01
198	6.10000E+01	0.00000E+00	8.80000E+01
199	1.21000E+02	0.00000E+00	8.80000E+01
200	1.29000E+02	0.00000E+00	8.80000E+01
201	1.41000E+02	0.00000E+00	8.80000E+01
202	1.53000E+02	0.00000E+00	8.80000E+01
203	1.63000E+02	0.00000E+00	8.80000E+01
204	1.73000E+02	0.00000E+00	8.80000E+01
205	1.82000E+02	0.00000E+00	8.80000E+01
206	1.86000E+02	0.00000E+00	8.80000E+01
207	0.00000E+00	0.00000E+00	9.80000E+01
208	4.00000E+00	0.00000E+00	9.80000E+01
209	1.30000E+01	0.00000E+00	9.80000E+01
210	2.30000E+01	0.00000E+00	9.80000E+01
211	3.30000E+01	0.00000E+00	9.80000E+01
212	4.50000E+01	0.00000E+00	9.80000E+01
213	6.10000E+01	0.00000E+00	9.80000E+01
214	1.21000E+02	0.00000E+00	9.80000E+01
215	1.29000E+02	0.00000E+00	9.80000E+01
216	1.41000E+02	0.00000E+00	9.80000E+01
217	1.53000E+02	0.00000E+00	9.80000E+01
218	1.63000E+02	0.00000E+00	9.80000E+01
219	1.73000E+02	0.00000E+00	9.80000E+01
220	1.82000E+02	0.00000E+00	9.80000E+01
221	1.86000E+02	0.00000E+00	9.80000E+01
222	0.00000E+00	0.00000E+00	1.08000E+02
223	4.00000E+00	0.00000E+00	1.08000E+02
224	1.30000E+01	0.00000E+00	1.08000E+02
225	2.30000E+01	0.00000E+00	1.08000E+02
226	3.30000E+01	0.00000E+00	1.08000E+02
227	4.50000E+01	0.00000E+00	1.08000E+02
228	6.10000E+01	0.00000E+00	1.08000E+02
229	1.21000E+02	0.00000E+00	1.08000E+02
230	1.29000E+02	0.00000E+00	1.08000E+02
231	1.41000E+02	0.00000E+00	1.08000E+02

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Node	X-Coord.	Y-Coord.	Z-Coord.
232	1.53000E+02	0.00000E+00	1.08000E+02
233	1.63000E+02	0.00000E+00	1.08000E+02
234	1.73000E+02	0.00000E+00	1.08000E+02
235	1.82000E+02	0.00000E+00	1.08000E+02
236	1.86000E+02	0.00000E+00	1.08000E+02
237	0.00000E+00	0.00000E+00	1.18000E+02
238	4.00000E+00	0.00000E+00	1.18000E+02
239	1.30000E+01	0.00000E+00	1.18000E+02
240	2.30000E+01	0.00000E+00	1.18000E+02
241	3.30000E+01	0.00000E+00	1.18000E+02
242	4.50000E+01	0.00000E+00	1.18000E+02
243	6.10000E+01	0.00000E+00	1.18000E+02
244	1.21000E+02	0.00000E+00	1.18000E+02
245	1.29000E+02	0.00000E+00	1.18000E+02
246	1.41000E+02	0.00000E+00	1.18000E+02
247	1.53000E+02	0.00000E+00	1.18000E+02
248	1.63000E+02	0.00000E+00	1.18000E+02
249	1.73000E+02	0.00000E+00	1.18000E+02
250	1.82000E+02	0.00000E+00	1.18000E+02
251	1.86000E+02	0.00000E+00	1.18000E+02
252	0.00000E+00	0.00000E+00	1.28000E+02
253	4.00000E+00	0.00000E+00	1.28000E+02
254	1.30000E+01	0.00000E+00	1.28000E+02
255	2.30000E+01	0.00000E+00	1.28000E+02
256	3.30000E+01	0.00000E+00	1.28000E+02
257	4.50000E+01	0.00000E+00	1.28000E+02
258	6.10000E+01	0.00000E+00	1.28000E+02
259	1.21000E+02	0.00000E+00	1.28000E+02
260	1.29000E+02	0.00000E+00	1.28000E+02
261	1.41000E+02	0.00000E+00	1.28000E+02
262	1.53000E+02	0.00000E+00	1.28000E+02
263	1.63000E+02	0.00000E+00	1.28000E+02
264	1.73000E+02	0.00000E+00	1.28000E+02
265	1.82000E+02	0.00000E+00	1.28000E+02
266	1.86000E+02	0.00000E+00	1.28000E+02
267	0.00000E+00	0.00000E+00	1.38000E+02
268	4.00000E+00	0.00000E+00	1.38000E+02
269	1.30000E+01	0.00000E+00	1.38000E+02
270	2.30000E+01	0.00000E+00	1.38000E+02
271	3.30000E+01	0.00000E+00	1.38000E+02
272	4.50000E+01	0.00000E+00	1.38000E+02
273	6.10000E+01	0.00000E+00	1.38000E+02

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Node	X-Coord.	Y-Coord.	Z-Coord.
274	7.10000E+01	0.00000E+00	1.38000E+02
275	8.10000E+01	0.00000E+00	1.38000E+02
276	9.10000E+01	0.00000E+00	1.38000E+02
277	1.01000E+02	0.00000E+00	1.38000E+02
278	1.11000E+02	0.00000E+00	1.38000E+02
279	1.21000E+02	0.00000E+00	1.38000E+02
280	1.29000E+02	0.00000E+00	1.38000E+02
281	1.41000E+02	0.00000E+00	1.38000E+02
282	1.53000E+02	0.00000E+00	1.38000E+02
283	1.63000E+02	0.00000E+00	1.38000E+02
284	1.73000E+02	0.00000E+00	1.38000E+02
285	1.82000E+02	0.00000E+00	1.38000E+02
286	1.86000E+02	0.00000E+00	1.38000E+02
287	0.00000E+00	0.00000E+00	1.38100E+02
288	4.00000E+00	0.00000E+00	1.38100E+02
289	1.30000E+01	0.00000E+00	1.38100E+02
290	2.30000E+01	0.00000E+00	1.38100E+02
291	3.30000E+01	0.00000E+00	1.38100E+02
292	4.50000E+01	0.00000E+00	1.38100E+02
293	5.70000E+01	0.00000E+00	1.38100E+02
294	6.90000E+01	0.00000E+00	1.38100E+02
295	7.80000E+01	0.00000E+00	1.38100E+02
296	9.30000E+01	0.00000E+00	1.38100E+02
297	1.08000E+02	0.00000E+00	1.38100E+02
298	1.17000E+02	0.00000E+00	1.38100E+02
299	1.29000E+02	0.00000E+00	1.38100E+02
300	1.41000E+02	0.00000E+00	1.38100E+02
301	1.53000E+02	0.00000E+00	1.38100E+02
302	1.63000E+02	0.00000E+00	1.38100E+02
303	1.73000E+02	0.00000E+00	1.38100E+02
304	1.82000E+02	0.00000E+00	1.38100E+02
305	1.86000E+02	0.00000E+00	1.38100E+02
306	0.00000E+00	0.00000E+00	1.45000E+02
307	4.00000E+00	0.00000E+00	1.45000E+02
308	1.30000E+01	0.00000E+00	1.45000E+02
309	2.30000E+01	0.00000E+00	1.45000E+02
310	3.30000E+01	0.00000E+00	1.45000E+02
311	4.50000E+01	0.00000E+00	1.45000E+02
312	5.70000E+01	0.00000E+00	1.45000E+02
313	6.90000E+01	0.00000E+00	1.45000E+02
314	7.80000E+01	0.00000E+00	1.45000E+02
315	9.30000E+01	0.00000E+00	1.45000E+02

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Node	X-Coord.	Y-Coord.	Z-Coord.
316	1.08000E+02	0.00000E+00	1.45000E+02
317	1.17000E+02	0.00000E+00	1.45000E+02
318	1.29000E+02	0.00000E+00	1.45000E+02
319	1.41000E+02	0.00000E+00	1.45000E+02
320	1.53000E+02	0.00000E+00	1.45000E+02
321	1.63000E+02	0.00000E+00	1.45000E+02
322	1.73000E+02	0.00000E+00	1.45000E+02
323	1.82000E+02	0.00000E+00	1.45000E+02
324	1.86000E+02	0.00000E+00	1.45000E+02
325	0.00000E+00	0.00000E+00	1.56000E+02
326	4.00000E+00	0.00000E+00	1.56000E+02
327	1.30000E+01	0.00000E+00	1.56000E+02
328	2.30000E+01	0.00000E+00	1.56000E+02
329	3.30000E+01	0.00000E+00	1.56000E+02
330	4.50000E+01	0.00000E+00	1.56000E+02
331	5.70000E+01	0.00000E+00	1.56000E+02
332	6.90000E+01	0.00000E+00	1.56000E+02
333	7.80000E+01	0.00000E+00	1.56000E+02
334	9.30000E+01	0.00000E+00	1.56000E+02
335	1.08000E+02	0.00000E+00	1.56000E+02
336	1.17000E+02	0.00000E+00	1.56000E+02
337	1.29000E+02	0.00000E+00	1.56000E+02
338	1.41000E+02	0.00000E+00	1.56000E+02
339	1.53000E+02	0.00000E+00	1.56000E+02
340	1.63000E+02	0.00000E+00	1.56000E+02
341	1.73000E+02	0.00000E+00	1.56000E+02
342	1.82000E+02	0.00000E+00	1.56000E+02
343	1.86000E+02	0.00000E+00	1.56000E+02
344	0.00000E+00	0.00000E+00	1.68000E+02
345	4.00000E+00	0.00000E+00	1.68000E+02
346	1.30000E+01	0.00000E+00	1.68000E+02
347	2.30000E+01	0.00000E+00	1.68000E+02
348	3.30000E+01	0.00000E+00	1.68000E+02
349	4.50000E+01	0.00000E+00	1.68000E+02
350	5.70000E+01	0.00000E+00	1.68000E+02
351	6.90000E+01	0.00000E+00	1.68000E+02
352	7.80000E+01	0.00000E+00	1.68000E+02
353	9.30000E+01	0.00000E+00	1.68000E+02
354	1.08000E+02	0.00000E+00	1.68000E+02
355	1.17000E+02	0.00000E+00	1.68000E+02
356	1.29000E+02	0.00000E+00	1.68000E+02
357	1.41000E+02	0.00000E+00	1.68000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
358	1.53000E+02	0.00000E+00	1.68000E+02
359	1.63000E+02	0.00000E+00	1.68000E+02
360	1.73000E+02	0.00000E+00	1.68000E+02
361	1.82000E+02	0.00000E+00	1.68000E+02
362	1.86000E+02	0.00000E+00	1.68000E+02
363	0.00000E+00	0.00000E+00	1.80000E+02
364	4.00000E+00	0.00000E+00	1.80000E+02
365	1.30000E+01	0.00000E+00	1.80000E+02
366	2.30000E+01	0.00000E+00	1.80000E+02
367	3.30000E+01	0.00000E+00	1.80000E+02
368	4.50000E+01	0.00000E+00	1.80000E+02
369	5.70000E+01	0.00000E+00	1.80000E+02
370	6.90000E+01	0.00000E+00	1.80000E+02
371	7.80000E+01	0.00000E+00	1.80000E+02
372	9.30000E+01	0.00000E+00	1.80000E+02
373	1.08000E+02	0.00000E+00	1.80000E+02
374	1.17000E+02	0.00000E+00	1.80000E+02
375	1.29000E+02	0.00000E+00	1.80000E+02
376	1.41000E+02	0.00000E+00	1.80000E+02
377	1.53000E+02	0.00000E+00	1.80000E+02
378	1.63000E+02	0.00000E+00	1.80000E+02
379	1.73000E+02	0.00000E+00	1.80000E+02
380	1.82000E+02	0.00000E+00	1.80000E+02
381	1.86000E+02	0.00000E+00	1.80000E+02
382	0.00000E+00	0.00000E+00	1.92000E+02
383	4.00000E+00	0.00000E+00	1.92000E+02
384	1.30000E+01	0.00000E+00	1.92000E+02
385	2.30000E+01	0.00000E+00	1.92000E+02
386	3.30000E+01	0.00000E+00	1.92000E+02
387	4.50000E+01	0.00000E+00	1.92000E+02
388	5.70000E+01	0.00000E+00	1.92000E+02
389	6.90000E+01	0.00000E+00	1.92000E+02
390	7.80000E+01	0.00000E+00	1.92000E+02
391	9.30000E+01	0.00000E+00	1.92000E+02
392	1.08000E+02	0.00000E+00	1.92000E+02
393	1.17000E+02	0.00000E+00	1.92000E+02
394	1.29000E+02	0.00000E+00	1.92000E+02
395	1.41000E+02	0.00000E+00	1.92000E+02
396	1.53000E+02	0.00000E+00	1.92000E+02
397	1.63000E+02	0.00000E+00	1.92000E+02
398	1.73000E+02	0.00000E+00	1.92000E+02
399	1.82000E+02	0.00000E+00	1.92000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
400	1.86000E+02	0.00000E+00	1.92000E+02
401	0.00000E+00	0.00000E+00	2.02000E+02
402	4.00000E+00	0.00000E+00	2.02000E+02
403	1.30000E+01	0.00000E+00	2.02000E+02
404	2.30000E+01	0.00000E+00	2.02000E+02
405	3.30000E+01	0.00000E+00	2.02000E+02
406	4.50000E+01	0.00000E+00	2.02000E+02
407	5.70000E+01	0.00000E+00	2.02000E+02
408	6.90000E+01	0.00000E+00	2.02000E+02
409	7.80000E+01	0.00000E+00	2.02000E+02
410	9.30000E+01	0.00000E+00	2.02000E+02
411	1.08000E+02	0.00000E+00	2.02000E+02
412	1.17000E+02	0.00000E+00	2.02000E+02
413	1.29000E+02	0.00000E+00	2.02000E+02
414	1.41000E+02	0.00000E+00	2.02000E+02
415	1.53000E+02	0.00000E+00	2.02000E+02
416	1.63000E+02	0.00000E+00	2.02000E+02
417	1.73000E+02	0.00000E+00	2.02000E+02
418	1.82000E+02	0.00000E+00	2.02000E+02
419	1.86000E+02	0.00000E+00	2.02000E+02
420	0.00000E+00	0.00000E+00	2.12000E+02
421	4.00000E+00	0.00000E+00	2.12000E+02
422	1.30000E+01	0.00000E+00	2.12000E+02
423	2.30000E+01	0.00000E+00	2.12000E+02
424	3.30000E+01	0.00000E+00	2.12000E+02
425	4.50000E+01	0.00000E+00	2.12000E+02
426	5.70000E+01	0.00000E+00	2.12000E+02
427	6.90000E+01	0.00000E+00	2.12000E+02
428	7.80000E+01	0.00000E+00	2.12000E+02
429	9.30000E+01	0.00000E+00	2.12000E+02
430	1.08000E+02	0.00000E+00	2.12000E+02
431	1.17000E+02	0.00000E+00	2.12000E+02
432	1.29000E+02	0.00000E+00	2.12000E+02
433	1.41000E+02	0.00000E+00	2.12000E+02
434	1.53000E+02	0.00000E+00	2.12000E+02
435	1.63000E+02	0.00000E+00	2.12000E+02
436	1.73000E+02	0.00000E+00	2.12000E+02
437	1.82000E+02	0.00000E+00	2.12000E+02
438	1.86000E+02	0.00000E+00	2.12000E+02
439	0.00000E+00	0.00000E+00	2.16000E+02
440	4.00000E+00	0.00000E+00	2.16000E+02
441	1.30000E+01	0.00000E+00	2.16000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
442	2.30000E+01	0.00000E+00	2.16000E+02
443	3.30000E+01	0.00000E+00	2.16000E+02
444	4.50000E+01	0.00000E+00	2.16000E+02
445	5.70000E+01	0.00000E+00	2.16000E+02
446	6.90000E+01	0.00000E+00	2.16000E+02
447	7.80000E+01	0.00000E+00	2.16000E+02
448	9.30000E+01	0.00000E+00	2.16000E+02
449	1.08000E+02	0.00000E+00	2.16000E+02
450	1.17000E+02	0.00000E+00	2.16000E+02
451	1.29000E+02	0.00000E+00	2.16000E+02
452	1.41000E+02	0.00000E+00	2.16000E+02
453	1.53000E+02	0.00000E+00	2.16000E+02
454	1.63000E+02	0.00000E+00	2.16000E+02
455	1.73000E+02	0.00000E+00	2.16000E+02
456	1.82000E+02	0.00000E+00	2.16000E+02
457	1.86000E+02	0.00000E+00	2.16000E+02
458	9.10000E+01	0.00000E+00	8.07500E+01
459	9.80528E+01	0.00000E+00	8.16785E+01
460	1.04625E+02	0.00000E+00	8.44008E+01
461	1.10269E+02	0.00000E+00	8.87314E+01
462	1.14599E+02	0.00000E+00	9.43750E+01
463	1.17322E+02	0.00000E+00	1.00947E+02
464	1.18250E+02	0.00000E+00	1.08000E+02
465	1.17322E+02	0.00000E+00	1.15053E+02
466	1.14599E+02	0.00000E+00	1.21625E+02
467	1.10269E+02	0.00000E+00	1.27269E+02
468	1.04625E+02	0.00000E+00	1.31599E+02
469	9.80528E+01	0.00000E+00	1.34322E+02
470	9.10000E+01	0.00000E+00	1.35250E+02
471	8.39472E+01	0.00000E+00	1.34322E+02
472	7.73750E+01	0.00000E+00	1.31599E+02
473	7.17314E+01	0.00000E+00	1.27269E+02
474	6.74008E+01	0.00000E+00	1.21625E+02
475	6.46785E+01	0.00000E+00	1.15053E+02
476	6.37500E+01	0.00000E+00	1.08000E+02
477	6.46785E+01	0.00000E+00	1.00947E+02
478	6.74008E+01	0.00000E+00	9.43750E+01
479	7.17314E+01	0.00000E+00	8.87314E+01
480	7.73750E+01	0.00000E+00	8.44008E+01
481	8.39472E+01	0.00000E+00	8.16785E+01
482	9.10000E+01	0.00000E+00	8.88750E+01
483	9.59499E+01	0.00000E+00	8.95267E+01

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Node	X-Coord.	Y-Coord.	Z-Coord.
484	1.00563E+02	0.00000E+00	9.14373E+01
485	1.04523E+02	0.00000E+00	9.44766E+01
486	1.07563E+02	0.00000E+00	9.84375E+01
487	1.09473E+02	0.00000E+00	1.03050E+02
488	1.10125E+02	0.00000E+00	1.08000E+02
489	1.09473E+02	0.00000E+00	1.12950E+02
490	1.07563E+02	0.00000E+00	1.17563E+02
491	1.04523E+02	0.00000E+00	1.21523E+02
492	1.00563E+02	0.00000E+00	1.24563E+02
493	9.59499E+01	0.00000E+00	1.26473E+02
494	9.10000E+01	0.00000E+00	1.27125E+02
495	8.60501E+01	0.00000E+00	1.26473E+02
496	8.14375E+01	0.00000E+00	1.24563E+02
497	7.74766E+01	0.00000E+00	1.21523E+02
498	7.44373E+01	0.00000E+00	1.17563E+02
499	7.25267E+01	0.00000E+00	1.12950E+02
500	7.18750E+01	0.00000E+00	1.08000E+02
501	7.25267E+01	0.00000E+00	1.03050E+02
502	7.44373E+01	0.00000E+00	9.84375E+01
503	7.74766E+01	0.00000E+00	9.44766E+01
504	8.14375E+01	0.00000E+00	9.14373E+01
505	8.60501E+01	0.00000E+00	8.95267E+01
506	-4.60000E+00	-7.00000E+00	7.10000E+01
507	0.00000E+00	-7.00000E+00	7.10000E+01
508	4.00000E+00	-7.00000E+00	7.10000E+01
509	1.30000E+01	-7.00000E+00	7.10000E+01
510	2.30000E+01	-7.00000E+00	7.10000E+01
511	3.30000E+01	-7.00000E+00	7.10000E+01
512	4.50000E+01	-7.00000E+00	7.10000E+01
513	5.70000E+01	-7.00000E+00	7.10000E+01
514	6.90000E+01	-7.00000E+00	7.10000E+01
515	8.10000E+01	-7.00000E+00	7.10000E+01
516	9.30000E+01	-7.00000E+00	7.10000E+01
517	1.05000E+02	-7.00000E+00	7.10000E+01
518	1.17000E+02	-7.00000E+00	7.10000E+01
519	1.29000E+02	-7.00000E+00	7.10000E+01
520	1.41000E+02	-7.00000E+00	7.10000E+01
521	1.53000E+02	-7.00000E+00	7.10000E+01
522	1.63000E+02	-7.00000E+00	7.10000E+01
523	1.73000E+02	-7.00000E+00	7.10000E+01
524	1.82000E+02	-7.00000E+00	7.10000E+01
525	1.86000E+02	-7.00000E+00	7.10000E+01

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
526	1.90600E+02	-7.00000E+00	7.10000E+01
527	-4.60000E+00	-7.00000E+00	7.80000E+01
528	0.00000E+00	-7.00000E+00	7.80000E+01
529	4.00000E+00	-7.00000E+00	7.80000E+01
530	1.30000E+01	-7.00000E+00	7.80000E+01
531	2.30000E+01	-7.00000E+00	7.80000E+01
532	3.30000E+01	-7.00000E+00	7.80000E+01
533	4.50000E+01	-7.00000E+00	7.80000E+01
534	6.10000E+01	-7.00000E+00	7.80000E+01
535	6.90000E+01	-7.00000E+00	7.80000E+01
536	8.10000E+01	-7.00000E+00	7.80000E+01
537	9.30000E+01	-7.00000E+00	7.80000E+01
538	1.05000E+02	-7.00000E+00	7.80000E+01
539	1.21000E+02	-7.00000E+00	7.80000E+01
540	1.29000E+02	-7.00000E+00	7.80000E+01
541	1.41000E+02	-7.00000E+00	7.80000E+01
542	1.53000E+02	-7.00000E+00	7.80000E+01
543	1.63000E+02	-7.00000E+00	7.80000E+01
544	1.73000E+02	-7.00000E+00	7.80000E+01
545	1.82000E+02	-7.00000E+00	7.80000E+01
546	1.86000E+02	-7.00000E+00	7.80000E+01
547	1.90600E+02	-7.00000E+00	7.80000E+01
548	-4.60000E+00	-7.00000E+00	1.38000E+02
549	0.00000E+00	-7.00000E+00	1.38000E+02
550	4.00000E+00	-7.00000E+00	1.38000E+02
551	1.30000E+01	-7.00000E+00	1.38000E+02
552	2.30000E+01	-7.00000E+00	1.38000E+02
553	3.30000E+01	-7.00000E+00	1.38000E+02
554	4.50000E+01	-7.00000E+00	1.38000E+02
555	6.10000E+01	-7.00000E+00	1.38000E+02
556	6.90000E+01	-7.00000E+00	1.38000E+02
557	8.10000E+01	-7.00000E+00	1.38000E+02
558	9.30000E+01	-7.00000E+00	1.38000E+02
559	1.05000E+02	-7.00000E+00	1.38000E+02
560	1.17000E+02	-7.00000E+00	1.38000E+02
561	1.21000E+02	-7.00000E+00	1.38000E+02
562	1.41000E+02	-7.00000E+00	1.38000E+02
563	1.53000E+02	-7.00000E+00	1.38000E+02
564	1.63000E+02	-7.00000E+00	1.38000E+02
565	1.73000E+02	-7.00000E+00	1.38000E+02
566	1.82000E+02	-7.00000E+00	1.38000E+02
567	1.86000E+02	-7.00000E+00	1.38000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
568	1.90600E+02	-7.00000E+00	1.38000E+02
569	-4.60000E+00	-7.00000E+00	1.45000E+02
570	0.00000E+00	-7.00000E+00	1.45000E+02
571	4.00000E+00	-7.00000E+00	1.45000E+02
572	1.30000E+01	-7.00000E+00	1.45000E+02
573	2.30000E+01	-7.00000E+00	1.45000E+02
574	3.30000E+01	-7.00000E+00	1.45000E+02
575	4.50000E+01	-7.00000E+00	1.45000E+02
576	5.70000E+01	-7.00000E+00	1.45000E+02
577	6.90000E+01	-7.00000E+00	1.45000E+02
578	7.80000E+01	-7.00000E+00	1.45000E+02
579	9.30000E+01	-7.00000E+00	1.45000E+02
580	1.08000E+02	-7.00000E+00	1.45000E+02
581	1.17000E+02	-7.00000E+00	1.45000E+02
582	1.29000E+02	-7.00000E+00	1.45000E+02
583	1.41000E+02	-7.00000E+00	1.45000E+02
584	1.53000E+02	-7.00000E+00	1.45000E+02
585	1.63000E+02	-7.00000E+00	1.45000E+02
586	1.73000E+02	-7.00000E+00	1.45000E+02
587	1.82000E+02	-7.00000E+00	1.45000E+02
588	1.86000E+02	-7.00000E+00	1.45000E+02
589	1.90600E+02	-7.00000E+00	1.45000E+02
590	0.00000E+00	-7.00000E+00	4.00000E+00
591	4.00000E+00	-7.00000E+00	4.00000E+00
592	1.30000E+01	-7.00000E+00	4.00000E+00
593	2.30000E+01	-7.00000E+00	4.00000E+00
594	3.30000E+01	-7.00000E+00	4.00000E+00
595	4.50000E+01	-7.00000E+00	4.00000E+00
596	5.70000E+01	-7.00000E+00	4.00000E+00
597	6.90000E+01	-7.00000E+00	4.00000E+00
598	8.10000E+01	-7.00000E+00	4.00000E+00
599	9.30000E+01	-7.00000E+00	4.00000E+00
600	1.05000E+02	-7.00000E+00	4.00000E+00
601	1.17000E+02	-7.00000E+00	4.00000E+00
602	1.29000E+02	-7.00000E+00	4.00000E+00
603	1.41000E+02	-7.00000E+00	4.00000E+00
604	1.53000E+02	-7.00000E+00	4.00000E+00
605	1.63000E+02	-7.00000E+00	4.00000E+00
606	1.73000E+02	-7.00000E+00	4.00000E+00
607	1.82000E+02	-7.00000E+00	4.00000E+00
608	1.86000E+02	-7.00000E+00	4.00000E+00
609	0.00000E+00	-7.00000E+00	2.12000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
610	4.00000E+00	-7.00000E+00	2.12000E+02
611	1.30000E+01	-7.00000E+00	2.12000E+02
612	2.30000E+01	-7.00000E+00	2.12000E+02
613	3.30000E+01	-7.00000E+00	2.12000E+02
614	4.50000E+01	-7.00000E+00	2.12000E+02
615	5.70000E+01	-7.00000E+00	2.12000E+02
616	6.90000E+01	-7.00000E+00	2.12000E+02
617	7.80000E+01	-7.00000E+00	2.12000E+02
618	9.30000E+01	-7.00000E+00	2.12000E+02
619	1.08000E+02	-7.00000E+00	2.12000E+02
620	1.17000E+02	-7.00000E+00	2.12000E+02
621	1.29000E+02	-7.00000E+00	2.12000E+02
622	1.41000E+02	-7.00000E+00	2.12000E+02
623	1.53000E+02	-7.00000E+00	2.12000E+02
624	1.63000E+02	-7.00000E+00	2.12000E+02
625	1.73000E+02	-7.00000E+00	2.12000E+02
626	1.82000E+02	-7.00000E+00	2.12000E+02
627	1.86000E+02	-7.00000E+00	2.12000E+02
628	3.30000E+01	-7.00000E+00	0.00000E+00
629	3.30000E+01	-7.00000E+00	1.40000E+01
630	3.30000E+01	-7.00000E+00	2.40000E+01
631	3.30000E+01	-7.00000E+00	3.60000E+01
632	3.30000E+01	-7.00000E+00	4.80000E+01
633	3.30000E+01	-7.00000E+00	6.00000E+01
634	9.30000E+01	-7.00000E+00	0.00000E+00
635	9.30000E+01	-7.00000E+00	1.40000E+01
636	9.30000E+01	-7.00000E+00	2.40000E+01
637	9.30000E+01	-7.00000E+00	3.60000E+01
638	9.30000E+01	-7.00000E+00	4.80000E+01
639	9.30000E+01	-7.00000E+00	6.00000E+01
640	1.53000E+02	-7.00000E+00	0.00000E+00
641	1.53000E+02	-7.00000E+00	1.40000E+01
642	1.53000E+02	-7.00000E+00	2.40000E+01
643	1.53000E+02	-7.00000E+00	3.60000E+01
644	1.53000E+02	-7.00000E+00	4.80000E+01
645	1.53000E+02	-7.00000E+00	6.00000E+01
646	3.30000E+01	-7.00000E+00	-4.60000E+00
647	9.30000E+01	-7.00000E+00	-4.60000E+00
648	1.53000E+02	-7.00000E+00	-4.60000E+00
649	6.10000E+01	-7.00000E+00	8.80000E+01
650	6.10000E+01	-7.00000E+00	9.80000E+01
651	6.10000E+01	-7.00000E+00	1.08000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
652	6.10000E+01	-7.00000E+00	1.18000E+02
653	6.10000E+01	-7.00000E+00	1.28000E+02
654	1.21000E+02	-7.00000E+00	8.80000E+01
655	1.21000E+02	-7.00000E+00	9.80000E+01
656	1.21000E+02	-7.00000E+00	1.08000E+02
657	1.21000E+02	-7.00000E+00	1.18000E+02
658	1.21000E+02	-7.00000E+00	1.28000E+02
659	3.30000E+01	-7.00000E+00	1.56000E+02
660	3.30000E+01	-7.00000E+00	1.68000E+02
661	3.30000E+01	-7.00000E+00	1.80000E+02
662	3.30000E+01	-7.00000E+00	1.92000E+02
663	3.30000E+01	-7.00000E+00	2.02000E+02
664	3.30000E+01	-7.00000E+00	2.16000E+02
665	3.30000E+01	-7.00000E+00	2.20600E+02
666	7.80000E+01	-7.00000E+00	1.56000E+02
667	7.80000E+01	-7.00000E+00	1.68000E+02
668	7.80000E+01	-7.00000E+00	1.80000E+02
669	7.80000E+01	-7.00000E+00	1.92000E+02
670	7.80000E+01	-7.00000E+00	2.02000E+02
671	7.80000E+01	-7.00000E+00	2.16000E+02
672	7.80000E+01	-7.00000E+00	2.20600E+02
673	1.08000E+02	-7.00000E+00	1.56000E+02
674	1.08000E+02	-7.00000E+00	1.68000E+02
675	1.08000E+02	-7.00000E+00	1.80000E+02
676	1.08000E+02	-7.00000E+00	1.92000E+02
677	1.08000E+02	-7.00000E+00	2.02000E+02
678	1.08000E+02	-7.00000E+00	2.16000E+02
679	1.08000E+02	-7.00000E+00	2.20600E+02
680	1.53000E+02	-7.00000E+00	1.56000E+02
681	1.53000E+02	-7.00000E+00	1.68000E+02
682	1.53000E+02	-7.00000E+00	1.80000E+02
683	1.53000E+02	-7.00000E+00	1.92000E+02
684	1.53000E+02	-7.00000E+00	2.02000E+02
685	1.53000E+02	-7.00000E+00	2.16000E+02
686	1.53000E+02	-7.00000E+00	2.20600E+02
687	4.00000E+00	-7.00000E+00	1.40000E+01
688	4.00000E+00	-7.00000E+00	2.40000E+01
689	4.00000E+00	-7.00000E+00	3.60000E+01
690	4.00000E+00	-7.00000E+00	4.80000E+01
691	4.00000E+00	-7.00000E+00	6.00000E+01
692	4.00000E+00	-7.00000E+00	8.80000E+01
693	4.00000E+00	-7.00000E+00	9.80000E+01

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Node	X-Coord.	Y-Coord.	Z-Coord.
694	4.00000E+00	-7.00000E+00	1.08000E+02
695	4.00000E+00	-7.00000E+00	1.18000E+02
696	4.00000E+00	-7.00000E+00	1.28000E+02
697	4.00000E+00	-7.00000E+00	1.56000E+02
698	4.00000E+00	-7.00000E+00	1.68000E+02
699	4.00000E+00	-7.00000E+00	1.80000E+02
700	4.00000E+00	-7.00000E+00	1.92000E+02
701	4.00000E+00	-7.00000E+00	2.02000E+02
702	1.82000E+02	-7.00000E+00	1.40000E+01
703	1.82000E+02	-7.00000E+00	2.40000E+01
704	1.82000E+02	-7.00000E+00	3.60000E+01
705	1.82000E+02	-7.00000E+00	4.80000E+01
706	1.82000E+02	-7.00000E+00	6.00000E+01
707	1.82000E+02	-7.00000E+00	8.80000E+01
708	1.82000E+02	-7.00000E+00	9.80000E+01
709	1.82000E+02	-7.00000E+00	1.08000E+02
710	1.82000E+02	-7.00000E+00	1.18000E+02
711	1.82000E+02	-7.00000E+00	1.28000E+02
712	1.82000E+02	-7.00000E+00	1.56000E+02
713	1.82000E+02	-7.00000E+00	1.68000E+02
714	1.82000E+02	-7.00000E+00	1.80000E+02
715	1.82000E+02	-7.00000E+00	1.92000E+02
716	1.82000E+02	-7.00000E+00	2.02000E+02
717	-4.60000E+00	-7.00000E+00	2.40000E+01
718	0.00000E+00	-7.00000E+00	2.40000E+01
719	1.30000E+01	-7.00000E+00	2.40000E+01
720	2.30000E+01	-7.00000E+00	2.40000E+01
721	1.63000E+02	-7.00000E+00	2.40000E+01
722	1.73000E+02	-7.00000E+00	2.40000E+01
723	1.86000E+02	-7.00000E+00	2.40000E+01
724	1.90600E+02	-7.00000E+00	2.40000E+01
725	-4.60000E+00	-7.00000E+00	1.92000E+02
726	0.00000E+00	-7.00000E+00	1.92000E+02
727	1.30000E+01	-7.00000E+00	1.92000E+02
728	2.30000E+01	-7.00000E+00	1.92000E+02
729	1.63000E+02	-7.00000E+00	1.92000E+02
730	1.73000E+02	-7.00000E+00	1.92000E+02
731	1.86000E+02	-7.00000E+00	1.92000E+02
732	1.90600E+02	-7.00000E+00	1.92000E+02
733	3.30000E+01	-2.10000E+01	-4.60000E+00
734	9.30000E+01	-2.10000E+01	-4.60000E+00
735	1.53000E+02	-2.10000E+01	-4.60000E+00

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Node	X-Coord.	Y-Coord.	Z-Coord.
736	3.30000E+01	-2.10000E+01	2.20600E+02
737	7.80000E+01	-2.10000E+01	2.20600E+02
738	1.08000E+02	-2.10000E+01	2.20600E+02
739	1.53000E+02	-2.10000E+01	2.20600E+02
740	-4.60000E+00	-2.10000E+01	2.40000E+01
741	-4.60000E+00	-2.10000E+01	7.10000E+01
742	-4.60000E+00	-2.10000E+01	7.80000E+01
743	-4.60000E+00	-2.10000E+01	1.38000E+02
744	-4.60000E+00	-2.10000E+01	1.45000E+02
745	-4.60000E+00	-2.10000E+01	1.92000E+02
746	1.90600E+02	-2.10000E+01	2.40000E+01
747	1.90600E+02	-2.10000E+01	7.10000E+01
748	1.90600E+02	-2.10000E+01	7.80000E+01
749	1.90600E+02	-2.10000E+01	1.38000E+02
750	1.90600E+02	-2.10000E+01	1.45000E+02
751	1.90600E+02	-2.10000E+01	1.92000E+02
752	9.10000E+01	2.25000E+01	9.76200E+01
753	9.10000E+01	2.05000E+01	9.76200E+01
754	-9.25000E+00	-7.00000E+00	7.10000E+01
755	-9.25000E+00	-7.00000E+00	7.80000E+01
756	-9.25000E+00	-7.00000E+00	1.38000E+02
757	-9.25000E+00	-7.00000E+00	1.45000E+02
758	1.95250E+02	-7.00000E+00	7.10000E+01
759	1.95250E+02	-7.00000E+00	7.80000E+01
760	1.95250E+02	-7.00000E+00	1.38000E+02
761	1.95250E+02	-7.00000E+00	1.45000E+02

BEAM PROPERTIES

Multiplier = 1 (For AISC database properties only)

Prop No	N a m e
1	W12X35
2	W8X18
3	W10X49

Prop No	X-Section Area	Moment of Inertia Iy	/ Iz	Torsional Const.- J
1	1.030E+01	2.451E+01	2.850E+02	7.409E-01

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Prop No	X-Section Area	Moment of Inertia Iy / Iz		Torsional Const.- J
2	5.268E+00	7.973E+00	6.190E+01	1.701E-01
3	1.441E+01	9.340E+01	2.720E+02	1.390E+00
4	6.000E+00	7.200E+01	1.300E-01	5.000E-01

Prop No	Max. Fiber Dist Cy / Cz		Shear Shape Fact SSFy / SSFz		Ctors	Shear Stress Factor SSTRFy / SSTRFz	
1	3.28E+00	6.25E+00	2.75E+00	1.51E+00	5.20E-01	3.05E+00	2.26E+00
2	2.62E+00	4.07E+00	2.81E+00	1.52E+00	3.30E-01	3.10E+00	2.27E+00
3	4.99E+00	4.98E+00	4.25E+00	1.29E+00	5.60E-01	4.63E+00	1.93E+00
4	6.00E+00	2.50E-01	0.00E+00	0.00E+00	1.00E+00	1.00E+00	1.00E+00

BEAM CONNECTIVITY

Beam	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I / J	Length	Beam Type
1	590	591	21	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
2	591	592	21	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
3	592	593	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
4	593	594	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
5	594	595	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
6	595	596	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
7	596	597	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
8	597	598	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
9	598	599	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
10	599	600	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
11	600	601	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
12	601	602	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
13	602	603	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
14	603	604	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
15	604	605	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
16	605	606	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
17	606	607	21	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
18	607	608	21	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
19	506	507	134	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
20	507	508	134	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
21	508	509	134	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
22	509	510	134	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
23	510	511	134	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
24	511	512	134	1	3		0.00E+00 0.00E+00	0.12E+02	Beam

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I / J	Length	Beam Type
25	512	513	134	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
26	513	514	134	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
27	514	515	134	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
28	515	516	134	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
29	516	517	134	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
30	517	518	134	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
31	518	519	134	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
32	519	520	134	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
33	520	521	134	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
34	521	522	134	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
35	522	523	134	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
36	523	524	134	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
37	524	525	134	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
38	525	526	134	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
39	527	528	172	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
40	528	529	172	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
41	529	530	172	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
42	530	531	172	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
43	531	532	172	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
44	532	533	172	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
45	533	534	172	1	3		0.00E+00 0.00E+00	0.16E+02	Beam
46	534	535	172	1	3		0.00E+00 0.00E+00	0.80E+01	Beam
47	535	536	172	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
48	536	537	172	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
49	537	538	172	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
50	538	539	172	1	3		0.00E+00 0.00E+00	0.16E+02	Beam
51	539	540	172	1	3		0.00E+00 0.00E+00	0.80E+01	Beam
52	540	541	172	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
53	541	542	172	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
54	542	543	172	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
55	543	544	172	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
56	544	545	172	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
57	545	546	172	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
58	546	547	172	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
59	548	549	267	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
60	549	550	267	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
61	550	551	267	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
62	551	552	267	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
63	552	553	267	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
64	553	554	267	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
65	554	555	267	1	3		0.00E+00 0.00E+00	0.16E+02	Beam

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Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I	/ J	Length	Beam Type
66	555	556	267	1	3		0.00E+00	0.00E+00	0.80E+01	Beam
67	556	557	267	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
68	557	558	267	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
69	558	559	267	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
70	559	560	267	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
71	560	561	267	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
72	561	562	267	1	3		0.00E+00	0.00E+00	0.20E+02	Beam
73	562	563	267	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
74	563	564	267	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
75	564	565	267	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
76	565	566	267	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
77	566	567	267	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
78	567	568	267	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
79	569	570	306	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
80	570	571	306	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
81	571	572	306	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
82	572	573	306	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
83	573	574	306	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
84	574	575	306	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
85	575	576	306	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
86	576	577	306	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
87	577	578	306	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
88	578	579	306	1	3		0.00E+00	0.00E+00	0.15E+02	Beam
89	579	580	306	1	3		0.00E+00	0.00E+00	0.15E+02	Beam
90	580	581	306	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
91	581	582	306	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
92	582	583	306	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
93	583	584	306	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
94	584	585	306	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
95	585	586	306	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
96	586	587	306	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
97	587	588	306	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
98	588	589	306	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
99	609	610	420	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
100	610	611	420	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
101	611	612	420	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
102	612	613	420	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
103	613	614	420	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
104	614	615	420	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
105	615	616	420	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
106	616	617	420	1	3		0.00E+00	0.00E+00	0.90E+01	Beam

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Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I / J	Length	Beam Type
107	678	679	449	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
108	619	620	420	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
109	620	621	420	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
110	621	622	420	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
111	622	623	420	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
112	623	624	420	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
113	624	625	420	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
114	625	626	420	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
115	626	627	420	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
116	646	628	5	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
117	628	594	5	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
118	594	629	5	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
119	629	630	5	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
120	630	631	5	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
121	631	632	5	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
122	632	633	5	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
3	633	511	5	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
124	647	634	10	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
125	634	599	10	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
126	599	635	10	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
127	635	636	10	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
128	636	637	10	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
129	637	638	10	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
130	638	639	10	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
131	639	516	10	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
132	648	640	15	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
133	640	604	15	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
134	604	641	15	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
135	641	642	15	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
136	642	643	15	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
137	643	644	15	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
138	644	645	15	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
139	645	521	15	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
140	534	649	178	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
141	649	650	178	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
142	650	651	178	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
143	651	652	178	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
144	652	653	178	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
145	653	555	178	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
146	539	654	184	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
147	654	655	184	1	3		0.00E+00 0.00E+00	0.10E+02	Beam

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Beam No	Nodes From/	To /	Ref	Prop No	Mat No	pincodes I / J	Rigid End Offset I	/ J	Length	Beam Type
148	655	656	184	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
149	656	657	184	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
150	657	658	184	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
151	658	561	184	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
152	574	659	310	1	3		0.00E+00	0.00E+00	0.11E+02	Beam
153	659	660	310	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
154	660	661	310	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
155	661	662	310	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
156	662	663	310	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
157	663	613	310	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
158	613	664	310	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
159	664	665	310	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
160	578	666	314	1	3		0.00E+00	0.00E+00	0.11E+02	Beam
161	666	667	314	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
162	667	668	314	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
163	668	669	314	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
164	669	670	314	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
165	670	617	314	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
166	617	671	310	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
167	671	672	310	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
168	580	673	316	1	3		0.00E+00	0.00E+00	0.11E+02	Beam
169	673	674	316	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
170	674	675	316	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
171	675	676	316	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
172	676	677	316	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
173	677	619	316	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
174	619	678	316	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
175	584	680	320	1	3		0.00E+00	0.00E+00	0.11E+02	Beam
176	680	681	320	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
177	681	682	320	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
178	682	683	320	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
179	683	684	320	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
180	684	623	320	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
181	623	685	320	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
182	685	686	320	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
183	717	718	58	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
184	718	688	58	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
185	688	719	58	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
186	719	720	58	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
187	720	630	58	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
188	642	721	58	1	3		0.00E+00	0.00E+00	0.10E+02	Beam

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Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I / J	Length	Beam Type
189	721	722	58	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
190	722	703	58	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
191	703	723	58	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
192	723	724	58	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
193	725	726	382	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
194	726	700	382	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
195	700	727	382	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
196	727	728	382	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
197	728	662	382	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
198	683	729	382	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
199	729	730	382	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
200	730	715	382	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
201	715	731	382	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
202	731	732	382	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
203	591	687	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
204	687	688	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
J5	688	689	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
206	689	690	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
207	690	691	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
208	691	508	21	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
209	529	692	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
210	692	693	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
211	693	694	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
212	694	695	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
213	695	696	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
214	696	550	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
215	571	697	21	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
216	697	698	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
217	698	699	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
218	699	700	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
219	700	701	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
220	701	610	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
221	607	702	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
222	702	703	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
223	703	704	37	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
224	704	705	37	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
225	705	706	37	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
226	706	524	37	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
227	545	707	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
228	707	708	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
229	708	709	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam

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Beam No	Nodes From/	To /	Ref	Prop No	Mat No	pincodes I	/ J	Rigid End Offset I	/ J	Length	Beam Type
230	709	710	37	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
231	710	711	37	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
232	711	566	37	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
233	587	712	37	1	3			0.00E+00	0.00E+00	0.11E+02	Beam
234	712	713	37	1	3			0.00E+00	0.00E+00	0.12E+02	Beam
235	713	714	37	1	3			0.00E+00	0.00E+00	0.12E+02	Beam
236	714	715	37	1	3			0.00E+00	0.00E+00	0.12E+02	Beam
237	715	716	37	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
238	716	626	37	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
239	733	646	628	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
240	734	647	634	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
241	735	648	640	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
242	736	665	664	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
243	737	672	671	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
244	738	679	678	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
245	739	686	685	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
246	740	717	718	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
247	741	506	507	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
248	742	527	528	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
249	743	548	549	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
250	744	569	570	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
251	745	725	726	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
252	746	724	723	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
253	747	526	525	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
254	748	547	546	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
255	749	568	567	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
256	750	589	588	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
257	751	732	731	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
258	754	755	527	4	3	NA	NA	NA	NA	0.70E+01	Truss
259	756	757	569	4	3	NA	NA	NA	NA	0.70E+01	Truss
260	758	759	547	4	3	NA	NA	NA	NA	0.70E+01	Truss
261	760	761	589	4	3	NA	NA	NA	NA	0.70E+01	Truss
262	458	752	753	3	2	56		0.00E+00	0.00E+00	0.28E+02	Beam
263	459	752	753	3	2	56		0.00E+00	0.00E+00	0.28E+02	Beam
264	460	752	753	3	2	56		0.00E+00	0.00E+00	0.29E+02	Beam
265	461	752	753	3	2	56		0.00E+00	0.00E+00	0.31E+02	Beam
266	462	752	753	3	2	56		0.00E+00	0.00E+00	0.33E+02	Beam
267	463	752	753	3	2	56		0.00E+00	0.00E+00	0.35E+02	Beam
268	464	752	753	3	2	56		0.00E+00	0.00E+00	0.37E+02	Beam
269	465	752	753	3	2	56		0.00E+00	0.00E+00	0.39E+02	Beam
270	466	752	753	3	2	56		0.00E+00	0.00E+00	0.40E+02	Beam

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Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I / J		Length	Beam Type
271	467	752	753	3	2	56	0.00E+00	0.00E+00	0.42E+02	Beam
272	468	752	753	3	2	56	0.00E+00	0.00E+00	0.43E+02	Beam
273	469	752	753	3	2	56	0.00E+00	0.00E+00	0.44E+02	Beam
274	470	752	753	3	2	56	0.00E+00	0.00E+00	0.44E+02	Beam
275	471	752	753	3	2	56	0.00E+00	0.00E+00	0.44E+02	Beam
276	472	752	753	3	2	56	0.00E+00	0.00E+00	0.43E+02	Beam
277	473	752	753	3	2	56	0.00E+00	0.00E+00	0.42E+02	Beam
278	474	752	753	3	2	56	0.00E+00	0.00E+00	0.40E+02	Beam
279	475	752	753	3	2	56	0.00E+00	0.00E+00	0.39E+02	Beam
280	476	752	753	3	2	56	0.00E+00	0.00E+00	0.37E+02	Beam
281	477	752	753	3	2	56	0.00E+00	0.00E+00	0.35E+02	Beam
282	478	752	753	3	2	56	0.00E+00	0.00E+00	0.33E+02	Beam
283	479	752	753	3	2	56	0.00E+00	0.00E+00	0.31E+02	Beam
284	480	752	753	3	2	56	0.00E+00	0.00E+00	0.29E+02	Beam
285	481	752	753	3	2	56	0.00E+00	0.00E+00	0.28E+02	Beam
286	752	753	458	3	2		0.00E+00	0.00E+00	0.20E+01	Beam
287	754	506	741	1	3		0.00E+00	0.00E+00	0.47E+01	Beam
288	755	527	742	1	3		0.00E+00	0.00E+00	0.47E+01	Beam
289	756	548	743	1	3		0.00E+00	0.00E+00	0.47E+01	Beam
290	757	569	744	1	3		0.00E+00	0.00E+00	0.47E+01	Beam
291	526	758	747	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
292	547	759	748	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
293	568	760	749	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
294	589	761	750	1	3		0.00E+00	0.00E+00	0.46E+01	Beam

PLATE ELEMENT CONNECTIVITY

Plate No.		Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	1	1	2	21	20	1	1.500E+00	1.600E+01		1.000E+00	M+B
QUAD	2	2	3	22	21	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	3	3	4	23	22	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	4	4	5	24	23	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	5	5	6	25	24	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	6	6	7	26	25	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	7	7	8	27	26	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	8	8	9	28	27	1	1.500E+00	4.800E+01		3.000E+00	M+B

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Plate		Nodes				Mat			Shear Web	Aspect	Plate
	No.	I	J	K	L	No.	Thickness	Area	Thickness	Ratio	Type
QUAD	9	9	10	29	28	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	10	10	11	30	29	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	11	11	12	31	30	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	12	12	13	32	31	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	13	13	14	33	32	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	14	14	15	34	33	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	15	15	16	35	34	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	16	16	17	36	35	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	17	17	18	37	36	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	18	18	19	38	37	1	1.500E+00	1.600E+01		1.000E+00	M+B
QUAD	19	20	21	40	39	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	20	21	22	41	40	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	21	22	23	42	41	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	22	23	24	43	42	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	23	24	25	44	43	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	24	25	26	45	44	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	25	26	27	46	45	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	26	27	28	47	46	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	27	28	29	48	47	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	28	29	30	49	48	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	29	30	31	50	49	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	30	31	32	51	50	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	31	32	33	52	51	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	32	33	34	53	52	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	33	34	35	54	53	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	34	35	36	55	54	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	35	36	37	56	55	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	36	37	38	57	56	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	37	39	40	59	58	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	38	40	41	60	59	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	39	41	42	61	60	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	40	42	43	62	61	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	41	43	44	63	62	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	42	44	45	64	63	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	43	45	46	65	64	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	44	46	47	66	65	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	45	47	48	67	66	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	46	48	49	68	67	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	47	49	50	69	68	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	48	50	51	70	69	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	49	51	52	71	70	1	1.500E+00	1.200E+02		1.200E+00	M+B

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Plate		Nodes				Mat			Shear Web	Aspect	Plate
	No.	I	J	K	L	No.	Thickness	Area	Thickness	Ratio	Type
QUAD	50	52	53	72	71	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	51	53	54	73	72	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	52	54	55	74	73	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	53	55	56	75	74	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	54	56	57	76	75	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	55	58	59	78	77	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	56	59	60	79	78	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	57	60	61	80	79	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	58	61	62	81	80	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	59	62	63	82	81	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	60	63	64	83	82	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	61	64	65	84	83	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	62	65	66	85	84	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	63	66	67	86	85	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	64	67	68	87	86	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	65	68	69	88	87	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	66	69	70	89	88	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	67	70	71	90	89	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	68	71	72	91	90	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	69	72	73	92	91	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	70	73	74	93	92	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	71	74	75	94	93	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	72	75	76	95	94	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	73	77	78	97	96	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	74	78	79	98	97	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	75	79	80	99	98	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	76	80	81	100	99	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	77	81	82	101	100	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	78	82	83	102	101	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	79	83	84	103	102	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	80	84	85	104	103	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	81	85	86	105	104	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	82	86	87	106	105	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	83	87	88	107	106	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	84	88	89	108	107	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	85	89	90	109	108	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	86	90	91	110	109	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	87	91	92	111	110	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	88	92	93	112	111	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	89	93	94	113	112	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	90	94	95	114	113	1	1.500E+00	4.800E+01		3.333E-01	M+B

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Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	91	96	97	116	115	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	92	97	98	117	116	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	93	98	99	118	117	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	94	99	100	119	118	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	95	100	101	120	119	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	96	101	102	121	120	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	97	102	103	122	121	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	98	103	104	123	122	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	99	104	105	124	123	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	100	105	106	125	124	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	101	106	107	126	125	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	102	107	108	127	126	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	103	108	109	128	127	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	104	109	110	129	128	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	105	110	111	130	129	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	106	111	112	131	130	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	107	112	113	132	131	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	108	113	114	133	132	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	109	115	116	135	134	1	1.500E+00	4.400E+01		3.636E-01	M+B
QUAD	110	116	117	136	135	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	111	117	118	137	136	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	112	118	119	138	137	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	113	119	120	139	138	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	114	120	121	140	139	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	115	121	122	141	140	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	116	122	123	142	141	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	117	123	124	143	142	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	118	124	125	144	143	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	119	125	126	145	144	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	120	126	127	146	145	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	121	127	128	147	146	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	122	128	129	148	147	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	123	129	130	149	148	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	124	130	131	150	149	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	125	131	132	151	150	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	126	132	133	152	151	1	1.500E+00	4.400E+01		3.636E-01	M+B
QUAD	127	134	135	154	153	1	1.500E+00	2.760E+01		5.797E-01	M+B
QUAD	128	135	136	155	154	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	129	136	137	156	155	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	130	137	138	157	156	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	131	138	139	158	157	1	1.500E+00	8.280E+01		1.739E+00	M+B

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Plate		Nodes				Mat			Shear Web	Aspect	Plate
	No.	I	J	K	L	No.	Thickness	Area	Thickness	Ratio	Type
QUAD	132	139	140	159	158	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	133	140	141	160	159	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	134	141	142	161	160	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	135	142	143	162	161	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	136	143	144	163	162	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	137	144	145	164	163	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	138	145	146	165	164	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	139	146	147	166	165	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	140	147	148	167	166	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	141	148	149	168	167	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	142	149	150	169	168	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	143	150	151	170	169	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	144	151	152	171	170	1	1.500E+00	2.760E+01		5.797E-01	M+B
QUAD	145	172	173	193	192	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	146	173	174	194	193	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	147	174	175	195	194	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	148	175	176	196	195	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	149	176	177	197	196	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	150	177	178	198	197	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	151	184	185	200	199	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	152	185	186	201	200	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	153	186	187	202	201	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	154	187	188	203	202	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	155	188	189	204	203	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	156	189	190	205	204	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	157	190	191	206	205	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	158	192	193	208	207	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	159	193	194	209	208	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	160	194	195	210	209	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	161	195	196	211	210	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	162	196	197	212	211	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	163	197	198	213	212	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	164	199	200	215	214	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	165	200	201	216	215	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	166	201	202	217	216	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	167	202	203	218	217	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	168	203	204	219	218	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	169	204	205	220	219	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	170	205	206	221	220	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	171	207	208	223	222	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	172	208	209	224	223	1	1.500E+00	9.000E+01		9.000E-01	M+B

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	173	209	210	225	224	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	174	210	211	226	225	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	175	211	212	227	226	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	176	212	213	228	227	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	177	214	215	230	229	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	178	215	216	231	230	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	179	216	217	232	231	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	180	217	218	233	232	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	181	218	219	234	233	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	182	219	220	235	234	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	183	220	221	236	235	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	184	222	223	238	237	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	185	223	224	239	238	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	186	224	225	240	239	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	187	225	226	241	240	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	188	226	227	242	241	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	189	227	228	243	242	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	190	229	230	245	244	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	191	230	231	246	245	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	192	231	232	247	246	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	193	232	233	248	247	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	194	233	234	249	248	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	195	234	235	250	249	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	196	235	236	251	250	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	197	237	238	253	252	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	198	238	239	254	253	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	199	239	240	255	254	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	200	240	241	256	255	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	201	241	242	257	256	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	202	242	243	258	257	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	203	244	245	260	259	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	204	245	246	261	260	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	205	246	247	262	261	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	206	247	248	263	262	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	207	248	249	264	263	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	208	249	250	265	264	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	209	250	251	266	265	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	210	252	253	268	267	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	211	253	254	269	268	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	212	254	255	270	269	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	213	255	256	271	270	1	1.500E+00	1.000E+02		1.000E+00	M+B

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Plate		Nodes				Mat			Shear Web	Aspect	Plate
	No.	I	J	K	L	No.	Thickness	Area	Thickness	Ratio	Type
QUAD	214	256	257	272	271	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	215	257	258	273	272	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	216	259	260	280	279	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	217	260	261	281	280	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	218	261	262	282	281	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	219	262	263	283	282	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	220	263	264	284	283	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	221	264	265	285	284	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	222	265	266	286	285	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	223	178	179	480	479	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	224	179	180	481	480	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	225	180	181	458	481	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	226	181	182	459	458	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	227	182	183	460	459	1	1.500E+00	4.810E+01		1.223E+00	M+B
( )	228	183	184	461	460	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	229	184	199	462	461	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	230	199	214	463	462	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	231	214	229	464	463	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	232	229	244	465	464	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	233	244	259	466	465	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	234	259	279	467	466	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	235	468	467	279	278	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	236	469	468	278	277	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	237	470	469	277	276	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	238	471	470	276	275	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	239	472	471	275	274	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	240	473	472	274	273	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	241	474	473	273	258	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	242	475	474	258	243	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	243	476	475	243	228	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	244	477	476	228	213	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	245	478	477	213	198	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	246	479	478	198	178	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	247	458	459	483	482	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	248	459	460	484	483	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	249	460	461	485	484	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	250	461	462	486	485	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	251	462	463	487	486	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	252	463	464	488	487	1	1.500E+00	4.876E+01		7.514E-01	M+B
( )	253	464	465	489	488	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	254	465	466	490	489	1	1.500E+00	4.876E+01		7.514E-01	M+B

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	255	466	467	491	490	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	256	467	468	492	491	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	257	468	469	493	492	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	258	469	470	494	493	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	259	470	471	495	494	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	260	471	472	496	495	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	261	472	473	497	496	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	262	473	474	498	497	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	263	474	475	499	498	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	264	475	476	500	499	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	265	476	477	501	500	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	266	477	478	502	501	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	267	478	479	503	502	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	268	479	480	504	503	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	269	480	481	505	504	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	270	481	458	482	505	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	271	287	288	307	306	1	1.500E+00	2.760E+01		5.797E-01	M+B
QUAD	272	288	289	308	307	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	273	289	290	309	308	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	274	290	291	310	309	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	275	291	292	311	310	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	276	292	293	312	311	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	277	293	294	313	312	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	278	294	295	314	313	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	279	295	296	315	314	1	1.500E+00	1.035E+02		2.174E+00	M+B
QUAD	280	296	297	316	315	1	1.500E+00	1.035E+02		2.174E+00	M+B
QUAD	281	297	298	317	316	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	282	298	299	318	317	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	283	299	300	319	318	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	284	300	301	320	319	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	285	301	302	321	320	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	286	302	303	322	321	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	287	303	304	323	322	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	288	304	305	324	323	1	1.500E+00	2.760E+01		5.797E-01	M+B
QUAD	289	306	307	326	325	1	1.500E+00	4.400E+01		3.636E-01	M+B
QUAD	290	307	308	327	326	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	291	308	309	328	327	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	292	309	310	329	328	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	293	310	311	330	329	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	294	311	312	331	330	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	295	312	313	332	331	1	1.500E+00	1.320E+02		1.091E+00	M+B

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Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	296	313	314	333	332	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	297	314	315	334	333	1	1.500E+00	1.650E+02		1.364E+00	M+B
QUAD	298	315	316	335	334	1	1.500E+00	1.650E+02		1.364E+00	M+B
QUAD	299	316	317	336	335	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	300	317	318	337	336	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	301	318	319	338	337	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	302	319	320	339	338	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	303	320	321	340	339	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	304	321	322	341	340	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	305	322	323	342	341	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	306	323	324	343	342	1	1.500E+00	4.400E+01		3.636E-01	M+B
QUAD	307	325	326	345	344	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	308	326	327	346	345	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	309	327	328	347	346	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	310	328	329	348	347	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	311	329	330	349	348	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	312	330	331	350	349	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	313	331	332	351	350	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	314	332	333	352	351	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	315	333	334	353	352	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	316	334	335	354	353	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	317	335	336	355	354	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	318	336	337	356	355	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	319	337	338	357	356	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	320	338	339	358	357	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	321	339	340	359	358	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	322	340	341	360	359	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	323	341	342	361	360	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	324	342	343	362	361	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	325	344	345	364	363	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	326	345	346	365	364	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	327	346	347	366	365	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	328	347	348	367	366	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	329	348	349	368	367	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	330	349	350	369	368	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	331	350	351	370	369	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	332	351	352	371	370	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	333	352	353	372	371	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	334	353	354	373	372	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	335	354	355	374	373	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	336	355	356	375	374	1	1.500E+00	1.440E+02		1.000E+00	M+B

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Plate No.		Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	337	356	357	376	375	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	338	357	358	377	376	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	339	358	359	378	377	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	340	359	360	379	378	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	341	360	361	380	379	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	342	361	362	381	380	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	343	363	364	383	382	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	344	364	365	384	383	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	345	365	366	385	384	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	346	366	367	386	385	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	347	367	368	387	386	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	348	368	369	388	387	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	349	369	370	389	388	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	350	370	371	390	389	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	351	371	372	391	390	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	352	372	373	392	391	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	353	373	374	393	392	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	354	374	375	394	393	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	355	375	376	395	394	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	356	376	377	396	395	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	357	377	378	397	396	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	358	378	379	398	397	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	359	379	380	399	398	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	360	380	381	400	399	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	361	382	383	402	401	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	362	383	384	403	402	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	363	384	385	404	403	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	364	385	386	405	404	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	365	386	387	406	405	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	366	387	388	407	406	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	367	388	389	408	407	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	368	389	390	409	408	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	369	390	391	410	409	1	1.500E+00	1.500E+02		1.500E+00	M+B
QUAD	370	391	392	411	410	1	1.500E+00	1.500E+02		1.500E+00	M+B
QUAD	371	392	393	412	411	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	372	393	394	413	412	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	373	394	395	414	413	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	374	395	396	415	414	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	375	396	397	416	415	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	376	397	398	417	416	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	377	398	399	418	417	1	1.500E+00	9.000E+01		9.000E-01	M+B

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Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	378	399	400	419	418	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	379	401	402	421	420	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	380	402	403	422	421	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	381	403	404	423	422	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	382	404	405	424	423	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	383	405	406	425	424	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	384	406	407	426	425	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	385	407	408	427	426	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	386	408	409	428	427	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	387	409	410	429	428	1	1.500E+00	1.500E+02		1.500E+00	M+B
QUAD	388	410	411	430	429	1	1.500E+00	1.500E+02		1.500E+00	M+B
QUAD	389	411	412	431	430	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	390	412	413	432	431	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	391	413	414	433	432	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	392	414	415	434	433	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	393	415	416	435	434	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	394	416	417	436	435	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	395	417	418	437	436	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	396	418	419	438	437	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	397	420	421	440	439	1	1.500E+00	1.600E+01		1.000E+00	M+B
QUAD	398	421	422	441	440	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	399	422	423	442	441	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	400	423	424	443	442	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	401	424	425	444	443	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	402	425	426	445	444	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	403	426	427	446	445	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	404	427	428	447	446	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	405	428	429	448	447	1	1.500E+00	6.000E+01		3.750E+00	M+B
QUAD	406	429	430	449	448	1	1.500E+00	6.000E+01		3.750E+00	M+B
QUAD	407	430	431	450	449	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	408	431	432	451	450	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	409	432	433	452	451	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	410	433	434	453	452	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	411	434	435	454	453	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	412	435	436	455	454	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	413	436	437	456	455	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	414	437	438	457	456	1	1.500E+00	1.600E+01		1.000E+00	M+B
QUAD	415	20	21	591	590	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	416	21	22	592	591	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	417	22	23	593	592	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	418	23	24	594	593	3	2.500E-01	7.000E+01		1.429E+00	M+B

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Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	419	24	25	595	594	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	420	25	26	596	595	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	421	26	27	597	596	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	422	27	28	598	597	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	423	28	29	599	598	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	424	29	30	600	599	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	425	30	31	601	600	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	426	31	32	602	601	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	427	32	33	603	602	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	428	33	34	604	603	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	429	34	35	605	604	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	430	35	36	606	605	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	431	36	37	607	606	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	432	37	38	608	607	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	433	134	135	508	507	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	434	135	136	509	508	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	435	136	137	510	509	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	436	137	138	511	510	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	437	138	139	512	511	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	438	139	140	513	512	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	439	140	141	514	513	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	440	141	142	515	514	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	441	142	143	516	515	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	442	143	144	517	516	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	443	144	145	518	517	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	444	145	146	519	518	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	445	146	147	520	519	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	446	147	148	521	520	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	447	148	149	522	521	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	448	149	150	523	522	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	449	150	151	524	523	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	450	151	152	525	524	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	451	172	173	529	528	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	452	173	174	530	529	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	453	174	175	531	530	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	454	175	176	532	531	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	455	176	177	533	532	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	456	177	178	534	533	3	2.500E-01	1.120E+02		2.286E+00	M+B
QUAD	457	178	179	535	534	3	2.500E-01	6.300E+01		1.273E+00	M+B
QUAD	458	179	180	536	535	3	2.500E-01	7.700E+01		1.556E+00	M+B
QUAD	459	180	181	537	536	3	2.500E-01	7.700E+01		1.556E+00	M+B

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Plate		Nodes				Mat			Shear Web	Aspect	Plate
	No.	I	J	K	L	No.	Thickness	Area	Thickness	Ratio	Type
QUAD	460	181	182	538	537	3	2.500E-01	7.700E+01		1.444E+00	M+B
TRI	461	182	183	538		3	2.500E-01	3.500E+01		1.414E+00	M+B
QUAD	462	183	184	539	538	3	2.500E-01	9.100E+01		1.707E+00	M+B
QUAD	463	184	185	540	539	3	2.500E-01	5.600E+01		1.143E+00	M+B
QUAD	464	185	186	541	540	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	465	186	187	542	541	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	466	187	188	543	542	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	467	188	189	544	543	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	468	189	190	545	544	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	469	190	191	546	545	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	470	267	268	550	549	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	471	268	269	551	550	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	472	269	270	552	551	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	473	270	271	553	552	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	474	271	272	554	553	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	475	272	273	555	554	3	2.500E-01	1.120E+02		2.286E+00	M+B
QUAD	476	273	274	556	555	3	2.500E-01	6.300E+01		1.273E+00	M+B
QUAD	477	274	275	557	556	3	2.500E-01	7.700E+01		1.556E+00	M+B
QUAD	478	275	276	558	557	3	2.500E-01	7.700E+01		1.556E+00	M+B
QUAD	479	276	277	559	558	3	2.500E-01	7.700E+01		1.444E+00	M+B
QUAD	480	277	278	560	559	3	2.500E-01	7.700E+01		1.279E+00	M+B
QUAD	481	278	279	561	560	3	2.500E-01	4.900E+01		9.191E-01	M+B
TRI	482	279	280	561		3	2.500E-01	2.800E+01		9.923E-01	M+B
QUAD	483	280	281	562	561	3	2.500E-01	1.120E+02		1.985E+00	M+B
QUAD	484	281	282	563	562	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	485	282	283	564	563	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	486	283	284	565	564	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	487	284	285	566	565	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	488	285	286	567	566	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	489	306	307	571	570	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	490	307	308	572	571	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	491	308	309	573	572	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	492	309	310	574	573	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	493	310	311	575	574	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	494	311	312	576	575	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	495	312	313	577	576	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	496	313	314	578	577	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	497	314	315	579	578	3	2.500E-01	1.050E+02		2.143E+00	M+B
QUAD	498	315	316	580	579	3	2.500E-01	1.050E+02		2.143E+00	M+B
QUAD	499	316	317	581	580	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	500	317	318	582	581	3	2.500E-01	8.400E+01		1.714E+00	M+B

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Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	501	318	319	583	582	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	502	319	320	584	583	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	503	320	321	585	584	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	504	321	322	586	585	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	505	322	323	587	586	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	506	323	324	588	587	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	507	420	421	610	609	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	508	421	422	611	610	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	509	422	423	612	611	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	510	423	424	613	612	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	511	424	425	614	613	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	512	425	426	615	614	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	513	426	427	616	615	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	514	427	428	617	616	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	515	428	429	618	617	3	2.500E-01	1.050E+02		2.143E+00	M+B
QUAD	516	429	430	619	618	3	2.500E-01	1.050E+02		2.143E+00	M+B
QUAD	517	430	431	620	619	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	518	431	432	621	620	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	519	432	433	622	621	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	520	433	434	623	622	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	521	434	435	624	623	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	522	435	436	625	624	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	523	436	437	626	625	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	524	437	438	627	626	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	525	58	59	688	718	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	526	59	60	719	688	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	527	60	61	720	719	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	528	61	62	630	720	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	529	72	73	721	642	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	530	73	74	722	721	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	531	74	75	703	722	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	532	75	76	723	703	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	533	382	383	700	726	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	534	383	384	727	700	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	535	384	385	728	727	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	536	385	386	662	728	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	537	396	397	729	683	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	538	397	398	730	729	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	539	398	399	715	730	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	540	399	400	731	715	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	541	21	40	687	591	3	2.500E-01	7.000E+01		1.429E+00	M+B

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	542	40	59	688	687	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	543	59	78	689	688	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	544	78	97	690	689	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	545	97	116	691	690	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	546	116	135	508	691	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	547	173	193	692	529	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	548	193	208	693	692	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	549	208	223	694	693	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	550	223	238	695	694	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	551	238	253	696	695	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	552	253	268	550	696	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	553	307	326	697	571	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	554	326	345	698	697	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	555	345	364	699	698	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	556	364	383	700	699	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	557	383	402	701	700	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	558	402	421	610	701	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	559	24	43	629	594	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	560	43	62	630	629	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	561	62	81	631	630	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	562	81	100	632	631	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	563	100	119	633	632	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	564	119	138	511	633	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	565	310	329	659	574	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	566	329	348	660	659	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	567	348	367	661	660	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	568	367	386	662	661	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	569	386	405	663	662	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	570	405	424	613	663	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	571	178	198	649	534	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	572	198	213	650	649	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	573	213	228	651	650	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	574	228	243	652	651	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	575	243	258	653	652	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	576	258	273	555	653	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	577	314	333	666	578	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	578	333	352	667	666	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	579	352	371	668	667	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	580	371	390	669	668	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	581	390	409	670	669	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	582	409	428	617	670	3	2.500E-01	7.000E+01		1.429E+00	M+B

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	583	428	447	671	617	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	584	10	29	599	634	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	585	29	48	635	599	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	586	48	67	636	635	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	587	67	86	637	636	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	588	86	105	638	637	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	589	105	124	639	638	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	590	124	143	516	639	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	591	316	335	673	580	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	592	335	354	674	673	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	593	354	373	675	674	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	594	373	392	676	675	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	595	392	411	677	676	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	596	411	430	619	677	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	597	430	449	678	619	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	598	184	199	654	539	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	599	199	214	655	654	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	600	214	229	656	655	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	601	229	244	657	656	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	602	244	259	658	657	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	603	259	279	561	658	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	604	15	34	604	640	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	605	34	53	641	604	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	606	53	72	642	641	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	607	72	91	643	642	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	608	91	110	644	643	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	609	110	129	645	644	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	610	129	148	521	645	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	611	320	339	680	584	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	612	339	358	681	680	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	613	358	377	682	681	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	614	377	396	683	682	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	615	396	415	684	683	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	616	415	434	623	684	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	617	434	453	685	623	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	618	37	56	702	607	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	619	56	75	703	702	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	620	75	94	704	703	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	621	94	113	705	704	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	622	113	132	706	705	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	623	132	151	524	706	3	2.500E-01	7.700E+01		1.571E+00	M+B

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	624	190	205	707	545	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	625	205	220	708	707	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	626	220	235	709	708	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	627	235	250	710	709	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	628	250	265	711	710	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	629	265	285	566	711	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	630	323	342	712	587	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	631	342	361	713	712	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	632	361	380	714	713	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	633	380	399	715	714	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	634	399	418	716	715	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	635	418	437	626	716	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	636	5	24	594	628	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	637	424	443	664	613	3	2.500E-01	2.800E+01		5.714E-01	M+B

SPRING ELEMENTS

Spring No	Nodes From/ To		Direction	Stiffness No.	Spring Type
1	508	NA	Y	1	NL G
2	524	NA	Y	1	NL G
3	529	NA	Y	1	NL G
4	545	NA	Y	1	NL G
5	550	NA	Y	1	NL G
6	566	NA	Y	1	NL G
7	571	NA	Y	1	NL G
8	587	NA	Y	1	NL G
9	590	NA	Y	1	NL G
10	591	NA	Y	1	NL G
11	592	NA	Y	1	NL G

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Spring No	Nodes From/ To		Direction	Stiffness No.	Spring Type
12	593	NA	Y	1	NL G
13	594	NA	Y	1	NL G
14	595	NA	Y	1	NL G
15	596	NA	Y	1	NL G
16	597	NA	Y	1	NL G
17	598	NA	Y	1	NL G
18	599	NA	Y	1	NL G
19	600	NA	Y	1	NL G
20	601	NA	Y	1	NL G
21	602	NA	Y	1	NL G
22	603	NA	Y	1	NL G
23	604	NA	Y	1	NL G
24	605	NA	Y	1	NL G
25	606	NA	Y	1	NL G
26	607	NA	Y	1	NL G
27	608	NA	Y	1	NL G
28	609	NA	Y	1	NL G
29	610	NA	Y	1	NL G
30	611	NA	Y	1	NL G
31	612	NA	Y	1	NL G
32	613	NA	Y	1	NL G
33	614	NA	Y	1	NL G
34	615	NA	Y	1	NL G
35	616	NA	Y	1	NL G
36	617	NA	Y	1	NL G
37	618	NA	Y	1	NL G
38	619	NA	Y	1	NL G
39	620	NA	Y	1	NL G
40	621	NA	Y	1	NL G
41	622	NA	Y	1	NL G
42	623	NA	Y	1	NL G
43	624	NA	Y	1	NL G
44	625	NA	Y	1	NL G
45	626	NA	Y	1	NL G
46	627	NA	Y	1	NL G
47	687	NA	Y	1	NL G
48	688	NA	Y	1	NL G
49	689	NA	Y	1	NL G
50	690	NA	Y	1	NL G
51	691	NA	Y	1	NL G
52	692	NA	Y	1	NL G

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Spring No	Nodes From/ To		Direction	Stiffness No.	Spring Type
53	693	NA	Y	1	NL G
54	694	NA	Y	1	NL G
55	695	NA	Y	1	NL G
56	696	NA	Y	1	NL G
57	697	NA	Y	1	NL G
58	698	NA	Y	1	NL G
59	699	NA	Y	1	NL G
60	700	NA	Y	1	NL G
61	701	NA	Y	1	NL G
62	702	NA	Y	1	NL G
63	703	NA	Y	1	NL G
64	704	NA	Y	1	NL G
65	705	NA	Y	1	NL G
66	706	NA	Y	1	NL G
67	707	NA	Y	1	NL G
68	708	NA	Y	1	NL G
69	709	NA	Y	1	NL G
70	710	NA	Y	1	NL G
71	711	NA	Y	1	NL G
72	712	NA	Y	1	NL G
73	713	NA	Y	1	NL G
74	714	NA	Y	1	NL G
75	715	NA	Y	1	NL G
76	716	NA	Y	1	NL G

RESTRAINTS

Node No	Global/Local	Restraint Directions
736	GLOBAL	- - Z - - -
737	GLOBAL	- - Z - - -
738	GLOBAL	- - Z - - -
739	GLOBAL	- - Z - - -
746	GLOBAL	X - - - - -
747	GLOBAL	X - - - - -
748	GLOBAL	X - - - - -
749	GLOBAL	X - - - - -
750	GLOBAL	X - - - - -
751	GLOBAL	X - - - - -

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SOLVE BEAM LOADS/STRESSES Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:DWT+LIVE+SEIS (X=-.608, Y=-1.405, Z=-.608)

MAXIMUM STRESS SUMMARY FOR BEAMS/TRUSSES
WITHIN SPECIFIED RANGE 1- 294

Maximum (absolute) Stress = .1474E+05 at BEAM 80

Beam	Axial	Y-Shear	Z-Shear	Torsion	Y-Bending	Z-Bending
80	-.5791E+02	.3385E+03	.1628E+04	.1559E+04	-.1457E+05	.1060E+03
	Maximum	Minimum	Cmb. Shear			
	.1462E+05	-.1474E+05	.7532E+04			

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SOLVE PLATE LOADS/STRESSES Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:DWT+LIVE+SEIS (X=-.608, Y=-1.405, Z=-.608)

MAXIMUM STRESS SUMMARY FOR PLATES
WITHIN SPECIFIED RANGE 1- 637

Maximum (absolute) Stress = .4692E+04 at Plate 504

Plate	Sigma X	Sigma Y	Tau XY	Von Mises
504	-.3972E+03	-.4412E+03	.2698E+04	.4692E+04

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SOLVE SPRING LOADS Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:DWT+LIVE+SEIS (X=-.608, Y=-1.405, Z=-.608)

SPRING LOADS

Type	Node	Fx	Fy	Fz	Mx	My	Mz
			GSPRG NO. 1				
GLoads	508	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 2				
GLoads	524	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 3				
GLoads	529	.0000E+00	-.1834E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 4				
GLoads	545	.0000E+00	-.5250E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 5				
GLoads	550	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 6				
GLoads	566	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 7				
oads	571	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 8				
GLoads	587	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 9				
GLoads	590	.0000E+00	-.4185E+02	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 10				
GLoads	591	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 11				
GLoads	592	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 12				
GLoads	593	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 13				
GLoads	594	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 14				
GLoads	595	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 15				
GLoads	596	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 16				
GLoads	597	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 17				
GLoads	598	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 18				
GLoads	599	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 19				
GLoads	600	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 20				
GLoads	601	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

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SOLVE SPRING LOADS Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:DWT+LIVE+SEIS (X=-.608, Y=-1.405, Z=-.608)

Type	Node	Fx	Fy	Fz	Mx	My	Mz
			GSPRG NO. 21				
GLoads	602	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 22				
GLoads	603	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 23				
GLoads	604	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 24				
GLoads	605	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 25				
GLoads	606	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 26				
GLoads	607	.0000E+00	-.1468E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 27				
GLoads	608	.0000E+00	-.2667E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 28				
oads	609	.0000E+00	-.1611E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 29				
GLoads	610	.0000E+00	-.1184E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 30				
GLoads	611	.0000E+00	-.1791E+02	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 31				
GLoads	612	.0000E+00	-.3294E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 32				
GLoads	613	.0000E+00	-.1337E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 33				
GLoads	614	.0000E+00	-.1848E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 34				
GLoads	615	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 35				
GLoads	616	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 36				
GLoads	617	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 37				
GLoads	618	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 38				
GLoads	619	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 39				
GLoads	620	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 40				
GLoads	621	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 41				
GLoads	622	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

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SOLVE SPRING LOADS Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:DWT+LIVE+SEIS (X=-.608, Y=-1.405, Z=-.608)

Type	Node	Fx	Fy	Fz	Mx	My	Mz
			GSPRG NO. 42				
GLoads	623	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 43				
GLoads	624	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 44				
GLoads	625	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 45				
GLoads	626	.0000E+00	-.3531E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 46				
GLoads	627	.0000E+00	-.4381E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 47				
GLoads	687	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 48				
GLoads	688	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 49				
oads	689	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 50				
GLoads	690	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 51				
GLoads	691	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 52				
GLoads	692	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 53				
GLoads	693	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 54				
GLoads	694	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 55				
GLoads	695	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 56				
GLoads	696	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 57				
GLoads	697	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 58				
GLoads	698	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 59				
GLoads	699	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 60				
GLoads	700	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 61				
GLoads	701	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 62				
oLoads	702	.0000E+00	-.6498E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00

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SOLVE SPRING LOADS Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:DWT+LIVE+SEIS (X=-.608, Y=-1.405, Z=-.608)

Type	Node	Fx	Fy	Fz	Mx	My	Mz
			GSPRG NO. 63				
GLoads	703	.0000E+00	-.2138E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 64				
GLoads	704	.0000E+00	-.3787E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 65				
GLoads	705	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 66				
GLoads	706	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 67				
GLoads	707	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 68				
GLoads	708	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 69				
GLoads	709	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 70				
oads	710	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 71				
GLoads	711	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 72				
GLoads	712	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 73				
GLoads	713	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 74				
GLoads	714	.0000E+00	-.3400E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 75				
GLoads	715	.0000E+00	-.2291E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 76				
GLoads	716	.0000E+00	-.7240E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00

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SOLVE REACTIONS Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:DWT+LIVE+SEIS (X=-.608, Y=-1.405, Z=-.608)

REACTIONS

Node	Fx	Fy	Fz	Mx	My	Mz
736	.0000E+00	.0000E+00	-.1083E+05	.0000E+00	.0000E+00	.0000E+00
737	.0000E+00	.0000E+00	-.2338E+04	.0000E+00	.0000E+00	.0000E+00
738	.0000E+00	.0000E+00	-.4418E+04	.0000E+00	.0000E+00	.0000E+00
739	.0000E+00	.0000E+00	-.9694E+04	.0000E+00	.0000E+00	.0000E+00
746	-.7321E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
747	-.3729E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
748	-.3771E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
749	-.1292E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
750	-.2509E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
751	-.8656E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/10/94 By M. B. Lasota
Checked 5/18/94 By George T. Dyrd
Revised N/A By N/A

Attachment 5.

Static Analysis, Load Case 3 - Run ID=OG28394.

Date: 04-18-1994; Time: 11:59:17

TOTAL 52 PAGES + 3 COVER SHTS.

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

MATERIAL PROPERTIES

Material No	Modulus of Elasticity	Weight Density	Coeff of Thermal Exp.	Poisson's Ratio	Shear Web Modulus
1	3.00000E+07	7.00200E-01	0.00000E+00	3.00E-01	1.12000E+07
2	1.00000E+09	1.00000E-09	0.00000E+00	3.00E-01	3.85000E+08
3	3.00000E+07	2.83000E-01	0.00000E+00	3.00E-01	1.12000E+07

NONLINEAT SPRING CONSTANTS

Spring Const.	S T I F F N E S S KT1	KC1	KT2	KC2	Limit Displacement Tension	Compression
1	1.000E+07	0.000E+00	1.000E+07	0.000E+00	0.000E+00	0.000E+00

NODE COORDINATES

Node	X-Coord.	Y-Coord.	Z-Coord.
1	0.00000E+00	0.00000E+00	0.00000E+00
2	4.00000E+00	0.00000E+00	0.00000E+00
3	1.30000E+01	0.00000E+00	0.00000E+00
4	2.30000E+01	0.00000E+00	0.00000E+00
5	3.30000E+01	0.00000E+00	0.00000E+00
6	4.50000E+01	0.00000E+00	0.00000E+00
7	5.70000E+01	0.00000E+00	0.00000E+00
8	6.90000E+01	0.00000E+00	0.00000E+00
9	8.10000E+01	0.00000E+00	0.00000E+00
10	9.30000E+01	0.00000E+00	0.00000E+00
11	1.05000E+02	0.00000E+00	0.00000E+00
12	1.17000E+02	0.00000E+00	0.00000E+00
13	1.29000E+02	0.00000E+00	0.00000E+00
14	1.41000E+02	0.00000E+00	0.00000E+00
15	1.53000E+02	0.00000E+00	0.00000E+00
16	1.63000E+02	0.00000E+00	0.00000E+00
17	1.73000E+02	0.00000E+00	0.00000E+00
18	1.82000E+02	0.00000E+00	0.00000E+00
19	1.86000E+02	0.00000E+00	0.00000E+00
20	0.00000E+00	0.00000E+00	4.00000E+00
21	4.00000E+00	0.00000E+00	4.00000E+00

IMAGES 3D

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
22	1.30000E+01	0.00000E+00	4.00000E+00
23	2.30000E+01	0.00000E+00	4.00000E+00
24	3.30000E+01	0.00000E+00	4.00000E+00
25	4.50000E+01	0.00000E+00	4.00000E+00
26	5.70000E+01	0.00000E+00	4.00000E+00
27	6.90000E+01	0.00000E+00	4.00000E+00
28	8.10000E+01	0.00000E+00	4.00000E+00
29	9.30000E+01	0.00000E+00	4.00000E+00
30	1.05000E+02	0.00000E+00	4.00000E+00
31	1.17000E+02	0.00000E+00	4.00000E+00
32	1.29000E+02	0.00000E+00	4.00000E+00
33	1.41000E+02	0.00000E+00	4.00000E+00
34	1.53000E+02	0.00000E+00	4.00000E+00
35	1.63000E+02	0.00000E+00	4.00000E+00
36	1.73000E+02	0.00000E+00	4.00000E+00
37	1.82000E+02	0.00000E+00	4.00000E+00
38	1.86000E+02	0.00000E+00	4.00000E+00
39	0.00000E+00	0.00000E+00	1.40000E+01
40	4.00000E+00	0.00000E+00	1.40000E+01
41	1.30000E+01	0.00000E+00	1.40000E+01
42	2.30000E+01	0.00000E+00	1.40000E+01
43	3.30000E+01	0.00000E+00	1.40000E+01
44	4.50000E+01	0.00000E+00	1.40000E+01
45	5.70000E+01	0.00000E+00	1.40000E+01
46	6.90000E+01	0.00000E+00	1.40000E+01
47	8.10000E+01	0.00000E+00	1.40000E+01
48	9.30000E+01	0.00000E+00	1.40000E+01
49	1.05000E+02	0.00000E+00	1.40000E+01
50	1.17000E+02	0.00000E+00	1.40000E+01
51	1.29000E+02	0.00000E+00	1.40000E+01
52	1.41000E+02	0.00000E+00	1.40000E+01
53	1.53000E+02	0.00000E+00	1.40000E+01
54	1.63000E+02	0.00000E+00	1.40000E+01
55	1.73000E+02	0.00000E+00	1.40000E+01
56	1.82000E+02	0.00000E+00	1.40000E+01
57	1.86000E+02	0.00000E+00	1.40000E+01
58	0.00000E+00	0.00000E+00	2.40000E+01
59	4.00000E+00	0.00000E+00	2.40000E+01
60	1.30000E+01	0.00000E+00	2.40000E+01
61	2.30000E+01	0.00000E+00	2.40000E+01
62	3.30000E+01	0.00000E+00	2.40000E+01
63	4.50000E+01	0.00000E+00	2.40000E+01

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Node	X-Coord.	Y-Coord.	Z-Coord.
64	5.70000E+01	0.00000E+00	2.40000E+01
65	6.90000E+01	0.00000E+00	2.40000E+01
66	8.10000E+01	0.00000E+00	2.40000E+01
67	9.30000E+01	0.00000E+00	2.40000E+01
68	1.05000E+02	0.00000E+00	2.40000E+01
69	1.17000E+02	0.00000E+00	2.40000E+01
70	1.29000E+02	0.00000E+00	2.40000E+01
71	1.41000E+02	0.00000E+00	2.40000E+01
72	1.53000E+02	0.00000E+00	2.40000E+01
73	1.63000E+02	0.00000E+00	2.40000E+01
74	1.73000E+02	0.00000E+00	2.40000E+01
75	1.82000E+02	0.00000E+00	2.40000E+01
76	1.86000E+02	0.00000E+00	2.40000E+01
77	0.00000E+00	0.00000E+00	3.60000E+01
78	4.00000E+00	0.00000E+00	3.60000E+01
79	1.30000E+01	0.00000E+00	3.60000E+01
80	2.30000E+01	0.00000E+00	3.60000E+01
81	3.30000E+01	0.00000E+00	3.60000E+01
82	4.50000E+01	0.00000E+00	3.60000E+01
83	5.70000E+01	0.00000E+00	3.60000E+01
84	6.90000E+01	0.00000E+00	3.60000E+01
85	8.10000E+01	0.00000E+00	3.60000E+01
86	9.30000E+01	0.00000E+00	3.60000E+01
87	1.05000E+02	0.00000E+00	3.60000E+01
88	1.17000E+02	0.00000E+00	3.60000E+01
89	1.29000E+02	0.00000E+00	3.60000E+01
90	1.41000E+02	0.00000E+00	3.60000E+01
91	1.53000E+02	0.00000E+00	3.60000E+01
92	1.63000E+02	0.00000E+00	3.60000E+01
93	1.73000E+02	0.00000E+00	3.60000E+01
94	1.82000E+02	0.00000E+00	3.60000E+01
95	1.86000E+02	0.00000E+00	3.60000E+01
96	0.00000E+00	0.00000E+00	4.80000E+01
97	4.00000E+00	0.00000E+00	4.80000E+01
98	1.30000E+01	0.00000E+00	4.80000E+01
99	2.30000E+01	0.00000E+00	4.80000E+01
100	3.30000E+01	0.00000E+00	4.80000E+01
101	4.50000E+01	0.00000E+00	4.80000E+01
102	5.70000E+01	0.00000E+00	4.80000E+01
103	6.90000E+01	0.00000E+00	4.80000E+01
104	8.10000E+01	0.00000E+00	4.80000E+01
105	9.30000E+01	0.00000E+00	4.80000E+01

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
106	1.05000E+02	0.00000E+00	4.80000E+01
107	1.17000E+02	0.00000E+00	4.80000E+01
108	1.29000E+02	0.00000E+00	4.80000E+01
109	1.41000E+02	0.00000E+00	4.80000E+01
110	1.53000E+02	0.00000E+00	4.80000E+01
111	1.63000E+02	0.00000E+00	4.80000E+01
112	1.73000E+02	0.00000E+00	4.80000E+01
113	1.82000E+02	0.00000E+00	4.80000E+01
114	1.86000E+02	0.00000E+00	4.80000E+01
115	0.00000E+00	0.00000E+00	6.00000E+01
116	4.00000E+00	0.00000E+00	6.00000E+01
117	1.30000E+01	0.00000E+00	6.00000E+01
118	2.30000E+01	0.00000E+00	6.00000E+01
119	3.30000E+01	0.00000E+00	6.00000E+01
120	4.50000E+01	0.00000E+00	6.00000E+01
121	5.70000E+01	0.00000E+00	6.00000E+01
122	6.90000E+01	0.00000E+00	6.00000E+01
123	8.10000E+01	0.00000E+00	6.00000E+01
124	9.30000E+01	0.00000E+00	6.00000E+01
125	1.05000E+02	0.00000E+00	6.00000E+01
126	1.17000E+02	0.00000E+00	6.00000E+01
127	1.29000E+02	0.00000E+00	6.00000E+01
128	1.41000E+02	0.00000E+00	6.00000E+01
129	1.53000E+02	0.00000E+00	6.00000E+01
130	1.63000E+02	0.00000E+00	6.00000E+01
131	1.73000E+02	0.00000E+00	6.00000E+01
132	1.82000E+02	0.00000E+00	6.00000E+01
133	1.86000E+02	0.00000E+00	6.00000E+01
134	0.00000E+00	0.00000E+00	7.10000E+01
135	4.00000E+00	0.00000E+00	7.10000E+01
136	1.30000E+01	0.00000E+00	7.10000E+01
137	2.30000E+01	0.00000E+00	7.10000E+01
138	3.30000E+01	0.00000E+00	7.10000E+01
139	4.50000E+01	0.00000E+00	7.10000E+01
140	5.70000E+01	0.00000E+00	7.10000E+01
141	6.90000E+01	0.00000E+00	7.10000E+01
142	8.10000E+01	0.00000E+00	7.10000E+01
143	9.30000E+01	0.00000E+00	7.10000E+01
144	1.05000E+02	0.00000E+00	7.10000E+01
145	1.17000E+02	0.00000E+00	7.10000E+01
146	1.29000E+02	0.00000E+00	7.10000E+01
147	1.41000E+02	0.00000E+00	7.10000E+01

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
148	1.53000E+02	0.00000E+00	7.10000E+01
149	1.63000E+02	0.00000E+00	7.10000E+01
150	1.73000E+02	0.00000E+00	7.10000E+01
151	1.82000E+02	0.00000E+00	7.10000E+01
152	1.86000E+02	0.00000E+00	7.10000E+01
153	0.00000E+00	0.00000E+00	7.79000E+01
154	4.00000E+00	0.00000E+00	7.79000E+01
155	1.30000E+01	0.00000E+00	7.79000E+01
156	2.30000E+01	0.00000E+00	7.79000E+01
157	3.30000E+01	0.00000E+00	7.79000E+01
158	4.50000E+01	0.00000E+00	7.79000E+01
159	5.70000E+01	0.00000E+00	7.79000E+01
160	6.90000E+01	0.00000E+00	7.79000E+01
161	8.10000E+01	0.00000E+00	7.79000E+01
162	9.30000E+01	0.00000E+00	7.79000E+01
163	1.05000E+02	0.00000E+00	7.79000E+01
164	1.17000E+02	0.00000E+00	7.79000E+01
165	1.29000E+02	0.00000E+00	7.79000E+01
166	1.41000E+02	0.00000E+00	7.79000E+01
167	1.53000E+02	0.00000E+00	7.79000E+01
168	1.63000E+02	0.00000E+00	7.79000E+01
169	1.73000E+02	0.00000E+00	7.79000E+01
170	1.82000E+02	0.00000E+00	7.79000E+01
171	1.86000E+02	0.00000E+00	7.79000E+01
172	0.00000E+00	0.00000E+00	7.80000E+01
173	4.00000E+00	0.00000E+00	7.80000E+01
174	1.30000E+01	0.00000E+00	7.80000E+01
175	2.30000E+01	0.00000E+00	7.80000E+01
176	3.30000E+01	0.00000E+00	7.80000E+01
177	4.50000E+01	0.00000E+00	7.80000E+01
178	6.10000E+01	0.00000E+00	7.80000E+01
179	7.10000E+01	0.00000E+00	7.80000E+01
180	8.10000E+01	0.00000E+00	7.80000E+01
181	9.10000E+01	0.00000E+00	7.80000E+01
182	1.01000E+02	0.00000E+00	7.80000E+01
183	1.11000E+02	0.00000E+00	7.80000E+01
184	1.21000E+02	0.00000E+00	7.80000E+01
185	1.29000E+02	0.00000E+00	7.80000E+01
186	1.41000E+02	0.00000E+00	7.80000E+01
187	1.53000E+02	0.00000E+00	7.80000E+01
188	1.63000E+02	0.00000E+00	7.80000E+01
189	1.73000E+02	0.00000E+00	7.80000E+01

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
190	1.82000E+02	0.00000E+00	7.80000E+01
191	1.86000E+02	0.00000E+00	7.80000E+01
192	0.00000E+00	0.00000E+00	8.80000E+01
193	4.00000E+00	0.00000E+00	8.80000E+01
194	1.30000E+01	0.00000E+00	8.80000E+01
195	2.30000E+01	0.00000E+00	8.80000E+01
196	3.30000E+01	0.00000E+00	8.80000E+01
197	4.50000E+01	0.00000E+00	8.80000E+01
198	6.10000E+01	0.00000E+00	8.80000E+01
199	1.21000E+02	0.00000E+00	8.80000E+01
200	1.29000E+02	0.00000E+00	8.80000E+01
201	1.41000E+02	0.00000E+00	8.80000E+01
202	1.53000E+02	0.00000E+00	8.80000E+01
203	1.63000E+02	0.00000E+00	8.80000E+01
204	1.73000E+02	0.00000E+00	8.80000E+01
205	1.82000E+02	0.00000E+00	8.80000E+01
206	1.86000E+02	0.00000E+00	8.80000E+01
207	0.00000E+00	0.00000E+00	9.80000E+01
208	4.00000E+00	0.00000E+00	9.80000E+01
209	1.30000E+01	0.00000E+00	9.80000E+01
210	2.30000E+01	0.00000E+00	9.80000E+01
211	3.30000E+01	0.00000E+00	9.80000E+01
212	4.50000E+01	0.00000E+00	9.80000E+01
213	6.10000E+01	0.00000E+00	9.80000E+01
214	1.21000E+02	0.00000E+00	9.80000E+01
215	1.29000E+02	0.00000E+00	9.80000E+01
216	1.41000E+02	0.00000E+00	9.80000E+01
217	1.53000E+02	0.00000E+00	9.80000E+01
218	1.63000E+02	0.00000E+00	9.80000E+01
219	1.73000E+02	0.00000E+00	9.80000E+01
220	1.82000E+02	0.00000E+00	9.80000E+01
221	1.86000E+02	0.00000E+00	9.80000E+01
222	0.00000E+00	0.00000E+00	1.08000E+02
223	4.00000E+00	0.00000E+00	1.08000E+02
224	1.30000E+01	0.00000E+00	1.08000E+02
225	2.30000E+01	0.00000E+00	1.08000E+02
226	3.30000E+01	0.00000E+00	1.08000E+02
227	4.50000E+01	0.00000E+00	1.08000E+02
228	6.10000E+01	0.00000E+00	1.08000E+02
229	1.21000E+02	0.00000E+00	1.08000E+02
230	1.29000E+02	0.00000E+00	1.08000E+02
231	1.41000E+02	0.00000E+00	1.08000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
232	1.53000E+02	0.00000E+00	1.08000E+02
233	1.63000E+02	0.00000E+00	1.08000E+02
234	1.73000E+02	0.00000E+00	1.08000E+02
235	1.82000E+02	0.00000E+00	1.08000E+02
236	1.86000E+02	0.00000E+00	1.08000E+02
237	0.00000E+00	0.00000E+00	1.18000E+02
238	4.00000E+00	0.00000E+00	1.18000E+02
239	1.30000E+01	0.00000E+00	1.18000E+02
240	2.30000E+01	0.00000E+00	1.18000E+02
241	3.30000E+01	0.00000E+00	1.18000E+02
242	4.50000E+01	0.00000E+00	1.18000E+02
243	6.10000E+01	0.00000E+00	1.18000E+02
244	1.21000E+02	0.00000E+00	1.18000E+02
245	1.29000E+02	0.00000E+00	1.18000E+02
246	1.41000E+02	0.00000E+00	1.18000E+02
247	1.53000E+02	0.00000E+00	1.18000E+02
248	1.63000E+02	0.00000E+00	1.18000E+02
249	1.73000E+02	0.00000E+00	1.18000E+02
250	1.82000E+02	0.00000E+00	1.18000E+02
251	1.86000E+02	0.00000E+00	1.18000E+02
252	0.00000E+00	0.00000E+00	1.28000E+02
253	4.00000E+00	0.00000E+00	1.28000E+02
254	1.30000E+01	0.00000E+00	1.28000E+02
255	2.30000E+01	0.00000E+00	1.28000E+02
256	3.30000E+01	0.00000E+00	1.28000E+02
257	4.50000E+01	0.00000E+00	1.28000E+02
258	6.10000E+01	0.00000E+00	1.28000E+02
259	1.21000E+02	0.00000E+00	1.28000E+02
260	1.29000E+02	0.00000E+00	1.28000E+02
261	1.41000E+02	0.00000E+00	1.28000E+02
262	1.53000E+02	0.00000E+00	1.28000E+02
263	1.63000E+02	0.00000E+00	1.28000E+02
264	1.73000E+02	0.00000E+00	1.28000E+02
265	1.82000E+02	0.00000E+00	1.28000E+02
266	1.86000E+02	0.00000E+00	1.28000E+02
267	0.00000E+00	0.00000E+00	1.38000E+02
268	4.00000E+00	0.00000E+00	1.38000E+02
269	1.30000E+01	0.00000E+00	1.38000E+02
270	2.30000E+01	0.00000E+00	1.38000E+02
271	3.30000E+01	0.00000E+00	1.38000E+02
272	4.50000E+01	0.00000E+00	1.38000E+02
273	6.10000E+01	0.00000E+00	1.38000E+02

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Node	X-Coord.	Y-Coord.	Z-Coord.
274	7.10000E+01	0.00000E+00	1.38000E+02
275	8.10000E+01	0.00000E+00	1.38000E+02
276	9.10000E+01	0.00000E+00	1.38000E+02
277	1.01000E+02	0.00000E+00	1.38000E+02
278	1.11000E+02	0.00000E+00	1.38000E+02
279	1.21000E+02	0.00000E+00	1.38000E+02
280	1.29000E+02	0.00000E+00	1.38000E+02
281	1.41000E+02	0.00000E+00	1.38000E+02
282	1.53000E+02	0.00000E+00	1.38000E+02
283	1.63000E+02	0.00000E+00	1.38000E+02
284	1.73000E+02	0.00000E+00	1.38000E+02
285	1.82000E+02	0.00000E+00	1.38000E+02
286	1.86000E+02	0.00000E+00	1.38000E+02
287	0.00000E+00	0.00000E+00	1.38100E+02
288	4.00000E+00	0.00000E+00	1.38100E+02
289	1.30000E+01	0.00000E+00	1.38100E+02
290	2.30000E+01	0.00000E+00	1.38100E+02
291	3.30000E+01	0.00000E+00	1.38100E+02
292	4.50000E+01	0.00000E+00	1.38100E+02
293	5.70000E+01	0.00000E+00	1.38100E+02
294	6.90000E+01	0.00000E+00	1.38100E+02
295	7.80000E+01	0.00000E+00	1.38100E+02
296	9.30000E+01	0.00000E+00	1.38100E+02
297	1.08000E+02	0.00000E+00	1.38100E+02
298	1.17000E+02	0.00000E+00	1.38100E+02
299	1.29000E+02	0.00000E+00	1.38100E+02
300	1.41000E+02	0.00000E+00	1.38100E+02
301	1.53000E+02	0.00000E+00	1.38100E+02
302	1.63000E+02	0.00000E+00	1.38100E+02
303	1.73000E+02	0.00000E+00	1.38100E+02
304	1.82000E+02	0.00000E+00	1.38100E+02
305	1.86000E+02	0.00000E+00	1.38100E+02
306	0.00000E+00	0.00000E+00	1.45000E+02
307	4.00000E+00	0.00000E+00	1.45000E+02
308	1.30000E+01	0.00000E+00	1.45000E+02
309	2.30000E+01	0.00000E+00	1.45000E+02
310	3.30000E+01	0.00000E+00	1.45000E+02
311	4.50000E+01	0.00000E+00	1.45000E+02
312	5.70000E+01	0.00000E+00	1.45000E+02
313	6.90000E+01	0.00000E+00	1.45000E+02
314	7.80000E+01	0.00000E+00	1.45000E+02
315	9.30000E+01	0.00000E+00	1.45000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
316	1.08000E+02	0.00000E+00	1.45000E+02
317	1.17000E+02	0.00000E+00	1.45000E+02
318	1.29000E+02	0.00000E+00	1.45000E+02
319	1.41000E+02	0.00000E+00	1.45000E+02
320	1.53000E+02	0.00000E+00	1.45000E+02
321	1.63000E+02	0.00000E+00	1.45000E+02
322	1.73000E+02	0.00000E+00	1.45000E+02
323	1.82000E+02	0.00000E+00	1.45000E+02
324	1.86000E+02	0.00000E+00	1.45000E+02
325	0.00000E+00	0.00000E+00	1.56000E+02
326	4.00000E+00	0.00000E+00	1.56000E+02
327	1.30000E+01	0.00000E+00	1.56000E+02
328	2.30000E+01	0.00000E+00	1.56000E+02
329	3.30000E+01	0.00000E+00	1.56000E+02
330	4.50000E+01	0.00000E+00	1.56000E+02
331	5.70000E+01	0.00000E+00	1.56000E+02
332	6.90000E+01	0.00000E+00	1.56000E+02
333	7.80000E+01	0.00000E+00	1.56000E+02
334	9.30000E+01	0.00000E+00	1.56000E+02
335	1.08000E+02	0.00000E+00	1.56000E+02
336	1.17000E+02	0.00000E+00	1.56000E+02
337	1.29000E+02	0.00000E+00	1.56000E+02
338	1.41000E+02	0.00000E+00	1.56000E+02
339	1.53000E+02	0.00000E+00	1.56000E+02
340	1.63000E+02	0.00000E+00	1.56000E+02
341	1.73000E+02	0.00000E+00	1.56000E+02
342	1.82000E+02	0.00000E+00	1.56000E+02
343	1.86000E+02	0.00000E+00	1.56000E+02
344	0.00000E+00	0.00000E+00	1.68000E+02
345	4.00000E+00	0.00000E+00	1.68000E+02
346	1.30000E+01	0.00000E+00	1.68000E+02
347	2.30000E+01	0.00000E+00	1.68000E+02
348	3.30000E+01	0.00000E+00	1.68000E+02
349	4.50000E+01	0.00000E+00	1.68000E+02
350	5.70000E+01	0.00000E+00	1.68000E+02
351	6.90000E+01	0.00000E+00	1.68000E+02
352	7.80000E+01	0.00000E+00	1.68000E+02
353	9.30000E+01	0.00000E+00	1.68000E+02
354	1.08000E+02	0.00000E+00	1.68000E+02
355	1.17000E+02	0.00000E+00	1.68000E+02
356	1.29000E+02	0.00000E+00	1.68000E+02
357	1.41000E+02	0.00000E+00	1.68000E+02

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Node	X-Coord.	Y-Coord.	Z-Coord.
358	1.53000E+02	0.00000E+00	1.68000E+02
359	1.63000E+02	0.00000E+00	1.68000E+02
360	1.73000E+02	0.00000E+00	1.68000E+02
361	1.82000E+02	0.00000E+00	1.68000E+02
362	1.86000E+02	0.00000E+00	1.68000E+02
363	0.00000E+00	0.00000E+00	1.80000E+02
364	4.00000E+00	0.00000E+00	1.80000E+02
365	1.30000E+01	0.00000E+00	1.80000E+02
366	2.30000E+01	0.00000E+00	1.80000E+02
367	3.30000E+01	0.00000E+00	1.80000E+02
368	4.50000E+01	0.00000E+00	1.80000E+02
369	5.70000E+01	0.00000E+00	1.80000E+02
370	6.90000E+01	0.00000E+00	1.80000E+02
371	7.80000E+01	0.00000E+00	1.80000E+02
372	9.30000E+01	0.00000E+00	1.80000E+02
373	1.08000E+02	0.00000E+00	1.80000E+02
374	1.17000E+02	0.00000E+00	1.80000E+02
375	1.29000E+02	0.00000E+00	1.80000E+02
376	1.41000E+02	0.00000E+00	1.80000E+02
377	1.53000E+02	0.00000E+00	1.80000E+02
378	1.63000E+02	0.00000E+00	1.80000E+02
379	1.73000E+02	0.00000E+00	1.80000E+02
380	1.82000E+02	0.00000E+00	1.80000E+02
381	1.86000E+02	0.00000E+00	1.80000E+02
382	0.00000E+00	0.00000E+00	1.92000E+02
383	4.00000E+00	0.00000E+00	1.92000E+02
384	1.30000E+01	0.00000E+00	1.92000E+02
385	2.30000E+01	0.00000E+00	1.92000E+02
386	3.30000E+01	0.00000E+00	1.92000E+02
387	4.50000E+01	0.00000E+00	1.92000E+02
388	5.70000E+01	0.00000E+00	1.92000E+02
389	6.90000E+01	0.00000E+00	1.92000E+02
390	7.80000E+01	0.00000E+00	1.92000E+02
391	9.30000E+01	0.00000E+00	1.92000E+02
392	1.08000E+02	0.00000E+00	1.92000E+02
393	1.17000E+02	0.00000E+00	1.92000E+02
394	1.29000E+02	0.00000E+00	1.92000E+02
395	1.41000E+02	0.00000E+00	1.92000E+02
396	1.53000E+02	0.00000E+00	1.92000E+02
397	1.63000E+02	0.00000E+00	1.92000E+02
398	1.73000E+02	0.00000E+00	1.92000E+02
399	1.82000E+02	0.00000E+00	1.92000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
400	1.86000E+02	0.00000E+00	1.92000E+02
401	0.00000E+00	0.00000E+00	2.02000E+02
402	4.00000E+00	0.00000E+00	2.02000E+02
403	1.30000E+01	0.00000E+00	2.02000E+02
404	2.30000E+01	0.00000E+00	2.02000E+02
405	3.30000E+01	0.00000E+00	2.02000E+02
406	4.50000E+01	0.00000E+00	2.02000E+02
407	5.70000E+01	0.00000E+00	2.02000E+02
408	6.90000E+01	0.00000E+00	2.02000E+02
409	7.80000E+01	0.00000E+00	2.02000E+02
410	9.30000E+01	0.00000E+00	2.02000E+02
411	1.08000E+02	0.00000E+00	2.02000E+02
412	1.17000E+02	0.00000E+00	2.02000E+02
413	1.29000E+02	0.00000E+00	2.02000E+02
414	1.41000E+02	0.00000E+00	2.02000E+02
415	1.53000E+02	0.00000E+00	2.02000E+02
416	1.63000E+02	0.00000E+00	2.02000E+02
417	1.73000E+02	0.00000E+00	2.02000E+02
418	1.82000E+02	0.00000E+00	2.02000E+02
419	1.86000E+02	0.00000E+00	2.02000E+02
420	0.00000E+00	0.00000E+00	2.12000E+02
421	4.00000E+00	0.00000E+00	2.12000E+02
422	1.30000E+01	0.00000E+00	2.12000E+02
423	2.30000E+01	0.00000E+00	2.12000E+02
424	3.30000E+01	0.00000E+00	2.12000E+02
425	4.50000E+01	0.00000E+00	2.12000E+02
426	5.70000E+01	0.00000E+00	2.12000E+02
427	6.90000E+01	0.00000E+00	2.12000E+02
428	7.80000E+01	0.00000E+00	2.12000E+02
429	9.30000E+01	0.00000E+00	2.12000E+02
430	1.08000E+02	0.00000E+00	2.12000E+02
431	1.17000E+02	0.00000E+00	2.12000E+02
432	1.29000E+02	0.00000E+00	2.12000E+02
433	1.41000E+02	0.00000E+00	2.12000E+02
434	1.53000E+02	0.00000E+00	2.12000E+02
435	1.63000E+02	0.00000E+00	2.12000E+02
436	1.73000E+02	0.00000E+00	2.12000E+02
437	1.82000E+02	0.00000E+00	2.12000E+02
438	1.86000E+02	0.00000E+00	2.12000E+02
439	0.00000E+00	0.00000E+00	2.16000E+02
440	4.00000E+00	0.00000E+00	2.16000E+02
441	1.30000E+01	0.00000E+00	2.16000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
442	2.30000E+01	0.00000E+00	2.16000E+02
443	3.30000E+01	0.00000E+00	2.16000E+02
444	4.50000E+01	0.00000E+00	2.16000E+02
445	5.70000E+01	0.00000E+00	2.16000E+02
446	6.90000E+01	0.00000E+00	2.16000E+02
447	7.80000E+01	0.00000E+00	2.16000E+02
448	9.30000E+01	0.00000E+00	2.16000E+02
449	1.08000E+02	0.00000E+00	2.16000E+02
450	1.17000E+02	0.00000E+00	2.16000E+02
451	1.29000E+02	0.00000E+00	2.16000E+02
452	1.41000E+02	0.00000E+00	2.16000E+02
453	1.53000E+02	0.00000E+00	2.16000E+02
454	1.63000E+02	0.00000E+00	2.16000E+02
455	1.73000E+02	0.00000E+00	2.16000E+02
456	1.82000E+02	0.00000E+00	2.16000E+02
457	1.86000E+02	0.00000E+00	2.16000E+02
458	9.10000E+01	0.00000E+00	8.07500E+01
459	9.80528E+01	0.00000E+00	8.16785E+01
460	1.04625E+02	0.00000E+00	8.44008E+01
461	1.10269E+02	0.00000E+00	8.87314E+01
462	1.14599E+02	0.00000E+00	9.43750E+01
463	1.17322E+02	0.00000E+00	1.00947E+02
464	1.18250E+02	0.00000E+00	1.08000E+02
465	1.17322E+02	0.00000E+00	1.15053E+02
466	1.14599E+02	0.00000E+00	1.21625E+02
467	1.10269E+02	0.00000E+00	1.27269E+02
468	1.04625E+02	0.00000E+00	1.31599E+02
469	9.80528E+01	0.00000E+00	1.34322E+02
470	9.10000E+01	0.00000E+00	1.35250E+02
471	8.39472E+01	0.00000E+00	1.34322E+02
472	7.73750E+01	0.00000E+00	1.31599E+02
473	7.17314E+01	0.00000E+00	1.27269E+02
474	6.74008E+01	0.00000E+00	1.21625E+02
475	6.46785E+01	0.00000E+00	1.15053E+02
476	6.37500E+01	0.00000E+00	1.08000E+02
477	6.46785E+01	0.00000E+00	1.00947E+02
478	6.74008E+01	0.00000E+00	9.43750E+01
479	7.17314E+01	0.00000E+00	8.87314E+01
480	7.73750E+01	0.00000E+00	8.44008E+01
481	8.39472E+01	0.00000E+00	8.16785E+01
482	9.10000E+01	0.00000E+00	8.88750E+01
483	9.59499E+01	0.00000E+00	8.95267E+01

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
484	1.00563E+02	0.00000E+00	9.14373E+01
485	1.04523E+02	0.00000E+00	9.44766E+01
486	1.07563E+02	0.00000E+00	9.84375E+01
487	1.09473E+02	0.00000E+00	1.03050E+02
488	1.10125E+02	0.00000E+00	1.08000E+02
489	1.09473E+02	0.00000E+00	1.12950E+02
490	1.07563E+02	0.00000E+00	1.17563E+02
491	1.04523E+02	0.00000E+00	1.21523E+02
492	1.00563E+02	0.00000E+00	1.24563E+02
493	9.59499E+01	0.00000E+00	1.26473E+02
494	9.10000E+01	0.00000E+00	1.27125E+02
495	8.60501E+01	0.00000E+00	1.26473E+02
496	8.14375E+01	0.00000E+00	1.24563E+02
497	7.74766E+01	0.00000E+00	1.21523E+02
498	7.44373E+01	0.00000E+00	1.17563E+02
499	7.25267E+01	0.00000E+00	1.12950E+02
500	7.18750E+01	0.00000E+00	1.08000E+02
501	7.25267E+01	0.00000E+00	1.03050E+02
502	7.44373E+01	0.00000E+00	9.84375E+01
503	7.74766E+01	0.00000E+00	9.44766E+01
504	8.14375E+01	0.00000E+00	9.14373E+01
505	8.60501E+01	0.00000E+00	8.95267E+01
506	-4.60000E+00	-7.00000E+00	7.10000E+01
507	0.00000E+00	-7.00000E+00	7.10000E+01
508	4.00000E+00	-7.00000E+00	7.10000E+01
509	1.30000E+01	-7.00000E+00	7.10000E+01
510	2.30000E+01	-7.00000E+00	7.10000E+01
511	3.30000E+01	-7.00000E+00	7.10000E+01
512	4.50000E+01	-7.00000E+00	7.10000E+01
513	5.70000E+01	-7.00000E+00	7.10000E+01
514	6.90000E+01	-7.00000E+00	7.10000E+01
515	8.10000E+01	-7.00000E+00	7.10000E+01
516	9.30000E+01	-7.00000E+00	7.10000E+01
517	1.05000E+02	-7.00000E+00	7.10000E+01
518	1.17000E+02	-7.00000E+00	7.10000E+01
519	1.29000E+02	-7.00000E+00	7.10000E+01
520	1.41000E+02	-7.00000E+00	7.10000E+01
521	1.53000E+02	-7.00000E+00	7.10000E+01
522	1.63000E+02	-7.00000E+00	7.10000E+01
523	1.73000E+02	-7.00000E+00	7.10000E+01
524	1.82000E+02	-7.00000E+00	7.10000E+01
525	1.86000E+02	-7.00000E+00	7.10000E+01

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
526	1.90600E+02	-7.00000E+00	7.10000E+01
527	-4.60000E+00	-7.00000E+00	7.80000E+01
528	0.00000E+00	-7.00000E+00	7.80000E+01
529	4.00000E+00	-7.00000E+00	7.80000E+01
530	1.30000E+01	-7.00000E+00	7.80000E+01
531	2.30000E+01	-7.00000E+00	7.80000E+01
532	3.30000E+01	-7.00000E+00	7.80000E+01
533	4.50000E+01	-7.00000E+00	7.80000E+01
534	6.10000E+01	-7.00000E+00	7.80000E+01
535	6.90000E+01	-7.00000E+00	7.80000E+01
536	8.10000E+01	-7.00000E+00	7.80000E+01
537	9.30000E+01	-7.00000E+00	7.80000E+01
538	1.05000E+02	-7.00000E+00	7.80000E+01
539	1.21000E+02	-7.00000E+00	7.80000E+01
540	1.29000E+02	-7.00000E+00	7.80000E+01
541	1.41000E+02	-7.00000E+00	7.80000E+01
542	1.53000E+02	-7.00000E+00	7.80000E+01
543	1.63000E+02	-7.00000E+00	7.80000E+01
544	1.73000E+02	-7.00000E+00	7.80000E+01
545	1.82000E+02	-7.00000E+00	7.80000E+01
546	1.86000E+02	-7.00000E+00	7.80000E+01
547	1.90600E+02	-7.00000E+00	7.80000E+01
548	-4.60000E+00	-7.00000E+00	1.38000E+02
549	0.00000E+00	-7.00000E+00	1.38000E+02
550	4.00000E+00	-7.00000E+00	1.38000E+02
551	1.30000E+01	-7.00000E+00	1.38000E+02
552	2.30000E+01	-7.00000E+00	1.38000E+02
553	3.30000E+01	-7.00000E+00	1.38000E+02
554	4.50000E+01	-7.00000E+00	1.38000E+02
555	6.10000E+01	-7.00000E+00	1.38000E+02
556	6.90000E+01	-7.00000E+00	1.38000E+02
557	8.10000E+01	-7.00000E+00	1.38000E+02
558	9.30000E+01	-7.00000E+00	1.38000E+02
559	1.05000E+02	-7.00000E+00	1.38000E+02
560	1.17000E+02	-7.00000E+00	1.38000E+02
561	1.21000E+02	-7.00000E+00	1.38000E+02
562	1.41000E+02	-7.00000E+00	1.38000E+02
563	1.53000E+02	-7.00000E+00	1.38000E+02
564	1.63000E+02	-7.00000E+00	1.38000E+02
565	1.73000E+02	-7.00000E+00	1.38000E+02
566	1.82000E+02	-7.00000E+00	1.38000E+02
567	1.86000E+02	-7.00000E+00	1.38000E+02

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Node	X-Coord.	Y-Coord.	Z-Coord.
568	1.90600E+02	-7.00000E+00	1.38000E+02
569	-4.60000E+00	-7.00000E+00	1.45000E+02
570	0.00000E+00	-7.00000E+00	1.45000E+02
571	4.00000E+00	-7.00000E+00	1.45000E+02
572	1.30000E+01	-7.00000E+00	1.45000E+02
573	2.30000E+01	-7.00000E+00	1.45000E+02
574	3.30000E+01	-7.00000E+00	1.45000E+02
575	4.50000E+01	-7.00000E+00	1.45000E+02
576	5.70000E+01	-7.00000E+00	1.45000E+02
577	6.90000E+01	-7.00000E+00	1.45000E+02
578	7.80000E+01	-7.00000E+00	1.45000E+02
579	9.30000E+01	-7.00000E+00	1.45000E+02
580	1.08000E+02	-7.00000E+00	1.45000E+02
581	1.17000E+02	-7.00000E+00	1.45000E+02
582	1.29000E+02	-7.00000E+00	1.45000E+02
583	1.41000E+02	-7.00000E+00	1.45000E+02
584	1.53000E+02	-7.00000E+00	1.45000E+02
585	1.63000E+02	-7.00000E+00	1.45000E+02
586	1.73000E+02	-7.00000E+00	1.45000E+02
587	1.82000E+02	-7.00000E+00	1.45000E+02
588	1.86000E+02	-7.00000E+00	1.45000E+02
589	1.90600E+02	-7.00000E+00	1.45000E+02
590	0.00000E+00	-7.00000E+00	4.00000E+00
591	4.00000E+00	-7.00000E+00	4.00000E+00
592	1.30000E+01	-7.00000E+00	4.00000E+00
593	2.30000E+01	-7.00000E+00	4.00000E+00
594	3.30000E+01	-7.00000E+00	4.00000E+00
595	4.50000E+01	-7.00000E+00	4.00000E+00
596	5.70000E+01	-7.00000E+00	4.00000E+00
597	6.90000E+01	-7.00000E+00	4.00000E+00
598	8.10000E+01	-7.00000E+00	4.00000E+00
599	9.30000E+01	-7.00000E+00	4.00000E+00
600	1.05000E+02	-7.00000E+00	4.00000E+00
601	1.17000E+02	-7.00000E+00	4.00000E+00
602	1.29000E+02	-7.00000E+00	4.00000E+00
603	1.41000E+02	-7.00000E+00	4.00000E+00
604	1.53000E+02	-7.00000E+00	4.00000E+00
605	1.63000E+02	-7.00000E+00	4.00000E+00
606	1.73000E+02	-7.00000E+00	4.00000E+00
607	1.82000E+02	-7.00000E+00	4.00000E+00
608	1.86000E+02	-7.00000E+00	4.00000E+00
609	0.00000E+00	-7.00000E+00	2.12000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
610	4.00000E+00	-7.00000E+00	2.12000E+02
611	1.30000E+01	-7.00000E+00	2.12000E+02
612	2.30000E+01	-7.00000E+00	2.12000E+02
613	3.30000E+01	-7.00000E+00	2.12000E+02
614	4.50000E+01	-7.00000E+00	2.12000E+02
615	5.70000E+01	-7.00000E+00	2.12000E+02
616	6.90000E+01	-7.00000E+00	2.12000E+02
617	7.80000E+01	-7.00000E+00	2.12000E+02
618	9.30000E+01	-7.00000E+00	2.12000E+02
619	1.08000E+02	-7.00000E+00	2.12000E+02
620	1.17000E+02	-7.00000E+00	2.12000E+02
621	1.29000E+02	-7.00000E+00	2.12000E+02
622	1.41000E+02	-7.00000E+00	2.12000E+02
623	1.53000E+02	-7.00000E+00	2.12000E+02
624	1.63000E+02	-7.00000E+00	2.12000E+02
625	1.73000E+02	-7.00000E+00	2.12000E+02
626	1.82000E+02	-7.00000E+00	2.12000E+02
627	1.86000E+02	-7.00000E+00	2.12000E+02
628	3.30000E+01	-7.00000E+00	0.00000E+00
629	3.30000E+01	-7.00000E+00	1.40000E+01
630	3.30000E+01	-7.00000E+00	2.40000E+01
631	3.30000E+01	-7.00000E+00	3.60000E+01
632	3.30000E+01	-7.00000E+00	4.80000E+01
633	3.30000E+01	-7.00000E+00	6.00000E+01
634	9.30000E+01	-7.00000E+00	0.00000E+00
635	9.30000E+01	-7.00000E+00	1.40000E+01
636	9.30000E+01	-7.00000E+00	2.40000E+01
637	9.30000E+01	-7.00000E+00	3.60000E+01
638	9.30000E+01	-7.00000E+00	4.80000E+01
639	9.30000E+01	-7.00000E+00	6.00000E+01
640	1.53000E+02	-7.00000E+00	0.00000E+00
641	1.53000E+02	-7.00000E+00	1.40000E+01
642	1.53000E+02	-7.00000E+00	2.40000E+01
643	1.53000E+02	-7.00000E+00	3.60000E+01
644	1.53000E+02	-7.00000E+00	4.80000E+01
645	1.53000E+02	-7.00000E+00	6.00000E+01
646	3.30000E+01	-7.00000E+00	-4.60000E+00
647	9.30000E+01	-7.00000E+00	-4.60000E+00
648	1.53000E+02	-7.00000E+00	-4.60000E+00
649	6.10000E+01	-7.00000E+00	8.80000E+01
650	6.10000E+01	-7.00000E+00	9.80000E+01
651	6.10000E+01	-7.00000E+00	1.08000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
652	6.10000E+01	-7.00000E+00	1.18000E+02
653	6.10000E+01	-7.00000E+00	1.28000E+02
654	1.21000E+02	-7.00000E+00	8.80000E+01
655	1.21000E+02	-7.00000E+00	9.80000E+01
656	1.21000E+02	-7.00000E+00	1.08000E+02
657	1.21000E+02	-7.00000E+00	1.18000E+02
658	1.21000E+02	-7.00000E+00	1.28000E+02
659	3.30000E+01	-7.00000E+00	1.56000E+02
660	3.30000E+01	-7.00000E+00	1.68000E+02
661	3.30000E+01	-7.00000E+00	1.80000E+02
662	3.30000E+01	-7.00000E+00	1.92000E+02
663	3.30000E+01	-7.00000E+00	2.02000E+02
664	3.30000E+01	-7.00000E+00	2.16000E+02
665	3.30000E+01	-7.00000E+00	2.20600E+02
666	7.80000E+01	-7.00000E+00	1.56000E+02
667	7.80000E+01	-7.00000E+00	1.68000E+02
668	7.80000E+01	-7.00000E+00	1.80000E+02
669	7.80000E+01	-7.00000E+00	1.92000E+02
670	7.80000E+01	-7.00000E+00	2.02000E+02
671	7.80000E+01	-7.00000E+00	2.16000E+02
672	7.80000E+01	-7.00000E+00	2.20600E+02
673	1.08000E+02	-7.00000E+00	1.56000E+02
674	1.08000E+02	-7.00000E+00	1.68000E+02
675	1.08000E+02	-7.00000E+00	1.80000E+02
676	1.08000E+02	-7.00000E+00	1.92000E+02
677	1.08000E+02	-7.00000E+00	2.02000E+02
678	1.08000E+02	-7.00000E+00	2.16000E+02
679	1.08000E+02	-7.00000E+00	2.20600E+02
680	1.53000E+02	-7.00000E+00	1.56000E+02
681	1.53000E+02	-7.00000E+00	1.68000E+02
682	1.53000E+02	-7.00000E+00	1.80000E+02
683	1.53000E+02	-7.00000E+00	1.92000E+02
684	1.53000E+02	-7.00000E+00	2.02000E+02
685	1.53000E+02	-7.00000E+00	2.16000E+02
686	1.53000E+02	-7.00000E+00	2.20600E+02
687	4.00000E+00	-7.00000E+00	1.40000E+01
688	4.00000E+00	-7.00000E+00	2.40000E+01
689	4.00000E+00	-7.00000E+00	3.60000E+01
690	4.00000E+00	-7.00000E+00	4.80000E+01
691	4.00000E+00	-7.00000E+00	6.00000E+01
692	4.00000E+00	-7.00000E+00	8.80000E+01
693	4.00000E+00	-7.00000E+00	9.80000E+01

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
694	4.00000E+00	-7.00000E+00	1.08000E+02
695	4.00000E+00	-7.00000E+00	1.18000E+02
696	4.00000E+00	-7.00000E+00	1.28000E+02
697	4.00000E+00	-7.00000E+00	1.56000E+02
698	4.00000E+00	-7.00000E+00	1.68000E+02
699	4.00000E+00	-7.00000E+00	1.80000E+02
700	4.00000E+00	-7.00000E+00	1.92000E+02
701	4.00000E+00	-7.00000E+00	2.02000E+02
702	1.82000E+02	-7.00000E+00	1.40000E+01
703	1.82000E+02	-7.00000E+00	2.40000E+01
704	1.82000E+02	-7.00000E+00	3.60000E+01
705	1.82000E+02	-7.00000E+00	4.80000E+01
706	1.82000E+02	-7.00000E+00	6.00000E+01
707	1.82000E+02	-7.00000E+00	8.80000E+01
708	1.82000E+02	-7.00000E+00	9.80000E+01
709	1.82000E+02	-7.00000E+00	1.08000E+02
710	1.82000E+02	-7.00000E+00	1.18000E+02
711	1.82000E+02	-7.00000E+00	1.28000E+02
712	1.82000E+02	-7.00000E+00	1.56000E+02
713	1.82000E+02	-7.00000E+00	1.68000E+02
714	1.82000E+02	-7.00000E+00	1.80000E+02
715	1.82000E+02	-7.00000E+00	1.92000E+02
716	1.82000E+02	-7.00000E+00	2.02000E+02
717	-4.60000E+00	-7.00000E+00	2.40000E+01
718	0.00000E+00	-7.00000E+00	2.40000E+01
719	1.30000E+01	-7.00000E+00	2.40000E+01
720	2.30000E+01	-7.00000E+00	2.40000E+01
721	1.63000E+02	-7.00000E+00	2.40000E+01
722	1.73000E+02	-7.00000E+00	2.40000E+01
723	1.86000E+02	-7.00000E+00	2.40000E+01
724	1.90600E+02	-7.00000E+00	2.40000E+01
725	-4.60000E+00	-7.00000E+00	1.92000E+02
726	0.00000E+00	-7.00000E+00	1.92000E+02
727	1.30000E+01	-7.00000E+00	1.92000E+02
728	2.30000E+01	-7.00000E+00	1.92000E+02
729	1.63000E+02	-7.00000E+00	1.92000E+02
730	1.73000E+02	-7.00000E+00	1.92000E+02
731	1.86000E+02	-7.00000E+00	1.92000E+02
732	1.90600E+02	-7.00000E+00	1.92000E+02
733	3.30000E+01	-2.10000E+01	-4.60000E+00
734	9.30000E+01	-2.10000E+01	-4.60000E+00
735	1.53000E+02	-2.10000E+01	-4.60000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
736	3.30000E+01	-2.10000E+01	2.20600E+02
737	7.80000E+01	-2.10000E+01	2.20600E+02
738	1.08000E+02	-2.10000E+01	2.20600E+02
739	1.53000E+02	-2.10000E+01	2.20600E+02
740	-4.60000E+00	-2.10000E+01	2.40000E+01
741	-4.60000E+00	-2.10000E+01	7.10000E+01
742	-4.60000E+00	-2.10000E+01	7.80000E+01
743	-4.60000E+00	-2.10000E+01	1.38000E+02
744	-4.60000E+00	-2.10000E+01	1.45000E+02
745	-4.60000E+00	-2.10000E+01	1.92000E+02
746	1.90600E+02	-2.10000E+01	2.40000E+01
747	1.90600E+02	-2.10000E+01	7.10000E+01
748	1.90600E+02	-2.10000E+01	7.80000E+01
749	1.90600E+02	-2.10000E+01	1.38000E+02
750	1.90600E+02	-2.10000E+01	1.45000E+02
751	1.90600E+02	-2.10000E+01	1.92000E+02
752	9.10000E+01	2.25000E+01	9.76200E+01
753	9.10000E+01	2.05000E+01	9.76200E+01
754	-9.25000E+00	-7.00000E+00	7.10000E+01
755	-9.25000E+00	-7.00000E+00	7.80000E+01
756	-9.25000E+00	-7.00000E+00	1.38000E+02
757	-9.25000E+00	-7.00000E+00	1.45000E+02
758	1.95250E+02	-7.00000E+00	7.10000E+01
759	1.95250E+02	-7.00000E+00	7.80000E+01
760	1.95250E+02	-7.00000E+00	1.38000E+02
761	1.95250E+02	-7.00000E+00	1.45000E+02

BEAM PROPERTIES

Multiplier = 1 (For AISC database properties only)

Prop No	N a m e
1	W12X35
2	W8X18
3	W10X49

Prop No	X-Section Area	Moment of Inertia Iy	/ Iz	Torsional Const.- J
1	1.030E+01	2.451E+01	2.850E+02	7.409E-01

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Prop No	X-Section Area	Moment of Inertia Iy	/ Iz	Torsional Const.- J
2	5.268E+00	7.973E+00	6.190E+01	1.701E-01
3	1.441E+01	9.340E+01	2.720E+02	1.390E+00
4	6.000E+00	7.200E+01	1.300E-01	5.000E-01

Prop No	Max. Fiber Dist Cy	/ Cz	Shear Shape Fact SSFy	/ SSFz	Ctors	Shear Stress Factor SSTRFy	/ SSTRFz
1	3.28E+00	6.25E+00	2.75E+00	1.51E+00	5.20E-01	3.05E+00	2.26E+00
2	2.62E+00	4.07E+00	2.81E+00	1.52E+00	3.30E-01	3.10E+00	2.27E+00
3	4.99E+00	4.98E+00	4.25E+00	1.29E+00	5.60E-01	4.63E+00	1.93E+00
4	6.00E+00	2.50E-01	0.00E+00	0.00E+00	1.00E+00	1.00E+00	1.00E+00

BEAM CONNECTIVITY

Beam	Nodes From/	To /	Ref	Prop No	Mat No	pincodes I / J	Rigid End Offset I / J		Length	Beam Type
1	590	591	21	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
2	591	592	21	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
3	592	593	21	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
4	593	594	21	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
5	594	595	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
6	595	596	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
7	596	597	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
8	597	598	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
9	598	599	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
10	599	600	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
11	600	601	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
12	601	602	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
13	602	603	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
14	603	604	21	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
15	604	605	21	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
16	605	606	21	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
17	606	607	21	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
18	607	608	21	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
19	506	507	134	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
20	507	508	134	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
21	508	509	134	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
22	509	510	134	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
23	510	511	134	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
24	511	512	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam

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Beam No	Nodes From/ To / Ref	Prop No	Mat No	pincodes I / J	Rigid End Offset I / J	Length	Beam Type
25	512 513 134	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
26	513 514 134	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
27	514 515 134	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
28	515 516 134	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
29	516 517 134	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
30	517 518 134	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
31	518 519 134	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
32	519 520 134	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
33	520 521 134	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
34	521 522 134	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
35	522 523 134	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
36	523 524 134	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
37	524 525 134	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
38	525 526 134	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
39	527 528 172	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
40	528 529 172	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
41	529 530 172	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
42	530 531 172	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
43	531 532 172	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
44	532 533 172	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
45	533 534 172	1	3		0.00E+00 0.00E+00	0.16E+02	Beam
46	534 535 172	1	3		0.00E+00 0.00E+00	0.80E+01	Beam
47	535 536 172	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
48	536 537 172	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
49	537 538 172	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
50	538 539 172	1	3		0.00E+00 0.00E+00	0.16E+02	Beam
51	539 540 172	1	3		0.00E+00 0.00E+00	0.80E+01	Beam
52	540 541 172	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
53	541 542 172	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
54	542 543 172	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
55	543 544 172	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
56	544 545 172	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
57	545 546 172	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
58	546 547 172	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
59	548 549 267	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
60	549 550 267	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
61	550 551 267	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
62	551 552 267	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
63	552 553 267	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
64	553 554 267	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
65	554 555 267	1	3		0.00E+00 0.00E+00	0.16E+02	Beam

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Beam No	Nodes From/	To /	Ref	Prop No	Mat No	pincodes I / J	Rigid End Offset I / J	Length	Beam Type
66	555	556	267	1	3		0.00E+00 0.00E+00	0.80E+01	Beam
67	556	557	267	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
68	557	558	267	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
69	558	559	267	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
70	559	560	267	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
71	560	561	267	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
72	561	562	267	1	3		0.00E+00 0.00E+00	0.20E+02	Beam
73	562	563	267	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
74	563	564	267	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
75	564	565	267	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
76	565	566	267	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
77	566	567	267	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
78	567	568	267	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
79	569	570	306	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
80	570	571	306	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
81	571	572	306	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
82	572	573	306	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
83	573	574	306	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
84	574	575	306	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
85	575	576	306	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
86	576	577	306	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
87	577	578	306	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
88	578	579	306	1	3		0.00E+00 0.00E+00	0.15E+02	Beam
89	579	580	306	1	3		0.00E+00 0.00E+00	0.15E+02	Beam
90	580	581	306	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
91	581	582	306	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
92	582	583	306	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
93	583	584	306	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
94	584	585	306	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
95	585	586	306	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
96	586	587	306	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
97	587	588	306	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
98	588	589	306	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
99	609	610	420	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
100	610	611	420	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
101	611	612	420	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
102	612	613	420	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
103	613	614	420	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
104	614	615	420	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
105	615	616	420	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
106	616	617	420	1	3		0.00E+00 0.00E+00	0.90E+01	Beam

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Beam No	Nodes From/	To /	Ref	Prop No	Mat No	pincodes I / J	Rigid End Offset I / J	Length	Beam Type
107	678	679	449	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
108	619	620	420	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
109	620	621	420	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
110	621	622	420	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
111	622	623	420	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
112	623	624	420	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
113	624	625	420	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
114	625	626	420	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
115	626	627	420	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
116	646	628	5	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
117	628	594	5	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
118	594	629	5	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
119	629	630	5	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
120	630	631	5	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
121	631	632	5	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
122	632	633	5	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
123	633	511	5	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
124	647	634	10	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
125	634	599	10	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
126	599	635	10	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
127	635	636	10	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
128	636	637	10	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
129	637	638	10	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
130	638	639	10	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
131	639	516	10	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
132	648	640	15	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
133	640	604	15	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
134	604	641	15	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
135	641	642	15	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
136	642	643	15	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
137	643	644	15	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
138	644	645	15	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
139	645	521	15	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
140	534	649	178	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
141	649	650	178	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
142	650	651	178	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
143	651	652	178	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
144	652	653	178	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
145	653	555	178	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
146	539	654	184	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
147	654	655	184	1	3		0.00E+00 0.00E+00	0.10E+02	Beam

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Beam No	Nodes From/	To /	Ref	Prop No	Mat No	pincodes I / J	Rigid End Offset I / J		Length	Beam Type
148	655	656	184	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
149	656	657	184	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
150	657	658	184	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
151	658	561	184	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
152	574	659	310	1	3		0.00E+00	0.00E+00	0.11E+02	Beam
153	659	660	310	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
154	660	661	310	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
155	661	662	310	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
156	662	663	310	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
157	663	613	310	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
158	613	664	310	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
159	664	665	310	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
160	578	666	314	1	3		0.00E+00	0.00E+00	0.11E+02	Beam
161	666	667	314	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
162	667	668	314	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
163	668	669	314	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
164	669	670	314	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
165	670	617	314	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
166	617	671	310	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
167	671	672	310	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
168	580	673	316	1	3		0.00E+00	0.00E+00	0.11E+02	Beam
169	673	674	316	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
170	674	675	316	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
171	675	676	316	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
172	676	677	316	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
173	677	619	316	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
174	619	678	316	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
175	584	680	320	1	3		0.00E+00	0.00E+00	0.11E+02	Beam
176	680	681	320	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
177	681	682	320	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
178	682	683	320	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
179	683	684	320	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
180	684	623	320	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
181	623	685	320	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
182	685	686	320	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
183	717	718	58	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
184	718	688	58	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
185	688	719	58	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
186	719	720	58	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
187	720	630	58	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
188	642	721	58	1	3		0.00E+00	0.00E+00	0.10E+02	Beam

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Beam No	Nodes From/	To /	Ref	Prop No	Mat No	pincodes I / J	Rigid End Offset I / J	Length	Beam Type
189	721	722	58	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
190	722	703	58	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
191	703	723	58	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
192	723	724	58	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
193	725	726	382	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
194	726	700	382	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
195	700	727	382	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
196	727	728	382	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
197	728	662	382	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
198	683	729	382	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
199	729	730	382	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
200	730	715	382	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
201	715	731	382	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
202	731	732	382	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
203	591	687	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
204	687	688	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
205	688	689	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
206	689	690	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
207	690	691	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
208	691	508	21	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
209	529	692	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
210	692	693	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
211	693	694	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
212	694	695	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
213	695	696	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
214	696	550	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
215	571	697	21	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
216	697	698	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
217	698	699	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
218	699	700	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
219	700	701	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
220	701	610	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
221	607	702	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
222	702	703	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
223	703	704	37	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
224	704	705	37	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
225	705	706	37	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
226	706	524	37	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
227	545	707	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
228	707	708	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
229	708	709	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam

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Beam No	Nodes From/	To /	Ref	Prop No	Mat No	pincodes I / J	Rigid End Offset I / J	Length	Beam Type
230	709	710	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
231	710	711	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
232	711	566	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
233	587	712	37	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
234	712	713	37	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
235	713	714	37	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
236	714	715	37	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
237	715	716	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
238	716	626	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
239	733	646	628	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
240	734	647	634	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
241	735	648	640	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
242	736	665	664	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
243	737	672	671	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
244	738	679	678	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
245	739	686	685	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
246	740	717	718	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
247	741	506	507	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
248	742	527	528	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
249	743	548	549	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
250	744	569	570	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
251	745	725	726	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
252	746	724	723	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
253	747	526	525	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
254	748	547	546	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
255	749	568	567	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
256	750	589	588	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
257	751	732	731	2	3		0.00E+00 0.00E+00	0.14E+02	Beam
258	754	755	527	4	3	NA NA	NA NA	0.70E+01	Truss
259	756	757	569	4	3	NA NA	NA NA	0.70E+01	Truss
260	758	759	547	4	3	NA NA	NA NA	0.70E+01	Truss
261	760	761	589	4	3	NA NA	NA NA	0.70E+01	Truss
262	458	752	753	3	2	56	0.00E+00 0.00E+00	0.28E+02	Beam
263	459	752	753	3	2	56	0.00E+00 0.00E+00	0.28E+02	Beam
264	460	752	753	3	2	56	0.00E+00 0.00E+00	0.29E+02	Beam
265	461	752	753	3	2	56	0.00E+00 0.00E+00	0.31E+02	Beam
266	462	752	753	3	2	56	0.00E+00 0.00E+00	0.33E+02	Beam
267	463	752	753	3	2	56	0.00E+00 0.00E+00	0.35E+02	Beam
268	464	752	753	3	2	56	0.00E+00 0.00E+00	0.37E+02	Beam
269	465	752	753	3	2	56	0.00E+00 0.00E+00	0.39E+02	Beam
270	466	752	753	3	2	56	0.00E+00 0.00E+00	0.40E+02	Beam

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Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I / J	Length	Beam Type
271	467	752	753	3	2	56	0.00E+00 0.00E+00	0.42E+02	Beam
272	468	752	753	3	2	56	0.00E+00 0.00E+00	0.43E+02	Beam
273	469	752	753	3	2	56	0.00E+00 0.00E+00	0.44E+02	Beam
274	470	752	753	3	2	56	0.00E+00 0.00E+00	0.44E+02	Beam
275	471	752	753	3	2	56	0.00E+00 0.00E+00	0.44E+02	Beam
276	472	752	753	3	2	56	0.00E+00 0.00E+00	0.43E+02	Beam
277	473	752	753	3	2	56	0.00E+00 0.00E+00	0.42E+02	Beam
278	474	752	753	3	2	56	0.00E+00 0.00E+00	0.40E+02	Beam
279	475	752	753	3	2	56	0.00E+00 0.00E+00	0.39E+02	Beam
280	476	752	753	3	2	56	0.00E+00 0.00E+00	0.37E+02	Beam
281	477	752	753	3	2	56	0.00E+00 0.00E+00	0.35E+02	Beam
282	478	752	753	3	2	56	0.00E+00 0.00E+00	0.33E+02	Beam
283	479	752	753	3	2	56	0.00E+00 0.00E+00	0.31E+02	Beam
284	480	752	753	3	2	56	0.00E+00 0.00E+00	0.29E+02	Beam
285	481	752	753	3	2	56	0.00E+00 0.00E+00	0.28E+02	Beam
286	752	753	458	3	2		0.00E+00 0.00E+00	0.20E+01	Beam
287	754	506	741	1	3		0.00E+00 0.00E+00	0.47E+01	Beam
288	755	527	742	1	3		0.00E+00 0.00E+00	0.47E+01	Beam
289	756	548	743	1	3		0.00E+00 0.00E+00	0.47E+01	Beam
290	757	569	744	1	3		0.00E+00 0.00E+00	0.47E+01	Beam
291	526	758	747	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
292	547	759	748	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
293	568	760	749	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
294	589	761	750	1	3		0.00E+00 0.00E+00	0.46E+01	Beam

PLATE ELEMENT CONNECTIVITY

Plate No.		Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	1	1	2	21	20	1	1.500E+00	1.600E+01		1.000E+00	M+B
QUAD	2	2	3	22	21	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	3	3	4	23	22	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	4	4	5	24	23	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	5	5	6	25	24	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	6	6	7	26	25	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	7	7	8	27	26	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	8	8	9	28	27	1	1.500E+00	4.800E+01		3.000E+00	M+B

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Plate		Nodes				Mat			Shear Web	Aspect	Plate
	No.	I	J	K	L	No.	Thickness	Area	Thickness	Ratio	Type
QUAD	9	9	10	29	28	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	10	10	11	30	29	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	11	11	12	31	30	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	12	12	13	32	31	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	13	13	14	33	32	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	14	14	15	34	33	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	15	15	16	35	34	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	16	16	17	36	35	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	17	17	18	37	36	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	18	18	19	38	37	1	1.500E+00	1.600E+01		1.000E+00	M+B
QUAD	19	20	21	40	39	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	20	21	22	41	40	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	21	22	23	42	41	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	22	23	24	43	42	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	23	24	25	44	43	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	24	25	26	45	44	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	25	26	27	46	45	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	26	27	28	47	46	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	27	28	29	48	47	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	28	29	30	49	48	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	29	30	31	50	49	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	30	31	32	51	50	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	31	32	33	52	51	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	32	33	34	53	52	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	33	34	35	54	53	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	34	35	36	55	54	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	35	36	37	56	55	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	36	37	38	57	56	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	37	39	40	59	58	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	38	40	41	60	59	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	39	41	42	61	60	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	40	42	43	62	61	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	41	43	44	63	62	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	42	44	45	64	63	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	43	45	46	65	64	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	44	46	47	66	65	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	45	47	48	67	66	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	46	48	49	68	67	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	47	49	50	69	68	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	48	50	51	70	69	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	49	51	52	71	70	1	1.500E+00	1.200E+02		1.200E+00	M+B

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	50	52	53	72	71	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	51	53	54	73	72	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	52	54	55	74	73	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	53	55	56	75	74	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	54	56	57	76	75	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	55	58	59	78	77	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	56	59	60	79	78	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	57	60	61	80	79	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	58	61	62	81	80	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	59	62	63	82	81	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	60	63	64	83	82	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	61	64	65	84	83	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	62	65	66	85	84	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	63	66	67	86	85	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	64	67	68	87	86	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	65	68	69	88	87	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	66	69	70	89	88	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	67	70	71	90	89	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	68	71	72	91	90	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	69	72	73	92	91	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	70	73	74	93	92	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	71	74	75	94	93	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	72	75	76	95	94	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	73	77	78	97	96	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	74	78	79	98	97	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	75	79	80	99	98	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	76	80	81	100	99	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	77	81	82	101	100	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	78	82	83	102	101	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	79	83	84	103	102	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	80	84	85	104	103	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	81	85	86	105	104	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	82	86	87	106	105	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	83	87	88	107	106	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	84	88	89	108	107	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	85	89	90	109	108	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	86	90	91	110	109	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	87	91	92	111	110	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	88	92	93	112	111	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	89	93	94	113	112	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	90	94	95	114	113	1	1.500E+00	4.800E+01		3.333E-01	M+B

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Plate		Nodes				Mat			Shear Web	Aspect	Plate
	No.	I	J	K	L	No.	Thickness	Area	Thickness	Ratio	Type
QUAD	91	96	97	116	115	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	92	97	98	117	116	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	93	98	99	118	117	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	94	99	100	119	118	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	95	100	101	120	119	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	96	101	102	121	120	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	97	102	103	122	121	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	98	103	104	123	122	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	99	104	105	124	123	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	100	105	106	125	124	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	101	106	107	126	125	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	102	107	108	127	126	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	103	108	109	128	127	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	104	109	110	129	128	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	105	110	111	130	129	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	106	111	112	131	130	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	107	112	113	132	131	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	108	113	114	133	132	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	109	115	116	135	134	1	1.500E+00	4.400E+01		3.636E-01	M+B
QUAD	110	116	117	136	135	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	111	117	118	137	136	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	112	118	119	138	137	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	113	119	120	139	138	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	114	120	121	140	139	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	115	121	122	141	140	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	116	122	123	142	141	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	117	123	124	143	142	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	118	124	125	144	143	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	119	125	126	145	144	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	120	126	127	146	145	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	121	127	128	147	146	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	122	128	129	148	147	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	123	129	130	149	148	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	124	130	131	150	149	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	125	131	132	151	150	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	126	132	133	152	151	1	1.500E+00	4.400E+01		3.636E-01	M+B
QUAD	127	134	135	154	153	1	1.500E+00	2.760E+01		5.797E-01	M+B
QUAD	128	135	136	155	154	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	129	136	137	156	155	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	130	137	138	157	156	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	131	138	139	158	157	1	1.500E+00	8.280E+01		1.739E+00	M+B

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Plate No.		Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	132	139	140	159	158	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	133	140	141	160	159	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	134	141	142	161	160	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	135	142	143	162	161	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	136	143	144	163	162	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	137	144	145	164	163	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	138	145	146	165	164	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	139	146	147	166	165	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	140	147	148	167	166	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	141	148	149	168	167	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	142	149	150	169	168	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	143	150	151	170	169	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	144	151	152	171	170	1	1.500E+00	2.760E+01		5.797E-01	M+B
QUAD	145	172	173	193	192	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	146	173	174	194	193	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	147	174	175	195	194	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	148	175	176	196	195	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	149	176	177	197	196	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	150	177	178	198	197	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	151	184	185	200	199	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	152	185	186	201	200	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	153	186	187	202	201	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	154	187	188	203	202	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	155	188	189	204	203	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	156	189	190	205	204	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	157	190	191	206	205	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	158	192	193	208	207	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	159	193	194	209	208	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	160	194	195	210	209	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	161	195	196	211	210	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	162	196	197	212	211	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	163	197	198	213	212	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	164	199	200	215	214	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	165	200	201	216	215	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	166	201	202	217	216	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	167	202	203	218	217	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	168	203	204	219	218	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	169	204	205	220	219	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	170	205	206	221	220	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	171	207	208	223	222	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	172	208	209	224	223	1	1.500E+00	9.000E+01		9.000E-01	M+B

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	Plate No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	173	209	210	225	224	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	174	210	211	226	225	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	175	211	212	227	226	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	176	212	213	228	227	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	177	214	215	230	229	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	178	215	216	231	230	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	179	216	217	232	231	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	180	217	218	233	232	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	181	218	219	234	233	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	182	219	220	235	234	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	183	220	221	236	235	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	184	222	223	238	237	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	185	223	224	239	238	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	186	224	225	240	239	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	187	225	226	241	240	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	188	226	227	242	241	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	189	227	228	243	242	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	190	229	230	245	244	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	191	230	231	246	245	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	192	231	232	247	246	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	193	232	233	248	247	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	194	233	234	249	248	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	195	234	235	250	249	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	196	235	236	251	250	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	197	237	238	253	252	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	198	238	239	254	253	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	199	239	240	255	254	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	200	240	241	256	255	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	201	241	242	257	256	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	202	242	243	258	257	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	203	244	245	260	259	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	204	245	246	261	260	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	205	246	247	262	261	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	206	247	248	263	262	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	207	248	249	264	263	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	208	249	250	265	264	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	209	250	251	266	265	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	210	252	253	268	267	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	211	253	254	269	268	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	212	254	255	270	269	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	213	255	256	271	270	1	1.500E+00	1.000E+02		1.000E+00	M+B

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Plate		Nodes				Mat			Shear Web	Aspect	Plate
	No.	I	J	K	L	No.	Thickness	Area	Thickness	Ratio	Type
QUAD	214	256	257	272	271	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	215	257	258	273	272	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	216	259	260	280	279	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	217	260	261	281	280	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	218	261	262	282	281	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	219	262	263	283	282	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	220	263	264	284	283	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	221	264	265	285	284	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	222	265	266	286	285	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	223	178	179	480	479	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	224	179	180	481	480	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	225	180	181	458	481	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	226	181	182	459	458	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	227	182	183	460	459	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	228	183	184	461	460	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	229	184	199	462	461	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	230	199	214	463	462	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	231	214	229	464	463	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	232	229	244	465	464	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	233	244	259	466	465	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	234	259	279	467	466	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	235	468	467	279	278	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	236	469	468	278	277	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	237	470	469	277	276	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	238	471	470	276	275	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	239	472	471	275	274	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	240	473	472	274	273	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	241	474	473	273	258	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	242	475	474	258	243	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	243	476	475	243	228	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	244	477	476	228	213	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	245	478	477	213	198	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	246	479	478	198	178	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	247	458	459	483	482	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	248	459	460	484	483	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	249	460	461	485	484	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	250	461	462	486	485	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	251	462	463	487	486	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	252	463	464	488	487	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	253	464	465	489	488	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	254	465	466	490	489	1	1.500E+00	4.876E+01		7.514E-01	M+B

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	255	466	467	491	490	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	256	467	468	492	491	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	257	468	469	493	492	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	258	469	470	494	493	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	259	470	471	495	494	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	260	471	472	496	495	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	261	472	473	497	496	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	262	473	474	498	497	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	263	474	475	499	498	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	264	475	476	500	499	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	265	476	477	501	500	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	266	477	478	502	501	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	267	478	479	503	502	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	268	479	480	504	503	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	269	480	481	505	504	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	270	481	458	482	505	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	271	287	288	307	306	1	1.500E+00	2.760E+01		5.797E-01	M+B
QUAD	272	288	289	308	307	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	273	289	290	309	308	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	274	290	291	310	309	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	275	291	292	311	310	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	276	292	293	312	311	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	277	293	294	313	312	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	278	294	295	314	313	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	279	295	296	315	314	1	1.500E+00	1.035E+02		2.174E+00	M+B
QUAD	280	296	297	316	315	1	1.500E+00	1.035E+02		2.174E+00	M+B
QUAD	281	297	298	317	316	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	282	298	299	318	317	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	283	299	300	319	318	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	284	300	301	320	319	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	285	301	302	321	320	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	286	302	303	322	321	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	287	303	304	323	322	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	288	304	305	324	323	1	1.500E+00	2.760E+01		5.797E-01	M+B
QUAD	289	306	307	326	325	1	1.500E+00	4.400E+01		3.636E-01	M+B
QUAD	290	307	308	327	326	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	291	308	309	328	327	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	292	309	310	329	328	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	293	310	311	330	329	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	294	311	312	331	330	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	295	312	313	332	331	1	1.500E+00	1.320E+02		1.091E+00	M+B

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Plate		Nodes				Mat			Shear Web	Aspect	Plate
	No.	I	J	K	L	No.	Thickness	Area	Thickness	Ratio	Type
QUAD	296	313	314	333	332	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	297	314	315	334	333	1	1.500E+00	1.650E+02		1.364E+00	M+B
QUAD	298	315	316	335	334	1	1.500E+00	1.650E+02		1.364E+00	M+B
QUAD	299	316	317	336	335	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	300	317	318	337	336	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	301	318	319	338	337	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	302	319	320	339	338	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	303	320	321	340	339	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	304	321	322	341	340	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	305	322	323	342	341	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	306	323	324	343	342	1	1.500E+00	4.400E+01		3.636E-01	M+B
QUAD	307	325	326	345	344	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	308	326	327	346	345	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	309	327	328	347	346	1	1.500E+00	1.200E+02		8.333E-01	M+B
( )	310	328	329	348	347	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	311	329	330	349	348	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	312	330	331	350	349	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	313	331	332	351	350	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	314	332	333	352	351	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	315	333	334	353	352	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	316	334	335	354	353	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	317	335	336	355	354	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	318	336	337	356	355	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	319	337	338	357	356	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	320	338	339	358	357	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	321	339	340	359	358	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	322	340	341	360	359	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	323	341	342	361	360	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	324	342	343	362	361	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	325	344	345	364	363	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	326	345	346	365	364	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	327	346	347	366	365	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	328	347	348	367	366	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	329	348	349	368	367	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	330	349	350	369	368	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	331	350	351	370	369	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	332	351	352	371	370	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	333	352	353	372	371	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	334	353	354	373	372	1	1.500E+00	1.800E+02		1.250E+00	M+B
( )	335	354	355	374	373	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	336	355	356	375	374	1	1.500E+00	1.440E+02		1.000E+00	M+B

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Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	337	356	357	376	375	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	338	357	358	377	376	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	339	358	359	378	377	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	340	359	360	379	378	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	341	360	361	380	379	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	342	361	362	381	380	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	343	363	364	383	382	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	344	364	365	384	383	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	345	365	366	385	384	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	346	366	367	386	385	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	347	367	368	387	386	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	348	368	369	388	387	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	349	369	370	389	388	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	350	370	371	390	389	1	1.500E+00	1.080E+02		7.500E-01	M+B
( )	351	371	372	391	390	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	352	372	373	392	391	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	353	373	374	393	392	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	354	374	375	394	393	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	355	375	376	395	394	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	356	376	377	396	395	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	357	377	378	397	396	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	358	378	379	398	397	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	359	379	380	399	398	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	360	380	381	400	399	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	361	382	383	402	401	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	362	383	384	403	402	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	363	384	385	404	403	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	364	385	386	405	404	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	365	386	387	406	405	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	366	387	388	407	406	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	367	388	389	408	407	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	368	389	390	409	408	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	369	390	391	410	409	1	1.500E+00	1.500E+02		1.500E+00	M+B
QUAD	370	391	392	411	410	1	1.500E+00	1.500E+02		1.500E+00	M+B
QUAD	371	392	393	412	411	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	372	393	394	413	412	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	373	394	395	414	413	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	374	395	396	415	414	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	375	396	397	416	415	1	1.500E+00	1.000E+02		1.000E+00	M+B
( )	376	397	398	417	416	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	377	398	399	418	417	1	1.500E+00	9.000E+01		9.000E-01	M+B

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Plate		Nodes				Mat			Shear Web	Aspect	Plate
	No.	I	J	K	L	No.	Thickness	Area	Thickness	Ratio	Type
QUAD	378	399	400	419	418	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	379	401	402	421	420	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	380	402	403	422	421	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	381	403	404	423	422	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	382	404	405	424	423	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	383	405	406	425	424	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	384	406	407	426	425	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	385	407	408	427	426	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	386	408	409	428	427	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	387	409	410	429	428	1	1.500E+00	1.500E+02		1.500E+00	M+B
QUAD	388	410	411	430	429	1	1.500E+00	1.500E+02		1.500E+00	M+B
QUAD	389	411	412	431	430	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	390	412	413	432	431	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	391	413	414	433	432	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	392	414	415	434	433	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	393	415	416	435	434	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	394	416	417	436	435	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	395	417	418	437	436	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	396	418	419	438	437	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	397	420	421	440	439	1	1.500E+00	1.600E+01		1.000E+00	M+B
QUAD	398	421	422	441	440	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	399	422	423	442	441	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	400	423	424	443	442	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	401	424	425	444	443	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	402	425	426	445	444	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	403	426	427	446	445	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	404	427	428	447	446	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	405	428	429	448	447	1	1.500E+00	6.000E+01		3.750E+00	M+B
QUAD	406	429	430	449	448	1	1.500E+00	6.000E+01		3.750E+00	M+B
QUAD	407	430	431	450	449	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	408	431	432	451	450	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	409	432	433	452	451	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	410	433	434	453	452	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	411	434	435	454	453	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	412	435	436	455	454	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	413	436	437	456	455	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	414	437	438	457	456	1	1.500E+00	1.600E+01		1.000E+00	M+B
QUAD	415	20	21	591	590	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	416	21	22	592	591	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	417	22	23	593	592	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	418	23	24	594	593	3	2.500E-01	7.000E+01		1.429E+00	M+B

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Plate		Nodes				Mat			Shear Web	Aspect	Plate
	No.	I	J	K	L	No.	Thickness	Area	Thickness	Ratio	Type
QUAD	419	24	25	595	594	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	420	25	26	596	595	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	421	26	27	597	596	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	422	27	28	598	597	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	423	28	29	599	598	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	424	29	30	600	599	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	425	30	31	601	600	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	426	31	32	602	601	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	427	32	33	603	602	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	428	33	34	604	603	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	429	34	35	605	604	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	430	35	36	606	605	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	431	36	37	607	606	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	432	37	38	608	607	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	433	134	135	508	507	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	434	135	136	509	508	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	435	136	137	510	509	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	436	137	138	511	510	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	437	138	139	512	511	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	438	139	140	513	512	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	439	140	141	514	513	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	440	141	142	515	514	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	441	142	143	516	515	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	442	143	144	517	516	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	443	144	145	518	517	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	444	145	146	519	518	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	445	146	147	520	519	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	446	147	148	521	520	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	447	148	149	522	521	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	448	149	150	523	522	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	449	150	151	524	523	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	450	151	152	525	524	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	451	172	173	529	528	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	452	173	174	530	529	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	453	174	175	531	530	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	454	175	176	532	531	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	455	176	177	533	532	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	456	177	178	534	533	3	2.500E-01	1.120E+02		2.286E+00	M+B
QUAD	457	178	179	535	534	3	2.500E-01	6.300E+01		1.273E+00	M+B
QUAD	458	179	180	536	535	3	2.500E-01	7.700E+01		1.556E+00	M+B
QUAD	459	180	181	537	536	3	2.500E-01	7.700E+01		1.556E+00	M+B

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Plate		Nodes				Mat			Shear Web	Aspect	Plate
	No.	I	J	K	L	No.	Thickness	Area	Thickness	Ratio	Type
QUAD	460	181	182	538	537	3	2.500E-01	7.700E+01		1.444E+00	M+B
TRI	461	182	183	538		3	2.500E-01	3.500E+01		1.414E+00	M+B
QUAD	462	183	184	539	538	3	2.500E-01	9.100E+01		1.707E+00	M+B
QUAD	463	184	185	540	539	3	2.500E-01	5.600E+01		1.143E+00	M+B
QUAD	464	185	186	541	540	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	465	186	187	542	541	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	466	187	188	543	542	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	467	188	189	544	543	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	468	189	190	545	544	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	469	190	191	546	545	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	470	267	268	550	549	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	471	268	269	551	550	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	472	269	270	552	551	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	473	270	271	553	552	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	474	271	272	554	553	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	475	272	273	555	554	3	2.500E-01	1.120E+02		2.286E+00	M+B
QUAD	476	273	274	556	555	3	2.500E-01	6.300E+01		1.273E+00	M+B
QUAD	477	274	275	557	556	3	2.500E-01	7.700E+01		1.556E+00	M+B
QUAD	478	275	276	558	557	3	2.500E-01	7.700E+01		1.556E+00	M+B
QUAD	479	276	277	559	558	3	2.500E-01	7.700E+01		1.444E+00	M+B
QUAD	480	277	278	560	559	3	2.500E-01	7.700E+01		1.279E+00	M+B
QUAD	481	278	279	561	560	3	2.500E-01	4.900E+01		9.191E-01	M+B
TRI	482	279	280	561		3	2.500E-01	2.800E+01		9.923E-01	M+B
QUAD	483	280	281	562	561	3	2.500E-01	1.120E+02		1.985E+00	M+B
QUAD	484	281	282	563	562	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	485	282	283	564	563	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	486	283	284	565	564	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	487	284	285	566	565	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	488	285	286	567	566	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	489	306	307	571	570	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	490	307	308	572	571	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	491	308	309	573	572	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	492	309	310	574	573	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	493	310	311	575	574	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	494	311	312	576	575	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	495	312	313	577	576	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	496	313	314	578	577	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	497	314	315	579	578	3	2.500E-01	1.050E+02		2.143E+00	M+B
QUAD	498	315	316	580	579	3	2.500E-01	1.050E+02		2.143E+00	M+B
QUAD	499	316	317	581	580	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	500	317	318	582	581	3	2.500E-01	8.400E+01		1.714E+00	M+B

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Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	501	318	319	583	582	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	502	319	320	584	583	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	503	320	321	585	584	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	504	321	322	586	585	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	505	322	323	587	586	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	506	323	324	588	587	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	507	420	421	610	609	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	508	421	422	611	610	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	509	422	423	612	611	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	510	423	424	613	612	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	511	424	425	614	613	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	512	425	426	615	614	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	513	426	427	616	615	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	514	427	428	617	616	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	515	428	429	618	617	3	2.500E-01	1.050E+02		2.143E+00	M+B
QUAD	516	429	430	619	618	3	2.500E-01	1.050E+02		2.143E+00	M+B
QUAD	517	430	431	620	619	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	518	431	432	621	620	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	519	432	433	622	621	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	520	433	434	623	622	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	521	434	435	624	623	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	522	435	436	625	624	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	523	436	437	626	625	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	524	437	438	627	626	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	525	58	59	688	718	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	526	59	60	719	688	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	527	60	61	720	719	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	528	61	62	630	720	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	529	72	73	721	642	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	530	73	74	722	721	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	531	74	75	703	722	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	532	75	76	723	703	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	533	382	383	700	726	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	534	383	384	727	700	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	535	384	385	728	727	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	536	385	386	662	728	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	537	396	397	729	683	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	538	397	398	730	729	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	539	398	399	715	730	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	540	399	400	731	715	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	541	21	40	687	591	3	2.500E-01	7.000E+01		1.429E+00	M+B

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Plate		Nodes				Mat			Shear Web	Aspect	Plate
	No.	I	J	K	L	No.	Thickness	Area	Thickness	Ratio	Type
QUAD	542	40	59	688	687	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	543	59	78	689	688	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	544	78	97	690	689	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	545	97	116	691	690	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	546	116	135	508	691	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	547	173	193	692	529	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	548	193	208	693	692	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	549	208	223	694	693	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	550	223	238	695	694	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	551	238	253	696	695	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	552	253	268	550	696	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	553	307	326	697	571	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	554	326	345	698	697	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	555	345	364	699	698	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	556	364	383	700	699	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	557	383	402	701	700	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	558	402	421	610	701	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	559	24	43	629	594	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	560	43	62	630	629	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	561	62	81	631	630	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	562	81	100	632	631	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	563	100	119	633	632	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	564	119	138	511	633	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	565	310	329	659	574	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	566	329	348	660	659	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	567	348	367	661	660	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	568	367	386	662	661	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	569	386	405	663	662	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	570	405	424	613	663	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	571	178	198	649	534	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	572	198	213	650	649	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	573	213	228	651	650	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	574	228	243	652	651	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	575	243	258	653	652	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	576	258	273	555	653	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	577	314	333	666	578	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	578	333	352	667	666	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	579	352	371	668	667	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	580	371	390	669	668	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	581	390	409	670	669	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	582	409	428	617	670	3	2.500E-01	7.000E+01		1.429E+00	M+B

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Plate		Nodes				Mat			Shear Web	Aspect	Plate
	No.	I	J	K	L	No.	Thickness	Area	Thickness	Ratio	Type
QUAD	583	428	447	671	617	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	584	10	29	599	634	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	585	29	48	635	599	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	586	48	67	636	635	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	587	67	86	637	636	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	588	86	105	638	637	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	589	105	124	639	638	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	590	124	143	516	639	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	591	316	335	673	580	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	592	335	354	674	673	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	593	354	373	675	674	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	594	373	392	676	675	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	595	392	411	677	676	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	596	411	430	619	677	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	597	430	449	678	619	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	598	184	199	654	539	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	599	199	214	655	654	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	600	214	229	656	655	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	601	229	244	657	656	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	602	244	259	658	657	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	603	259	279	561	658	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	604	15	34	604	640	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	605	34	53	641	604	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	606	53	72	642	641	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	607	72	91	643	642	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	608	91	110	644	643	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	609	110	129	645	644	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	610	129	148	521	645	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	611	320	339	680	584	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	612	339	358	681	680	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	613	358	377	682	681	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	614	377	396	683	682	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	615	396	415	684	683	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	616	415	434	623	684	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	617	434	453	685	623	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	618	37	56	702	607	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	619	56	75	703	702	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	620	75	94	704	703	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	621	94	113	705	704	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	622	113	132	706	705	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	623	132	151	524	706	3	2.500E-01	7.700E+01		1.571E+00	M+B

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CHECK GEOMETRY Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Plate		Nodes				Mat			Shear Web	Aspect	Plate
	No.	I	J	K	L	No.	Thickness	Area	Thickness	Ratio	Type
QUAD	624	190	205	707	545	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	625	205	220	708	707	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	626	220	235	709	708	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	627	235	250	710	709	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	628	250	265	711	710	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	629	265	285	566	711	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	630	323	342	712	587	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	631	342	361	713	712	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	632	361	380	714	713	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	633	380	399	715	714	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	634	399	418	716	715	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	635	418	437	626	716	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	636	5	24	594	628	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	637	424	443	664	613	3	2.500E-01	2.800E+01		5.714E-01	M+B

SPRING ELEMENTS

Spring No	Nodes From/ To		Direction	Stiffness No.	Spring Type
1	508	NA	Y	1	NL G
2	524	NA	Y	1	NL G
3	529	NA	Y	1	NL G
4	545	NA	Y	1	NL G
5	550	NA	Y	1	NL G
6	566	NA	Y	1	NL G
7	571	NA	Y	1	NL G
8	587	NA	Y	1	NL G
9	590	NA	Y	1	NL G
10	591	NA	Y	1	NL G
11	592	NA	Y	1	NL G

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Spring No	Nodes From/	To	Direction	Stiffness No.	Spring Type
12	593	NA	Y	1	NL G
13	594	NA	Y	1	NL G
14	595	NA	Y	1	NL G
15	596	NA	Y	1	NL G
16	597	NA	Y	1	NL G
17	598	NA	Y	1	NL G
18	599	NA	Y	1	NL G
19	600	NA	Y	1	NL G
20	601	NA	Y	1	NL G
21	602	NA	Y	1	NL G
22	603	NA	Y	1	NL G
23	604	NA	Y	1	NL G
24	605	NA	Y	1	NL G
25	606	NA	Y	1	NL G
26	607	NA	Y	1	NL G
27	608	NA	Y	1	NL G
28	609	NA	Y	1	NL G
29	610	NA	Y	1	NL G
30	611	NA	Y	1	NL G
31	612	NA	Y	1	NL G
32	613	NA	Y	1	NL G
33	614	NA	Y	1	NL G
34	615	NA	Y	1	NL G
35	616	NA	Y	1	NL G
36	617	NA	Y	1	NL G
37	618	NA	Y	1	NL G
38	619	NA	Y	1	NL G
39	620	NA	Y	1	NL G
40	621	NA	Y	1	NL G
41	622	NA	Y	1	NL G
42	623	NA	Y	1	NL G
43	624	NA	Y	1	NL G
44	625	NA	Y	1	NL G
45	626	NA	Y	1	NL G
46	627	NA	Y	1	NL G
47	687	NA	Y	1	NL G
48	688	NA	Y	1	NL G
49	689	NA	Y	1	NL G
50	690	NA	Y	1	NL G
51	691	NA	Y	1	NL G
52	692	NA	Y	1	NL G

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Spring No	Nodes From/ To		Direction	Stiffness No.	Spring Type
53	693	NA	Y	1	NL G
54	694	NA	Y	1	NL G
55	695	NA	Y	1	NL G
56	696	NA	Y	1	NL G
57	697	NA	Y	1	NL G
58	698	NA	Y	1	NL G
59	699	NA	Y	1	NL G
60	700	NA	Y	1	NL G
61	701	NA	Y	1	NL G
62	702	NA	Y	1	NL G
63	703	NA	Y	1	NL G
64	704	NA	Y	1	NL G
65	705	NA	Y	1	NL G
66	706	NA	Y	1	NL G
67	707	NA	Y	1	NL G
68	708	NA	Y	1	NL G
69	709	NA	Y	1	NL G
70	710	NA	Y	1	NL G
71	711	NA	Y	1	NL G
72	712	NA	Y	1	NL G
73	713	NA	Y	1	NL G
74	714	NA	Y	1	NL G
75	715	NA	Y	1	NL G
76	716	NA	Y	1	NL G

RESTRAINTS

Node No	Global/Local	Restraint Directions
733	GLOBAL	- - Z - - -
734	GLOBAL	- - Z - - -
735	GLOBAL	- - Z - - -
740	GLOBAL	X - - - - -
741	GLOBAL	X - - - - -
742	GLOBAL	X - - - - -
743	GLOBAL	X - - - - -
744	GLOBAL	X - - - - -
745	GLOBAL	X - - - - -

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SOLVE BEAM LOADS/STRESSES Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:E

MAXIMUM STRESS SUMMARY FOR BEAMS/TRUSSES
WITHIN SPECIFIED RANGE 1- 294

Maximum (absolute) Stress = .2032E+05 at BEAM 40

Beam	Axial	Y-Shear	Z-Shear	Torsion	Y-Bending	Z-Bending
40	.5467E+03	-.3539E+03	-.2002E+04	-.2255E+04	.1823E+05	.1537E+04
	Maximum	Minimum	Cmb. Shear			
	.2032E+05	-.1922E+05	.1040E+05			

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SOLVE PLATE LOADS/STRESSES Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:E

MAXIMUM STRESS SUMMARY FOR PLATES
WITHIN SPECIFIED RANGE 1- 637

Maximum (absolute) Stress = .5752E+04 at Plate 435

Plate	Sigma X	Sigma Y	Tau XY	Von Mises
435	.4267E+03	.5784E+03	.3307E+04	.5752E+04

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SOLVE SPRING LOADS Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:E

SPRING LOADS

Type	Node	Fx	Fy	Fz	Mx	My	Mz
			GSPRG NO. 1				
GLoads	508	.0000E+00	-.7691E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 2				
GLoads	524	.0000E+00	-.7025E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 3				
GLoads	529	.0000E+00	-.1261E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 4				
GLoads	545	.0000E+00	-.2442E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 5				
GLoads	550	.0000E+00	-.2795E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 6				
GLoads	566	.0000E+00	-.3935E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 7				
oads	571	.0000E+00	-.4665E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 8				
GLoads	587	.0000E+00	-.4313E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 9				
GLoads	590	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 10				
GLoads	591	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 11				
GLoads	592	.0000E+00	-.2316E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 12				
GLoads	593	.0000E+00	-.5349E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 13				
GLoads	594	.0000E+00	-.8018E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 14				
GLoads	595	.0000E+00	-.8195E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 15				
GLoads	596	.0000E+00	-.6863E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 16				
GLoads	597	.0000E+00	-.5295E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 17				
GLoads	598	.0000E+00	-.4313E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 18				
GLoads	599	.0000E+00	-.5409E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 19				
GLoads	600	.0000E+00	-.4394E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 20				
oLoads	601	.0000E+00	-.5023E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:E

Type	Node	Fx	Fy	Fz	Mx	My	Mz
			GSPRG NO. 21				
GLoads	602	.0000E+00	-.4845E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 22				
GLoads	603	.0000E+00	-.3437E+02	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 23				
GLoads	604	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 24				
GLoads	605	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 25				
GLoads	606	.0000E+00	-.3963E+02	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 26				
GLoads	607	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 27				
GLoads	608	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 28				
oads	609	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 29				
GLoads	610	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 30				
GLoads	611	.0000E+00	-.4128E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 31				
GLoads	612	.0000E+00	-.1255E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 32				
GLoads	613	.0000E+00	-.3099E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 33				
GLoads	614	.0000E+00	-.1302E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 34				
GLoads	615	.0000E+00	-.5648E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 35				
GLoads	616	.0000E+00	-.5889E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 36				
GLoads	617	.0000E+00	-.1515E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 37				
GLoads	618	.0000E+00	-.1140E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 38				
GLoads	619	.0000E+00	-.1466E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 39				
GLoads	620	.0000E+00	-.5603E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 40				
GLoads	621	.0000E+00	-.3783E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 41				
oLoads	622	.0000E+00	-.5661E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:E

Type	Node	Fx	Fy	Fz	Mx	My	Mz
			GSPRG NO. 42				
GLoads	623	.0000E+00	-.1076E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 43				
GLoads	624	.0000E+00	-.4923E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 44				
GLoads	625	.0000E+00	-.2302E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 45				
GLoads	626	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 46				
GLoads	627	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 47				
GLoads	687	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 48				
GLoads	688	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 49				
oads	689	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 50				
GLoads	690	.0000E+00	-.9124E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 51				
GLoads	691	.0000E+00	-.3019E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 52				
GLoads	692	.0000E+00	-.1190E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 53				
GLoads	693	.0000E+00	-.7970E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 54				
GLoads	694	.0000E+00	-.6247E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 55				
GLoads	695	.0000E+00	-.7781E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 56				
GLoads	696	.0000E+00	-.1390E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 57				
GLoads	697	.0000E+00	-.1823E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 58				
GLoads	698	.0000E+00	-.5448E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 59				
GLoads	699	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 60				
GLoads	700	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 61				
GLoads	701	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 62				
oLoads	702	.0000E+00	-.4857E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:E

Type	Node	Fx	Fy	Fz	Mx	My	Mz
			GSPRG NO. 63				
GLoads	703	.0000E+00	-.1096E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 64				
GLoads	704	.0000E+00	-.8335E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 65				
GLoads	705	.0000E+00	-.1076E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 66				
GLoads	706	.0000E+00	-.2860E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 67				
GLoads	707	.0000E+00	-.1525E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 68				
GLoads	708	.0000E+00	-.8414E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 69				
GLoads	709	.0000E+00	-.6030E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 70				
oads	710	.0000E+00	-.8185E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 71				
GLoads	711	.0000E+00	-.1707E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 72				
GLoads	712	.0000E+00	-.1734E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 73				
GLoads	713	.0000E+00	-.6932E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 74				
GLoads	714	.0000E+00	-.5316E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 75				
GLoads	715	.0000E+00	-.6713E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 76				
GLoads	716	.0000E+00	-.3121E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00

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SOLVE REACTIONS Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:E

REACTIONS

Node	Fx	Fy	Fz	Mx	My	Mz
733	.0000E+00	.0000E+00	-.1357E+05	.0000E+00	.0000E+00	.0000E+00
734	.0000E+00	.0000E+00	-.5933E+04	.0000E+00	.0000E+00	.0000E+00
735	.0000E+00	.0000E+00	-.1325E+05	.0000E+00	.0000E+00	.0000E+00
740	-.8847E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
741	-.2203E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
742	-.5381E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
743	-.5158E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
744	-.3021E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
745	-.8144E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

KAISER ENGINEERS
HANFORD

Calc. No. W320-24-003
Revision 0
Page No. 1 of 3

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/10/94
Checked 5/18/94
Revised N/A

By M. B. Lasota
By George J. Zeyer
By N/A

Attachment 6.

Static Analysis - UBC seismic at Cold Test Facility - Run ID=KM16647

Date: 04-30-1994; Time: 14:52:10

TOTAL 20 PAGES + 3 COVER SHTS.

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CHECK GEOMETRY Version 2.0 07/01/90

MATERIAL PROPERTIES

Material No	Modulus of Elasticity	Weight Density	Coeff of Thermal Exp.	Poisson's Ratio	Shear Web Modulus
1	3.00000E+07	2.84000E-01	0.00000E+00	3.00E-01	1.12000E+07
2	1.00000E+09	1.00000E-09	0.00000E+00	3.00E-01	3.85000E+08
3	3.00000E+07	2.83000E-01	0.00000E+00	3.00E-01	1.12000E+07

NONLINEAT SPRING CONSTANTS

Spring Const.	S T I F F N E S S KT1	KC1	KT2	KC2	Limit Displacement Tension	Compression
1	1.000E+07	0.000E+00	1.000E+07	0.000E+00	0.000E+00	0.000E+00

NODE COORDINATES

Node	X-Coord.	Y-Coord.	Z-Coord.
1	0.00000E+00	0.00000E+00	7.80000E+01
2	4.00000E+00	0.00000E+00	7.80000E+01
3	1.30000E+01	0.00000E+00	7.80000E+01
4	2.25000E+01	0.00000E+00	7.80000E+01
5	3.30000E+01	0.00000E+00	7.80000E+01
6	4.50000E+01	0.00000E+00	7.80000E+01
7	6.10000E+01	0.00000E+00	7.80000E+01
8	7.10000E+01	0.00000E+00	7.80000E+01
9	8.10000E+01	0.00000E+00	7.80000E+01
10	9.10000E+01	0.00000E+00	7.80000E+01
11	1.01000E+02	0.00000E+00	7.80000E+01
12	1.11000E+02	0.00000E+00	7.80000E+01
13	1.21000E+02	0.00000E+00	7.80000E+01
14	1.29000E+02	0.00000E+00	7.80000E+01
15	1.41000E+02	0.00000E+00	7.80000E+01
16	1.53000E+02	0.00000E+00	7.80000E+01
17	1.59500E+02	0.00000E+00	7.80000E+01
18	1.73000E+02	0.00000E+00	7.80000E+01
19	1.82000E+02	0.00000E+00	7.80000E+01
20	1.86000E+02	0.00000E+00	7.80000E+01
21	0.00000E+00	0.00000E+00	8.80000E+01

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CHECK GEOMETRY Version 2.0 07/01/90

Node	X-Coord.	Y-Coord.	Z-Coord.
22	4.00000E+00	0.00000E+00	8.80000E+01
23	1.30000E+01	0.00000E+00	8.80000E+01
24	2.25000E+01	0.00000E+00	8.80000E+01
25	3.30000E+01	0.00000E+00	8.80000E+01
26	4.50000E+01	0.00000E+00	8.80000E+01
27	6.10000E+01	0.00000E+00	8.80000E+01
28	1.21000E+02	0.00000E+00	8.80000E+01
29	1.29000E+02	0.00000E+00	8.80000E+01
30	1.41000E+02	0.00000E+00	8.80000E+01
31	1.53000E+02	0.00000E+00	8.80000E+01
32	1.59500E+02	0.00000E+00	8.80000E+01
33	1.73000E+02	0.00000E+00	8.80000E+01
34	1.82000E+02	0.00000E+00	8.80000E+01
35	1.86000E+02	0.00000E+00	8.80000E+01
36	0.00000E+00	0.00000E+00	9.80000E+01
37	4.00000E+00	0.00000E+00	9.80000E+01
38	1.30000E+01	0.00000E+00	9.80000E+01
39	2.25000E+01	0.00000E+00	9.80000E+01
40	3.30000E+01	0.00000E+00	9.80000E+01
41	4.50000E+01	0.00000E+00	9.80000E+01
42	6.10000E+01	0.00000E+00	9.80000E+01
43	1.21000E+02	0.00000E+00	9.80000E+01
44	1.29000E+02	0.00000E+00	9.80000E+01
45	1.41000E+02	0.00000E+00	9.80000E+01
46	1.53000E+02	0.00000E+00	9.80000E+01
47	1.59500E+02	0.00000E+00	9.80000E+01
48	1.73000E+02	0.00000E+00	9.80000E+01
49	1.82000E+02	0.00000E+00	9.80000E+01
50	1.86000E+02	0.00000E+00	9.80000E+01
51	0.00000E+00	0.00000E+00	1.08000E+02
52	4.00000E+00	0.00000E+00	1.08000E+02
53	1.30000E+01	0.00000E+00	1.08000E+02
54	2.25000E+01	0.00000E+00	1.08000E+02
55	3.30000E+01	0.00000E+00	1.08000E+02
56	4.50000E+01	0.00000E+00	1.08000E+02
57	6.10000E+01	0.00000E+00	1.08000E+02
58	1.21000E+02	0.00000E+00	1.08000E+02
59	1.29000E+02	0.00000E+00	1.08000E+02
60	1.41000E+02	0.00000E+00	1.08000E+02
61	1.53000E+02	0.00000E+00	1.08000E+02
62	1.59500E+02	0.00000E+00	1.08000E+02
63	1.73000E+02	0.00000E+00	1.08000E+02

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Node	X-Coord.	Y-Coord.	Z-Coord.
64	1.82000E+02	0.00000E+00	1.08000E+02
65	1.86000E+02	0.00000E+00	1.08000E+02
66	0.00000E+00	0.00000E+00	1.18000E+02
67	4.00000E+00	0.00000E+00	1.18000E+02
68	1.30000E+01	0.00000E+00	1.18000E+02
69	2.25000E+01	0.00000E+00	1.18000E+02
70	3.30000E+01	0.00000E+00	1.18000E+02
71	4.50000E+01	0.00000E+00	1.18000E+02
72	6.10000E+01	0.00000E+00	1.18000E+02
73	1.21000E+02	0.00000E+00	1.18000E+02
74	1.29000E+02	0.00000E+00	1.18000E+02
75	1.41000E+02	0.00000E+00	1.18000E+02
76	1.53000E+02	0.00000E+00	1.18000E+02
77	1.59500E+02	0.00000E+00	1.18000E+02
78	1.73000E+02	0.00000E+00	1.18000E+02
79	1.82000E+02	0.00000E+00	1.18000E+02
80	1.86000E+02	0.00000E+00	1.18000E+02
81	0.00000E+00	0.00000E+00	1.28000E+02
82	4.00000E+00	0.00000E+00	1.28000E+02
83	1.30000E+01	0.00000E+00	1.28000E+02
84	2.25000E+01	0.00000E+00	1.28000E+02
85	3.30000E+01	0.00000E+00	1.28000E+02
86	4.50000E+01	0.00000E+00	1.28000E+02
87	6.10000E+01	0.00000E+00	1.28000E+02
88	1.21000E+02	0.00000E+00	1.28000E+02
89	1.29000E+02	0.00000E+00	1.28000E+02
90	1.41000E+02	0.00000E+00	1.28000E+02
91	1.53000E+02	0.00000E+00	1.28000E+02
92	1.59500E+02	0.00000E+00	1.28000E+02
93	1.73000E+02	0.00000E+00	1.28000E+02
94	1.82000E+02	0.00000E+00	1.28000E+02
95	1.86000E+02	0.00000E+00	1.28000E+02
96	0.00000E+00	0.00000E+00	1.38000E+02
97	4.00000E+00	0.00000E+00	1.38000E+02
98	1.30000E+01	0.00000E+00	1.38000E+02
99	2.25000E+01	0.00000E+00	1.38000E+02
100	3.30000E+01	0.00000E+00	1.38000E+02
101	4.50000E+01	0.00000E+00	1.38000E+02
102	6.10000E+01	0.00000E+00	1.38000E+02
103	7.10000E+01	0.00000E+00	1.38000E+02
104	8.10000E+01	0.00000E+00	1.38000E+02
105	9.10000E+01	0.00000E+00	1.38000E+02

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Node	X-Coord.	Y-Coord.	Z-Coord.
106	1.01000E+02	0.00000E+00	1.38000E+02
107	1.11000E+02	0.00000E+00	1.38000E+02
108	1.21000E+02	0.00000E+00	1.38000E+02
109	1.29000E+02	0.00000E+00	1.38000E+02
110	1.41000E+02	0.00000E+00	1.38000E+02
111	1.53000E+02	0.00000E+00	1.38000E+02
112	1.59500E+02	0.00000E+00	1.38000E+02
113	1.73000E+02	0.00000E+00	1.38000E+02
114	1.82000E+02	0.00000E+00	1.38000E+02
115	1.86000E+02	0.00000E+00	1.38000E+02
116	9.10000E+01	0.00000E+00	8.07500E+01
117	9.80528E+01	0.00000E+00	8.16785E+01
118	1.04625E+02	0.00000E+00	8.44008E+01
119	1.10269E+02	0.00000E+00	8.87314E+01
120	1.14599E+02	0.00000E+00	9.43750E+01
121	1.17322E+02	0.00000E+00	1.00947E+02
122	1.18250E+02	0.00000E+00	1.08000E+02
123	1.17322E+02	0.00000E+00	1.15053E+02
124	1.14599E+02	0.00000E+00	1.21625E+02
125	1.10269E+02	0.00000E+00	1.27269E+02
126	1.04625E+02	0.00000E+00	1.31599E+02
127	9.80528E+01	0.00000E+00	1.34322E+02
128	9.10000E+01	0.00000E+00	1.35250E+02
129	8.39472E+01	0.00000E+00	1.34322E+02
130	7.73750E+01	0.00000E+00	1.31599E+02
131	7.17314E+01	0.00000E+00	1.27269E+02
132	6.74008E+01	0.00000E+00	1.21625E+02
133	6.46785E+01	0.00000E+00	1.15053E+02
134	6.37500E+01	0.00000E+00	1.08000E+02
135	6.46785E+01	0.00000E+00	1.00947E+02
136	6.74008E+01	0.00000E+00	9.43750E+01
137	7.17314E+01	0.00000E+00	8.87314E+01
138	7.73750E+01	0.00000E+00	8.44008E+01
139	8.39472E+01	0.00000E+00	8.16785E+01
140	9.10000E+01	0.00000E+00	8.88750E+01
141	9.59499E+01	0.00000E+00	8.95267E+01
142	1.00563E+02	0.00000E+00	9.14373E+01
143	1.04523E+02	0.00000E+00	9.44766E+01
144	1.07563E+02	0.00000E+00	9.84375E+01
145	1.09473E+02	0.00000E+00	1.03050E+02
146	1.10125E+02	0.00000E+00	1.08000E+02
147	1.09473E+02	0.00000E+00	1.12950E+02

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Node	X-Coord.	Y-Coord.	Z-Coord.
148	1.07563E+02	0.00000E+00	1.17563E+02
149	1.04523E+02	0.00000E+00	1.21523E+02
150	1.00563E+02	0.00000E+00	1.24563E+02
151	9.59499E+01	0.00000E+00	1.26473E+02
152	9.10000E+01	0.00000E+00	1.27125E+02
153	8.60501E+01	0.00000E+00	1.26473E+02
154	8.14375E+01	0.00000E+00	1.24563E+02
155	7.74766E+01	0.00000E+00	1.21523E+02
156	7.44373E+01	0.00000E+00	1.17563E+02
157	7.25267E+01	0.00000E+00	1.12950E+02
158	7.18750E+01	0.00000E+00	1.08000E+02
159	7.25267E+01	0.00000E+00	1.03050E+02
160	7.44373E+01	0.00000E+00	9.84375E+01
161	7.74766E+01	0.00000E+00	9.44766E+01
162	8.14375E+01	0.00000E+00	9.14373E+01
163	8.60501E+01	0.00000E+00	8.95267E+01
164	-4.60000E+00	-7.00000E+00	7.80000E+01
165	0.00000E+00	-7.00000E+00	7.80000E+01
166	4.00000E+00	-7.00000E+00	7.80000E+01
167	1.30000E+01	-7.00000E+00	7.80000E+01
168	2.25000E+01	-7.00000E+00	7.80000E+01
169	3.30000E+01	-7.00000E+00	7.80000E+01
170	4.50000E+01	-7.00000E+00	7.80000E+01
171	6.10000E+01	-7.00000E+00	7.80000E+01
172	6.90000E+01	-7.00000E+00	7.80000E+01
173	8.10000E+01	-7.00000E+00	7.80000E+01
174	9.30000E+01	-7.00000E+00	7.80000E+01
175	1.05000E+02	-7.00000E+00	7.80000E+01
176	1.21000E+02	-7.00000E+00	7.80000E+01
177	1.29000E+02	-7.00000E+00	7.80000E+01
178	1.41000E+02	-7.00000E+00	7.80000E+01
179	1.53000E+02	-7.00000E+00	7.80000E+01
180	1.59500E+02	-7.00000E+00	7.80000E+01
181	1.73000E+02	-7.00000E+00	7.80000E+01
182	1.82000E+02	-7.00000E+00	7.80000E+01
183	1.86000E+02	-7.00000E+00	7.80000E+01
184	1.90600E+02	-7.00000E+00	7.80000E+01
185	-4.60000E+00	-7.00000E+00	1.38000E+02
186	0.00000E+00	-7.00000E+00	1.38000E+02
187	4.00000E+00	-7.00000E+00	1.38000E+02
188	1.30000E+01	-7.00000E+00	1.38000E+02
189	2.25000E+01	-7.00000E+00	1.38000E+02

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Node	X-Coord.	Y-Coord.	Z-Coord.
190	3.30000E+01	-7.00000E+00	1.38000E+02
191	4.50000E+01	-7.00000E+00	1.38000E+02
192	6.10000E+01	-7.00000E+00	1.38000E+02
193	6.90000E+01	-7.00000E+00	1.38000E+02
194	8.10000E+01	-7.00000E+00	1.38000E+02
195	9.30000E+01	-7.00000E+00	1.38000E+02
196	1.05000E+02	-7.00000E+00	1.38000E+02
197	1.17000E+02	-7.00000E+00	1.38000E+02
198	1.21000E+02	-7.00000E+00	1.38000E+02
199	1.41000E+02	-7.00000E+00	1.38000E+02
200	1.53000E+02	-7.00000E+00	1.38000E+02
201	1.59500E+02	-7.00000E+00	1.38000E+02
202	1.73000E+02	-7.00000E+00	1.38000E+02
203	1.82000E+02	-7.00000E+00	1.38000E+02
204	1.86000E+02	-7.00000E+00	1.38000E+02
205	1.90600E+02	-7.00000E+00	1.38000E+02
206	6.10000E+01	-7.00000E+00	8.80000E+01
207	6.10000E+01	-7.00000E+00	9.80000E+01
208	6.10000E+01	-7.00000E+00	1.08000E+02
209	6.10000E+01	-7.00000E+00	1.18000E+02
210	6.10000E+01	-7.00000E+00	1.28000E+02
211	1.21000E+02	-7.00000E+00	8.80000E+01
212	1.21000E+02	-7.00000E+00	9.80000E+01
213	1.21000E+02	-7.00000E+00	1.08000E+02
214	1.21000E+02	-7.00000E+00	1.18000E+02
215	1.21000E+02	-7.00000E+00	1.28000E+02
216	4.00000E+00	-7.00000E+00	8.80000E+01
217	4.00000E+00	-7.00000E+00	9.80000E+01
218	4.00000E+00	-7.00000E+00	1.08000E+02
219	4.00000E+00	-7.00000E+00	1.18000E+02
220	4.00000E+00	-7.00000E+00	1.28000E+02
221	1.82000E+02	-7.00000E+00	8.80000E+01
222	1.82000E+02	-7.00000E+00	9.80000E+01
223	1.82000E+02	-7.00000E+00	1.08000E+02
224	1.82000E+02	-7.00000E+00	1.18000E+02
225	1.82000E+02	-7.00000E+00	1.28000E+02
226	-4.60000E+00	-2.10000E+01	7.80000E+01
227	-4.60000E+00	-2.10000E+01	1.38000E+02
228	1.90600E+02	-2.10000E+01	7.80000E+01
229	1.90600E+02	-2.10000E+01	1.38000E+02
230	9.10000E+01	2.25000E+01	9.76200E+01
231	9.10000E+01	2.05000E+01	9.76200E+01

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Node	X-Coord.	Y-Coord.	Z-Coord.
232	-9.25000E+00	-7.00000E+00	7.80000E+01
233	-9.25000E+00	-7.00000E+00	1.38000E+02
234	1.95250E+02	-7.00000E+00	7.80000E+01
235	1.95250E+02	-7.00000E+00	1.38000E+02
236	6.10000E+01	-7.00000E+00	3.95000E+01
237	1.21000E+02	-7.00000E+00	3.95000E+01
238	6.10000E+01	-7.00000E+00	3.04300E+01
239	1.21000E+02	-7.00000E+00	3.04300E+01
240	6.10000E+01	-2.10000E+01	3.04300E+01
241	1.21000E+02	-2.10000E+01	3.04300E+01

BEAM PROPERTIES

Multiplier = 1 (For AISC database properties only)

Prop No	N a m e
4	W10X22

Prop No	X-Section Area	Moment of Inertia Iy / Iz		Torsional Const.- J
1	1.030E+01	2.451E+01	2.850E+02	7.409E-01
2	5.268E+00	7.973E+00	6.190E+01	1.701E-01
3	1.441E+01	9.340E+01	2.720E+02	1.390E+00
4	6.491E+00	1.140E+01	1.180E+02	2.403E-01

Prop No	Max. Fiber Dist Cy / Cz		Shear Shape Fact SSFy / SSFz		Ctors	Shear Stress Factor SSTRFy / SSTRFz	
1	3.28E+00	6.25E+00	2.75E+00	1.51E+00	5.20E-01	3.05E+00	2.26E+00
2	2.62E+00	4.07E+00	2.81E+00	1.52E+00	3.30E-01	3.10E+00	2.27E+00
3	4.99E+00	4.98E+00	4.25E+00	1.29E+00	5.60E-01	4.63E+00	1.93E+00
4	2.87E+00	5.09E+00	2.66E+00	1.57E+00	3.60E-01	2.94E+00	2.35E+00

BEAM CONNECTIVITY

Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I / J		Length	Beam Type
1	164	165	1	1	3		0.00E+00	0.00E+00	0.46E+01	Beam

IMAGES 3D

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Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I / J		Length	Beam Type
2	165	166	1	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
3	166	167	1	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
4	167	168	1	1	3		0.00E+00	0.00E+00	0.95E+01	Beam
5	168	169	1	1	3		0.00E+00	0.00E+00	0.11E+02	Beam
6	169	170	1	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
7	170	171	1	1	3		0.00E+00	0.00E+00	0.16E+02	Beam
8	171	172	1	1	3		0.00E+00	0.00E+00	0.80E+01	Beam
9	172	173	1	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
10	173	174	1	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
11	174	175	1	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
12	175	176	1	1	3		0.00E+00	0.00E+00	0.16E+02	Beam
13	176	177	1	1	3		0.00E+00	0.00E+00	0.80E+01	Beam
14	177	178	1	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
15	178	179	1	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
16	179	180	1	1	3		0.00E+00	0.00E+00	0.65E+01	Beam
17	180	181	1	1	3		0.00E+00	0.00E+00	0.14E+02	Beam
18	181	182	1	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
19	182	183	1	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
20	183	184	1	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
21	185	186	96	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
22	186	187	96	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
23	187	188	96	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
24	188	189	96	1	3		0.00E+00	0.00E+00	0.95E+01	Beam
25	189	190	96	1	3		0.00E+00	0.00E+00	0.11E+02	Beam
26	190	191	96	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
27	191	192	96	1	3		0.00E+00	0.00E+00	0.16E+02	Beam
28	192	193	96	1	3		0.00E+00	0.00E+00	0.80E+01	Beam
29	193	194	96	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
30	194	195	96	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
31	195	196	96	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
32	196	197	96	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
33	197	198	96	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
34	198	199	96	1	3		0.00E+00	0.00E+00	0.20E+02	Beam
35	199	200	96	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
36	200	201	96	1	3		0.00E+00	0.00E+00	0.65E+01	Beam
37	201	202	96	1	3		0.00E+00	0.00E+00	0.14E+02	Beam
38	202	203	96	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
39	203	204	96	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
40	204	205	96	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
41	171	206	7	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
42	206	207	7	1	3		0.00E+00	0.00E+00	0.10E+02	Beam

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Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J		Rigid End Offset I / J		Length	Beam Type
43	207	208	7	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
44	208	209	7	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
45	209	210	7	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
46	210	192	7	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
47	176	211	13	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
48	211	212	13	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
49	212	213	13	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
50	213	214	13	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
51	214	215	13	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
52	215	198	13	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
53	166	216	2	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
54	216	217	2	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
55	217	218	2	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
56	218	219	2	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
57	219	220	2	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
58	220	187	2	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
59	182	221	19	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
60	221	222	19	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
61	222	223	19	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
62	223	224	19	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
63	224	225	19	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
64	225	203	19	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
65	226	164	165	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
66	227	185	186	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
67	228	184	183	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
68	229	205	204	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
69	116	230	231	3	2	56		0.00E+00	0.00E+00	0.28E+02	Beam
70	117	230	231	3	2	56		0.00E+00	0.00E+00	0.28E+02	Beam
71	118	230	231	3	2	56		0.00E+00	0.00E+00	0.29E+02	Beam
72	119	230	231	3	2	56		0.00E+00	0.00E+00	0.31E+02	Beam
73	120	230	231	3	2	56		0.00E+00	0.00E+00	0.33E+02	Beam
74	121	230	231	3	2	56		0.00E+00	0.00E+00	0.35E+02	Beam
75	122	230	231	3	2	56		0.00E+00	0.00E+00	0.37E+02	Beam
76	123	230	231	3	2	56		0.00E+00	0.00E+00	0.39E+02	Beam
77	124	230	231	3	2	56		0.00E+00	0.00E+00	0.40E+02	Beam
78	125	230	231	3	2	56		0.00E+00	0.00E+00	0.42E+02	Beam
79	126	230	231	3	2	56		0.00E+00	0.00E+00	0.43E+02	Beam
80	127	230	231	3	2	56		0.00E+00	0.00E+00	0.44E+02	Beam
81	128	230	231	3	2	56		0.00E+00	0.00E+00	0.44E+02	Beam
82	129	230	231	3	2	56		0.00E+00	0.00E+00	0.44E+02	Beam
83	130	230	231	3	2	56		0.00E+00	0.00E+00	0.43E+02	Beam

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Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I / J		Length	Beam Type
84	131	230	231	3	2	56	0.00E+00	0.00E+00	0.42E+02	Beam
85	132	230	231	3	2	56	0.00E+00	0.00E+00	0.40E+02	Beam
86	133	230	231	3	2	56	0.00E+00	0.00E+00	0.39E+02	Beam
87	134	230	231	3	2	56	0.00E+00	0.00E+00	0.37E+02	Beam
88	135	230	231	3	2	56	0.00E+00	0.00E+00	0.35E+02	Beam
89	136	230	231	3	2	56	0.00E+00	0.00E+00	0.33E+02	Beam
90	137	230	231	3	2	56	0.00E+00	0.00E+00	0.31E+02	Beam
91	138	230	231	3	2	56	0.00E+00	0.00E+00	0.29E+02	Beam
92	139	230	231	3	2	56	0.00E+00	0.00E+00	0.28E+02	Beam
93	230	231	116	3	2		0.00E+00	0.00E+00	0.20E+01	Beam
94	232	164	226	1	3		0.00E+00	0.00E+00	0.47E+01	Beam
95	233	185	227	1	3		0.00E+00	0.00E+00	0.47E+01	Beam
96	184	234	228	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
97	205	235	229	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
98	240	238	236	2	3		0.00E+00	0.00E+00	0.14E+02	Beam
99	238	236	240	4	3		0.00E+00	0.00E+00	0.91E+01	Beam
100	236	171	240	4	3		0.00E+00	0.00E+00	0.39E+02	Beam
101	241	239	237	2	3		0.00E+00	0.00E+00	0.14E+02	Beam
102	239	237	241	4	3		0.00E+00	0.00E+00	0.91E+01	Beam
103	237	176	241	4	3		0.00E+00	0.00E+00	0.39E+02	Beam

PLATE ELEMENT CONNECTIVITY

Plate No.		Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	1	1	2	22	21	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	2	2	3	23	22	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	3	3	4	24	23	1	1.500E+00	9.500E+01		9.500E-01	M+B
QUAD	4	4	5	25	24	1	1.500E+00	1.050E+02		1.050E+00	M+B
QUAD	5	5	6	26	25	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	6	6	7	27	26	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	7	13	14	29	28	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	8	14	15	30	29	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	9	15	16	31	30	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	10	16	17	32	31	1	1.500E+00	6.500E+01		6.500E-01	M+B
QUAD	11	17	18	33	32	1	1.500E+00	1.350E+02		1.350E+00	M+B
QUAD	12	18	19	34	33	1	1.500E+00	9.000E+01		9.000E-01	M+B

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Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	13	19	20	35	34	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	14	21	22	37	36	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	15	22	23	38	37	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	16	23	24	39	38	1	1.500E+00	9.500E+01		9.500E-01	M+B
QUAD	17	24	25	40	39	1	1.500E+00	1.050E+02		1.050E+00	M+B
QUAD	18	25	26	41	40	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	19	26	27	42	41	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	20	28	29	44	43	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	21	29	30	45	44	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	22	30	31	46	45	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	23	31	32	47	46	1	1.500E+00	6.500E+01		6.500E-01	M+B
QUAD	24	32	33	48	47	1	1.500E+00	1.350E+02		1.350E+00	M+B
QUAD	25	33	34	49	48	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	26	34	35	50	49	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	27	36	37	52	51	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	28	37	38	53	52	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	29	38	39	54	53	1	1.500E+00	9.500E+01		9.500E-01	M+B
QUAD	30	39	40	55	54	1	1.500E+00	1.050E+02		1.050E+00	M+B
QUAD	31	40	41	56	55	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	32	41	42	57	56	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	33	43	44	59	58	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	34	44	45	60	59	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	35	45	46	61	60	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	36	46	47	62	61	1	1.500E+00	6.500E+01		6.500E-01	M+B
QUAD	37	47	48	63	62	1	1.500E+00	1.350E+02		1.350E+00	M+B
QUAD	38	48	49	64	63	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	39	49	50	65	64	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	40	51	52	67	66	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	41	52	53	68	67	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	42	53	54	69	68	1	1.500E+00	9.500E+01		9.500E-01	M+B
QUAD	43	54	55	70	69	1	1.500E+00	1.050E+02		1.050E+00	M+B
QUAD	44	55	56	71	70	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	45	56	57	72	71	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	46	58	59	74	73	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	47	59	60	75	74	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	48	60	61	76	75	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	49	61	62	77	76	1	1.500E+00	6.500E+01		6.500E-01	M+B
QUAD	50	62	63	78	77	1	1.500E+00	1.350E+02		1.350E+00	M+B
QUAD	51	63	64	79	78	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	52	64	65	80	79	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	53	66	67	82	81	1	1.500E+00	4.000E+01		4.000E-01	M+B

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Plate No.		Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	54	67	68	83	82	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	55	68	69	84	83	1	1.500E+00	9.500E+01		9.500E-01	M+B
QUAD	56	69	70	85	84	1	1.500E+00	1.050E+02		1.050E+00	M+B
QUAD	57	70	71	86	85	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	58	71	72	87	86	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	59	73	74	89	88	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	60	74	75	90	89	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	61	75	76	91	90	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	62	76	77	92	91	1	1.500E+00	6.500E+01		6.500E-01	M+B
QUAD	63	77	78	93	92	1	1.500E+00	1.350E+02		1.350E+00	M+B
QUAD	64	78	79	94	93	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	65	79	80	95	94	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	66	81	82	97	96	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	67	82	83	98	97	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	68	83	84	99	98	1	1.500E+00	9.500E+01		9.500E-01	M+B
QUAD	69	84	85	100	99	1	1.500E+00	1.050E+02		1.050E+00	M+B
QUAD	70	85	86	101	100	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	71	86	87	102	101	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	72	88	89	109	108	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	73	89	90	110	109	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	74	90	91	111	110	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	75	91	92	112	111	1	1.500E+00	6.500E+01		6.500E-01	M+B
QUAD	76	92	93	113	112	1	1.500E+00	1.350E+02		1.350E+00	M+B
QUAD	77	93	94	114	113	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	78	94	95	115	114	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	79	7	8	138	137	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	80	8	9	139	138	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	81	9	10	116	139	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	82	10	11	117	116	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	83	11	12	118	117	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	84	12	13	119	118	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	85	13	28	120	119	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	86	28	43	121	120	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	87	43	58	122	121	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	88	58	73	123	122	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	89	73	88	124	123	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	90	88	108	125	124	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	91	126	125	108	107	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	92	127	126	107	106	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	93	128	127	106	105	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	94	129	128	105	104	1	1.500E+00	2.809E+01		2.415E+00	M+B

IMAGES 3D

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CHECK GEOMETRY Version 2.0 07/01/90

Plate	Plate No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	95	130	129	104	103	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	96	131	130	103	102	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	97	132	131	102	87	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	98	133	132	87	72	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	99	134	133	72	57	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	100	135	134	57	42	1	1.500E+00	2.809E+01		2.415E+00	M+B
QUAD	101	136	135	42	27	1	1.500E+00	4.810E+01		1.223E+00	M+B
QUAD	102	137	136	27	7	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	103	116	117	141	140	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	104	117	118	142	141	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	105	118	119	143	142	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	106	119	120	144	143	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	107	120	121	145	144	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	108	121	122	146	145	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	109	122	123	147	146	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	110	123	124	148	147	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	111	124	125	149	148	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	112	125	126	150	149	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	113	126	127	151	150	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	114	127	128	152	151	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	115	128	129	153	152	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	116	129	130	154	153	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	117	130	131	155	154	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	118	131	132	156	155	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	119	132	133	157	156	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	120	133	134	158	157	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	121	134	135	159	158	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	122	135	136	160	159	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	123	136	137	161	160	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	124	137	138	162	161	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	125	138	139	163	162	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	126	139	116	140	163	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	127	1	2	166	165	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	128	2	3	167	166	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	129	3	4	168	167	3	2.500E-01	6.650E+01		1.357E+00	M+B
QUAD	130	4	5	169	168	3	2.500E-01	7.350E+01		1.500E+00	M+B
QUAD	131	5	6	170	169	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	132	6	7	171	170	3	2.500E-01	1.120E+02		2.286E+00	M+B
QUAD	133	7	8	172	171	3	2.500E-01	6.300E+01		1.273E+00	M+B
QUAD	134	8	9	173	172	3	2.500E-01	7.700E+01		1.556E+00	M+B
QUAD	135	9	10	174	173	3	2.500E-01	7.700E+01		1.556E+00	M+B

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CHECK GEOMETRY Version 2.0 07/01/90

	Plate No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	136	10	11	175	174	3	2.500E-01	7.700E+01		1.444E+00	M+B
TRI	137	11	12	175		3	2.500E-01	3.500E+01		1.414E+00	M+B
QUAD	138	12	13	176	175	3	2.500E-01	9.100E+01		1.707E+00	M+B
QUAD	139	13	14	177	176	3	2.500E-01	5.600E+01		1.143E+00	M+B
QUAD	140	14	15	178	177	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	141	15	16	179	178	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	142	16	17	180	179	3	2.500E-01	4.550E+01		9.286E-01	M+B
QUAD	143	17	18	181	180	3	2.500E-01	9.450E+01		1.929E+00	M+B
QUAD	144	18	19	182	181	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	145	19	20	183	182	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	146	96	97	187	186	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	147	97	98	188	187	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	148	98	99	189	188	3	2.500E-01	6.650E+01		1.357E+00	M+B
QUAD	149	99	100	190	189	3	2.500E-01	7.350E+01		1.500E+00	M+B
QUAD	150	100	101	191	190	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	151	101	102	192	191	3	2.500E-01	1.120E+02		2.286E+00	M+B
QUAD	152	102	103	193	192	3	2.500E-01	6.300E+01		1.273E+00	M+B
QUAD	153	103	104	194	193	3	2.500E-01	7.700E+01		1.556E+00	M+B
QUAD	154	104	105	195	194	3	2.500E-01	7.700E+01		1.556E+00	M+B
QUAD	155	105	106	196	195	3	2.500E-01	7.700E+01		1.444E+00	M+B
QUAD	156	106	107	197	196	3	2.500E-01	7.700E+01		1.279E+00	M+B
QUAD	157	107	108	198	197	3	2.500E-01	4.900E+01		9.191E-01	M+B
TRI	158	108	109	198		3	2.500E-01	2.800E+01		9.923E-01	M+B
QUAD	159	109	110	199	198	3	2.500E-01	1.120E+02		1.985E+00	M+B
QUAD	160	110	111	200	199	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	161	111	112	201	200	3	2.500E-01	4.550E+01		9.286E-01	M+B
QUAD	162	112	113	202	201	3	2.500E-01	9.450E+01		1.929E+00	M+B
QUAD	163	113	114	203	202	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	164	114	115	204	203	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	165	2	22	216	166	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	166	22	37	217	216	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	167	37	52	218	217	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	168	52	67	219	218	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	169	67	82	220	219	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	170	82	97	187	220	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	171	7	27	206	171	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	172	27	42	207	206	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	173	42	57	208	207	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	174	57	72	209	208	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	175	72	87	210	209	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	176	87	102	192	210	3	2.500E-01	7.000E+01		1.429E+00	M+B

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CHECK GEOMETRY Version 2.0 07/01/90

Plate No.		Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	177	13	28	211	176	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	178	28	43	212	211	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	179	43	58	213	212	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	180	58	73	214	213	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	181	73	88	215	214	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	182	88	108	198	215	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	183	19	34	221	182	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	184	34	49	222	221	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	185	49	64	223	222	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	186	64	79	224	223	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	187	79	94	225	224	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	188	94	114	203	225	3	2.500E-01	7.000E+01		1.429E+00	M+B

SPRING ELEMENTS

Spring No	Nodes From/ To		Direction	Stiffness No.	Spring Type
1	168	NA	Y	1	NL G
2	189	NA	Y	1	NL G
3	180	NA	Y	1	NL G
4	201	NA	Y	1	NL G
5	236	NA	Y	1	NL G
6	237	NA	Y	1	NL G

RESTRAINTS

Node No	Global/Local	Restraint Directions

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CHECK GEOMETRY Version 2.0 07/01/90

Node No	Global/Local	Restraint Directions
226	GLOBAL	X - - - - -
227	GLOBAL	X - - - - -
240	GLOBAL	- - Z - - -
241	GLOBAL	- - Z - - -

```
Enter Concentrated Loads
?l
 230)  1.037000E+03 -4.507000E+03  1.037000E+03
       0.   0  E+00  0.   0  E+00  0.   0  E+00
Enter Concentrated Loads
?

                    Change Delete Exit Help List Print Transfer

Current Factors are:
  Gravity Factors           X = 0.23
                            Y =-1
                            Z = 0.23

Enter Gravity Factors
?

                                  Exit Help

Enter Plate Pressures

   1)  4.167000E-01
   2)  4.167000E-01
   3)  4.167000E-01
   4)  4.167000E-01
```

```
   5)  4.167000E-01
   6)  4.167000E-01
   7)  4.167000E-01
   8)  4.167000E-01
   9)  4.167000E-01
  10)  4.167000E-01
  11)  4.167000E-01
  12)  4.167000E-01
  13)  4.167000E-01
  14)  4.167000E-01
  15)  4.167000E-01
  16)  4.167000E-01
  17)  4.167000E-01
  18)  4.167000E-01
  19)  4.167000E-01
  20)  4.167000E-01
Press any key to continue, ESC to end

                    Change Delete Exit Help List Print Transfer

  20)  4.167000E-01
Press any key to continue, ESC to end
  21)  4.167000E-01
  22)  4.167000E-01
  23)  4.167000E-01
  24)  4.167000E-01
  25)  4.167000E-01
  26)  4.167000E-01
  27)  4.167000E-01
  28)  4.167000E-01
  29)  4.167000E-01
  30)  4.167000E-01
  31)  4.167000E-01
  32)  4.167000E-01
  33)  4.167000E-01
  34)  4.167000E-01
  35)  4.167000E-01
  36)  4.167000E-01
  37)  4.167000E-01
  38)  4.167000E-01
  39)  4.167000E-01
  40)  4.167000E-01
Press any key to continue, ESC to end

                    Change Delete Exit Help List Print Transfer

  40)  4.167000E-01
Press any key to continue, ESC to end
  41)  4.167000E-01
  42)  4.167000E-01
  43)  4.167000E-01
  44)  4.167000E-01
  45)  4.167000E-01
  46)  4.167000E-01
  47)  4.167000E-01
  48)  4.167000E-01
  49)  4.167000E-01
  50)  4.167000E-01
  51)  4.167000E-01
  52)  4.167000E-01
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53) 4.167000E-01
54) 4.167000E-01
55) 4.167000E-01
56) 4.167000E-01
57) 4.167000E-01
58) 4.167000E-01
59) 4.167000E-01
60) 4.167000E-01
Press any key to continue, ESC to end

Change Delete Exit Help List Print Transfer

60) 4.167000E-01
Press any key to continue, ESC to end
61) 4.167000E-01
62) 4.167000E-01
63) 4.167000E-01
64) 4.167000E-01
65) 4.167000E-01
66) 4.167000E-01
67) 4.167000E-01
68) 4.167000E-01
69) 4.167000E-01
70) 4.167000E-01
71) 4.167000E-01
72) 4.167000E-01
73) 4.167000E-01
74) 4.167000E-01
75) 4.167000E-01
76) 4.167000E-01
77) 4.167000E-01
78) 4.167000E-01
79) 4.167000E-01
80) 4.167000E-01
Press any key to continue, ESC to end

Change Delete Exit Help List Print Transfer

80) 4.167000E-01
Press any key to continue, ESC to end
81) 4.167000E-01
82) 4.167000E-01
83) 4.167000E-01
84) 4.167000E-01
85) 4.167000E-01
86) 4.167000E-01
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89) 4.167000E-01
90) 4.167000E-01
91) 4.167000E-01
92) 4.167000E-01
93) 4.167000E-01
94) 4.167000E-01
95) 4.167000E-01
96) 4.167000E-01
97) 4.167000E-01
98) 4.167000E-01
99) 4.167000E-01
100) 4.167000E-01

```
Press any key to continue, ESC to end

                    Change Delete Exit Help List Print Transfer

 ,3)  4.167000E-01
  84)  4.167000E-01
  85)  4.167000E-01
  86)  4.167000E-01
  87)  4.167000E-01
  88)  4.167000E-01
  89)  4.167000E-01
  90)  4.167000E-01
  91)  4.167000E-01
  92)  4.167000E-01
  93)  4.167000E-01
  94)  4.167000E-01
  95)  4.167000E-01
  96)  4.167000E-01
  97)  4.167000E-01
  98)  4.167000E-01
  99)  4.167000E-01
 100)  4.167000E-01
Press any key to continue, ESC to end
 101)  4.167000E-01
 102)  4.167000E-01
Enter Plate Pressures
?

                    Change Delete Exit Help List Print Transfer
  WESTINGHOUSE HANFORD COMPANY  S/N:801977                          04/30/94
 PAGE   17                      Run ID=KM16647                     14:57:17
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             SOLVE BEAM LOADS/STRESSES     Version 2.0  07/01/90


 Load Case  1:DWT+LIVE+SEIS (X=0.23 Y=-1.0 Z=0.23)

                MAXIMUM STRESS SUMMARY FOR BEAMS/TRUSSES
                  WITHIN SPECIFIED RANGE    1-  103

          Maximum (absolute) Stress =  .1846E+04 at BEAM    33

  Beam      Axial      Y-Shear     Z-Shear     Torsion    Y-Bending  Z-Bending
  ----  ---------- ---------- ---------- ---------- ---------- ----------
    33   .7032E+03  .4309E+02  .3455E+02 -.2073E+03 -.1542E+03  .9887E+03
         Maximum    Minimum    Cmb. Shear
        ---------- ---------- ----------
         .1846E+04 -.4397E+03  .9461E+03
```

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SOLVE PLATE LOADS/STRESSES Version 2.0 07/01/90

Load Case 1:DWT+LIVE+SEIS (X=0.23 Y=-1.0 Z=0.23)

MAXIMUM STRESS SUMMARY FOR PLATES
WITHIN SPECIFIED RANGE 1- 188

Maximum (absolute) Stress = .1620E+04 at Plate 158

Plate	Sigma X	Sigma Y	Tau XY	Von Mises
158	-.2998E+03	-.6807E+02	-.9222E+03	.1620E+04

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SOLVE SPRING LOADS Version 2.0 07/01/90

Load Case 1:DWT+LIVE+SEIS (X=0.23 Y=-1.0 Z=0.23)

SPRING LOADS

Type	Node	Fx	Fy	Fz	Mx	My	Mz
			GSPRG NO. 1				
GLoads	168	.0000E+00	-.3030E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 2				
GLoads	189	.0000E+00	-.3616E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 3				
GLoads	180	.0000E+00	-.3846E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 4				
GLoads	201	.0000E+00	-.4247E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 5				
GLoads	236	.0000E+00	-.1580E+03	.0000E+00	.0000E+00	.0000E+00	.0000E+00
			GSPRG NO. 6				
GLoads	237	.0000E+00	-.6430E+02	.0000E+00	.0000E+00	.0000E+00	.0000E+00

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SOLVE REACTIONS Version 2.0 07/01/90

Load Case 1:DWT+LIVE+SEIS (X=0.23 Y=-1.0 Z=0.23)

REACTIONS

Node	Fx	Fy	Fz	Mx	My	Mz
226	-.1513E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
227	-.1080E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
240	.0000E+00	.0000E+00	-.1235E+04	.0000E+00	.0000E+00	.0000E+00
241	.0000E+00	.0000E+00	-.1358E+04	.0000E+00	.0000E+00	.0000E+00

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. CR 1257
Date 5/10/94 By M. B. Lasota
Checked 5/18/94 By George J. Lyon
Revised N/A By N/A

Attachment 7.

Stress in the flange from a bolt action - Run ID = XW51612

Date: 04-30-1994; Time: 15:00:19

TOTAL 10 PAGES + 3 COVER SHEETS

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CHECK GEOMETRY Version 2.0 07/01/90

stress in flange due to bolt tension

MATERIAL PROPERTIES

Material No	Modulus of Elasticity	Weight Density	Coeff of Thermal Exp.	Poisson's Ratio	Shear Web Modulus
1	3.00000E+07	2.83000E-01	6.33000E-06	3.00E-01	0.00000E+00

NODE COORDINATES

Node	X-Coord.	Y-Coord.	Z-Coord.
1	0.00000E+00	0.00000E+00	0.00000E+00
2	1.50000E+00	0.00000E+00	0.00000E+00
3	3.25000E+00	0.00000E+00	0.00000E+00
4	5.00000E+00	0.00000E+00	0.00000E+00
5	6.50000E+00	0.00000E+00	0.00000E+00
6	3.25000E+00	2.00000E+00	0.00000E+00
7	3.25000E+00	4.00000E+00	0.00000E+00
8	3.25000E+00	6.00000E+00	0.00000E+00
9	3.25000E+00	8.00000E+00	0.00000E+00
10	0.00000E+00	0.00000E+00	1.75000E+00
11	1.50000E+00	0.00000E+00	1.75000E+00
12	3.25000E+00	0.00000E+00	1.75000E+00
13	5.00000E+00	0.00000E+00	1.75000E+00
14	6.50000E+00	0.00000E+00	1.75000E+00
15	3.25000E+00	2.00000E+00	1.75000E+00
16	3.25000E+00	4.00000E+00	1.75000E+00
17	3.25000E+00	6.00000E+00	1.75000E+00
18	3.25000E+00	8.00000E+00	1.75000E+00
19	0.00000E+00	0.00000E+00	3.50000E+00
20	1.50000E+00	0.00000E+00	3.50000E+00
21	3.25000E+00	0.00000E+00	3.50000E+00
22	5.00000E+00	0.00000E+00	3.50000E+00
23	6.50000E+00	0.00000E+00	3.50000E+00
24	3.25000E+00	2.00000E+00	3.50000E+00
25	3.25000E+00	4.00000E+00	3.50000E+00
26	3.25000E+00	6.00000E+00	3.50000E+00
27	3.25000E+00	8.00000E+00	3.50000E+00
28	0.00000E+00	0.00000E+00	5.25000E+00
29	1.50000E+00	0.00000E+00	5.25000E+00
30	3.25000E+00	0.00000E+00	5.25000E+00

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CHECK GEOMETRY Version 2.0 07/01/90

stress in flange due to bolt tension

Node	X-Coord.	Y-Coord.	Z-Coord.
31	5.00000E+00	0.00000E+00	5.25000E+00
32	6.50000E+00	0.00000E+00	5.25000E+00
33	3.25000E+00	2.00000E+00	5.25000E+00
34	3.25000E+00	4.00000E+00	5.25000E+00
35	3.25000E+00	6.00000E+00	5.25000E+00
36	3.25000E+00	8.00000E+00	5.25000E+00
37	0.00000E+00	0.00000E+00	7.00000E+00
38	1.50000E+00	0.00000E+00	7.00000E+00
39	3.25000E+00	0.00000E+00	7.00000E+00
40	5.00000E+00	0.00000E+00	7.00000E+00
41	6.50000E+00	0.00000E+00	7.00000E+00
42	3.25000E+00	2.00000E+00	7.00000E+00
43	3.25000E+00	4.00000E+00	7.00000E+00
44	3.25000E+00	6.00000E+00	7.00000E+00
45	3.25000E+00	8.00000E+00	7.00000E+00
46	0.00000E+00	0.00000E+00	8.75000E+00
47	1.50000E+00	0.00000E+00	8.75000E+00
48	3.25000E+00	0.00000E+00	8.75000E+00
49	5.00000E+00	0.00000E+00	8.75000E+00
50	6.50000E+00	0.00000E+00	8.75000E+00
51	3.25000E+00	2.00000E+00	8.75000E+00
52	3.25000E+00	4.00000E+00	8.75000E+00
53	3.25000E+00	6.00000E+00	8.75000E+00
54	3.25000E+00	8.00000E+00	8.75000E+00
55	0.00000E+00	0.00000E+00	1.05000E+01
56	1.50000E+00	0.00000E+00	1.05000E+01
57	3.25000E+00	0.00000E+00	1.05000E+01
58	5.00000E+00	0.00000E+00	1.05000E+01
59	6.50000E+00	0.00000E+00	1.05000E+01
60	3.25000E+00	2.00000E+00	1.05000E+01
61	3.25000E+00	4.00000E+00	1.05000E+01
62	3.25000E+00	6.00000E+00	1.05000E+01
63	3.25000E+00	8.00000E+00	1.05000E+01
64	0.00000E+00	0.00000E+00	1.22500E+01
65	1.50000E+00	0.00000E+00	1.22500E+01
66	3.25000E+00	0.00000E+00	1.22500E+01
67	5.00000E+00	0.00000E+00	1.22500E+01
68	6.50000E+00	0.00000E+00	1.22500E+01
69	3.25000E+00	2.00000E+00	1.22500E+01
70	3.25000E+00	4.00000E+00	1.22500E+01
71	3.25000E+00	6.00000E+00	1.22500E+01
72	3.25000E+00	8.00000E+00	1.22500E+01

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CHECK GEOMETRY Version 2.0 07/01/90

stress in flange due to bolt tension

Node	X-Coord.	Y-Coord.	Z-Coord.
73	0.00000E+00	0.00000E+00	1.40000E+01
74	1.50000E+00	0.00000E+00	1.40000E+01
75	3.25000E+00	0.00000E+00	1.40000E+01
76	5.00000E+00	0.00000E+00	1.40000E+01
77	6.50000E+00	0.00000E+00	1.40000E+01
78	3.25000E+00	2.00000E+00	1.40000E+01
79	3.25000E+00	4.00000E+00	1.40000E+01
80	3.25000E+00	6.00000E+00	1.40000E+01
81	3.25000E+00	8.00000E+00	1.40000E+01
82	0.00000E+00	0.00000E+00	1.57500E+01
83	1.50000E+00	0.00000E+00	1.57500E+01
84	3.25000E+00	0.00000E+00	1.57500E+01
85	5.00000E+00	0.00000E+00	1.57500E+01
86	6.50000E+00	0.00000E+00	1.57500E+01
87	3.25000E+00	2.00000E+00	1.57500E+01
88	3.25000E+00	4.00000E+00	1.57500E+01
89	3.25000E+00	6.00000E+00	1.57500E+01
90	3.25000E+00	8.00000E+00	1.57500E+01
91	0.00000E+00	0.00000E+00	1.75000E+01
92	1.50000E+00	0.00000E+00	1.75000E+01
93	3.25000E+00	0.00000E+00	1.75000E+01
94	5.00000E+00	0.00000E+00	1.75000E+01
95	6.50000E+00	0.00000E+00	1.75000E+01
96	3.25000E+00	2.00000E+00	1.75000E+01
97	3.25000E+00	4.00000E+00	1.75000E+01
98	3.25000E+00	6.00000E+00	1.75000E+01
99	3.25000E+00	8.00000E+00	1.75000E+01
100	0.00000E+00	0.00000E+00	1.92500E+01
101	1.50000E+00	0.00000E+00	1.92500E+01
102	3.25000E+00	0.00000E+00	1.92500E+01
103	5.00000E+00	0.00000E+00	1.92500E+01
104	6.50000E+00	0.00000E+00	1.92500E+01
105	3.25000E+00	2.00000E+00	1.92500E+01
106	3.25000E+00	4.00000E+00	1.92500E+01
107	3.25000E+00	6.00000E+00	1.92500E+01
108	3.25000E+00	8.00000E+00	1.92500E+01
109	0.00000E+00	0.00000E+00	2.10000E+01
110	1.50000E+00	0.00000E+00	2.10000E+01
111	3.25000E+00	0.00000E+00	2.10000E+01
112	5.00000E+00	0.00000E+00	2.10000E+01
113	6.50000E+00	0.00000E+00	2.10000E+01
114	3.25000E+00	2.00000E+00	2.10000E+01

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CHECK GEOMETRY Version 2.0 07/01/90

stress in flange due to bolt tension

Node	X-Coord.	Y-Coord.	Z-Coord.
115	3.25000E+00	4.00000E+00	2.10000E+01
116	3.25000E+00	6.00000E+00	2.10000E+01
117	3.25000E+00	8.00000E+00	2.10000E+01
118	0.00000E+00	0.00000E+00	2.27500E+01
119	1.50000E+00	0.00000E+00	2.27500E+01
120	3.25000E+00	0.00000E+00	2.27500E+01
121	5.00000E+00	0.00000E+00	2.27500E+01
122	6.50000E+00	0.00000E+00	2.27500E+01
123	3.25000E+00	2.00000E+00	2.27500E+01
124	3.25000E+00	4.00000E+00	2.27500E+01
125	3.25000E+00	6.00000E+00	2.27500E+01
126	3.25000E+00	8.00000E+00	2.27500E+01
127	0.00000E+00	0.00000E+00	2.45000E+01
128	1.50000E+00	0.00000E+00	2.45000E+01
129	3.25000E+00	0.00000E+00	2.45000E+01
130	5.00000E+00	0.00000E+00	2.45000E+01
131	6.50000E+00	0.00000E+00	2.45000E+01
132	3.25000E+00	2.00000E+00	2.45000E+01
133	3.25000E+00	4.00000E+00	2.45000E+01
134	3.25000E+00	6.00000E+00	2.45000E+01
135	3.25000E+00	8.00000E+00	2.45000E+01
136	0.00000E+00	0.00000E+00	2.62500E+01
137	1.50000E+00	0.00000E+00	2.62500E+01
138	3.25000E+00	0.00000E+00	2.62500E+01
139	5.00000E+00	0.00000E+00	2.62500E+01
140	6.50000E+00	0.00000E+00	2.62500E+01
141	3.25000E+00	2.00000E+00	2.62500E+01
142	3.25000E+00	4.00000E+00	2.62500E+01
143	3.25000E+00	6.00000E+00	2.62500E+01
144	3.25000E+00	8.00000E+00	2.62500E+01
145	0.00000E+00	0.00000E+00	2.80000E+01
146	1.50000E+00	0.00000E+00	2.80000E+01
147	3.25000E+00	0.00000E+00	2.80000E+01
148	5.00000E+00	0.00000E+00	2.80000E+01
149	6.50000E+00	0.00000E+00	2.80000E+01
150	3.25000E+00	2.00000E+00	2.80000E+01
151	3.25000E+00	4.00000E+00	2.80000E+01
152	3.25000E+00	6.00000E+00	2.80000E+01
153	3.25000E+00	8.00000E+00	2.80000E+01
154	0.00000E+00	2.00000E+00	1.40000E+01
155	1.65000E+00	2.00000E+00	1.40000E+01
156	4.85000E+00	2.00000E+00	1.40000E+01

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CHECK GEOMETRY Version 2.0 07/01/90

stress in flange due to bolt tension

Node	X-Coord.	Y-Coord.	Z-Coord.
157	6.50000E+00	2.00000E+00	1.40000E+01
158	0.00000E+00	4.00000E+00	1.40000E+01
159	1.65000E+00	4.00000E+00	1.40000E+01
160	4.85000E+00	4.00000E+00	1.40000E+01
161	6.50000E+00	4.00000E+00	1.40000E+01
162	0.00000E+00	6.00000E+00	1.40000E+01
163	1.65000E+00	6.00000E+00	1.40000E+01
164	4.85000E+00	6.00000E+00	1.40000E+01
165	6.50000E+00	6.00000E+00	1.40000E+01
166	0.00000E+00	8.00000E+00	1.40000E+01
167	1.65000E+00	8.00000E+00	1.40000E+01
168	4.85000E+00	8.00000E+00	1.40000E+01
169	6.50000E+00	8.00000E+00	1.40000E+01

PLATE ELEMENT CONNECTIVITY

Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	1	1	2	11	10	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	2	2	3	12	11	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	3	3	4	13	12	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	4	4	5	14	13	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	5	10	11	20	19	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	6	11	12	21	20	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	7	12	13	22	21	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	8	13	14	23	22	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	9	19	20	29	28	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	10	20	21	30	29	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	11	21	22	31	30	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	12	22	23	32	31	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	13	28	29	38	37	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	14	29	30	39	38	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	15	30	31	40	39	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	16	31	32	41	40	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	17	37	38	47	46	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	18	38	39	48	47	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	19	39	40	49	48	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	20	40	41	50	49	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	21	46	47	56	55	1	5.200E-01	2.625E+00		8.571E-01	M+B

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CHECK GEOMETRY Version 2.0 07/01/90

stress in flange due to bolt tension

Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	22	47	48	57	56	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	23	48	49	58	57	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	24	49	50	59	58	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	25	55	56	65	64	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	26	56	57	66	65	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	27	57	58	67	66	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	28	58	59	68	67	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	29	64	65	74	73	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	30	65	66	75	74	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	31	66	67	76	75	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	32	67	68	77	76	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	33	73	74	83	82	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	34	74	75	84	83	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	35	75	76	85	84	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	36	76	77	86	85	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	37	82	83	92	91	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	38	83	84	93	92	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	39	84	85	94	93	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	40	85	86	95	94	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	41	91	92	101	100	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	42	92	93	102	101	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	43	93	94	103	102	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	44	94	95	104	103	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	45	100	101	110	109	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	46	101	102	111	110	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	47	102	103	112	111	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	48	103	104	113	112	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	49	109	110	119	118	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	50	110	111	120	119	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	51	111	112	121	120	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	52	112	113	122	121	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	53	118	119	128	127	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	54	119	120	129	128	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	55	120	121	130	129	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	56	121	122	131	130	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	57	127	128	137	136	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	58	128	129	138	137	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	59	129	130	139	138	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	60	130	131	140	139	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	61	136	137	146	145	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	62	137	138	147	146	1	5.200E-01	3.063E+00		1.000E+00	M+B

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CHECK GEOMETRY Version 2.0 07/01/90

stress in flange due to bolt tension

Plate No.		Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	63	138	139	148	147	1	5.200E-01	3.063E+00		1.000E+00	M+B
QUAD	64	139	140	149	148	1	5.200E-01	2.625E+00		8.571E-01	M+B
QUAD	65	3	12	15	6	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	66	12	21	24	15	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	67	21	30	33	24	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	68	30	39	42	33	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	69	39	48	51	42	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	70	48	57	60	51	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	71	57	66	69	60	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	72	66	75	78	69	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	73	75	84	87	78	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	74	84	93	96	87	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	75	93	102	105	96	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	76	102	111	114	105	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	77	111	120	123	114	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	78	120	129	132	123	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	79	129	138	141	132	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	80	138	147	150	141	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	81	6	15	16	7	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	82	7	16	17	8	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	83	8	17	18	9	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	84	15	24	25	16	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	85	16	25	26	17	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	86	17	26	27	18	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	87	24	33	34	25	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	88	25	34	35	26	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	89	26	35	36	27	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	90	33	42	43	34	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	91	34	43	44	35	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	92	35	44	45	36	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	93	42	51	52	43	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	94	43	52	53	44	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	95	44	53	54	45	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	96	51	60	61	52	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	97	52	61	62	53	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	98	53	62	63	54	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	99	60	69	70	61	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	100	61	70	71	62	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	101	62	71	72	63	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	102	69	78	79	70	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	103	70	79	80	71	1	3.000E-01	3.500E+00		8.750E-01	M+B

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CHECK GEOMETRY Version 2.0 07/01/90

stress in flange due to bolt tension

Plate No.		Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	104	71	80	81	72	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	105	78	87	88	79	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	106	79	88	89	80	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	107	80	89	90	81	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	108	87	96	97	88	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	109	88	97	98	89	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	110	89	98	99	90	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	111	96	105	106	97	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	112	97	106	107	98	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	113	98	107	108	99	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	114	105	114	115	106	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	115	106	115	116	107	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	116	107	116	117	108	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	117	114	123	124	115	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	118	115	124	125	116	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	119	116	125	126	117	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	120	123	132	133	124	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	121	124	133	134	125	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	122	125	134	135	126	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	123	132	141	142	133	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	124	133	142	143	134	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	125	134	143	144	135	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	126	141	150	151	142	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	127	142	151	152	143	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	128	143	152	153	144	1	3.000E-01	3.500E+00		8.750E-01	M+B
QUAD	129	73	74	155	154	1	5.000E-01	3.150E+00		7.869E-01	M+B
QUAD	130	154	155	159	158	1	5.000E-01	3.300E+00		8.250E-01	M+B
QUAD	131	158	159	163	162	1	5.000E-01	3.300E+00		8.250E-01	M+B
QUAD	132	162	163	167	166	1	5.000E-01	3.300E+00		8.250E-01	M+B
QUAD	133	74	75	78	155	1	5.000E-01	3.350E+00		8.369E-01	M+B
QUAD	134	155	78	79	159	1	5.000E-01	3.200E+00		8.000E-01	M+B
QUAD	135	159	79	80	163	1	5.000E-01	3.200E+00		8.000E-01	M+B
QUAD	136	163	80	81	167	1	5.000E-01	3.200E+00		8.000E-01	M+B
QUAD	137	75	76	156	78	1	5.000E-01	3.350E+00		8.369E-01	M+B
QUAD	138	78	156	160	79	1	5.000E-01	3.200E+00		8.000E-01	M+B
QUAD	139	79	160	164	80	1	5.000E-01	3.200E+00		8.000E-01	M+B
QUAD	140	80	164	168	81	1	5.000E-01	3.200E+00		8.000E-01	M+B
QUAD	141	76	77	157	156	1	5.000E-01	3.150E+00		7.869E-01	M+B
QUAD	142	156	157	161	160	1	5.000E-01	3.300E+00		8.250E-01	M+B
QUAD	143	160	161	165	164	1	5.000E-01	3.300E+00		8.250E-01	M+B
QUAD	144	164	165	169	168	1	5.000E-01	3.300E+00		8.250E-01	M+B

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CHECK GEOMETRY Version 2.0 07/01/90

stress in flange due to bolt tension

RESTRAINTS

Node No	Global/Local	Restraint Directions
1	GLOBAL	X Y Z RX RY RZ
2	GLOBAL	X Y Z RX RY RZ
3	GLOBAL	X Y Z RX RY RZ
4	GLOBAL	X Y Z RX RY RZ
5	GLOBAL	X Y Z RX RY RZ
6	GLOBAL	X Y Z RX RY RZ
7	GLOBAL	X Y Z RX RY RZ
8	GLOBAL	X Y Z RX RY RZ
9	GLOBAL	X Y Z RX RY RZ

```
Enter Concentrated Loads
?1
  83)  0.    0  E+00 -7.905000E+03  3.443000E+03
       0.    0  E+00  0.    0  E+00  0.    0  E+00
  85)  0.    0  E+00 -7.905000E+03  3.443000E+03
       0.    0  E+00  0.    0  E+00  0.    0  E+00
 120)  0.    0  E+00  1.581000E+04  6.886000E+03
       0.    0  E+00  0.    0  E+00  0.    0  E+00
Enter Concentrated Loads
?

                  Change Delete Exit Help List Print Transfer
   WESTINGHOUSE HANFORD COMPANY  S/N:801977                        04/30/94
 PAGE   10                    Run ID=XW51612                      15:10:15
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              ================================================

            SOLVE PLATE LOADS/STRESSES   Version 2.0  07/01/90

       stress in flange due to bolt tension

 Load Case  1:TENSION IN BOLTS + BEARING ON THE WEB

                    MAXIMUM STRESS SUMMARY FOR PLATES
                    WITHIN SPECIFIED RANGE    1-  144

          Maximum (absolute) Stress =  .2322E+05 at Plate   37

           Plate   Sigma  X   Sigma  Y    Tau XY    Von Mises
           -----  ---------- ---------- ---------- ----------
              37   .1081E+05  .2322E+05  .3852E+04  .2120E+05
```

Attachment 8.

Structural Integrity of the Pump Pit Wall - Run ID = NH27138

Date: 05-17-1994; Time: 18:50:49

Total 56 Pages + 1 Title page + 1

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CHECK GEOMETRY                Version 2.0  07/01/90
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MATERIAL PROPERTIES

Material No	Modulus of Elasticity	Weight Density	Coeff of Thermal Exp.	Poisson's Ratio	Shear Web Modulus
1	3.43200E+06	8.33000E-02	6.33000E-06	1.50E-01	0.00000E+00
2	3.37300E+06	8.33000E-02	6.33000E-06	1.50E-01	0.00000E+00

NODE COORDINATES

Node	X-Coord.	Y-Coord.	Z-Coord.
1	7.00000E+00	0.00000E+00	0.00000E+00
2	2.20000E+01	0.00000E+00	0.00000E+00
3	3.70000E+01	0.00000E+00	0.00000E+00
4	5.20000E+01	0.00000E+00	0.00000E+00
5	6.70000E+01	0.00000E+00	0.00000E+00
6	8.20000E+01	0.00000E+00	0.00000E+00
7	9.70000E+01	0.00000E+00	0.00000E+00
8	1.12000E+02	0.00000E+00	0.00000E+00
9	1.27000E+02	0.00000E+00	0.00000E+00
10	1.42000E+02	0.00000E+00	0.00000E+00
11	1.57000E+02	0.00000E+00	0.00000E+00
12	7.00000E+00	1.50000E+01	0.00000E+00
13	2.20000E+01	1.50000E+01	0.00000E+00
14	3.70000E+01	1.50000E+01	0.00000E+00
15	5.20000E+01	1.50000E+01	0.00000E+00
16	6.70000E+01	1.50000E+01	0.00000E+00
17	8.20000E+01	1.50000E+01	0.00000E+00
18	9.70000E+01	1.50000E+01	0.00000E+00
19	1.12000E+02	1.50000E+01	0.00000E+00
20	1.27000E+02	1.50000E+01	0.00000E+00
21	1.42000E+02	1.50000E+01	0.00000E+00
22	1.57000E+02	1.50000E+01	0.00000E+00
23	7.00000E+00	3.00000E+01	0.00000E+00
24	2.20000E+01	3.00000E+01	0.00000E+00
25	3.70000E+01	3.00000E+01	0.00000E+00
26	5.20000E+01	3.00000E+01	0.00000E+00
27	6.70000E+01	3.00000E+01	0.00000E+00
28	8.20000E+01	3.00000E+01	0.00000E+00
29	9.70000E+01	3.00000E+01	0.00000E+00

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Node	X-Coord.	Y-Coord.	Z-Coord.
30	1.12000E+02	3.00000E+01	0.00000E+00
31	1.27000E+02	3.00000E+01	0.00000E+00
32	1.42000E+02	3.00000E+01	0.00000E+00
33	1.57000E+02	3.00000E+01	0.00000E+00
34	7.00000E+00	4.50000E+01	0.00000E+00
35	2.20000E+01	4.50000E+01	0.00000E+00
36	3.70000E+01	4.50000E+01	0.00000E+00
37	5.20000E+01	4.50000E+01	0.00000E+00
38	6.70000E+01	4.50000E+01	0.00000E+00
39	8.20000E+01	4.50000E+01	0.00000E+00
40	9.70000E+01	4.50000E+01	0.00000E+00
41	1.12000E+02	4.50000E+01	0.00000E+00
42	1.27000E+02	4.50000E+01	0.00000E+00
43	1.42000E+02	4.50000E+01	0.00000E+00
44	1.57000E+02	4.50000E+01	0.00000E+00
45	7.00000E+00	6.00000E+01	0.00000E+00
46	2.20000E+01	6.00000E+01	0.00000E+00
47	3.70000E+01	6.00000E+01	0.00000E+00
48	5.20000E+01	6.00000E+01	0.00000E+00
49	6.70000E+01	6.00000E+01	0.00000E+00
50	8.20000E+01	6.00000E+01	0.00000E+00
51	9.70000E+01	6.00000E+01	0.00000E+00
52	1.12000E+02	6.00000E+01	0.00000E+00
53	1.27000E+02	6.00000E+01	0.00000E+00
54	1.42000E+02	6.00000E+01	0.00000E+00
55	1.57000E+02	6.00000E+01	0.00000E+00
56	7.00000E+00	7.10000E+01	0.00000E+00
57	2.20000E+01	7.10000E+01	0.00000E+00
58	3.70000E+01	7.10000E+01	0.00000E+00
59	5.20000E+01	7.10000E+01	0.00000E+00
60	6.70000E+01	7.10000E+01	0.00000E+00
61	8.20000E+01	7.10000E+01	0.00000E+00
62	9.70000E+01	7.10000E+01	0.00000E+00
63	1.12000E+02	7.10000E+01	0.00000E+00
64	1.27000E+02	7.10000E+01	0.00000E+00
65	1.42000E+02	7.10000E+01	0.00000E+00
66	1.57000E+02	7.10000E+01	0.00000E+00
67	4.67000E+00	8.10000E+01	0.00000E+00
68	2.10000E+01	8.10000E+01	0.00000E+00
69	2.70000E+01	8.10000E+01	0.00000E+00
70	3.70000E+01	8.10000E+01	0.00000E+00
71	5.20000E+01	8.10000E+01	0.00000E+00

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Node	X-Coord.	Y-Coord.	Z-Coord.
72	6.70000E+01	8.10000E+01	0.00000E+00
73	8.10000E+01	8.10000E+01	0.00000E+00
74	8.70000E+01	8.10000E+01	0.00000E+00
75	9.70000E+01	8.10000E+01	0.00000E+00
76	1.12000E+02	8.10000E+01	0.00000E+00
77	1.27000E+02	8.10000E+01	0.00000E+00
78	1.41000E+02	8.10000E+01	0.00000E+00
79	1.47000E+02	8.10000E+01	0.00000E+00
80	1.59330E+02	8.10000E+01	0.00000E+00
81	2.50000E+00	9.02500E+01	0.00000E+00
82	2.10000E+01	9.02500E+01	0.00000E+00
83	2.70000E+01	9.02500E+01	0.00000E+00
84	3.70000E+01	9.02500E+01	0.00000E+00
85	5.20000E+01	9.02500E+01	0.00000E+00
86	6.70000E+01	9.02500E+01	0.00000E+00
87	8.10000E+01	9.02500E+01	0.00000E+00
88	8.70000E+01	9.02500E+01	0.00000E+00
89	9.70000E+01	9.02500E+01	0.00000E+00
90	1.12000E+02	9.02500E+01	0.00000E+00
91	1.27000E+02	9.02500E+01	0.00000E+00
92	1.41000E+02	9.02500E+01	0.00000E+00
93	1.47000E+02	9.02500E+01	0.00000E+00
94	1.61500E+02	9.02500E+01	0.00000E+00
95	8.75000E-01	9.62500E+01	0.00000E+00
96	2.10000E+01	9.62500E+01	0.00000E+00
97	2.70000E+01	9.62500E+01	0.00000E+00
98	3.70000E+01	9.62500E+01	0.00000E+00
99	5.20000E+01	9.62500E+01	0.00000E+00
100	6.70000E+01	9.62500E+01	0.00000E+00
101	8.10000E+01	9.62500E+01	0.00000E+00
102	8.70000E+01	9.62500E+01	0.00000E+00
103	9.70000E+01	9.62500E+01	0.00000E+00
104	1.12000E+02	9.62500E+01	0.00000E+00
105	1.27000E+02	9.62500E+01	0.00000E+00
106	1.41000E+02	9.62500E+01	0.00000E+00
107	1.47000E+02	9.62500E+01	0.00000E+00
108	1.63125E+02	9.62500E+01	0.00000E+00
109	0.00000E+00	1.01000E+02	0.00000E+00
110	2.10000E+01	1.01000E+02	0.00000E+00
111	2.70000E+01	1.01000E+02	0.00000E+00
112	3.70000E+01	1.01000E+02	0.00000E+00
113	5.20000E+01	1.01000E+02	0.00000E+00

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Node	X-Coord.	Y-Coord.	Z-Coord.
114	6.70000E+01	1.01000E+02	0.00000E+00
115	8.10000E+01	1.01000E+02	0.00000E+00
116	8.70000E+01	1.01000E+02	0.00000E+00
117	9.70000E+01	1.01000E+02	0.00000E+00
118	1.12000E+02	1.01000E+02	0.00000E+00
119	1.27000E+02	1.01000E+02	0.00000E+00
120	1.41000E+02	1.01000E+02	0.00000E+00
121	1.47000E+02	1.01000E+02	0.00000E+00
122	1.64000E+02	1.01000E+02	0.00000E+00

PLATE ELEMENT CONNECTIVITY

Plate		Nodes				Mat			Shear Web	Aspect	Plate
	No.	I	J	K	L	No.	Thickness	Area	Thickness	Ratio	Type
QUAD	1	1	2	13	12	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	2	2	3	14	13	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	3	3	4	15	14	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	4	4	5	16	15	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	5	5	6	17	16	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	6	6	7	18	17	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	7	7	8	19	18	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	8	8	9	20	19	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	9	9	10	21	20	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	10	10	11	22	21	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	11	12	13	24	23	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	12	13	14	25	24	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	13	14	15	26	25	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	14	15	16	27	26	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	15	16	17	28	27	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	16	17	18	29	28	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	17	18	19	30	29	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	18	19	20	31	30	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	19	20	21	32	31	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	20	21	22	33	32	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	21	23	24	35	34	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	22	24	25	36	35	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	23	25	26	37	36	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	24	26	27	38	37	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	25	27	28	39	38	1	1.800E+01	2.250E+02		1.000E+00	M+B

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CHECK GEOMETRY Version 2.0 07/01/90

Plate	No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	26	28	29	40	39	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	27	29	30	41	40	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	28	30	31	42	41	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	29	31	32	43	42	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	30	32	33	44	43	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	31	34	35	46	45	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	32	35	36	47	46	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	33	36	37	48	47	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	34	37	38	49	48	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	35	38	39	50	49	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	36	39	40	51	50	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	37	40	41	52	51	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	38	41	42	53	52	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	39	42	43	54	53	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	40	43	44	55	54	1	1.800E+01	2.250E+02		1.000E+00	M+B
QUAD	41	45	46	57	56	1	1.800E+01	1.650E+02		1.364E+00	M+B
QUAD	42	46	47	58	57	1	1.800E+01	1.650E+02		1.364E+00	M+B
QUAD	43	47	48	59	58	1	1.800E+01	1.650E+02		1.364E+00	M+B
QUAD	44	48	49	60	59	1	1.800E+01	1.650E+02		1.364E+00	M+B
QUAD	45	49	50	61	60	1	1.800E+01	1.650E+02		1.364E+00	M+B
QUAD	46	50	51	62	61	1	1.800E+01	1.650E+02		1.364E+00	M+B
QUAD	47	51	52	63	62	1	1.800E+01	1.650E+02		1.364E+00	M+B
QUAD	48	52	53	64	63	1	1.800E+01	1.650E+02		1.364E+00	M+B
QUAD	49	53	54	65	64	1	1.800E+01	1.650E+02		1.364E+00	M+B
QUAD	50	54	55	66	65	1	1.800E+01	1.650E+02		1.364E+00	M+B
QUAD	51	56	57	68	67	2	1.250E+01	1.566E+02		1.545E+00	M+B
QUAD	52	57	58	69	68	2	1.250E+01	1.050E+02		9.200E-01	M+B
TRI	53	58	70	69		2	1.250E+01	5.000E+01		8.944E-01	M+B
QUAD	54	58	59	71	70	2	1.250E+01	1.500E+02		1.500E+00	M+B
QUAD	55	59	60	72	71	2	1.250E+01	1.500E+02		1.500E+00	M+B
QUAD	56	60	61	73	72	2	1.250E+01	1.450E+02		1.448E+00	M+B
QUAD	57	61	62	74	73	2	1.250E+01	1.050E+02		9.200E-01	M+B
TRI	58	62	75	74		2	1.250E+01	5.000E+01		8.944E-01	M+B
QUAD	59	62	63	76	75	2	1.250E+01	1.500E+02		1.500E+00	M+B
QUAD	60	63	64	77	76	2	1.250E+01	1.500E+02		1.500E+00	M+B
QUAD	61	64	65	78	77	2	1.250E+01	1.450E+02		1.448E+00	M+B
QUAD	62	65	66	79	78	2	1.250E+01	1.050E+02		9.200E-01	M+B
TRI	63	66	80	79		2	1.250E+01	6.165E+01		8.393E-01	M+B
QUAD	64	67	68	82	81	2	1.250E+01	1.611E+02		1.870E+00	M+B
QUAD	65	68	69	83	82	2	1.250E+01	5.550E+01		6.486E-01	M+B
QUAD	66	69	70	84	83	2	1.250E+01	9.250E+01		1.081E+00	M+B

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	Plate No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	67	70	71	85	84	2	1.250E+01	1.388E+02		1.622E+00	M+B
QUAD	68	71	72	86	85	2	1.250E+01	1.388E+02		1.622E+00	M+B
QUAD	69	72	73	87	86	2	1.250E+01	1.295E+02		1.514E+00	M+B
QUAD	70	73	74	88	87	2	1.250E+01	5.550E+01		6.486E-01	M+B
QUAD	71	74	75	89	88	2	1.250E+01	9.250E+01		1.081E+00	M+B
QUAD	72	75	76	90	89	2	1.250E+01	1.388E+02		1.622E+00	M+B
QUAD	73	76	77	91	90	2	1.250E+01	1.388E+02		1.622E+00	M+B
QUAD	74	77	78	92	91	2	1.250E+01	1.295E+02		1.514E+00	M+B
QUAD	75	78	79	93	92	2	1.250E+01	5.550E+01		6.486E-01	M+B
QUAD	76	79	80	94	93	2	1.250E+01	1.241E+02		1.440E+00	M+B
QUAD	77	81	82	96	95	2	1.250E+01	1.159E+02		3.190E+00	M+B
QUAD	78	82	83	97	96	2	1.250E+01	3.600E+01		1.000E+00	M+B
QUAD	79	83	84	98	97	2	1.250E+01	6.000E+01		1.667E+00	M+B
QUAD	80	84	85	99	98	2	1.250E+01	9.000E+01		2.500E+00	M+B
QUAD	81	85	86	100	99	2	1.250E+01	9.000E+01		2.500E+00	M+B
QUAD	82	86	87	101	100	2	1.250E+01	8.400E+01		2.333E+00	M+B
QUAD	83	87	88	102	101	2	1.250E+01	3.600E+01		1.000E+00	M+B
QUAD	84	88	89	103	102	2	1.250E+01	6.000E+01		1.667E+00	M+B
QUAD	85	89	90	104	103	2	1.250E+01	9.000E+01		2.500E+00	M+B
QUAD	86	90	91	105	104	2	1.250E+01	9.000E+01		2.500E+00	M+B
QUAD	87	91	92	106	105	2	1.250E+01	8.400E+01		2.333E+00	M+B
QUAD	88	92	93	107	106	2	1.250E+01	3.600E+01		1.000E+00	M+B
QUAD	89	93	94	108	107	2	1.250E+01	9.188E+01		2.529E+00	M+B
QUAD	90	95	96	110	109	2	1.250E+01	9.767E+01		4.311E+00	M+B
QUAD	91	96	97	111	110	2	1.250E+01	2.850E+01		1.263E+00	M+B
QUAD	92	97	98	112	111	2	1.250E+01	4.750E+01		2.105E+00	M+B
QUAD	93	98	99	113	112	2	1.250E+01	7.125E+01		3.158E+00	M+B
QUAD	94	99	100	114	113	2	1.250E+01	7.125E+01		3.158E+00	M+B
QUAD	95	100	101	115	114	2	1.250E+01	6.650E+01		2.947E+00	M+B
QUAD	96	101	102	116	115	2	1.250E+01	2.850E+01		1.263E+00	M+B
QUAD	97	102	103	117	116	2	1.250E+01	4.750E+01		2.105E+00	M+B
QUAD	98	103	104	118	117	2	1.250E+01	7.125E+01		3.158E+00	M+B
QUAD	99	104	105	119	118	2	1.250E+01	7.125E+01		3.158E+00	M+B
QUAD	100	105	106	120	119	2	1.250E+01	6.650E+01		2.947E+00	M+B
QUAD	101	106	107	121	120	2	1.250E+01	2.850E+01		1.263E+00	M+B
QUAD	102	107	108	122	121	2	1.250E+01	7.867E+01		3.472E+00	M+B

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RESTRAINTS

Node No	Global/Local	Restraint Directions
1	GLOBAL	X Y Z RX RY RZ
2	GLOBAL	X Y Z RX RY RZ
3	GLOBAL	X Y Z RX RY RZ
4	GLOBAL	X Y Z RX RY RZ
5	GLOBAL	X Y Z RX RY RZ
6	GLOBAL	X Y Z RX RY RZ
7	GLOBAL	X Y Z RX RY RZ
8	GLOBAL	X Y Z RX RY RZ
9	GLOBAL	X Y Z RX RY RZ
10	GLOBAL	X Y Z RX RY RZ
11	GLOBAL	X Y Z RX RY RZ
12	GLOBAL	X Y Z RX RY RZ
22	GLOBAL	X Y Z RX RY RZ
23	GLOBAL	X Y Z RX RY RZ
33	GLOBAL	X Y Z RX RY RZ
34	GLOBAL	X Y Z RX RY RZ
44	GLOBAL	X Y Z RX RY RZ
45	GLOBAL	X Y Z RX RY RZ
55	GLOBAL	X Y Z RX RY RZ
56	GLOBAL	X Y Z RX RY RZ
66	GLOBAL	X Y Z RX RY RZ
67	GLOBAL	X Y Z RX RY RZ
80	GLOBAL	X Y Z RX RY RZ
81	GLOBAL	X Y Z RX RY RZ
94	GLOBAL	X Y Z RX RY RZ
95	GLOBAL	X Y Z RX RY RZ
108	GLOBAL	X Y Z RX RY RZ
109	GLOBAL	X Y Z RX RY RZ
122	GLOBAL	X Y Z RX RY RZ

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SOLVE DISPLACEMENTS Version 2.0 07/01/90

L O A D C A S E 1

SELF WEIGHT

GRAVITY LOADING

Direction	Gravity Factor	Load Factor
X	.0000E+00	.1000E+01
Y	.0000E+00	.1000E+01
Z	.2000E+00	.1000E+01

INERTIA LOADING

Direction	Translational Accel.	Rotational Accel.	Rotational Velocity	Origin
X	.0000E+00	.0000E+00	.0000E+00	.0000E+00
Y	.0000E+00	.0000E+00	.0000E+00	.0000E+00
Z	.0000E+00	.0000E+00	.0000E+00	.0000E+00

Gravity Acceleration = .3864E+03

REFERENCE TEMPERATURE = .0000E+00

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L O A D C A S E 2

SEIMIC SOIL PRESSURE

GRAVITY LOADING

Direction	Gravity Factor	Load Factor
X	.0000E+00	.1000E+01
Y	.0000E+00	.1000E+01
Z	.0000E+00	.1000E+01

INERTIA LOADING

Direction	Translational Accel.	Rotational Accel.	Rotational Velocity	Origin
X	.0000E+00	.0000E+00	.0000E+00	.0000E+00
Y	.0000E+00	.0000E+00	.0000E+00	.0000E+00
Z	.0000E+00	.0000E+00	.0000E+00	.0000E+00

Gravity Acceleration = .3864E+03

REFERENCE TEMPERATURE = .0000E+00

PLATE TEMPERATURES/PRESSURES

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.3718E+00	.3718E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.3718E+00	.3718E+00
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.3718E+00	.3718E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.3718E+00	.3718E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.3718E+00	.3718E+00
6	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.3718E+00	.3718E+00

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L O A D C A S E 2

SEIMIC SOIL PRESSURE

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.3718E+00	.3718E+00
8	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.3718E+00	.3718E+00
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.3718E+00	.3718E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.0000E+00	.0000E+00	.3718E+00	.3718E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.3718E+00	.3718E+00	.7437E+00	.7437E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.3718E+00	.3718E+00	.7437E+00	.7437E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.3718E+00	.3718E+00	.7437E+00	.7437E+00
14	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.3718E+00	.3718E+00	.7437E+00	.7437E+00
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.3718E+00	.3718E+00	.7437E+00	.7437E+00
16	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.3718E+00	.3718E+00	.7437E+00	.7437E+00
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.3718E+00	.3718E+00	.7437E+00	.7437E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.3718E+00	.3718E+00	.7437E+00	.7437E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.3718E+00	.3718E+00	.7437E+00	.7437E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.3718E+00	.3718E+00	.7437E+00	.7437E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.7437E+00	.7437E+00	.1115E+01	.1115E+01
22	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.7437E+00	.7437E+00	.1115E+01	.1115E+01
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.7437E+00	.7437E+00	.1115E+01	.1115E+01
24	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.7437E+00	.7437E+00	.1115E+01	.1115E+01
25	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.7437E+00	.7437E+00	.1115E+01	.1115E+01
26	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.7437E+00	.7437E+00	.1115E+01	.1115E+01

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L O A D C A S E 2

SEIMIC SOIL PRESSURE

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.7437E+00	.7437E+00	.1115E+01	.1115E+01
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.7437E+00	.7437E+00	.1115E+01	.1115E+01
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.7437E+00	.7437E+00	.1115E+01	.1115E+01
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.7437E+00	.7437E+00	.1115E+01	.1115E+01
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1115E+01	.1115E+01	.1487E+01	.1487E+01
32	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1115E+01	.1115E+01	.1487E+01	.1487E+01
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1115E+01	.1115E+01	.1487E+01	.1487E+01
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1115E+01	.1115E+01	.1487E+01	.1487E+01
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1115E+01	.1115E+01	.1487E+01	.1487E+01
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1115E+01	.1115E+01	.1487E+01	.1487E+01
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1115E+01	.1115E+01	.1487E+01	.1487E+01
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1115E+01	.1115E+01	.1487E+01	.1487E+01
39	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1115E+01	.1115E+01	.1487E+01	.1487E+01
40	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1115E+01	.1115E+01	.1487E+01	.1487E+01
41	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1487E+01	.1487E+01	.1760E+01	.1760E+01
42	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1487E+01	.1487E+01	.1760E+01	.1760E+01
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1487E+01	.1487E+01	.1760E+01	.1760E+01
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1487E+01	.1487E+01	.1760E+01	.1760E+01
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1487E+01	.1487E+01	.1760E+01	.1760E+01
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1487E+01	.1487E+01	.1760E+01	.1760E+01

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SOLVE DISPLACEMENTS Version 2.0 07/01/90

LOAD CASE 2

SEIMIC SOIL PRESSURE

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
47	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1487E+01	.1487E+01	.1760E+01	.1760E+01
48	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1487E+01	.1487E+01	.1760E+01	.1760E+01
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1487E+01	.1487E+01	.1760E+01	.1760E+01
50	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1487E+01	.1487E+01	.1760E+01	.1760E+01
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1760E+01	.1760E+01	.2009E+01	.2009E+01
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1760E+01	.1760E+01	.2009E+01	.2009E+01
53	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1885E+01	.1885E+01	.1885E+01	.1885E+01
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1760E+01	.1760E+01	.2009E+01	.2009E+01
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1760E+01	.1760E+01	.2009E+01	.2009E+01
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1760E+01	.1760E+01	.2009E+01	.2009E+01
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1760E+01	.1760E+01	.2009E+01	.2009E+01
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1885E+01	.1885E+01	.1885E+01	.1885E+01
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1760E+01	.1760E+01	.2009E+01	.2009E+01
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1760E+01	.1760E+01	.2009E+01	.2009E+01
61	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1760E+01	.1760E+01	.2009E+01	.2009E+01
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1760E+01	.1760E+01	.2009E+01	.2009E+01
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1885E+01	.1885E+01	.1885E+01	.1885E+01
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.2009E+01	.2009E+01	.2240E+01	.2240E+01
65	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.2009E+01	.2009E+01	.2240E+01	.2240E+01
66	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.2009E+01	.2009E+01	.2240E+01	.2240E+01

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L O A D C A S E 2

SEIMIC SOIL PRESSURE

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
67	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.2009E+01	.2009E+01	.2240E+01	.2240E+01
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.2009E+01	.2009E+01	.2240E+01	.2240E+01
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.2009E+01	.2009E+01	.2240E+01	.2240E+01
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.2009E+01	.2009E+01	.2240E+01	.2240E+01
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.2009E+01	.2009E+01	.2240E+01	.2240E+01
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.2009E+01	.2009E+01	.2240E+01	.2240E+01
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.2009E+01	.2009E+01	.2240E+01	.2240E+01
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.2009E+01	.2009E+01	.2240E+01	.2240E+01
75	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.2009E+01	.2009E+01	.2240E+01	.2240E+01
76	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.2009E+01	.2009E+01	.2240E+01	.2240E+01

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L O A D C A S E 3

LATERAL EARTH PRESSURE

GRAVITY LOADING

Direction	Gravity Factor	Load Factor
X	.0000E+00	.1000E+01
Y	.0000E+00	.1000E+01
Z	.0000E+00	.1000E+01

INERTIA LOADING

Direction	Translational Accel.	Rotational Accel.	Rotational Velocity	Origin
X	.0000E+00	.0000E+00	.0000E+00	.0000E+00
Y	.0000E+00	.0000E+00	.0000E+00	.0000E+00
Z	.0000E+00	.0000E+00	.0000E+00	.0000E+00

Gravity Acceleration = .3864E+03

REFERENCE TEMPERATURE = .0000E+00

PLATE TEMPERATURES/PRESSURES

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1250E+01	.1250E+01	.1042E+01	.1042E+01
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1250E+01	.1250E+01	.1042E+01	.1042E+01
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1250E+01	.1250E+01	.1042E+01	.1042E+01
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1250E+01	.1250E+01	.1042E+01	.1042E+01
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1250E+01	.1250E+01	.1042E+01	.1042E+01
6	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1250E+01	.1250E+01	.1042E+01	.1042E+01

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L O A D C A S E 3

LATERAL EARTH PRESSURE

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1250E+01	.1250E+01	.1042E+01	.1042E+01
8	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1250E+01	.1250E+01	.1042E+01	.1042E+01
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1250E+01	.1250E+01	.1042E+01	.1042E+01
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1250E+01	.1250E+01	.1042E+01	.1042E+01
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1042E+01	.1042E+01	.8345E+00	.8345E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1042E+01	.1042E+01	.8345E+00	.8345E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1042E+01	.1042E+01	.8345E+00	.8345E+00
14	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1042E+01	.1042E+01	.8345E+00	.8345E+00
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1042E+01	.1042E+01	.8345E+00	.8345E+00
16	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1042E+01	.1042E+01	.8345E+00	.8345E+00
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1042E+01	.1042E+01	.8345E+00	.8345E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1042E+01	.1042E+01	.8345E+00	.8345E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1042E+01	.1042E+01	.8345E+00	.8345E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1042E+01	.1042E+01	.8345E+00	.8345E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.8345E+00	.8345E+00	.6267E+00	.6267E+00
22	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.8345E+00	.8345E+00	.6267E+00	.6267E+00
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.8345E+00	.8345E+00	.6267E+00	.6267E+00
24	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.8345E+00	.8345E+00	.6267E+00	.6267E+00
25	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.8345E+00	.8345E+00	.6267E+00	.6267E+00
26	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.8345E+00	.8345E+00	.6267E+00	.6267E+00

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L O A D C A S E 3

LATERAL EARTH PRESSURE

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.8345E+00	.8345E+00	.6267E+00	.6267E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.8345E+00	.8345E+00	.6267E+00	.6267E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.8345E+00	.8345E+00	.6267E+00	.6267E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.8345E+00	.8345E+00	.6267E+00	.6267E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.6267E+00	.6267E+00	.4190E+00	.4190E+00
32	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.6267E+00	.6267E+00	.4190E+00	.4190E+00
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.6267E+00	.6267E+00	.4190E+00	.4190E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.6267E+00	.6267E+00	.4190E+00	.4190E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.6267E+00	.6267E+00	.4190E+00	.4190E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.6267E+00	.6267E+00	.4190E+00	.4190E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.6267E+00	.6267E+00	.4190E+00	.4190E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.6267E+00	.6267E+00	.4190E+00	.4190E+00
39	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.6267E+00	.6267E+00	.4190E+00	.4190E+00
40	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.6267E+00	.6267E+00	.4190E+00	.4190E+00
41	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4190E+00	.4190E+00	.2666E+00	.2666E+00
42	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4190E+00	.4190E+00	.2666E+00	.2666E+00
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4190E+00	.4190E+00	.2666E+00	.2666E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4190E+00	.4190E+00	.2666E+00	.2666E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4190E+00	.4190E+00	.2666E+00	.2666E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4190E+00	.4190E+00	.2666E+00	.2666E+00

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LOAD CASE 3

LATERAL EARTH PRESSURE

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
47	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4190E+00	.4190E+00	.2666E+00	.2666E+00
48	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4190E+00	.4190E+00	.2666E+00	.2666E+00
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4190E+00	.4190E+00	.2666E+00	.2666E+00
50	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4190E+00	.4190E+00	.2666E+00	.2666E+00
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00
53	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00
61	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00
65	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00
66	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00

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L O A D C A S E 3

LATERAL EARTH PRESSURE

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
67	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00
75	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00
76	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1333E+00	.1333E+00	.1333E+00	.1333E+00

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L O A D C A S E 4

PLATFORM LOAD

GRAVITY LOADING

Direction	Gravity Factor	Load Factor
X	.0000E+00	.1000E+01
Y	.0000E+00	.1000E+01
Z	.0000E+00	.1000E+01

INERTIA LOADING

Direction	Translational Accel.	Rotational Accel.	Rotational Velocity	Origin
X	.0000E+00	.0000E+00	.0000E+00	.0000E+00
Y	.0000E+00	.0000E+00	.0000E+00	.0000E+00
Z	.0000E+00	.0000E+00	.0000E+00	.0000E+00

Gravity Acceleration = .3864E+03

REFERENCE TEMPERATURE = .0000E+00

PLATE TEMPERATURES/PRESSURES

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.3833E+03	.3833E+03	.3833E+03	.3833E+03
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1500E+03	.1500E+03	.1500E+03	.1500E+03
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.3778E+03	.3778E+03	.3778E+03	.3778E+03

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L O A D C A S E 5

OVERBURDEN PRESSURE

GRAVITY LOADING

Direction	Gravity Factor	Load Factor
X	.0000E+00	.1000E+01
Y	.0000E+00	.1000E+01
Z	.0000E+00	.1000E+01

INERTIA LOADING

Direction	Translational Accel.	Rotational Accel.	Rotational Velocity	Origin
X	.0000E+00	.0000E+00	.0000E+00	.0000E+00
Y	.0000E+00	.0000E+00	.0000E+00	.0000E+00
Z	.0000E+00	.0000E+00	.0000E+00	.0000E+00

Gravity Acceleration = .3864E+03

REFERENCE TEMPERATURE = .0000E+00

PLATE TEMPERATURES/PRESSURES

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
6	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01

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L O A D C A S E 5

OVERBURDEN PRESSURE

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
8	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
14	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
16	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
22	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
24	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
25	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
26	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01

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SOLVE DISPLACEMENTS Version 2.0 07/01/90

L O A D C A S E 5

OVERBURDEN PRESSURE

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
32	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
39	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
40	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
41	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
42	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01

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SOLVE DISPLACEMENTS Version 2.0 07/01/90

LOAD CASE 5

OVERBURDEN PRESSURE

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
47	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
48	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
50	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
53	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
61	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
65	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
66	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01

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SOLVE DISPLACEMENTS Version 2.0 07/01/90

L O A D C A S E 5

OVERBURDEN PRESSURE

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
67	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
75	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01
76	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.1389E+01	.1389E+01	.1389E+01	.1389E+01

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SOLVE DISPLACEMENTS Version 2.0 07/01/90

L O A D C A S E 1

SELF WEIGHT

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
1	.0000E+00	.0000E+00	.1687E+02	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.3374E+02	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.3374E+02	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.3374E+02	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.3374E+02	.0000E+00	.0000E+00	.0000E+00
6	.0000E+00	.0000E+00	.3374E+02	.0000E+00	.0000E+00	.0000E+00
7	.0000E+00	.0000E+00	.3374E+02	.0000E+00	.0000E+00	.0000E+00
8	.0000E+00	.0000E+00	.3374E+02	.0000E+00	.0000E+00	.0000E+00
9	.0000E+00	.0000E+00	.3374E+02	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.3374E+02	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.1687E+02	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.3374E+02	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
14	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
15	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
16	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
17	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
22	.0000E+00	.0000E+00	.3374E+02	.0000E+00	.0000E+00	.0000E+00
23	.0000E+00	.0000E+00	.3374E+02	.0000E+00	.0000E+00	.0000E+00
24	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
25	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
26	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
27	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
32	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
33	.0000E+00	.0000E+00	.3374E+02	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.3374E+02	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00

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SOLVE DISPLACEMENTS Version 2.0 07/01/90

L O A D C A S E 1

SELF WEIGHT

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
36	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
39	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
40	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
41	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
42	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
43	.0000E+00	.0000E+00	.6747E+02	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.3374E+02	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.2924E+02	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.5848E+02	.0000E+00	.0000E+00	.0000E+00
47	.0000E+00	.0000E+00	.5848E+02	.0000E+00	.0000E+00	.0000E+00
48	.0000E+00	.0000E+00	.5848E+02	.0000E+00	.0000E+00	.0000E+00
49	.0000E+00	.0000E+00	.5848E+02	.0000E+00	.0000E+00	.0000E+00
50	.0000E+00	.0000E+00	.5848E+02	.0000E+00	.0000E+00	.0000E+00
51	.0000E+00	.0000E+00	.5848E+02	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.5848E+02	.0000E+00	.0000E+00	.0000E+00
53	.0000E+00	.0000E+00	.5848E+02	.0000E+00	.0000E+00	.0000E+00
54	.0000E+00	.0000E+00	.5848E+02	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.2924E+02	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.2041E+02	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.3903E+02	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.4227E+02	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.4036E+02	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.4019E+02	.0000E+00	.0000E+00	.0000E+00
61	.0000E+00	.0000E+00	.3862E+02	.0000E+00	.0000E+00	.0000E+00
62	.0000E+00	.0000E+00	.4227E+02	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.4036E+02	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.4019E+02	.0000E+00	.0000E+00	.0000E+00
65	.0000E+00	.0000E+00	.3862E+02	.0000E+00	.0000E+00	.0000E+00
66	.0000E+00	.0000E+00	.2290E+02	.0000E+00	.0000E+00	.0000E+00
67	.0000E+00	.0000E+00	.1648E+02	.0000E+00	.0000E+00	.0000E+00
68	.0000E+00	.0000E+00	.2406E+02	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.1586E+02	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.2332E+02	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.3007E+02	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.2924E+02	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.2178E+02	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.1586E+02	.0000E+00	.0000E+00	.0000E+00
75	.0000E+00	.0000E+00	.2332E+02	.0000E+00	.0000E+00	.0000E+00

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SOLVE DISPLACEMENTS Version 2.0 07/01/90

L O A D C A S E 1

SELF WEIGHT

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
76	.0000E+00	.0000E+00	.3007E+02	.0000E+00	.0000E+00	.0000E+00
77	.0000E+00	.0000E+00	.2924E+02	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.2178E+02	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.1814E+02	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.1057E+02	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.1451E+02	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.1927E+02	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.1270E+02	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.1985E+02	.0000E+00	.0000E+00	.0000E+00
85	.0000E+00	.0000E+00	.2382E+02	.0000E+00	.0000E+00	.0000E+00
86	.0000E+00	.0000E+00	.2302E+02	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.1588E+02	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.1270E+02	.0000E+00	.0000E+00	.0000E+00
89	.0000E+00	.0000E+00	.1985E+02	.0000E+00	.0000E+00	.0000E+00
90	.0000E+00	.0000E+00	.2382E+02	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.2302E+02	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.1588E+02	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.1610E+02	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.1133E+02	.0000E+00	.0000E+00	.0000E+00
95	.0000E+00	.0000E+00	.1117E+02	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.1452E+02	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.8955E+01	.0000E+00	.0000E+00	.0000E+00
98	.0000E+00	.0000E+00	.1399E+02	.0000E+00	.0000E+00	.0000E+00
99	.0000E+00	.0000E+00	.1679E+02	.0000E+00	.0000E+00	.0000E+00
100	.0000E+00	.0000E+00	.1623E+02	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.1119E+02	.0000E+00	.0000E+00	.0000E+00
102	.0000E+00	.0000E+00	.8955E+01	.0000E+00	.0000E+00	.0000E+00
103	.0000E+00	.0000E+00	.1399E+02	.0000E+00	.0000E+00	.0000E+00
104	.0000E+00	.0000E+00	.1679E+02	.0000E+00	.0000E+00	.0000E+00
105	.0000E+00	.0000E+00	.1623E+02	.0000E+00	.0000E+00	.0000E+00
106	.0000E+00	.0000E+00	.1119E+02	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.1229E+02	.0000E+00	.0000E+00	.0000E+00
108	.0000E+00	.0000E+00	.8928E+01	.0000E+00	.0000E+00	.0000E+00
109	.0000E+00	.0000E+00	.5121E+01	.0000E+00	.0000E+00	.0000E+00
110	.0000E+00	.0000E+00	.6605E+01	.0000E+00	.0000E+00	.0000E+00
111	.0000E+00	.0000E+00	.3957E+01	.0000E+00	.0000E+00	.0000E+00
112	.0000E+00	.0000E+00	.6182E+01	.0000E+00	.0000E+00	.0000E+00
113	.0000E+00	.0000E+00	.7419E+01	.0000E+00	.0000E+00	.0000E+00
114	.0000E+00	.0000E+00	.7172E+01	.0000E+00	.0000E+00	.0000E+00
115	.0000E+00	.0000E+00	.4946E+01	.0000E+00	.0000E+00	.0000E+00

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SOLVE DISPLACEMENTS Version 2.0 07/01/90

L O A D C A S E 1

SELF WEIGHT

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
116	.0000E+00	.0000E+00	.3957E+01	.0000E+00	.0000E+00	.0000E+00
117	.0000E+00	.0000E+00	.6182E+01	.0000E+00	.0000E+00	.0000E+00
118	.0000E+00	.0000E+00	.7419E+01	.0000E+00	.0000E+00	.0000E+00
119	.0000E+00	.0000E+00	.7172E+01	.0000E+00	.0000E+00	.0000E+00
120	.0000E+00	.0000E+00	.4946E+01	.0000E+00	.0000E+00	.0000E+00
121	.0000E+00	.0000E+00	.5616E+01	.0000E+00	.0000E+00	.0000E+00
122	.0000E+00	.0000E+00	.4132E+01	.0000E+00	.0000E+00	.0000E+00

IMAGES 3D

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SOLVE DISPLACEMENTS Version 2.0 07/01/90

LOAD CASE 2

SEIMIC SOIL PRESSURE

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
1	.0000E+00	.0000E+00	.6972E+01	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.1394E+02	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.1394E+02	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.1394E+02	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.1394E+02	.0000E+00	.0000E+00	.0000E+00
6	.0000E+00	.0000E+00	.1394E+02	.0000E+00	.0000E+00	.0000E+00
7	.0000E+00	.0000E+00	.1394E+02	.0000E+00	.0000E+00	.0000E+00
8	.0000E+00	.0000E+00	.1394E+02	.0000E+00	.0000E+00	.0000E+00
9	.0000E+00	.0000E+00	.1394E+02	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.1394E+02	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.6972E+01	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.4183E+02	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.8366E+02	.0000E+00	.0000E+00	.0000E+00
14	.0000E+00	.0000E+00	.8366E+02	.0000E+00	.0000E+00	.0000E+00
15	.0000E+00	.0000E+00	.8366E+02	.0000E+00	.0000E+00	.0000E+00
16	.0000E+00	.0000E+00	.8366E+02	.0000E+00	.0000E+00	.0000E+00
17	.0000E+00	.0000E+00	.8366E+02	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.8366E+02	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.8366E+02	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.8366E+02	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.8366E+02	.0000E+00	.0000E+00	.0000E+00
22	.0000E+00	.0000E+00	.4183E+02	.0000E+00	.0000E+00	.0000E+00
23	.0000E+00	.0000E+00	.8366E+02	.0000E+00	.0000E+00	.0000E+00
24	.0000E+00	.0000E+00	.1673E+03	.0000E+00	.0000E+00	.0000E+00
25	.0000E+00	.0000E+00	.1673E+03	.0000E+00	.0000E+00	.0000E+00
26	.0000E+00	.0000E+00	.1673E+03	.0000E+00	.0000E+00	.0000E+00
27	.0000E+00	.0000E+00	.1673E+03	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.1673E+03	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.1673E+03	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.1673E+03	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.1673E+03	.0000E+00	.0000E+00	.0000E+00
32	.0000E+00	.0000E+00	.1673E+03	.0000E+00	.0000E+00	.0000E+00
33	.0000E+00	.0000E+00	.8366E+02	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.1255E+03	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.2510E+03	.0000E+00	.0000E+00	.0000E+00

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L O A D C A S E 2

SEIMIC SOIL PRESSURE

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
36	.0000E+00	.0000E+00	.2510E+03	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.2510E+03	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.2510E+03	.0000E+00	.0000E+00	.0000E+00
39	.0000E+00	.0000E+00	.2510E+03	.0000E+00	.0000E+00	.0000E+00
40	.0000E+00	.0000E+00	.2510E+03	.0000E+00	.0000E+00	.0000E+00
41	.0000E+00	.0000E+00	.2510E+03	.0000E+00	.0000E+00	.0000E+00
42	.0000E+00	.0000E+00	.2510E+03	.0000E+00	.0000E+00	.0000E+00
43	.0000E+00	.0000E+00	.2510E+03	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.1255E+03	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.1418E+03	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.2836E+03	.0000E+00	.0000E+00	.0000E+00
47	.0000E+00	.0000E+00	.2836E+03	.0000E+00	.0000E+00	.0000E+00
48	.0000E+00	.0000E+00	.2836E+03	.0000E+00	.0000E+00	.0000E+00
49	.0000E+00	.0000E+00	.2836E+03	.0000E+00	.0000E+00	.0000E+00
50	.0000E+00	.0000E+00	.2836E+03	.0000E+00	.0000E+00	.0000E+00
51	.0000E+00	.0000E+00	.2836E+03	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.2836E+03	.0000E+00	.0000E+00	.0000E+00
53	.0000E+00	.0000E+00	.2836E+03	.0000E+00	.0000E+00	.0000E+00
54	.0000E+00	.0000E+00	.2836E+03	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.1418E+03	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.1401E+03	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.2639E+03	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.2932E+03	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.2759E+03	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.2744E+03	.0000E+00	.0000E+00	.0000E+00
61	.0000E+00	.0000E+00	.2602E+03	.0000E+00	.0000E+00	.0000E+00
62	.0000E+00	.0000E+00	.2932E+03	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.2759E+03	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.2744E+03	.0000E+00	.0000E+00	.0000E+00
65	.0000E+00	.0000E+00	.2602E+03	.0000E+00	.0000E+00	.0000E+00
66	.0000E+00	.0000E+00	.1626E+03	.0000E+00	.0000E+00	.0000E+00
67	.0000E+00	.0000E+00	.1589E+03	.0000E+00	.0000E+00	.0000E+00
68	.0000E+00	.0000E+00	.2309E+03	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.1516E+03	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.2243E+03	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.2892E+03	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.2811E+03	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.2085E+03	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.1516E+03	.0000E+00	.0000E+00	.0000E+00
75	.0000E+00	.0000E+00	.2243E+03	.0000E+00	.0000E+00	.0000E+00

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L O A D C A S E 2

SEIMIC SOIL PRESSURE

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
76	.0000E+00	.0000E+00	.2892E+03	.0000E+00	.0000E+00	.0000E+00
77	.0000E+00	.0000E+00	.2811E+03	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.2085E+03	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.1737E+03	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.1018E+03	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.8899E+02	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.1190E+03	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.8004E+02	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.1251E+03	.0000E+00	.0000E+00	.0000E+00
85	.0000E+00	.0000E+00	.1501E+03	.0000E+00	.0000E+00	.0000E+00
86	.0000E+00	.0000E+00	.1451E+03	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.1000E+03	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.8004E+02	.0000E+00	.0000E+00	.0000E+00
89	.0000E+00	.0000E+00	.1251E+03	.0000E+00	.0000E+00	.0000E+00
90	.0000E+00	.0000E+00	.1501E+03	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.1451E+03	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.1000E+03	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.9899E+02	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.6898E+02	.0000E+00	.0000E+00	.0000E+00

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L O A D C A S E 3

LATERAL EARTH PRESSURE

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
1	.0000E+00	.0000E+00	.6642E+02	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.1328E+03	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.1328E+03	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.1328E+03	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.1328E+03	.0000E+00	.0000E+00	.0000E+00
6	.0000E+00	.0000E+00	.1328E+03	.0000E+00	.0000E+00	.0000E+00
7	.0000E+00	.0000E+00	.1328E+03	.0000E+00	.0000E+00	.0000E+00
8	.0000E+00	.0000E+00	.1328E+03	.0000E+00	.0000E+00	.0000E+00
9	.0000E+00	.0000E+00	.1328E+03	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.1328E+03	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.6642E+02	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.1173E+03	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.2345E+03	.0000E+00	.0000E+00	.0000E+00
14	.0000E+00	.0000E+00	.2345E+03	.0000E+00	.0000E+00	.0000E+00
15	.0000E+00	.0000E+00	.2345E+03	.0000E+00	.0000E+00	.0000E+00
16	.0000E+00	.0000E+00	.2345E+03	.0000E+00	.0000E+00	.0000E+00
17	.0000E+00	.0000E+00	.2345E+03	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.2345E+03	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.2345E+03	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.2345E+03	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.2345E+03	.0000E+00	.0000E+00	.0000E+00
22	.0000E+00	.0000E+00	.1173E+03	.0000E+00	.0000E+00	.0000E+00
23	.0000E+00	.0000E+00	.9388E+02	.0000E+00	.0000E+00	.0000E+00
24	.0000E+00	.0000E+00	.1878E+03	.0000E+00	.0000E+00	.0000E+00
25	.0000E+00	.0000E+00	.1878E+03	.0000E+00	.0000E+00	.0000E+00
26	.0000E+00	.0000E+00	.1878E+03	.0000E+00	.0000E+00	.0000E+00
27	.0000E+00	.0000E+00	.1878E+03	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.1878E+03	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.1878E+03	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.1878E+03	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.1878E+03	.0000E+00	.0000E+00	.0000E+00
32	.0000E+00	.0000E+00	.1878E+03	.0000E+00	.0000E+00	.0000E+00
33	.0000E+00	.0000E+00	.9388E+02	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.7051E+02	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.1410E+03	.0000E+00	.0000E+00	.0000E+00

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L O A D C A S E 3

LATERAL EARTH PRESSURE

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
36	.0000E+00	.0000E+00	.1410E+03	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.1410E+03	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.1410E+03	.0000E+00	.0000E+00	.0000E+00
39	.0000E+00	.0000E+00	.1410E+03	.0000E+00	.0000E+00	.0000E+00
40	.0000E+00	.0000E+00	.1410E+03	.0000E+00	.0000E+00	.0000E+00
41	.0000E+00	.0000E+00	.1410E+03	.0000E+00	.0000E+00	.0000E+00
42	.0000E+00	.0000E+00	.1410E+03	.0000E+00	.0000E+00	.0000E+00
43	.0000E+00	.0000E+00	.1410E+03	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.7051E+02	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.4265E+02	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.8530E+02	.0000E+00	.0000E+00	.0000E+00
47	.0000E+00	.0000E+00	.8530E+02	.0000E+00	.0000E+00	.0000E+00
48	.0000E+00	.0000E+00	.8530E+02	.0000E+00	.0000E+00	.0000E+00
49	.0000E+00	.0000E+00	.8530E+02	.0000E+00	.0000E+00	.0000E+00
50	.0000E+00	.0000E+00	.8530E+02	.0000E+00	.0000E+00	.0000E+00
51	.0000E+00	.0000E+00	.8530E+02	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.8530E+02	.0000E+00	.0000E+00	.0000E+00
53	.0000E+00	.0000E+00	.8530E+02	.0000E+00	.0000E+00	.0000E+00
54	.0000E+00	.0000E+00	.8530E+02	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.4265E+02	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.1824E+02	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.3533E+02	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.3740E+02	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.3618E+02	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.3607E+02	.0000E+00	.0000E+00	.0000E+00
61	.0000E+00	.0000E+00	.3507E+02	.0000E+00	.0000E+00	.0000E+00
62	.0000E+00	.0000E+00	.3740E+02	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.3618E+02	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.3607E+02	.0000E+00	.0000E+00	.0000E+00
65	.0000E+00	.0000E+00	.3507E+02	.0000E+00	.0000E+00	.0000E+00
66	.0000E+00	.0000E+00	.1983E+02	.0000E+00	.0000E+00	.0000E+00
67	.0000E+00	.0000E+00	.1055E+02	.0000E+00	.0000E+00	.0000E+00
68	.0000E+00	.0000E+00	.1540E+02	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.1015E+02	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.1493E+02	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.1925E+02	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.1871E+02	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.1394E+02	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.1015E+02	.0000E+00	.0000E+00	.0000E+00
75	.0000E+00	.0000E+00	.1493E+02	.0000E+00	.0000E+00	.0000E+00

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L O A D C A S E 3

LATERAL EARTH PRESSURE

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
76	.0000E+00	.0000E+00	.1925E+02	.0000E+00	.0000E+00	.0000E+00
77	.0000E+00	.0000E+00	.1871E+02	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.1394E+02	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.1161E+02	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.6763E+01	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.5480E+01	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.7329E+01	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.4932E+01	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.7706E+01	.0000E+00	.0000E+00	.0000E+00
85	.0000E+00	.0000E+00	.9248E+01	.0000E+00	.0000E+00	.0000E+00
86	.0000E+00	.0000E+00	.8939E+01	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.6165E+01	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.4932E+01	.0000E+00	.0000E+00	.0000E+00
89	.0000E+00	.0000E+00	.7706E+01	.0000E+00	.0000E+00	.0000E+00
90	.0000E+00	.0000E+00	.9248E+01	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.8939E+01	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.6165E+01	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.6096E+01	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.4247E+01	.0000E+00	.0000E+00	.0000E+00

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SOLVE DISPLACEMENTS Version 2.0 07/01/90

L O A D C A S E 4

PLATFORM LOAD

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
82	.0000E+00	.0000E+00	.3450E+04	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.3450E+04	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.1350E+04	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.1350E+04	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.3400E+04	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.3400E+04	.0000E+00	.0000E+00	.0000E+00
96	.0000E+00	.0000E+00	.3450E+04	.0000E+00	.0000E+00	.0000E+00
97	.0000E+00	.0000E+00	.3450E+04	.0000E+00	.0000E+00	.0000E+00
101	.0000E+00	.0000E+00	.1350E+04	.0000E+00	.0000E+00	.0000E+00
102	.0000E+00	.0000E+00	.1350E+04	.0000E+00	.0000E+00	.0000E+00
106	.0000E+00	.0000E+00	.3400E+04	.0000E+00	.0000E+00	.0000E+00
107	.0000E+00	.0000E+00	.3400E+04	.0000E+00	.0000E+00	.0000E+00

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L O A D C A S E 5

OVERBURDEN PRESSURE

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
1	.0000E+00	.0000E+00	.7813E+02	.0000E+00	.0000E+00	.0000E+00
2	.0000E+00	.0000E+00	.1563E+03	.0000E+00	.0000E+00	.0000E+00
3	.0000E+00	.0000E+00	.1563E+03	.0000E+00	.0000E+00	.0000E+00
4	.0000E+00	.0000E+00	.1563E+03	.0000E+00	.0000E+00	.0000E+00
5	.0000E+00	.0000E+00	.1563E+03	.0000E+00	.0000E+00	.0000E+00
6	.0000E+00	.0000E+00	.1563E+03	.0000E+00	.0000E+00	.0000E+00
7	.0000E+00	.0000E+00	.1563E+03	.0000E+00	.0000E+00	.0000E+00
8	.0000E+00	.0000E+00	.1563E+03	.0000E+00	.0000E+00	.0000E+00
9	.0000E+00	.0000E+00	.1563E+03	.0000E+00	.0000E+00	.0000E+00
10	.0000E+00	.0000E+00	.1563E+03	.0000E+00	.0000E+00	.0000E+00
11	.0000E+00	.0000E+00	.7813E+02	.0000E+00	.0000E+00	.0000E+00
12	.0000E+00	.0000E+00	.1563E+03	.0000E+00	.0000E+00	.0000E+00
13	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
14	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
15	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
16	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
17	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
18	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
19	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
20	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
21	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
22	.0000E+00	.0000E+00	.1563E+03	.0000E+00	.0000E+00	.0000E+00
23	.0000E+00	.0000E+00	.1563E+03	.0000E+00	.0000E+00	.0000E+00
24	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
25	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
26	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
27	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
28	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
29	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
30	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
31	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
32	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
33	.0000E+00	.0000E+00	.1563E+03	.0000E+00	.0000E+00	.0000E+00
34	.0000E+00	.0000E+00	.1563E+03	.0000E+00	.0000E+00	.0000E+00
35	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00

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SOLVE DISPLACEMENTS Version 2.0 07/01/90

L O A D C A S E 5

OVERBURDEN PRESSURE

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
36	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
37	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
38	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
39	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
40	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
41	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
42	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
43	.0000E+00	.0000E+00	.3125E+03	.0000E+00	.0000E+00	.0000E+00
44	.0000E+00	.0000E+00	.1563E+03	.0000E+00	.0000E+00	.0000E+00
45	.0000E+00	.0000E+00	.1354E+03	.0000E+00	.0000E+00	.0000E+00
46	.0000E+00	.0000E+00	.2709E+03	.0000E+00	.0000E+00	.0000E+00
47	.0000E+00	.0000E+00	.2709E+03	.0000E+00	.0000E+00	.0000E+00
48	.0000E+00	.0000E+00	.2709E+03	.0000E+00	.0000E+00	.0000E+00
49	.0000E+00	.0000E+00	.2709E+03	.0000E+00	.0000E+00	.0000E+00
50	.0000E+00	.0000E+00	.2709E+03	.0000E+00	.0000E+00	.0000E+00
51	.0000E+00	.0000E+00	.2709E+03	.0000E+00	.0000E+00	.0000E+00
52	.0000E+00	.0000E+00	.2709E+03	.0000E+00	.0000E+00	.0000E+00
53	.0000E+00	.0000E+00	.2709E+03	.0000E+00	.0000E+00	.0000E+00
54	.0000E+00	.0000E+00	.2709E+03	.0000E+00	.0000E+00	.0000E+00
55	.0000E+00	.0000E+00	.1354E+03	.0000E+00	.0000E+00	.0000E+00
56	.0000E+00	.0000E+00	.1109E+03	.0000E+00	.0000E+00	.0000E+00
57	.0000E+00	.0000E+00	.2099E+03	.0000E+00	.0000E+00	.0000E+00
58	.0000E+00	.0000E+00	.2315E+03	.0000E+00	.0000E+00	.0000E+00
59	.0000E+00	.0000E+00	.2188E+03	.0000E+00	.0000E+00	.0000E+00
60	.0000E+00	.0000E+00	.2176E+03	.0000E+00	.0000E+00	.0000E+00
61	.0000E+00	.0000E+00	.2072E+03	.0000E+00	.0000E+00	.0000E+00
62	.0000E+00	.0000E+00	.2315E+03	.0000E+00	.0000E+00	.0000E+00
63	.0000E+00	.0000E+00	.2188E+03	.0000E+00	.0000E+00	.0000E+00
64	.0000E+00	.0000E+00	.2176E+03	.0000E+00	.0000E+00	.0000E+00
65	.0000E+00	.0000E+00	.2072E+03	.0000E+00	.0000E+00	.0000E+00
66	.0000E+00	.0000E+00	.1275E+03	.0000E+00	.0000E+00	.0000E+00
67	.0000E+00	.0000E+00	.1099E+03	.0000E+00	.0000E+00	.0000E+00
68	.0000E+00	.0000E+00	.1605E+03	.0000E+00	.0000E+00	.0000E+00
69	.0000E+00	.0000E+00	.1058E+03	.0000E+00	.0000E+00	.0000E+00
70	.0000E+00	.0000E+00	.1555E+03	.0000E+00	.0000E+00	.0000E+00
71	.0000E+00	.0000E+00	.2005E+03	.0000E+00	.0000E+00	.0000E+00
72	.0000E+00	.0000E+00	.1950E+03	.0000E+00	.0000E+00	.0000E+00
73	.0000E+00	.0000E+00	.1453E+03	.0000E+00	.0000E+00	.0000E+00
74	.0000E+00	.0000E+00	.1058E+03	.0000E+00	.0000E+00	.0000E+00
75	.0000E+00	.0000E+00	.1555E+03	.0000E+00	.0000E+00	.0000E+00

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L O A D C A S E 5

OVERBURDEN PRESSURE

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
76	.0000E+00	.0000E+00	.2005E+03	.0000E+00	.0000E+00	.0000E+00
77	.0000E+00	.0000E+00	.1950E+03	.0000E+00	.0000E+00	.0000E+00
78	.0000E+00	.0000E+00	.1453E+03	.0000E+00	.0000E+00	.0000E+00
79	.0000E+00	.0000E+00	.1210E+03	.0000E+00	.0000E+00	.0000E+00
80	.0000E+00	.0000E+00	.7047E+02	.0000E+00	.0000E+00	.0000E+00
81	.0000E+00	.0000E+00	.5710E+02	.0000E+00	.0000E+00	.0000E+00
82	.0000E+00	.0000E+00	.7637E+02	.0000E+00	.0000E+00	.0000E+00
83	.0000E+00	.0000E+00	.5139E+02	.0000E+00	.0000E+00	.0000E+00
84	.0000E+00	.0000E+00	.8030E+02	.0000E+00	.0000E+00	.0000E+00
85	.0000E+00	.0000E+00	.9636E+02	.0000E+00	.0000E+00	.0000E+00
86	.0000E+00	.0000E+00	.9315E+02	.0000E+00	.0000E+00	.0000E+00
87	.0000E+00	.0000E+00	.6424E+02	.0000E+00	.0000E+00	.0000E+00
88	.0000E+00	.0000E+00	.5139E+02	.0000E+00	.0000E+00	.0000E+00
89	.0000E+00	.0000E+00	.8030E+02	.0000E+00	.0000E+00	.0000E+00
90	.0000E+00	.0000E+00	.9636E+02	.0000E+00	.0000E+00	.0000E+00
91	.0000E+00	.0000E+00	.9315E+02	.0000E+00	.0000E+00	.0000E+00
92	.0000E+00	.0000E+00	.6424E+02	.0000E+00	.0000E+00	.0000E+00
93	.0000E+00	.0000E+00	.6352E+02	.0000E+00	.0000E+00	.0000E+00
94	.0000E+00	.0000E+00	.4425E+02	.0000E+00	.0000E+00	.0000E+00

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SOLVE PLATE LOADS/STRESSES Version 2.0 07/01/90

Load Case 1:SELF WEIGHT

MAXIMUM STRESS SUMMARY FOR PLATES
WITHIN SPECIFIED RANGE 1- 102

Maximum (absolute) Stress = .7321E+01 at Plate 63

Plate	Sigma X	Sigma Y	Tau XY	Von Mises
63	-.1098E+01	-.7321E+01	-.1014E+00	.6841E+01

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SOLVE PLATE LOADS/STRESSES Version 2.0 07/01/90

Load Case 2:SEIMIC SOIL PRESSURE

MAXIMUM STRESS SUMMARY FOR PLATES
WITHIN SPECIFIED RANGE 1- 102

Maximum (absolute) Stress = .3694E+02 at Plate 63

Plate	Sigma X	Sigma Y	Tau XY	Von Mises
63	-.5540E+01	-.3694E+02	-.2372E+00	.3450E+02

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SOLVE PLATE LOADS/STRESSES Version 2.0 07/01/90

Load Case 3:LATERAL EARTH PRESSURE

MAXIMUM STRESS SUMMARY FOR PLATES
WITHIN SPECIFIED RANGE 1- 102

Maximum (absolute) Stress = .8054E+01 at Plate 50

Plate	Sigma X	Sigma Y	Tau XY	Von Mises
50	-.8054E+01	-.1004E+01	.7157E+00	.7702E+01

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Load Case 4:PLATFORM LOAD

MAXIMUM STRESS SUMMARY FOR PLATES
WITHIN SPECIFIED RANGE 1- 102

Maximum (absolute) Stress = .1430E+03 at Plate 89

Plate	Sigma X	Sigma Y	Tau XY	Von Mises
89	-.1292E+03	-.1375E+02	.4219E+02	.1430E+03

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SOLVE PLATE LOADS/STRESSES Version 2.0 07/01/90

Load Case 5:OVERBURDEN PRESSURE

MAXIMUM STRESS SUMMARY FOR PLATES
WITHIN SPECIFIED RANGE 1- 102

Maximum (absolute) Stress = .3049E+02 at Plate 63

Plate	Sigma X	Sigma Y	Tau XY	Von Mises
63	-.4574E+01	-.3049E+02	.2265E+00	.2848E+02

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COMBINE RESULTS Version 2.0 07/01/90

Combined Displacements

Load Combination Method
.75*(1.7*(f[1,3]+f[1,5])+1.87*(1.5*(f[1,1]+f[1,2])+f[1,4]))

Node	Dx	Dy	Dz	Rx	Ry	Rz
1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	0.000E+00	0.000E+00	8.475E-05	1.370E-05	-1.315E-05	0.000E+00
14	0.000E+00	0.000E+00	2.910E-04	3.059E-05	-1.851E-05	0.000E+00
15	0.000E+00	0.000E+00	5.149E-04	4.934E-05	-1.661E-05	0.000E+00
16	0.000E+00	0.000E+00	6.770E-04	6.305E-05	-9.462E-06	0.000E+00
17	0.000E+00	0.000E+00	7.347E-04	6.794E-05	7.480E-08	0.000E+00
18	0.000E+00	0.000E+00	6.757E-04	6.288E-05	9.565E-06	0.000E+00
19	0.000E+00	0.000E+00	5.132E-04	4.911E-05	1.660E-05	0.000E+00
20	0.000E+00	0.000E+00	2.901E-04	3.041E-05	1.843E-05	0.000E+00
21	0.000E+00	0.000E+00	8.482E-05	1.362E-05	1.308E-05	0.000E+00
22	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
23	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
24	0.000E+00	0.000E+00	3.090E-04	2.376E-05	-3.212E-05	0.000E+00
25	0.000E+00	0.000E+00	9.336E-04	5.143E-05	-4.393E-05	0.000E+00
26	0.000E+00	0.000E+00	1.587E-03	8.050E-05	-3.841E-05	0.000E+00
27	0.000E+00	0.000E+00	2.054E-03	1.011E-04	-2.159E-05	0.000E+00
28	0.000E+00	0.000E+00	2.218E-03	1.083E-04	2.427E-07	0.000E+00
29	0.000E+00	0.000E+00	2.048E-03	1.007E-04	2.194E-05	0.000E+00
30	0.000E+00	0.000E+00	1.579E-03	7.987E-05	3.844E-05	0.000E+00
31	0.000E+00	0.000E+00	9.279E-04	5.088E-05	4.369E-05	0.000E+00
32	0.000E+00	0.000E+00	3.075E-04	2.346E-05	3.188E-05	0.000E+00
33	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
34	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
35	0.000E+00	0.000E+00	6.417E-04	3.383E-05	-6.056E-05	0.000E+00
36	0.000E+00	0.000E+00	1.843E-03	6.944E-05	-7.929E-05	0.000E+00
37	0.000E+00	0.000E+00	3.042E-03	1.043E-04	-6.719E-05	0.000E+00

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COMBINE RESULTS Version 2.0 07/01/90

Combined Displacements

Node	Dx	Dy	Dz	Rx	Ry	Rz
38	0.000E+00	0.000E+00	3.876E-03	1.278E-04	-3.704E-05	0.000E+00
39	0.000E+00	0.000E+00	4.165E-03	1.357E-04	5.913E-07	0.000E+00
40	0.000E+00	0.000E+00	3.860E-03	1.269E-04	3.798E-05	0.000E+00
41	0.000E+00	0.000E+00	3.019E-03	1.029E-04	6.734E-05	0.000E+00
42	0.000E+00	0.000E+00	1.824E-03	6.815E-05	7.874E-05	0.000E+00
43	0.000E+00	0.000E+00	6.347E-04	3.307E-05	5.985E-05	0.000E+00
44	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
45	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
46	0.000E+00	0.000E+00	1.132E-03	4.700E-05	-9.768E-05	0.000E+00
47	0.000E+00	0.000E+00	3.047E-03	8.964E-05	-1.205E-04	0.000E+00
48	0.000E+00	0.000E+00	4.842E-03	1.273E-04	-9.779E-05	0.000E+00
49	0.000E+00	0.000E+00	6.054E-03	1.516E-04	-5.329E-05	0.000E+00
50	0.000E+00	0.000E+00	6.471E-03	1.597E-04	1.228E-06	0.000E+00
51	0.000E+00	0.000E+00	6.020E-03	1.501E-04	5.521E-05	0.000E+00
52	0.000E+00	0.000E+00	4.785E-03	1.245E-04	9.857E-05	0.000E+00
53	0.000E+00	0.000E+00	2.997E-03	8.690E-05	1.191E-04	0.000E+00
54	0.000E+00	0.000E+00	1.111E-03	4.551E-05	9.593E-05	0.000E+00
55	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
56	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
57	0.000E+00	0.000E+00	1.670E-03	5.772E-05	-1.279E-04	0.000E+00
58	0.000E+00	0.000E+00	4.172E-03	1.008E-04	-1.468E-04	0.000E+00
59	0.000E+00	0.000E+00	6.383E-03	1.431E-04	-1.129E-04	0.000E+00
60	0.000E+00	0.000E+00	7.869E-03	1.680E-04	-6.208E-05	0.000E+00
61	0.000E+00	0.000E+00	8.389E-03	1.770E-04	3.601E-07	0.000E+00
62	0.000E+00	0.000E+00	7.820E-03	1.691E-04	5.959E-05	0.000E+00
63	0.000E+00	0.000E+00	6.282E-03	1.388E-04	1.143E-04	0.000E+00
64	0.000E+00	0.000E+00	4.079E-03	1.016E-04	1.406E-04	0.000E+00
65	0.000E+00	0.000E+00	1.633E-03	5.589E-05	1.234E-04	0.000E+00
66	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
67	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
68	0.000E+00	0.000E+00	2.228E-03	9.457E-05	-1.941E-04	0.000E+00
69	0.000E+00	0.000E+00	3.502E-03	8.641E-05	-2.066E-04	0.000E+00
70	0.000E+00	0.000E+00	5.517E-03	1.141E-04	-2.002E-04	0.000E+00
71	0.000E+00	0.000E+00	8.004E-03	1.665E-04	-1.420E-04	0.000E+00
72	0.000E+00	0.000E+00	9.748E-03	1.906E-04	-8.279E-05	0.000E+00
73	0.000E+00	0.000E+00	1.040E-02	2.043E-04	-4.666E-06	0.000E+00
74	0.000E+00	0.000E+00	1.031E-02	2.045E-04	1.196E-05	0.000E+00
75	0.000E+00	0.000E+00	9.674E-03	1.980E-04	6.121E-05	0.000E+00
76	0.000E+00	0.000E+00	7.843E-03	1.601E-04	1.475E-04	0.000E+00
77	0.000E+00	0.000E+00	5.320E-03	1.289E-04	1.800E-04	0.000E+00
78	0.000E+00	0.000E+00	2.667E-03	9.366E-05	1.775E-04	0.000E+00

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COMBINE RESULTS Version 2.0 07/01/90

Combined Displacements

Node	Dx	Dy	Dz	Rx	Ry	Rz
79	0.000E+00	0.000E+00	1.538E-03	9.710E-05	1.489E-04	0.000E+00
80	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
81	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
82	0.000E+00	0.000E+00	3.292E-03	1.008E-04	-2.434E-04	0.000E+00
83	0.000E+00	0.000E+00	4.847E-03	1.228E-04	-2.312E-04	0.000E+00
84	0.000E+00	0.000E+00	6.915E-03	1.486E-04	-1.995E-04	0.000E+00
85	0.000E+00	0.000E+00	9.628E-03	1.772E-04	-1.574E-04	0.000E+00
86	0.000E+00	0.000E+00	1.159E-02	2.006E-04	-9.604E-05	0.000E+00
87	0.000E+00	0.000E+00	1.245E-02	2.140E-04	-7.084E-06	0.000E+00
88	0.000E+00	0.000E+00	1.235E-02	2.119E-04	3.924E-05	0.000E+00
89	0.000E+00	0.000E+00	1.151E-02	1.983E-04	1.049E-04	0.000E+00
90	0.000E+00	0.000E+00	9.392E-03	1.697E-04	1.658E-04	0.000E+00
91	0.000E+00	0.000E+00	6.602E-03	1.384E-04	1.952E-04	0.000E+00
92	0.000E+00	0.000E+00	3.811E-03	1.023E-04	2.110E-04	0.000E+00
93	0.000E+00	0.000E+00	2.407E-03	7.942E-05	2.074E-04	0.000E+00
94	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
95	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
96	0.000E+00	0.000E+00	3.888E-03	8.635E-05	-2.635E-04	0.000E+00
97	0.000E+00	0.000E+00	5.603E-03	1.151E-04	-2.472E-04	0.000E+00
98	0.000E+00	0.000E+00	7.831E-03	1.512E-04	-2.092E-04	0.000E+00
99	0.000E+00	0.000E+00	1.071E-02	1.808E-04	-1.645E-04	0.000E+00
100	0.000E+00	0.000E+00	1.282E-02	2.052E-04	-1.023E-04	0.000E+00
101	0.000E+00	0.000E+00	1.375E-02	2.154E-04	-8.132E-06	0.000E+00
102	0.000E+00	0.000E+00	1.364E-02	2.136E-04	4.285E-05	0.000E+00
103	0.000E+00	0.000E+00	1.272E-02	2.026E-04	1.122E-04	0.000E+00
104	0.000E+00	0.000E+00	1.042E-02	1.729E-04	1.746E-04	0.000E+00
105	0.000E+00	0.000E+00	7.453E-03	1.411E-04	2.042E-04	0.000E+00
106	0.000E+00	0.000E+00	4.437E-03	9.352E-05	2.269E-04	0.000E+00
107	0.000E+00	0.000E+00	2.881E-03	6.479E-05	2.267E-04	0.000E+00
108	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
109	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
110	0.000E+00	0.000E+00	4.228E-03	7.382E-05	-2.557E-04	0.000E+00
111	0.000E+00	0.000E+00	6.077E-03	1.140E-04	-2.422E-04	0.000E+00
112	0.000E+00	0.000E+00	8.565E-03	1.531E-04	-2.074E-04	0.000E+00
113	0.000E+00	0.000E+00	1.157E-02	1.832E-04	-1.629E-04	0.000E+00
114	0.000E+00	0.000E+00	1.381E-02	2.090E-04	-1.014E-04	0.000E+00
115	0.000E+00	0.000E+00	1.476E-02	2.190E-04	-7.670E-06	0.000E+00
116	0.000E+00	0.000E+00	1.464E-02	2.173E-04	4.216E-05	0.000E+00
117	0.000E+00	0.000E+00	1.370E-02	2.062E-04	1.109E-04	0.000E+00
118	0.000E+00	0.000E+00	1.125E-02	1.750E-04	1.730E-04	0.000E+00
119	0.000E+00	0.000E+00	8.141E-03	1.424E-04	2.022E-04	0.000E+00

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COMBINE RESULTS Version 2.0 07/01/90

Combined Displacements

Node	Dx	Dy	Dz	Rx	Ry	Rz
120	0.000E+00	0.000E+00	4.817E-03	9.086E-05	2.224E-04	0.000E+00
121	0.000E+00	0.000E+00	3.116E-03	5.191E-05	2.201E-04	0.000E+00
122	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

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Combined Plate Stresses

Load Combination Method
.75*(1.7*(f[1,3]+f[1,5])+1.87*(1.5*(f[1,1]+f[1,2])+f[1,4]))

Plate		Sigma-X	Sigma-Y	Tau-XY	Tau-XZ	Tau-YZ
1	T	-1.602E+01	-1.651E+01	-1.202E+01		
1	M	0.000E+00	0.000E+00	0.000E+00	-8.622E-01	-1.120E+00
1	B	1.602E+01	1.651E+01	1.202E+01		
2	T	-1.265E+01	-4.750E+01	-2.173E+01		
2	M	0.000E+00	0.000E+00	0.000E+00	-1.943E+00	2.706E+00
2	B	1.265E+01	4.750E+01	2.173E+01		
3	T	-1.062E+01	-8.389E+01	-2.412E+01		
3	M	0.000E+00	0.000E+00	0.000E+00	-2.456E+00	1.283E+01
3	B	1.062E+01	8.389E+01	2.412E+01		
4	T	-1.023E+01	-1.172E+02	-1.780E+01		
4	M	0.000E+00	0.000E+00	0.000E+00	-2.074E+00	2.170E+01
4	B	1.023E+01	1.172E+02	1.780E+01		
5	T	-1.065E+01	-1.365E+02	-6.394E+00		
5	M	0.000E+00	0.000E+00	0.000E+00	-7.926E-01	2.669E+01
5	B	1.065E+01	1.365E+02	6.394E+00		
6	T	-1.067E+01	-1.363E+02	6.579E+00		
6	M	0.000E+00	0.000E+00	0.000E+00	8.261E-01	2.668E+01
6	B	1.067E+01	1.363E+02	-6.579E+00		
7	T	-1.028E+01	-1.169E+02	1.788E+01		
7	M	0.000E+00	0.000E+00	0.000E+00	2.099E+00	2.169E+01
7	B	1.028E+01	1.169E+02	-1.788E+01		
8	T	-1.064E+01	-8.347E+01	2.406E+01		
8	M	0.000E+00	0.000E+00	0.000E+00	2.468E+00	1.286E+01
8	B	1.064E+01	8.347E+01	-2.406E+01		
9	T	-1.259E+01	-4.722E+01	2.163E+01		
9	M	0.000E+00	0.000E+00	0.000E+00	1.935E+00	2.780E+00
9	B	1.259E+01	4.722E+01	-2.163E+01		
10	T	-1.593E+01	-1.641E+01	1.195E+01		
10	M	0.000E+00	0.000E+00	0.000E+00	8.276E-01	-1.076E+00
10	B	1.593E+01	1.641E+01	-1.195E+01		
11	T	-4.928E+01	-1.775E+01	-2.526E+01		
11	M	0.000E+00	0.000E+00	0.000E+00	3.371E+00	-3.525E+00
11	B	4.928E+01	1.775E+01	2.526E+01		
12	T	-2.296E+01	-3.525E+01	-3.982E+01		
12	M	0.000E+00	0.000E+00	0.000E+00	1.425E+00	-1.813E+00
12	B	2.296E+01	3.525E+01	3.982E+01		

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COMBINE RESULTS Version 2.0 07/01/90

Combined Plate Stresses

Plate		Sigma-X	Sigma-Y	Tau-XY	Tau-XZ	Tau-YZ
13	T	-3.982E-01	-5.360E+01	-4.255E+01		
13	M	0.000E+00	0.000E+00	0.000E+00	-2.170E-01	7.834E+00
13	B	3.982E-01	5.360E+01	4.255E+01		
14	T	1.431E+01	-6.911E+01	-3.054E+01		
14	M	0.000E+00	0.000E+00	0.000E+00	-1.033E+00	1.519E+01
14	B	-1.431E+01	6.911E+01	3.054E+01		
15	T	2.066E+01	-7.759E+01	-1.076E+01		
15	M	0.000E+00	0.000E+00	0.000E+00	-5.207E-01	1.916E+01
15	B	-2.066E+01	7.759E+01	1.076E+01		
16	T	2.051E+01	-7.735E+01	1.128E+01		
16	M	0.000E+00	0.000E+00	0.000E+00	5.779E-01	1.915E+01
16	B	-2.051E+01	7.735E+01	-1.128E+01		
17	T	1.397E+01	-6.848E+01	3.079E+01		
17	M	0.000E+00	0.000E+00	0.000E+00	1.096E+00	1.520E+01
17	B	-1.397E+01	6.848E+01	-3.079E+01		
18	T	-6.387E-01	-5.284E+01	4.244E+01		
18	M	0.000E+00	0.000E+00	0.000E+00	2.787E-01	7.885E+00
18	B	6.387E-01	5.284E+01	-4.244E+01		
19	T	-2.286E+01	-3.464E+01	3.951E+01		
19	M	0.000E+00	0.000E+00	0.000E+00	-1.400E+00	-1.690E+00
19	B	2.286E+01	3.464E+01	-3.951E+01		
20	T	-4.892E+01	-1.747E+01	2.501E+01		
20	M	0.000E+00	0.000E+00	0.000E+00	-3.425E+00	-3.444E+00
20	B	4.892E+01	1.747E+01	-2.501E+01		
21	T	-9.922E+01	-2.525E+01	-3.851E+01		
21	M	0.000E+00	0.000E+00	0.000E+00	1.589E+01	-6.172E+00
21	B	9.922E+01	2.525E+01	3.851E+01		
22	T	-3.660E+01	-3.440E+01	-5.688E+01		
22	M	0.000E+00	0.000E+00	0.000E+00	1.283E+01	-6.003E+00
22	B	3.660E+01	3.440E+01	5.688E+01		
23	T	1.195E+01	-4.127E+01	-5.734E+01		
23	M	0.000E+00	0.000E+00	0.000E+00	8.519E+00	4.458E+00
23	B	-1.195E+01	4.127E+01	5.734E+01		
24	T	4.148E+01	-4.581E+01	-3.953E+01		
24	M	0.000E+00	0.000E+00	0.000E+00	4.270E+00	1.083E+01
24	B	-4.148E+01	4.581E+01	3.953E+01		
25	T	5.408E+01	-4.768E+01	-1.351E+01		
25	M	0.000E+00	0.000E+00	0.000E+00	1.227E+00	1.378E+01
25	B	-5.408E+01	4.768E+01	1.351E+01		
26	T	5.374E+01	-4.727E+01	1.467E+01		
26	M	0.000E+00	0.000E+00	0.000E+00	-1.206E+00	1.375E+01

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26     B -5.374E+01  4.727E+01 -1.467E+01
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COMBINE RESULTS Version 2.0 07/01/90

Combined Plate Stresses

Plate		Sigma-X	Sigma-Y	Tau-XY	Tau-XZ	Tau-YZ
27	T	4.052E+01	-4.471E+01	4.018E+01		
27	M	0.000E+00	0.000E+00	0.000E+00	-4.187E+00	1.080E+01
27	B	-4.052E+01	4.471E+01	-4.018E+01		
28	T	1.116E+01	-3.984E+01	5.718E+01		
28	M	0.000E+00	0.000E+00	0.000E+00	-8.369E+00	4.489E+00
28	B	-1.116E+01	3.984E+01	-5.718E+01		
29	T	-3.659E+01	-3.316E+01	5.619E+01		
29	M	0.000E+00	0.000E+00	0.000E+00	-1.265E+01	-5.812E+00
29	B	3.659E+01	3.316E+01	-5.619E+01		
30	T	-9.814E+01	-2.461E+01	3.783E+01		
30	M	0.000E+00	0.000E+00	0.000E+00	-1.580E+01	-6.021E+00
30	B	9.814E+01	2.461E+01	-3.783E+01		
31	T	-1.688E+02	-3.887E+01	-5.280E+01		
31	M	0.000E+00	0.000E+00	0.000E+00	3.648E+01	-7.220E+00
31	B	1.688E+02	3.887E+01	5.280E+01		
32	T	-4.899E+01	-4.172E+01	-7.007E+01		
32	M	0.000E+00	0.000E+00	0.000E+00	2.680E+01	-6.547E+00
32	B	4.899E+01	4.172E+01	7.007E+01		
33	T	2.981E+01	-3.995E+01	-6.458E+01		
33	M	0.000E+00	0.000E+00	0.000E+00	1.611E+01	4.553E+00
33	B	-2.981E+01	3.995E+01	6.458E+01		
34	T	7.123E+01	-3.740E+01	-4.238E+01		
34	M	0.000E+00	0.000E+00	0.000E+00	8.182E+00	9.036E+00
34	B	-7.123E+01	3.740E+01	4.238E+01		
35	T	8.952E+01	-3.575E+01	-1.418E+01		
35	M	0.000E+00	0.000E+00	0.000E+00	2.570E+00	1.076E+01
35	B	-8.952E+01	3.575E+01	1.418E+01		
36	T	8.879E+01	-3.524E+01	1.624E+01		
36	M	0.000E+00	0.000E+00	0.000E+00	-2.659E+00	1.072E+01
36	B	-8.879E+01	3.524E+01	-1.624E+01		
37	T	6.953E+01	-3.567E+01	4.389E+01		
37	M	0.000E+00	0.000E+00	0.000E+00	-8.248E+00	8.875E+00
37	B	-6.953E+01	3.567E+01	-4.389E+01		
38	T	2.731E+01	-3.746E+01	6.448E+01		
38	M	0.000E+00	0.000E+00	0.000E+00	-1.583E+01	4.409E+00
38	B	-2.731E+01	3.746E+01	-6.448E+01		
39	T	-4.929E+01	-3.952E+01	6.847E+01		
39	M	0.000E+00	0.000E+00	0.000E+00	-2.630E+01	-6.384E+00
39	B	4.929E+01	3.952E+01	-6.847E+01		
40	T	-1.660E+02	-3.772E+01	5.133E+01		
40	M	0.000E+00	0.000E+00	0.000E+00	-3.589E+01	-7.030E+00

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40     B  1.660E+02  3.772E+01 -5.133E+01
```

========== I M A G E S 3 D ==========
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==========
COMBINE RESULTS Version 2.0 07/01/90

Combined Plate Stresses

Plate		Sigma-X	Sigma-Y	Tau-XY	Tau-XZ	Tau-YZ
41	T	-2.399E+02	-5.103E+01	-6.532E+01		
41	M	0.000E+00	0.000E+00	0.000E+00	6.904E+01	-3.176E+00
41	B	2.399E+02	5.103E+01	6.532E+01		
42	T	-4.552E+01	-4.558E+01	-7.294E+01		
42	M	0.000E+00	0.000E+00	0.000E+00	4.673E+01	7.580E-01
42	B	4.552E+01	4.558E+01	7.294E+01		
43	T	4.822E+01	-3.866E+01	-5.596E+01		
43	M	0.000E+00	0.000E+00	0.000E+00	2.810E+01	8.528E+00
43	B	-4.822E+01	3.866E+01	5.596E+01		
44	T	9.344E+01	-3.115E+01	-3.660E+01		
44	M	0.000E+00	0.000E+00	0.000E+00	1.581E+01	9.477E+00
44	B	-9.344E+01	3.115E+01	3.660E+01		
45	T	1.159E+02	-2.985E+01	-1.359E+01		
45	M	0.000E+00	0.000E+00	0.000E+00	5.160E+00	1.051E+01
45	B	-1.159E+02	2.985E+01	1.359E+01		
46	T	1.190E+02	-2.958E+01	1.517E+01		
46	M	0.000E+00	0.000E+00	0.000E+00	-6.032E+00	1.054E+01
46	B	-1.190E+02	2.958E+01	-1.517E+01		
47	T	8.961E+01	-2.980E+01	4.021E+01		
47	M	0.000E+00	0.000E+00	0.000E+00	-1.652E+01	8.997E+00
47	B	-8.961E+01	2.980E+01	-4.021E+01		
48	T	4.315E+01	-3.427E+01	5.616E+01		
48	M	0.000E+00	0.000E+00	0.000E+00	-2.779E+01	7.888E+00
48	B	-4.315E+01	3.427E+01	-5.616E+01		
49	T	-4.796E+01	-4.244E+01	6.887E+01		
49	M	0.000E+00	0.000E+00	0.000E+00	-4.596E+01	7.744E-01
49	B	4.796E+01	4.244E+01	-6.887E+01		
50	T	-2.333E+02	-4.956E+01	6.217E+01		
50	M	0.000E+00	0.000E+00	0.000E+00	-6.832E+01	-3.027E+00
50	B	2.333E+02	4.956E+01	-6.217E+01		
51	T	-2.302E+02	-9.044E+01	-9.058E+01		
51	M	0.000E+00	0.000E+00	0.000E+00	7.925E+01	9.282E+00
51	B	2.302E+02	9.044E+01	9.058E+01		
52	T	-2.805E+01	-8.292E+01	-8.624E+01		
52	M	0.000E+00	0.000E+00	0.000E+00	5.058E+01	1.770E+01
52	B	2.805E+01	8.292E+01	8.624E+01		
53	T	-6.678E+01	1.367E+01	6.386E+01		
53	M	0.000E+00	0.000E+00	0.000E+00	1.575E+01	-2.537E+01
53	B	6.678E+01	-1.367E+01	-6.386E+01		
54	T	4.226E+01	-5.281E+01	-5.162E+01		
54	M	0.000E+00	0.000E+00	0.000E+00	2.067E+01	1.738E+01

```
54      B -4.226E+01  5.281E+01  5.162E+01
```

========== I M A G E S 3 D ==========
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COMBINE RESULTS Version 2.0 07/01/90

Combined Plate Stresses

Plate		Sigma-X	Sigma-Y	Tau-XY	Tau-XZ	Tau-YZ
55	T	7.163E+01	-3.781E+01	-3.779E+01		
55	M	0.000E+00	0.000E+00	0.000E+00	1.421E+01	1.455E+01
55	B	-7.163E+01	3.781E+01	3.779E+01		
56	T	9.633E+01	-3.900E+01	-1.679E+01		
56	M	0.000E+00	0.000E+00	0.000E+00	6.224E+00	1.799E+01
56	B	-9.633E+01	3.900E+01	1.679E+01		
57	T	1.007E+02	-4.334E+01	1.532E+01		
57	M	0.000E+00	0.000E+00	0.000E+00	-5.555E+00	1.947E+01
57	B	-1.007E+02	4.334E+01	-1.532E+01		
58	T	-3.058E+01	1.011E+02	-3.069E+01		
58	M	0.000E+00	0.000E+00	0.000E+00	1.772E+01	6.080E+00
58	B	3.058E+01	-1.011E+02	3.069E+01		
59	T	7.150E+01	-3.454E+01	4.162E+01		
59	M	0.000E+00	0.000E+00	0.000E+00	-1.595E+01	1.334E+01
59	B	-7.150E+01	3.454E+01	-4.162E+01		
60	T	3.444E+01	-4.599E+01	5.421E+01		
60	M	0.000E+00	0.000E+00	0.000E+00	-2.184E+01	1.413E+01
60	B	-3.444E+01	4.599E+01	-5.421E+01		
61	T	-2.477E+01	-6.934E+01	6.813E+01		
61	M	0.000E+00	0.000E+00	0.000E+00	-3.895E+01	1.860E+01
61	B	2.477E+01	6.934E+01	-6.813E+01		
62	T	-1.573E+02	-1.054E+02	9.567E+01		
62	M	0.000E+00	0.000E+00	0.000E+00	-7.197E+01	4.999E+00
62	B	1.573E+02	1.054E+02	-9.567E+01		
63	T	-4.671E+01	-3.114E+02	-2.996E+01		
63	M	0.000E+00	0.000E+00	0.000E+00	-1.799E+01	7.235E+01
63	B	4.671E+01	3.114E+02	2.996E+01		
64	T	-2.741E+02	-6.206E+01	-8.936E+01		
64	M	0.000E+00	0.000E+00	0.000E+00	8.860E+01	2.628E+01
64	B	2.741E+02	6.206E+01	8.936E+01		
65	T	1.733E+01	-1.850E+01	-7.140E+01		
65	M	0.000E+00	0.000E+00	0.000E+00	3.635E+01	4.232E+01
65	B	-1.733E+01	1.850E+01	7.140E+01		
66	T	4.248E+01	-1.840E+01	-5.092E+01		
66	M	0.000E+00	0.000E+00	0.000E+00	3.385E+00	3.302E+01
66	B	-4.248E+01	1.840E+01	5.092E+01		
67	T	5.670E+01	-1.446E+01	-3.262E+01		
67	M	0.000E+00	0.000E+00	0.000E+00	4.935E+00	1.002E+01
67	B	-5.670E+01	1.446E+01	3.262E+01		
68	T	8.305E+01	-1.122E+01	-2.868E+01		
68	M	0.000E+00	0.000E+00	0.000E+00	7.562E+00	7.222E+00

```
68     B -8.305E+01   1.122E+01   2.868E+01
```

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COMBINE RESULTS Version 2.0 07/01/90

Combined Plate Stresses

Plate		Sigma-X	Sigma-Y	Tau-XY	Tau-XZ	Tau-YZ
69	T	1.252E+02	-3.654E+00	-1.664E+01		
69	M	0.000E+00	0.000E+00	0.000E+00	1.122E+01	1.479E+01
69	B	-1.252E+02	3.654E+00	1.664E+01		
70	T	1.533E+02	2.782E-01	3.891E+00		
70	M	0.000E+00	0.000E+00	0.000E+00	2.358E-01	2.298E+01
70	B	-1.533E+02	-2.782E-01	-3.891E+00		
71	T	1.213E+02	-4.956E+00	2.293E+01		
71	M	0.000E+00	0.000E+00	0.000E+00	-1.264E+01	1.687E+01
71	B	-1.213E+02	4.956E+00	-2.293E+01		
72	T	8.432E+01	-9.695E+00	3.558E+01		
72	M	0.000E+00	0.000E+00	0.000E+00	-1.017E+01	7.310E+00
72	B	-8.432E+01	9.695E+00	-3.558E+01		
73	T	4.113E+01	-1.552E+01	3.563E+01		
73	M	0.000E+00	0.000E+00	0.000E+00	-9.060E+00	6.976E+00
73	B	-4.113E+01	1.552E+01	-3.563E+01		
74	T	7.071E+00	-1.952E+01	4.748E+01		
74	M	0.000E+00	0.000E+00	0.000E+00	-6.410E+00	2.807E+01
74	B	-7.071E+00	1.952E+01	-4.748E+01		
75	T	-3.987E+01	-1.792E+01	6.986E+01		
75	M	0.000E+00	0.000E+00	0.000E+00	-4.054E+01	3.771E+01
75	B	3.987E+01	1.792E+01	-6.986E+01		
76	T	-2.978E+02	-6.125E+01	9.183E+01		
76	M	0.000E+00	0.000E+00	0.000E+00	-9.947E+01	2.587E+01
76	B	2.978E+02	6.125E+01	-9.183E+01		
77	T	-2.813E+02	-3.067E+01	-7.599E+01		
77	M	0.000E+00	0.000E+00	0.000E+00	1.081E+02	1.997E+01
77	B	2.813E+02	3.067E+01	7.599E+01		
78	T	5.722E+01	4.737E+01	-6.623E+01		
78	M	0.000E+00	0.000E+00	0.000E+00	4.797E+01	1.178E+01
78	B	-5.722E+01	-4.737E+01	6.623E+01		
79	T	7.648E+01	2.046E+01	-4.788E+01		
79	M	0.000E+00	0.000E+00	0.000E+00	-1.279E+01	9.062E+00
79	B	-7.648E+01	-2.046E+01	4.788E+01		
80	T	6.081E+01	-1.603E+00	-3.055E+01		
80	M	0.000E+00	0.000E+00	0.000E+00	6.798E+00	3.517E+00
80	B	-6.081E+01	1.603E+00	3.055E+01		
81	T	8.662E+01	-1.366E+00	-2.475E+01		
81	M	0.000E+00	0.000E+00	0.000E+00	1.071E+01	1.783E+00
81	B	-8.662E+01	1.366E+00	2.475E+01		
82	T	1.394E+02	1.027E+01	-1.326E+01		
82	M	0.000E+00	0.000E+00	0.000E+00	1.898E+01	3.334E+00

```
82     B -1.394E+02 -1.027E+01  1.326E+01
```

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COMBINE RESULTS Version 2.0 07/01/90

Combined Plate Stresses

Plate		Sigma-X	Sigma-Y	Tau-XY	Tau-XZ	Tau-YZ
83	T	1.740E+02	2.055E+01	4.867E+00		
83	M	0.000E+00	0.000E+00	0.000E+00	-1.488E+00	5.350E+00
83	B	-1.740E+02	-2.055E+01	-4.867E+00		
84	T	1.440E+02	1.114E+01	1.965E+01		
84	M	0.000E+00	0.000E+00	0.000E+00	-2.355E+01	4.143E+00
84	B	-1.440E+02	-1.114E+01	-1.965E+01		
85	T	8.668E+01	-8.043E-02	3.014E+01		
85	M	0.000E+00	0.000E+00	0.000E+00	-1.456E+01	1.769E+00
85	B	-8.668E+01	8.043E-02	-3.014E+01		
86	T	4.079E+01	-4.268E+00	3.292E+01		
86	M	0.000E+00	0.000E+00	0.000E+00	-1.289E+01	2.475E+00
86	B	-4.079E+01	4.268E+00	-3.292E+01		
87	T	3.128E+01	1.533E+01	4.639E+01		
87	M	0.000E+00	0.000E+00	0.000E+00	3.527E+00	7.877E+00
87	B	-3.128E+01	-1.533E+01	-4.639E+01		
88	T	-5.258E-01	4.103E+01	6.631E+01		
88	M	0.000E+00	0.000E+00	0.000E+00	-5.249E+01	1.217E+01
88	B	5.258E-01	-4.103E+01	-6.631E+01		
89	T	-3.038E+02	-3.330E+01	7.557E+01		
89	M	0.000E+00	0.000E+00	0.000E+00	-1.171E+02	2.211E+01
89	B	3.038E+02	3.330E+01	-7.557E+01		
90	T	-2.692E+02	-2.014E+01	-3.890E+01		
90	M	0.000E+00	0.000E+00	0.000E+00	1.239E+02	3.587E+00
90	B	2.692E+02	2.014E+01	3.890E+01		
91	T	5.833E+01	3.897E+01	-4.044E+01		
91	M	0.000E+00	0.000E+00	0.000E+00	8.215E+01	-2.139E+01
91	B	-5.833E+01	-3.897E+01	4.044E+01		
92	T	7.816E+01	9.853E+00	-2.791E+01		
92	M	0.000E+00	0.000E+00	0.000E+00	1.718E+01	-1.130E+01
92	B	-7.816E+01	-9.853E+00	2.791E+01		
93	T	6.265E+01	-2.899E-01	-1.507E+01		
93	M	0.000E+00	0.000E+00	0.000E+00	1.853E+01	1.940E+00
93	B	-6.265E+01	2.899E-01	1.507E+01		
94	T	8.679E+01	-7.619E-01	-1.303E+01		
94	M	0.000E+00	0.000E+00	0.000E+00	2.218E+01	7.177E-01
94	B	-8.679E+01	7.619E-01	1.303E+01		
95	T	1.422E+02	4.927E+00	-5.361E+00		
95	M	0.000E+00	0.000E+00	0.000E+00	2.282E+01	-3.382E+00
95	B	-1.422E+02	-4.927E+00	5.361E+00		
96	T	1.787E+02	1.061E+01	2.446E+00		
96	M	0.000E+00	0.000E+00	0.000E+00	-3.545E+00	-9.562E+00

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96      B -1.787E+02 -1.061E+01 -2.446E+00
```

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COMBINE RESULTS Version 2.0 07/01/90

Combined Plate Stresses

Plate		Sigma-X	Sigma-Y	Tau-XY	Tau-XZ	Tau-YZ
97	T	1.464E+02	5.634E+00	8.221E+00		
97	M	0.000E+00	0.000E+00	0.000E+00	-2.916E+01	-4.204E+00
97	B	-1.464E+02	-5.634E+00	-8.221E+00		
98	T	8.753E+01	2.025E-01	1.578E+01		
98	M	0.000E+00	0.000E+00	0.000E+00	-2.878E+01	5.009E-01
98	B	-8.753E+01	-2.025E-01	-1.578E+01		
99	T	4.111E+01	-1.635E+00	1.615E+01		
99	M	0.000E+00	0.000E+00	0.000E+00	-2.572E+01	2.298E+00
99	B	-4.111E+01	1.635E+00	-1.615E+01		
100	T	3.342E+01	7.890E+00	2.619E+01		
100	M	0.000E+00	0.000E+00	0.000E+00	-2.291E+01	-8.538E+00
100	B	-3.342E+01	-7.890E+00	-2.619E+01		
101	T	9.021E-01	3.460E+01	4.096E+01		
101	M	0.000E+00	0.000E+00	0.000E+00	-8.687E+01	-1.943E+01
101	B	-9.021E-01	-3.460E+01	-4.096E+01		
102	T	-2.876E+02	-2.141E+01	3.725E+01		
102	M	0.000E+00	0.000E+00	0.000E+00	-1.272E+02	3.550E+00
102	B	2.876E+02	2.141E+01	-3.725E+01		

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COMBINE RESULTS Version 2.0 07/01/90

Combined Reactions

Load Combination Method
.75*(1.7*(f[1,3]+f[1,5])+1.87*(1.5*(f[1,1]+f[1,2])+f[1,4]))

Node	Fx	Fy	Fz	Mx	My	Mz
1	0.000E+00	0.000E+00	-1.155E+02	-8.274E+03	8.302E+03	0.000E+00
2	0.000E+00	0.000E+00	-3.648E+02	-2.892E+04	1.262E+04	0.000E+00
3	0.000E+00	0.000E+00	-1.829E+03	-6.423E+04	1.724E+04	0.000E+00
4	0.000E+00	0.000E+00	-3.644E+03	-1.036E+05	1.584E+04	0.000E+00
5	0.000E+00	0.000E+00	-4.972E+03	-1.331E+05	9.165E+03	0.000E+00
6	0.000E+00	0.000E+00	-5.448E+03	-1.438E+05	-5.981E+01	0.000E+00
7	0.000E+00	0.000E+00	-4.970E+03	-1.329E+05	-9.245E+03	0.000E+00
8	0.000E+00	0.000E+00	-3.645E+03	-1.033E+05	-1.584E+04	0.000E+00
9	0.000E+00	0.000E+00	-1.838E+03	-6.403E+04	-1.718E+04	0.000E+00
10	0.000E+00	0.000E+00	-3.756E+02	-2.884E+04	-1.257E+04	0.000E+00
11	0.000E+00	0.000E+00	-1.202E+02	-8.244E+03	-8.270E+03	0.000E+00
12	0.000E+00	0.000E+00	-4.105E+02	-1.425E+04	3.098E+04	0.000E+00
22	0.000E+00	0.000E+00	-4.221E+02	-1.413E+04	-3.082E+04	0.000E+00
23	0.000E+00	0.000E+00	-2.071E+03	-2.450E+04	7.606E+04	0.000E+00
33	0.000E+00	0.000E+00	-2.075E+03	-2.413E+04	-7.537E+04	0.000E+00
34	0.000E+00	0.000E+00	-5.102E+03	-3.584E+04	1.466E+05	0.000E+00
44	0.000E+00	0.000E+00	-5.051E+03	-3.497E+04	-1.445E+05	0.000E+00
45	0.000E+00	0.000E+00	-8.637E+03	-4.152E+04	2.051E+05	0.000E+00
55	0.000E+00	0.000E+00	-8.518E+03	-3.994E+04	-2.008E+05	0.000E+00
56	0.000E+00	0.000E+00	-9.966E+03	-3.356E+04	1.600E+05	0.000E+00
66	0.000E+00	0.000E+00	-9.167E+03	-3.237E+04	-1.583E+05	0.000E+00
67	0.000E+00	0.000E+00	-8.077E+03	-3.651E+04	1.206E+05	0.000E+00
80	0.000E+00	0.000E+00	-8.269E+03	-2.803E+04	-1.132E+05	0.000E+00
81	0.000E+00	0.000E+00	-6.831E+03	-2.845E+04	1.136E+05	0.000E+00
94	0.000E+00	0.000E+00	-7.577E+03	-2.766E+04	-1.109E+05	0.000E+00
95	0.000E+00	0.000E+00	-4.239E+03	-1.409E+04	8.329E+04	0.000E+00
108	0.000E+00	0.000E+00	-4.627E+03	-1.325E+04	-7.971E+04	0.000E+00
109	0.000E+00	0.000E+00	-1.696E+03	4.081E+03	3.098E+04	0.000E+00
122	0.000E+00	0.000E+00	-1.889E+03	3.163E+03	-3.011E+04	0.000E+00

Attachment 9.

Telecon "Lifting Plates"

Total 1 Page + /

ATTACH. # B

TELEPHONE CONFERENCE MEMORANDUM

Company: ICF KAISER Address: 1200 Jadwine, Richland,WA 99352

[] INCOMING [X] OUTGOING DATE: 3/21/94 TIME: 2:00pm

WITH: Nelson OF: McMASTER CARR PHONE: (310) 692-5911

Copies to: Ron Davidson Address: 200 Area
Subject: Swivel Lifting Plate.

Civil/Structural	George J. Zyn	376-5053
Department	George J. Zyn	Telephone #

Summary of Conference

Based on McMASTER CARR Catalogue, the Swivel Lifting Plates - single swivel model (Cat. # 3070T21) can be welded to steel structure and transfer lifting capacity by the weld.

54-7600-098 (5/90) (EF) GEF017
Telephone Conference Memorandum

DESIGN ANALYSIS

Client WHC
Subject Flexible Receiver Support - design and analysis.
Location 241-CR-06A - Pump Pit

WO/Job No. ER 6160
Date
Checked 9/30/94
Revised

By M. B. Lasota
By R. W. Swenson
By M. B. Lasota

Attachment 10.

Static Analysis -Seismic Load +x,-y,+z, - Run ID=KR45787 - Bolt Forces

Date: 09-27-1994; Time: 14:54:41

Total 83 pages + three cover sheets.

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

MATERIAL PROPERTIES

Material No	Modulus of Elasticity	Weight Density	Coeff of Thermal Exp.	Poisson's Ratio	Shear Web Modulus
1	3.00000E+07	7.00200E-01	0.00000E+00	3.00E-01	1.12000E+07
2	1.00000E+09	1.00000E-09	0.00000E+00	3.00E-01	3.85000E+08
3	3.00000E+07	2.83000E-01	0.00000E+00	3.00E-01	1.12000E+07

NONLINEAT SPRING CONSTANTS

Spring Const.	S T I F F N E S S KT1	KC1	KT2	KC2	Limit Displacement Tension	Compression
1	1.000E+07	0.000E+00	1.000E+07	0.000E+00	0.000E+00	0.000E+00

NODE COORDINATES

Node	X-Coord.	Y-Coord.	Z-Coord.
1	0.00000E+00	0.00000E+00	0.00000E+00
2	4.00000E+00	0.00000E+00	0.00000E+00
3	1.30000E+01	0.00000E+00	0.00000E+00
4	2.30000E+01	0.00000E+00	0.00000E+00
5	3.30000E+01	0.00000E+00	0.00000E+00
6	4.50000E+01	0.00000E+00	0.00000E+00
7	5.70000E+01	0.00000E+00	0.00000E+00
8	6.90000E+01	0.00000E+00	0.00000E+00
9	8.10000E+01	0.00000E+00	0.00000E+00
10	9.30000E+01	0.00000E+00	0.00000E+00
11	1.05000E+02	0.00000E+00	0.00000E+00
12	1.17000E+02	0.00000E+00	0.00000E+00
13	1.29000E+02	0.00000E+00	0.00000E+00
14	1.41000E+02	0.00000E+00	0.00000E+00
15	1.53000E+02	0.00000E+00	0.00000E+00
16	1.63000E+02	0.00000E+00	0.00000E+00
17	1.73000E+02	0.00000E+00	0.00000E+00
18	1.82000E+02	0.00000E+00	0.00000E+00
19	1.86000E+02	0.00000E+00	0.00000E+00
20	0.00000E+00	0.00000E+00	4.00000E+00
21	4.00000E+00	0.00000E+00	4.00000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
22	1.30000E+01	0.00000E+00	4.00000E+00
23	2.30000E+01	0.00000E+00	4.00000E+00
24	3.30000E+01	0.00000E+00	4.00000E+00
25	4.50000E+01	0.00000E+00	4.00000E+00
26	5.70000E+01	0.00000E+00	4.00000E+00
27	6.90000E+01	0.00000E+00	4.00000E+00
28	8.10000E+01	0.00000E+00	4.00000E+00
29	9.30000E+01	0.00000E+00	4.00000E+00
30	1.05000E+02	0.00000E+00	4.00000E+00
31	1.17000E+02	0.00000E+00	4.00000E+00
32	1.29000E+02	0.00000E+00	4.00000E+00
33	1.41000E+02	0.00000E+00	4.00000E+00
34	1.53000E+02	0.00000E+00	4.00000E+00
35	1.63000E+02	0.00000E+00	4.00000E+00
36	1.73000E+02	0.00000E+00	4.00000E+00
37	1.82000E+02	0.00000E+00	4.00000E+00
38	1.86000E+02	0.00000E+00	4.00000E+00
39	0.00000E+00	0.00000E+00	1.40000E+01
40	4.00000E+00	0.00000E+00	1.40000E+01
41	1.30000E+01	0.00000E+00	1.40000E+01
42	2.30000E+01	0.00000E+00	1.40000E+01
43	3.30000E+01	0.00000E+00	1.40000E+01
44	4.50000E+01	0.00000E+00	1.40000E+01
45	5.70000E+01	0.00000E+00	1.40000E+01
46	6.90000E+01	0.00000E+00	1.40000E+01
47	8.10000E+01	0.00000E+00	1.40000E+01
48	9.30000E+01	0.00000E+00	1.40000E+01
49	1.05000E+02	0.00000E+00	1.40000E+01
50	1.17000E+02	0.00000E+00	1.40000E+01
51	1.29000E+02	0.00000E+00	1.40000E+01
52	1.41000E+02	0.00000E+00	1.40000E+01
53	1.53000E+02	0.00000E+00	1.40000E+01
54	1.63000E+02	0.00000E+00	1.40000E+01
55	1.73000E+02	0.00000E+00	1.40000E+01
56	1.82000E+02	0.00000E+00	1.40000E+01
57	1.86000E+02	0.00000E+00	1.40000E+01
58	0.00000E+00	0.00000E+00	2.40000E+01
59	4.00000E+00	0.00000E+00	2.40000E+01
60	1.30000E+01	0.00000E+00	2.40000E+01
61	2.30000E+01	0.00000E+00	2.40000E+01
62	3.30000E+01	0.00000E+00	2.40000E+01
63	4.50000E+01	0.00000E+00	2.40000E+01

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Node	X-Coord.	Y-Coord.	Z-Coord.
64	5.70000E+01	0.00000E+00	2.40000E+01
65	6.90000E+01	0.00000E+00	2.40000E+01
66	8.10000E+01	0.00000E+00	2.40000E+01
67	9.30000E+01	0.00000E+00	2.40000E+01
68	1.05000E+02	0.00000E+00	2.40000E+01
69	1.17000E+02	0.00000E+00	2.40000E+01
70	1.29000E+02	0.00000E+00	2.40000E+01
71	1.41000E+02	0.00000E+00	2.40000E+01
72	1.53000E+02	0.00000E+00	2.40000E+01
73	1.63000E+02	0.00000E+00	2.40000E+01
74	1.73000E+02	0.00000E+00	2.40000E+01
75	1.82000E+02	0.00000E+00	2.40000E+01
76	1.86000E+02	0.00000E+00	2.40000E+01
77	0.00000E+00	0.00000E+00	3.60000E+01
78	4.00000E+00	0.00000E+00	3.60000E+01
79	1.30000E+01	0.00000E+00	3.60000E+01
80	2.30000E+01	0.00000E+00	3.60000E+01
81	3.30000E+01	0.00000E+00	3.60000E+01
82	4.50000E+01	0.00000E+00	3.60000E+01
83	5.70000E+01	0.00000E+00	3.60000E+01
84	6.90000E+01	0.00000E+00	3.60000E+01
85	8.10000E+01	0.00000E+00	3.60000E+01
86	9.30000E+01	0.00000E+00	3.60000E+01
87	1.05000E+02	0.00000E+00	3.60000E+01
88	1.17000E+02	0.00000E+00	3.60000E+01
89	1.29000E+02	0.00000E+00	3.60000E+01
90	1.41000E+02	0.00000E+00	3.60000E+01
91	1.53000E+02	0.00000E+00	3.60000E+01
92	1.63000E+02	0.00000E+00	3.60000E+01
93	1.73000E+02	0.00000E+00	3.60000E+01
94	1.82000E+02	0.00000E+00	3.60000E+01
95	1.86000E+02	0.00000E+00	3.60000E+01
96	0.00000E+00	0.00000E+00	4.80000E+01
97	4.00000E+00	0.00000E+00	4.80000E+01
98	1.30000E+01	0.00000E+00	4.80000E+01
99	2.30000E+01	0.00000E+00	4.80000E+01
100	3.30000E+01	0.00000E+00	4.80000E+01
101	4.50000E+01	0.00000E+00	4.80000E+01
102	5.70000E+01	0.00000E+00	4.80000E+01
103	6.90000E+01	0.00000E+00	4.80000E+01
104	8.10000E+01	0.00000E+00	4.80000E+01
105	9.30000E+01	0.00000E+00	4.80000E+01

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Node	X-Coord.	Y-Coord.	Z-Coord.
106	1.05000E+02	0.00000E+00	4.80000E+01
107	1.17000E+02	0.00000E+00	4.80000E+01
108	1.29000E+02	0.00000E+00	4.80000E+01
109	1.41000E+02	0.00000E+00	4.80000E+01
110	1.53000E+02	0.00000E+00	4.80000E+01
111	1.63000E+02	0.00000E+00	4.80000E+01
112	1.73000E+02	0.00000E+00	4.80000E+01
113	1.82000E+02	0.00000E+00	4.80000E+01
114	1.86000E+02	0.00000E+00	4.80000E+01
115	0.00000E+00	0.00000E+00	6.00000E+01
116	4.00000E+00	0.00000E+00	6.00000E+01
117	1.30000E+01	0.00000E+00	6.00000E+01
118	2.30000E+01	0.00000E+00	6.00000E+01
119	3.30000E+01	0.00000E+00	6.00000E+01
120	4.50000E+01	0.00000E+00	6.00000E+01
121	5.70000E+01	0.00000E+00	6.00000E+01
122	6.90000E+01	0.00000E+00	6.00000E+01
123	8.10000E+01	0.00000E+00	6.00000E+01
124	9.30000E+01	0.00000E+00	6.00000E+01
125	1.05000E+02	0.00000E+00	6.00000E+01
126	1.17000E+02	0.00000E+00	6.00000E+01
127	1.29000E+02	0.00000E+00	6.00000E+01
128	1.41000E+02	0.00000E+00	6.00000E+01
129	1.53000E+02	0.00000E+00	6.00000E+01
130	1.63000E+02	0.00000E+00	6.00000E+01
131	1.73000E+02	0.00000E+00	6.00000E+01
132	1.82000E+02	0.00000E+00	6.00000E+01
133	1.86000E+02	0.00000E+00	6.00000E+01
134	0.00000E+00	0.00000E+00	7.10000E+01
135	4.00000E+00	0.00000E+00	7.10000E+01
136	1.30000E+01	0.00000E+00	7.10000E+01
137	2.30000E+01	0.00000E+00	7.10000E+01
138	3.30000E+01	0.00000E+00	7.10000E+01
139	4.50000E+01	0.00000E+00	7.10000E+01
140	5.70000E+01	0.00000E+00	7.10000E+01
141	6.90000E+01	0.00000E+00	7.10000E+01
142	8.10000E+01	0.00000E+00	7.10000E+01
143	9.30000E+01	0.00000E+00	7.10000E+01
144	1.05000E+02	0.00000E+00	7.10000E+01
145	1.17000E+02	0.00000E+00	7.10000E+01
146	1.29000E+02	0.00000E+00	7.10000E+01
147	1.41000E+02	0.00000E+00	7.10000E+01

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Node	X-Coord.	Y-Coord.	Z-Coord.
148	1.53000E+02	0.00000E+00	7.10000E+01
149	1.63000E+02	0.00000E+00	7.10000E+01
150	1.73000E+02	0.00000E+00	7.10000E+01
151	1.82000E+02	0.00000E+00	7.10000E+01
152	1.86000E+02	0.00000E+00	7.10000E+01
153	0.00000E+00	0.00000E+00	7.79000E+01
154	4.00000E+00	0.00000E+00	7.79000E+01
155	1.30000E+01	0.00000E+00	7.79000E+01
156	2.30000E+01	0.00000E+00	7.79000E+01
157	3.30000E+01	0.00000E+00	7.79000E+01
158	4.50000E+01	0.00000E+00	7.79000E+01
159	5.70000E+01	0.00000E+00	7.79000E+01
160	6.90000E+01	0.00000E+00	7.79000E+01
161	8.10000E+01	0.00000E+00	7.79000E+01
162	9.30000E+01	0.00000E+00	7.79000E+01
163	1.05000E+02	0.00000E+00	7.79000E+01
164	1.17000E+02	0.00000E+00	7.79000E+01
165	1.29000E+02	0.00000E+00	7.79000E+01
166	1.41000E+02	0.00000E+00	7.79000E+01
167	1.53000E+02	0.00000E+00	7.79000E+01
168	1.63000E+02	0.00000E+00	7.79000E+01
169	1.73000E+02	0.00000E+00	7.79000E+01
170	1.82000E+02	0.00000E+00	7.79000E+01
171	1.86000E+02	0.00000E+00	7.79000E+01
172	0.00000E+00	0.00000E+00	7.80000E+01
173	4.00000E+00	0.00000E+00	7.80000E+01
174	1.30000E+01	0.00000E+00	7.80000E+01
175	2.30000E+01	0.00000E+00	7.80000E+01
176	3.30000E+01	0.00000E+00	7.80000E+01
177	4.50000E+01	0.00000E+00	7.80000E+01
178	6.10000E+01	0.00000E+00	7.80000E+01
179	7.10000E+01	0.00000E+00	7.80000E+01
180	8.10000E+01	0.00000E+00	7.80000E+01
181	9.10000E+01	0.00000E+00	7.80000E+01
182	1.01000E+02	0.00000E+00	7.80000E+01
183	1.11000E+02	0.00000E+00	7.80000E+01
184	1.21000E+02	0.00000E+00	7.80000E+01
185	1.29000E+02	0.00000E+00	7.80000E+01
186	1.41000E+02	0.00000E+00	7.80000E+01
187	1.53000E+02	0.00000E+00	7.80000E+01
188	1.63000E+02	0.00000E+00	7.80000E+01
189	1.73000E+02	0.00000E+00	7.80000E+01

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Node	X-Coord.	Y-Coord.	Z-Coord.
190	1.82000E+02	0.00000E+00	7.80000E+01
191	1.86000E+02	0.00000E+00	7.80000E+01
192	0.00000E+00	0.00000E+00	8.80000E+01
193	4.00000E+00	0.00000E+00	8.80000E+01
194	1.30000E+01	0.00000E+00	8.80000E+01
195	2.30000E+01	0.00000E+00	8.80000E+01
196	3.30000E+01	0.00000E+00	8.80000E+01
197	4.50000E+01	0.00000E+00	8.80000E+01
198	6.10000E+01	0.00000E+00	8.80000E+01
199	1.21000E+02	0.00000E+00	8.80000E+01
200	1.29000E+02	0.00000E+00	8.80000E+01
201	1.41000E+02	0.00000E+00	8.80000E+01
202	1.53000E+02	0.00000E+00	8.80000E+01
203	1.63000E+02	0.00000E+00	8.80000E+01
204	1.73000E+02	0.00000E+00	8.80000E+01
205	1.82000E+02	0.00000E+00	8.80000E+01
206	1.86000E+02	0.00000E+00	8.80000E+01
207	0.00000E+00	0.00000E+00	9.80000E+01
208	4.00000E+00	0.00000E+00	9.80000E+01
209	1.30000E+01	0.00000E+00	9.80000E+01
210	2.30000E+01	0.00000E+00	9.80000E+01
211	3.30000E+01	0.00000E+00	9.80000E+01
212	4.50000E+01	0.00000E+00	9.80000E+01
213	6.10000E+01	0.00000E+00	9.80000E+01
214	1.21000E+02	0.00000E+00	9.80000E+01
215	1.29000E+02	0.00000E+00	9.80000E+01
216	1.41000E+02	0.00000E+00	9.80000E+01
217	1.53000E+02	0.00000E+00	9.80000E+01
218	1.63000E+02	0.00000E+00	9.80000E+01
219	1.73000E+02	0.00000E+00	9.80000E+01
220	1.82000E+02	0.00000E+00	9.80000E+01
221	1.86000E+02	0.00000E+00	9.80000E+01
222	0.00000E+00	0.00000E+00	1.08000E+02
223	4.00000E+00	0.00000E+00	1.08000E+02
224	1.30000E+01	0.00000E+00	1.08000E+02
225	2.30000E+01	0.00000E+00	1.08000E+02
226	3.30000E+01	0.00000E+00	1.08000E+02
227	4.50000E+01	0.00000E+00	1.08000E+02
228	6.10000E+01	0.00000E+00	1.08000E+02
229	1.21000E+02	0.00000E+00	1.08000E+02
230	1.29000E+02	0.00000E+00	1.08000E+02
231	1.41000E+02	0.00000E+00	1.08000E+02

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Node	X-Coord.	Y-Coord.	Z-Coord.
232	1.53000E+02	0.00000E+00	1.08000E+02
233	1.63000E+02	0.00000E+00	1.08000E+02
234	1.73000E+02	0.00000E+00	1.08000E+02
235	1.82000E+02	0.00000E+00	1.08000E+02
236	1.86000E+02	0.00000E+00	1.08000E+02
237	0.00000E+00	0.00000E+00	1.18000E+02
238	4.00000E+00	0.00000E+00	1.18000E+02
239	1.30000E+01	0.00000E+00	1.18000E+02
240	2.30000E+01	0.00000E+00	1.18000E+02
241	3.30000E+01	0.00000E+00	1.18000E+02
242	4.50000E+01	0.00000E+00	1.18000E+02
243	6.10000E+01	0.00000E+00	1.18000E+02
244	1.21000E+02	0.00000E+00	1.18000E+02
245	1.29000E+02	0.00000E+00	1.18000E+02
246	1.41000E+02	0.00000E+00	1.18000E+02
247	1.53000E+02	0.00000E+00	1.18000E+02
248	1.63000E+02	0.00000E+00	1.18000E+02
249	1.73000E+02	0.00000E+00	1.18000E+02
250	1.82000E+02	0.00000E+00	1.18000E+02
251	1.86000E+02	0.00000E+00	1.18000E+02
252	0.00000E+00	0.00000E+00	1.28000E+02
253	4.00000E+00	0.00000E+00	1.28000E+02
254	1.30000E+01	0.00000E+00	1.28000E+02
255	2.30000E+01	0.00000E+00	1.28000E+02
256	3.30000E+01	0.00000E+00	1.28000E+02
257	4.50000E+01	0.00000E+00	1.28000E+02
258	6.10000E+01	0.00000E+00	1.28000E+02
259	1.21000E+02	0.00000E+00	1.28000E+02
260	1.29000E+02	0.00000E+00	1.28000E+02
261	1.41000E+02	0.00000E+00	1.28000E+02
262	1.53000E+02	0.00000E+00	1.28000E+02
263	1.63000E+02	0.00000E+00	1.28000E+02
264	1.73000E+02	0.00000E+00	1.28000E+02
265	1.82000E+02	0.00000E+00	1.28000E+02
266	1.86000E+02	0.00000E+00	1.28000E+02
267	0.00000E+00	0.00000E+00	1.38000E+02
268	4.00000E+00	0.00000E+00	1.38000E+02
269	1.30000E+01	0.00000E+00	1.38000E+02
270	2.30000E+01	0.00000E+00	1.38000E+02
271	3.30000E+01	0.00000E+00	1.38000E+02
272	4.50000E+01	0.00000E+00	1.38000E+02
273	6.10000E+01	0.00000E+00	1.38000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
274	7.10000E+01	0.00000E+00	1.38000E+02
275	8.10000E+01	0.00000E+00	1.38000E+02
276	9.10000E+01	0.00000E+00	1.38000E+02
277	1.01000E+02	0.00000E+00	1.38000E+02
278	1.11000E+02	0.00000E+00	1.38000E+02
279	1.21000E+02	0.00000E+00	1.38000E+02
280	1.29000E+02	0.00000E+00	1.38000E+02
281	1.41000E+02	0.00000E+00	1.38000E+02
282	1.53000E+02	0.00000E+00	1.38000E+02
283	1.63000E+02	0.00000E+00	1.38000E+02
284	1.73000E+02	0.00000E+00	1.38000E+02
285	1.82000E+02	0.00000E+00	1.38000E+02
286	1.86000E+02	0.00000E+00	1.38000E+02
287	0.00000E+00	0.00000E+00	1.38100E+02
288	4.00000E+00	0.00000E+00	1.38100E+02
289	1.30000E+01	0.00000E+00	1.38100E+02
290	2.30000E+01	0.00000E+00	1.38100E+02
291	3.30000E+01	0.00000E+00	1.38100E+02
292	4.50000E+01	0.00000E+00	1.38100E+02
293	5.70000E+01	0.00000E+00	1.38100E+02
294	6.90000E+01	0.00000E+00	1.38100E+02
295	7.80000E+01	0.00000E+00	1.38100E+02
296	9.30000E+01	0.00000E+00	1.38100E+02
297	1.08000E+02	0.00000E+00	1.38100E+02
298	1.17000E+02	0.00000E+00	1.38100E+02
299	1.29000E+02	0.00000E+00	1.38100E+02
300	1.41000E+02	0.00000E+00	1.38100E+02
301	1.53000E+02	0.00000E+00	1.38100E+02
302	1.63000E+02	0.00000E+00	1.38100E+02
303	1.73000E+02	0.00000E+00	1.38100E+02
304	1.82000E+02	0.00000E+00	1.38100E+02
305	1.86000E+02	0.00000E+00	1.38100E+02
306	0.00000E+00	0.00000E+00	1.45000E+02
307	4.00000E+00	0.00000E+00	1.45000E+02
308	1.30000E+01	0.00000E+00	1.45000E+02
309	2.30000E+01	0.00000E+00	1.45000E+02
310	3.30000E+01	0.00000E+00	1.45000E+02
311	4.50000E+01	0.00000E+00	1.45000E+02
312	5.70000E+01	0.00000E+00	1.45000E+02
313	6.90000E+01	0.00000E+00	1.45000E+02
314	7.80000E+01	0.00000E+00	1.45000E+02
315	9.30000E+01	0.00000E+00	1.45000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
316	1.08000E+02	0.00000E+00	1.45000E+02
317	1.17000E+02	0.00000E+00	1.45000E+02
318	1.29000E+02	0.00000E+00	1.45000E+02
319	1.41000E+02	0.00000E+00	1.45000E+02
320	1.53000E+02	0.00000E+00	1.45000E+02
321	1.63000E+02	0.00000E+00	1.45000E+02
322	1.73000E+02	0.00000E+00	1.45000E+02
323	1.82000E+02	0.00000E+00	1.45000E+02
324	1.86000E+02	0.00000E+00	1.45000E+02
325	0.00000E+00	0.00000E+00	1.56000E+02
326	4.00000E+00	0.00000E+00	1.56000E+02
327	1.30000E+01	0.00000E+00	1.56000E+02
328	2.30000E+01	0.00000E+00	1.56000E+02
329	3.30000E+01	0.00000E+00	1.56000E+02
330	4.50000E+01	0.00000E+00	1.56000E+02
331	5.70000E+01	0.00000E+00	1.56000E+02
332	6.90000E+01	0.00000E+00	1.56000E+02
333	7.80000E+01	0.00000E+00	1.56000E+02
334	9.30000E+01	0.00000E+00	1.56000E+02
335	1.08000E+02	0.00000E+00	1.56000E+02
336	1.17000E+02	0.00000E+00	1.56000E+02
337	1.29000E+02	0.00000E+00	1.56000E+02
338	1.41000E+02	0.00000E+00	1.56000E+02
339	1.53000E+02	0.00000E+00	1.56000E+02
340	1.63000E+02	0.00000E+00	1.56000E+02
341	1.73000E+02	0.00000E+00	1.56000E+02
342	1.82000E+02	0.00000E+00	1.56000E+02
343	1.86000E+02	0.00000E+00	1.56000E+02
344	0.00000E+00	0.00000E+00	1.68000E+02
345	4.00000E+00	0.00000E+00	1.68000E+02
346	1.30000E+01	0.00000E+00	1.68000E+02
347	2.30000E+01	0.00000E+00	1.68000E+02
348	3.30000E+01	0.00000E+00	1.68000E+02
349	4.50000E+01	0.00000E+00	1.68000E+02
350	5.70000E+01	0.00000E+00	1.68000E+02
351	6.90000E+01	0.00000E+00	1.68000E+02
352	7.80000E+01	0.00000E+00	1.68000E+02
353	9.30000E+01	0.00000E+00	1.68000E+02
354	1.08000E+02	0.00000E+00	1.68000E+02
355	1.17000E+02	0.00000E+00	1.68000E+02
356	1.29000E+02	0.00000E+00	1.68000E+02
357	1.41000E+02	0.00000E+00	1.68000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
358	1.53000E+02	0.00000E+00	1.68000E+02
359	1.63000E+02	0.00000E+00	1.68000E+02
360	1.73000E+02	0.00000E+00	1.68000E+02
361	1.82000E+02	0.00000E+00	1.68000E+02
362	1.86000E+02	0.00000E+00	1.68000E+02
363	0.00000E+00	0.00000E+00	1.80000E+02
364	4.00000E+00	0.00000E+00	1.80000E+02
365	1.30000E+01	0.00000E+00	1.80000E+02
366	2.30000E+01	0.00000E+00	1.80000E+02
367	3.30000E+01	0.00000E+00	1.80000E+02
368	4.50000E+01	0.00000E+00	1.80000E+02
369	5.70000E+01	0.00000E+00	1.80000E+02
370	6.90000E+01	0.00000E+00	1.80000E+02
371	7.80000E+01	0.00000E+00	1.80000E+02
372	9.30000E+01	0.00000E+00	1.80000E+02
373	1.08000E+02	0.00000E+00	1.80000E+02
374	1.17000E+02	0.00000E+00	1.80000E+02
375	1.29000E+02	0.00000E+00	1.80000E+02
376	1.41000E+02	0.00000E+00	1.80000E+02
377	1.53000E+02	0.00000E+00	1.80000E+02
378	1.63000E+02	0.00000E+00	1.80000E+02
379	1.73000E+02	0.00000E+00	1.80000E+02
380	1.82000E+02	0.00000E+00	1.80000E+02
381	1.86000E+02	0.00000E+00	1.80000E+02
382	0.00000E+00	0.00000E+00	1.92000E+02
383	4.00000E+00	0.00000E+00	1.92000E+02
384	1.30000E+01	0.00000E+00	1.92000E+02
385	2.30000E+01	0.00000E+00	1.92000E+02
386	3.30000E+01	0.00000E+00	1.92000E+02
387	4.50000E+01	0.00000E+00	1.92000E+02
388	5.70000E+01	0.00000E+00	1.92000E+02
389	6.90000E+01	0.00000E+00	1.92000E+02
390	7.80000E+01	0.00000E+00	1.92000E+02
391	9.30000E+01	0.00000E+00	1.92000E+02
392	1.08000E+02	0.00000E+00	1.92000E+02
393	1.17000E+02	0.00000E+00	1.92000E+02
394	1.29000E+02	0.00000E+00	1.92000E+02
395	1.41000E+02	0.00000E+00	1.92000E+02
396	1.53000E+02	0.00000E+00	1.92000E+02
397	1.63000E+02	0.00000E+00	1.92000E+02
398	1.73000E+02	0.00000E+00	1.92000E+02
399	1.82000E+02	0.00000E+00	1.92000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
400	1.86000E+02	0.00000E+00	1.92000E+02
401	0.00000E+00	0.00000E+00	2.02000E+02
402	4.00000E+00	0.00000E+00	2.02000E+02
403	1.30000E+01	0.00000E+00	2.02000E+02
404	2.30000E+01	0.00000E+00	2.02000E+02
405	3.30000E+01	0.00000E+00	2.02000E+02
406	4.50000E+01	0.00000E+00	2.02000E+02
407	5.70000E+01	0.00000E+00	2.02000E+02
408	6.90000E+01	0.00000E+00	2.02000E+02
409	7.80000E+01	0.00000E+00	2.02000E+02
410	9.30000E+01	0.00000E+00	2.02000E+02
411	1.08000E+02	0.00000E+00	2.02000E+02
412	1.17000E+02	0.00000E+00	2.02000E+02
413	1.29000E+02	0.00000E+00	2.02000E+02
414	1.41000E+02	0.00000E+00	2.02000E+02
415	1.53000E+02	0.00000E+00	2.02000E+02
416	1.63000E+02	0.00000E+00	2.02000E+02
417	1.73000E+02	0.00000E+00	2.02000E+02
418	1.82000E+02	0.00000E+00	2.02000E+02
419	1.86000E+02	0.00000E+00	2.02000E+02
420	0.00000E+00	0.00000E+00	2.12000E+02
421	4.00000E+00	0.00000E+00	2.12000E+02
422	1.30000E+01	0.00000E+00	2.12000E+02
423	2.30000E+01	0.00000E+00	2.12000E+02
424	3.30000E+01	0.00000E+00	2.12000E+02
425	4.50000E+01	0.00000E+00	2.12000E+02
426	5.70000E+01	0.00000E+00	2.12000E+02
427	6.90000E+01	0.00000E+00	2.12000E+02
428	7.80000E+01	0.00000E+00	2.12000E+02
429	9.30000E+01	0.00000E+00	2.12000E+02
430	1.08000E+02	0.00000E+00	2.12000E+02
431	1.17000E+02	0.00000E+00	2.12000E+02
432	1.29000E+02	0.00000E+00	2.12000E+02
433	1.41000E+02	0.00000E+00	2.12000E+02
434	1.53000E+02	0.00000E+00	2.12000E+02
435	1.63000E+02	0.00000E+00	2.12000E+02
436	1.73000E+02	0.00000E+00	2.12000E+02
437	1.82000E+02	0.00000E+00	2.12000E+02
438	1.86000E+02	0.00000E+00	2.12000E+02
439	0.00000E+00	0.00000E+00	2.16000E+02
440	4.00000E+00	0.00000E+00	2.16000E+02
441	1.30000E+01	0.00000E+00	2.16000E+02

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Node	X-Coord.	Y-Coord.	Z-Coord.
442	2.30000E+01	0.00000E+00	2.16000E+02
443	3.30000E+01	0.00000E+00	2.16000E+02
444	4.50000E+01	0.00000E+00	2.16000E+02
445	5.70000E+01	0.00000E+00	2.16000E+02
446	6.90000E+01	0.00000E+00	2.16000E+02
447	7.80000E+01	0.00000E+00	2.16000E+02
448	9.30000E+01	0.00000E+00	2.16000E+02
449	1.08000E+02	0.00000E+00	2.16000E+02
450	1.17000E+02	0.00000E+00	2.16000E+02
451	1.29000E+02	0.00000E+00	2.16000E+02
452	1.41000E+02	0.00000E+00	2.16000E+02
453	1.53000E+02	0.00000E+00	2.16000E+02
454	1.63000E+02	0.00000E+00	2.16000E+02
455	1.73000E+02	0.00000E+00	2.16000E+02
456	1.82000E+02	0.00000E+00	2.16000E+02
457	1.86000E+02	0.00000E+00	2.16000E+02
458	9.10000E+01	0.00000E+00	8.07500E+01
459	1.01428E+02	0.00000E+00	8.28243E+01
460	1.04625E+02	0.00000E+00	8.44008E+01
461	1.10269E+02	0.00000E+00	8.87314E+01
462	1.14599E+02	0.00000E+00	9.43750E+01
463	1.16176E+02	0.00000E+00	9.75719E+01
464	1.18250E+02	0.00000E+00	1.08000E+02
465	1.16176E+02	0.00000E+00	1.18428E+02
466	1.14599E+02	0.00000E+00	1.21625E+02
467	1.10269E+02	0.00000E+00	1.27269E+02
468	1.04625E+02	0.00000E+00	1.31599E+02
469	1.01428E+02	0.00000E+00	1.33176E+02
470	9.10000E+01	0.00000E+00	1.35250E+02
471	8.05719E+01	0.00000E+00	1.33176E+02
472	7.73750E+01	0.00000E+00	1.31599E+02
473	7.17314E+01	0.00000E+00	1.27269E+02
474	6.74008E+01	0.00000E+00	1.21625E+02
475	6.58243E+01	0.00000E+00	1.18428E+02
476	6.37500E+01	0.00000E+00	1.08000E+02
477	6.58243E+01	0.00000E+00	9.75719E+01
478	6.74008E+01	0.00000E+00	9.43750E+01
479	7.17314E+01	0.00000E+00	8.87314E+01
480	7.73750E+01	0.00000E+00	8.44008E+01
481	8.05719E+01	0.00000E+00	8.28243E+01
482	9.10000E+01	0.00000E+00	8.88750E+01
483	9.59499E+01	0.00000E+00	8.95267E+01

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
484	1.00563E+02	0.00000E+00	9.14373E+01
485	1.04523E+02	0.00000E+00	9.44766E+01
486	1.07563E+02	0.00000E+00	9.84375E+01
487	1.09473E+02	0.00000E+00	1.03050E+02
488	1.10125E+02	0.00000E+00	1.08000E+02
489	1.09473E+02	0.00000E+00	1.12950E+02
490	1.07563E+02	0.00000E+00	1.17563E+02
491	1.04523E+02	0.00000E+00	1.21523E+02
492	1.00563E+02	0.00000E+00	1.24563E+02
493	9.59499E+01	0.00000E+00	1.26473E+02
494	9.10000E+01	0.00000E+00	1.27125E+02
495	8.60501E+01	0.00000E+00	1.26473E+02
496	8.14375E+01	0.00000E+00	1.24563E+02
497	7.74766E+01	0.00000E+00	1.21523E+02
498	7.44373E+01	0.00000E+00	1.17563E+02
499	7.25267E+01	0.00000E+00	1.12950E+02
500	7.18750E+01	0.00000E+00	1.08000E+02
501	7.25267E+01	0.00000E+00	1.03050E+02
502	7.44373E+01	0.00000E+00	9.84375E+01
503	7.74766E+01	0.00000E+00	9.44766E+01
504	8.14375E+01	0.00000E+00	9.14373E+01
505	8.60501E+01	0.00000E+00	8.95267E+01
506	-4.60000E+00	-7.00000E+00	7.10000E+01
507	0.00000E+00	-7.00000E+00	7.10000E+01
508	4.00000E+00	-7.00000E+00	7.10000E+01
509	1.30000E+01	-7.00000E+00	7.10000E+01
510	2.30000E+01	-7.00000E+00	7.10000E+01
511	3.30000E+01	-7.00000E+00	7.10000E+01
512	4.50000E+01	-7.00000E+00	7.10000E+01
513	5.70000E+01	-7.00000E+00	7.10000E+01
514	6.90000E+01	-7.00000E+00	7.10000E+01
515	8.10000E+01	-7.00000E+00	7.10000E+01
516	9.30000E+01	-7.00000E+00	7.10000E+01
517	1.05000E+02	-7.00000E+00	7.10000E+01
518	1.17000E+02	-7.00000E+00	7.10000E+01
519	1.29000E+02	-7.00000E+00	7.10000E+01
520	1.41000E+02	-7.00000E+00	7.10000E+01
521	1.53000E+02	-7.00000E+00	7.10000E+01
522	1.63000E+02	-7.00000E+00	7.10000E+01
523	1.73000E+02	-7.00000E+00	7.10000E+01
524	1.82000E+02	-7.00000E+00	7.10000E+01
525	1.86000E+02	-7.00000E+00	7.10000E+01

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
526	1.90600E+02	-7.00000E+00	7.10000E+01
527	-4.60000E+00	-7.00000E+00	7.80000E+01
528	0.00000E+00	-7.00000E+00	7.80000E+01
529	4.00000E+00	-7.00000E+00	7.80000E+01
530	1.30000E+01	-7.00000E+00	7.80000E+01
531	2.30000E+01	-7.00000E+00	7.80000E+01
532	3.30000E+01	-7.00000E+00	7.80000E+01
533	4.50000E+01	-7.00000E+00	7.80000E+01
534	6.10000E+01	-7.00000E+00	7.80000E+01
535	6.90000E+01	-7.00000E+00	7.80000E+01
536	8.10000E+01	-7.00000E+00	7.80000E+01
537	9.30000E+01	-7.00000E+00	7.80000E+01
538	1.05000E+02	-7.00000E+00	7.80000E+01
539	1.21000E+02	-7.00000E+00	7.80000E+01
540	1.29000E+02	-7.00000E+00	7.80000E+01
541	1.41000E+02	-7.00000E+00	7.80000E+01
542	1.53000E+02	-7.00000E+00	7.80000E+01
543	1.63000E+02	-7.00000E+00	7.80000E+01
544	1.73000E+02	-7.00000E+00	7.80000E+01
545	1.82000E+02	-7.00000E+00	7.80000E+01
546	1.86000E+02	-7.00000E+00	7.80000E+01
547	1.90600E+02	-7.00000E+00	7.80000E+01
548	-4.60000E+00	-7.00000E+00	1.38000E+02
549	0.00000E+00	-7.00000E+00	1.38000E+02
550	4.00000E+00	-7.00000E+00	1.38000E+02
551	1.30000E+01	-7.00000E+00	1.38000E+02
552	2.30000E+01	-7.00000E+00	1.38000E+02
553	3.30000E+01	-7.00000E+00	1.38000E+02
554	4.50000E+01	-7.00000E+00	1.38000E+02
555	6.10000E+01	-7.00000E+00	1.38000E+02
556	6.90000E+01	-7.00000E+00	1.38000E+02
557	8.10000E+01	-7.00000E+00	1.38000E+02
558	9.30000E+01	-7.00000E+00	1.38000E+02
559	1.05000E+02	-7.00000E+00	1.38000E+02
560	1.17000E+02	-7.00000E+00	1.38000E+02
561	1.21000E+02	-7.00000E+00	1.38000E+02
562	1.41000E+02	-7.00000E+00	1.38000E+02
563	1.53000E+02	-7.00000E+00	1.38000E+02
564	1.63000E+02	-7.00000E+00	1.38000E+02
565	1.73000E+02	-7.00000E+00	1.38000E+02
566	1.82000E+02	-7.00000E+00	1.38000E+02
567	1.86000E+02	-7.00000E+00	1.38000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
568	1.90600E+02	-7.00000E+00	1.38000E+02
569	-4.60000E+00	-7.00000E+00	1.45000E+02
570	0.00000E+00	-7.00000E+00	1.45000E+02
571	4.00000E+00	-7.00000E+00	1.45000E+02
572	1.30000E+01	-7.00000E+00	1.45000E+02
573	2.30000E+01	-7.00000E+00	1.45000E+02
574	3.30000E+01	-7.00000E+00	1.45000E+02
575	4.50000E+01	-7.00000E+00	1.45000E+02
576	5.70000E+01	-7.00000E+00	1.45000E+02
577	6.90000E+01	-7.00000E+00	1.45000E+02
578	7.80000E+01	-7.00000E+00	1.45000E+02
579	9.30000E+01	-7.00000E+00	1.45000E+02
580	1.08000E+02	-7.00000E+00	1.45000E+02
581	1.17000E+02	-7.00000E+00	1.45000E+02
582	1.29000E+02	-7.00000E+00	1.45000E+02
583	1.41000E+02	-7.00000E+00	1.45000E+02
584	1.53000E+02	-7.00000E+00	1.45000E+02
585	1.63000E+02	-7.00000E+00	1.45000E+02
586	1.73000E+02	-7.00000E+00	1.45000E+02
587	1.82000E+02	-7.00000E+00	1.45000E+02
588	1.86000E+02	-7.00000E+00	1.45000E+02
589	1.90600E+02	-7.00000E+00	1.45000E+02
590	0.00000E+00	-7.00000E+00	4.00000E+00
591	4.00000E+00	-7.00000E+00	4.00000E+00
592	1.30000E+01	-7.00000E+00	4.00000E+00
593	2.30000E+01	-7.00000E+00	4.00000E+00
594	3.30000E+01	-7.00000E+00	4.00000E+00
595	4.50000E+01	-7.00000E+00	4.00000E+00
596	5.70000E+01	-7.00000E+00	4.00000E+00
597	6.90000E+01	-7.00000E+00	4.00000E+00
598	8.10000E+01	-7.00000E+00	4.00000E+00
599	9.30000E+01	-7.00000E+00	4.00000E+00
600	1.05000E+02	-7.00000E+00	4.00000E+00
601	1.17000E+02	-7.00000E+00	4.00000E+00
602	1.29000E+02	-7.00000E+00	4.00000E+00
603	1.41000E+02	-7.00000E+00	4.00000E+00
604	1.53000E+02	-7.00000E+00	4.00000E+00
605	1.63000E+02	-7.00000E+00	4.00000E+00
606	1.73000E+02	-7.00000E+00	4.00000E+00
607	1.82000E+02	-7.00000E+00	4.00000E+00
608	1.86000E+02	-7.00000E+00	4.00000E+00
609	0.00000E+00	-7.00000E+00	2.12000E+02

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Node	X-Coord.	Y-Coord.	Z-Coord.
610	4.00000E+00	-7.00000E+00	2.12000E+02
611	1.30000E+01	-7.00000E+00	2.12000E+02
612	2.30000E+01	-7.00000E+00	2.12000E+02
613	3.30000E+01	-7.00000E+00	2.12000E+02
614	4.50000E+01	-7.00000E+00	2.12000E+02
615	5.70000E+01	-7.00000E+00	2.12000E+02
616	6.90000E+01	-7.00000E+00	2.12000E+02
617	7.80000E+01	-7.00000E+00	2.12000E+02
618	9.30000E+01	-7.00000E+00	2.12000E+02
619	1.08000E+02	-7.00000E+00	2.12000E+02
620	1.17000E+02	-7.00000E+00	2.12000E+02
621	1.29000E+02	-7.00000E+00	2.12000E+02
622	1.41000E+02	-7.00000E+00	2.12000E+02
623	1.53000E+02	-7.00000E+00	2.12000E+02
624	1.63000E+02	-7.00000E+00	2.12000E+02
625	1.73000E+02	-7.00000E+00	2.12000E+02
626	1.82000E+02	-7.00000E+00	2.12000E+02
627	1.86000E+02	-7.00000E+00	2.12000E+02
628	3.30000E+01	-7.00000E+00	0.00000E+00
629	3.30000E+01	-7.00000E+00	1.40000E+01
630	3.30000E+01	-7.00000E+00	2.40000E+01
631	3.30000E+01	-7.00000E+00	3.60000E+01
632	3.30000E+01	-7.00000E+00	4.80000E+01
633	3.30000E+01	-7.00000E+00	6.00000E+01
634	9.30000E+01	-7.00000E+00	0.00000E+00
635	9.30000E+01	-7.00000E+00	1.40000E+01
636	9.30000E+01	-7.00000E+00	2.40000E+01
637	9.30000E+01	-7.00000E+00	3.60000E+01
638	9.30000E+01	-7.00000E+00	4.80000E+01
639	9.30000E+01	-7.00000E+00	6.00000E+01
640	1.53000E+02	-7.00000E+00	0.00000E+00
641	1.53000E+02	-7.00000E+00	1.40000E+01
642	1.53000E+02	-7.00000E+00	2.40000E+01
643	1.53000E+02	-7.00000E+00	3.60000E+01
644	1.53000E+02	-7.00000E+00	4.80000E+01
645	1.53000E+02	-7.00000E+00	6.00000E+01
646	3.30000E+01	-7.00000E+00	-4.60000E+00
647	9.30000E+01	-7.00000E+00	-4.60000E+00
648	1.53000E+02	-7.00000E+00	-4.60000E+00
649	6.10000E+01	-7.00000E+00	8.80000E+01
650	6.10000E+01	-7.00000E+00	9.80000E+01
651	6.10000E+01	-7.00000E+00	1.08000E+02

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Node	X-Coord.	Y-Coord.	Z-Coord.
652	6.10000E+01	-7.00000E+00	1.18000E+02
653	6.10000E+01	-7.00000E+00	1.28000E+02
654	1.21000E+02	-7.00000E+00	8.80000E+01
655	1.21000E+02	-7.00000E+00	9.80000E+01
656	1.21000E+02	-7.00000E+00	1.08000E+02
657	1.21000E+02	-7.00000E+00	1.18000E+02
658	1.21000E+02	-7.00000E+00	1.28000E+02
659	3.30000E+01	-7.00000E+00	1.56000E+02
660	3.30000E+01	-7.00000E+00	1.68000E+02
661	3.30000E+01	-7.00000E+00	1.80000E+02
662	3.30000E+01	-7.00000E+00	1.92000E+02
663	3.30000E+01	-7.00000E+00	2.02000E+02
664	3.30000E+01	-7.00000E+00	2.16000E+02
665	3.30000E+01	-7.00000E+00	2.20600E+02
666	7.80000E+01	-7.00000E+00	1.56000E+02
667	7.80000E+01	-7.00000E+00	1.68000E+02
668	7.80000E+01	-7.00000E+00	1.80000E+02
669	7.80000E+01	-7.00000E+00	1.92000E+02
670	7.80000E+01	-7.00000E+00	2.02000E+02
671	7.80000E+01	-7.00000E+00	2.16000E+02
672	7.80000E+01	-7.00000E+00	2.20600E+02
673	1.08000E+02	-7.00000E+00	1.56000E+02
674	1.08000E+02	-7.00000E+00	1.68000E+02
675	1.08000E+02	-7.00000E+00	1.80000E+02
676	1.08000E+02	-7.00000E+00	1.92000E+02
677	1.08000E+02	-7.00000E+00	2.02000E+02
678	1.08000E+02	-7.00000E+00	2.16000E+02
679	1.08000E+02	-7.00000E+00	2.20600E+02
680	1.53000E+02	-7.00000E+00	1.56000E+02
681	1.53000E+02	-7.00000E+00	1.68000E+02
682	1.53000E+02	-7.00000E+00	1.80000E+02
683	1.53000E+02	-7.00000E+00	1.92000E+02
684	1.53000E+02	-7.00000E+00	2.02000E+02
685	1.53000E+02	-7.00000E+00	2.16000E+02
686	1.53000E+02	-7.00000E+00	2.20600E+02
687	4.00000E+00	-7.00000E+00	1.40000E+01
688	4.00000E+00	-7.00000E+00	2.40000E+01
689	4.00000E+00	-7.00000E+00	3.60000E+01
690	4.00000E+00	-7.00000E+00	4.80000E+01
691	4.00000E+00	-7.00000E+00	6.00000E+01
692	4.00000E+00	-7.00000E+00	8.80000E+01
693	4.00000E+00	-7.00000E+00	9.80000E+01

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Node	X-Coord.	Y-Coord.	Z-Coord.
694	4.00000E+00	-7.00000E+00	1.08000E+02
695	4.00000E+00	-7.00000E+00	1.18000E+02
696	4.00000E+00	-7.00000E+00	1.28000E+02
697	4.00000E+00	-7.00000E+00	1.56000E+02
698	4.00000E+00	-7.00000E+00	1.68000E+02
699	4.00000E+00	-7.00000E+00	1.80000E+02
700	4.00000E+00	-7.00000E+00	1.92000E+02
701	4.00000E+00	-7.00000E+00	2.02000E+02
702	1.82000E+02	-7.00000E+00	1.40000E+01
703	1.82000E+02	-7.00000E+00	2.40000E+01
704	1.82000E+02	-7.00000E+00	3.60000E+01
705	1.82000E+02	-7.00000E+00	4.80000E+01
706	1.82000E+02	-7.00000E+00	6.00000E+01
707	1.82000E+02	-7.00000E+00	8.80000E+01
708	1.82000E+02	-7.00000E+00	9.80000E+01
709	1.82000E+02	-7.00000E+00	1.08000E+02
710	1.82000E+02	-7.00000E+00	1.18000E+02
711	1.82000E+02	-7.00000E+00	1.28000E+02
712	1.82000E+02	-7.00000E+00	1.56000E+02
713	1.82000E+02	-7.00000E+00	1.68000E+02
714	1.82000E+02	-7.00000E+00	1.80000E+02
715	1.82000E+02	-7.00000E+00	1.92000E+02
716	1.82000E+02	-7.00000E+00	2.02000E+02
717	-4.60000E+00	-7.00000E+00	2.40000E+01
718	0.00000E+00	-7.00000E+00	2.40000E+01
719	1.30000E+01	-7.00000E+00	2.40000E+01
720	2.30000E+01	-7.00000E+00	2.40000E+01
721	1.63000E+02	-7.00000E+00	2.40000E+01
722	1.73000E+02	-7.00000E+00	2.40000E+01
723	1.86000E+02	-7.00000E+00	2.40000E+01
724	1.90600E+02	-7.00000E+00	2.40000E+01
725	-4.60000E+00	-7.00000E+00	1.92000E+02
726	0.00000E+00	-7.00000E+00	1.92000E+02
727	1.30000E+01	-7.00000E+00	1.92000E+02
728	2.30000E+01	-7.00000E+00	1.92000E+02
729	1.63000E+02	-7.00000E+00	1.92000E+02
730	1.73000E+02	-7.00000E+00	1.92000E+02
731	1.86000E+02	-7.00000E+00	1.92000E+02
732	1.90600E+02	-7.00000E+00	1.92000E+02
733	3.30000E+01	-2.10000E+01	-4.60000E+00
734	9.30000E+01	-2.10000E+01	-4.60000E+00
735	1.53000E+02	-2.10000E+01	-4.60000E+00

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Node	X-Coord.	Y-Coord.	Z-Coord.
736	3.30000E+01	-2.10000E+01	2.20600E+02
737	7.80000E+01	-2.10000E+01	2.20600E+02
738	1.08000E+02	-2.10000E+01	2.20600E+02
739	1.53000E+02	-2.10000E+01	2.20600E+02
740	-4.60000E+00	-2.10000E+01	2.40000E+01
741	-4.60000E+00	-2.10000E+01	7.10000E+01
742	-4.60000E+00	-2.10000E+01	7.80000E+01
743	-4.60000E+00	-2.10000E+01	1.38000E+02
744	-4.60000E+00	-2.10000E+01	1.45000E+02
745	-4.60000E+00	-2.10000E+01	1.92000E+02
746	1.90600E+02	-2.10000E+01	2.40000E+01
747	1.90600E+02	-2.10000E+01	7.10000E+01
748	1.90600E+02	-2.10000E+01	7.80000E+01
749	1.90600E+02	-2.10000E+01	1.38000E+02
750	1.90600E+02	-2.10000E+01	1.45000E+02
751	1.90600E+02	-2.10000E+01	1.92000E+02
752	9.10000E+01	2.25000E+01	9.76200E+01
753	9.10000E+01	0.00000E+00	1.08000E+02
754	-9.25000E+00	-7.00000E+00	7.10000E+01
755	-9.25000E+00	-7.00000E+00	7.80000E+01
756	-9.25000E+00	-7.00000E+00	1.38000E+02
757	-9.25000E+00	-7.00000E+00	1.45000E+02
758	1.95250E+02	-7.00000E+00	7.10000E+01
759	1.95250E+02	-7.00000E+00	7.80000E+01
760	1.95250E+02	-7.00000E+00	1.38000E+02
761	1.95250E+02	-7.00000E+00	1.45000E+02
762	9.10000E+01	2.25000E+01	1.08000E+02

BEAM PROPERTIES

Multiplier = 1 (For AISC database properties only)

Prop No	N a m e
1	W12X35
2	W8X18
3	W10X49

Prop No	X-Section Area	Moment of Inertia Iy / Iz	Torsional Const.- J

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Prop No	X-Section Area	Moment of Inertia Iy / Iz		Torsional Const.- J
1	1.030E+01	2.451E+01	2.850E+02	7.409E-01
2	5.268E+00	7.973E+00	6.190E+01	1.701E-01
3	1.441E+01	9.340E+01	2.720E+02	1.390E+00
4	6.000E+00	7.200E+01	1.300E-01	5.000E-01

Prop No	Max. Fiber Dist Cy / Cz		Shear Shape Fact SSFy / SSFz		Ctors	Shear Stress Factor SSTRFy / SSTRFz	
1	3.28E+00	6.25E+00	2.75E+00	1.51E+00	5.20E-01	3.05E+00	2.26E+00
2	2.62E+00	4.07E+00	2.81E+00	1.52E+00	3.30E-01	3.10E+00	2.27E+00
3	4.99E+00	4.98E+00	4.25E+00	1.29E+00	5.60E-01	4.63E+00	1.93E+00
4	6.00E+00	2.50E-01	0.00E+00	0.00E+00	1.00E+00	1.00E+00	1.00E+00

BEAM CONNECTIVITY

Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J		Rigid End Offset I / J		Length	Beam Type
1	590	591	21	1	3			0.00E+00	0.00E+00	0.40E+01	Beam
2	591	592	21	1	3			0.00E+00	0.00E+00	0.90E+01	Beam
3	592	593	21	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
4	593	594	21	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
5	594	595	21	1	3			0.00E+00	0.00E+00	0.12E+02	Beam
6	595	596	21	1	3			0.00E+00	0.00E+00	0.12E+02	Beam
7	596	597	21	1	3			0.00E+00	0.00E+00	0.12E+02	Beam
8	597	598	21	1	3			0.00E+00	0.00E+00	0.12E+02	Beam
9	598	599	21	1	3			0.00E+00	0.00E+00	0.12E+02	Beam
10	599	600	21	1	3			0.00E+00	0.00E+00	0.12E+02	Beam
11	600	601	21	1	3			0.00E+00	0.00E+00	0.12E+02	Beam
12	601	602	21	1	3			0.00E+00	0.00E+00	0.12E+02	Beam
13	602	603	21	1	3			0.00E+00	0.00E+00	0.12E+02	Beam
14	603	604	21	1	3			0.00E+00	0.00E+00	0.12E+02	Beam
15	604	605	21	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
16	605	606	21	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
17	606	607	21	1	3			0.00E+00	0.00E+00	0.90E+01	Beam
18	607	608	21	1	3			0.00E+00	0.00E+00	0.40E+01	Beam
19	506	507	134	1	3			0.00E+00	0.00E+00	0.46E+01	Beam
20	507	508	134	1	3			0.00E+00	0.00E+00	0.40E+01	Beam
21	508	509	134	1	3			0.00E+00	0.00E+00	0.90E+01	Beam
22	509	510	134	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
23	510	511	134	1	3			0.00E+00	0.00E+00	0.10E+02	Beam

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Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I / J		Length	Beam Type
24	511	512	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
25	512	513	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
26	513	514	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
27	514	515	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
28	515	516	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
29	516	517	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
30	517	518	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
31	518	519	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
32	519	520	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
33	520	521	134	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
34	521	522	134	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
35	522	523	134	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
36	523	524	134	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
37	524	525	134	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
38	525	526	134	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
39	527	528	172	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
40	528	529	172	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
41	529	530	172	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
42	530	531	172	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
43	531	532	172	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
44	532	533	172	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
45	533	534	172	1	3		0.00E+00	0.00E+00	0.16E+02	Beam
46	534	535	172	1	3		0.00E+00	0.00E+00	0.80E+01	Beam
47	535	536	172	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
48	536	537	172	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
49	537	538	172	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
50	538	539	172	1	3		0.00E+00	0.00E+00	0.16E+02	Beam
51	539	540	172	1	3		0.00E+00	0.00E+00	0.80E+01	Beam
52	540	541	172	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
53	541	542	172	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
54	542	543	172	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
55	543	544	172	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
56	544	545	172	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
57	545	546	172	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
58	546	547	172	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
59	548	549	267	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
60	549	550	267	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
61	550	551	267	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
62	551	552	267	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
63	552	553	267	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
64	553	554	267	1	3		0.00E+00	0.00E+00	0.12E+02	Beam

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Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I / J	Length	Beam Type
65	554	555	267	1	3		0.00E+00 0.00E+00	0.16E+02	Beam
66	555	556	267	1	3		0.00E+00 0.00E+00	0.80E+01	Beam
67	556	557	267	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
68	557	558	267	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
69	558	559	267	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
70	559	560	267	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
71	560	561	267	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
72	561	562	267	1	3		0.00E+00 0.00E+00	0.20E+02	Beam
73	562	563	267	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
74	563	564	267	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
75	564	565	267	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
76	565	566	267	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
77	566	567	267	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
78	567	568	267	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
79	569	570	306	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
80	570	571	306	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
81	571	572	306	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
82	572	573	306	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
83	573	574	306	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
84	574	575	306	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
85	575	576	306	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
86	576	577	306	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
87	577	578	306	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
88	578	579	306	1	3		0.00E+00 0.00E+00	0.15E+02	Beam
89	579	580	306	1	3		0.00E+00 0.00E+00	0.15E+02	Beam
90	580	581	306	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
91	581	582	306	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
92	582	583	306	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
93	583	584	306	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
94	584	585	306	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
95	585	586	306	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
96	586	587	306	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
97	587	588	306	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
98	588	589	306	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
99	609	610	420	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
100	610	611	420	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
101	611	612	420	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
102	612	613	420	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
103	613	614	420	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
104	614	615	420	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
105	615	616	420	1	3		0.00E+00 0.00E+00	0.12E+02	Beam

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Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I / J	Length	Beam Type
106	616	617	420	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
107	678	679	449	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
108	619	620	420	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
109	620	621	420	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
110	621	622	420	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
111	622	623	420	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
112	623	624	420	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
113	624	625	420	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
114	625	626	420	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
115	626	627	420	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
116	646	628	5	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
117	628	594	5	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
118	594	629	5	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
119	629	630	5	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
120	630	631	5	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
121	631	632	5	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
122	632	633	5	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
123	633	511	5	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
124	647	634	10	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
125	634	599	10	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
126	599	635	10	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
127	635	636	10	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
128	636	637	10	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
129	637	638	10	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
130	638	639	10	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
131	639	516	10	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
132	648	640	15	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
133	640	604	15	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
134	604	641	15	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
135	641	642	15	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
136	642	643	15	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
137	643	644	15	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
138	644	645	15	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
139	645	521	15	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
140	534	649	178	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
141	649	650	178	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
142	650	651	178	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
143	651	652	178	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
144	652	653	178	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
145	653	555	178	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
146	539	654	184	1	3		0.00E+00 0.00E+00	0.10E+02	Beam

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Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I / J		Length	Beam Type
147	654	655	184	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
148	655	656	184	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
149	656	657	184	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
150	657	658	184	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
151	658	561	184	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
152	574	659	310	1	3		0.00E+00	0.00E+00	0.11E+02	Beam
153	659	660	310	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
154	660	661	310	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
155	661	662	310	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
156	662	663	310	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
157	663	613	310	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
158	613	664	310	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
159	664	665	310	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
160	578	666	314	1	3		0.00E+00	0.00E+00	0.11E+02	Beam
161	666	667	314	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
162	667	668	314	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
163	668	669	314	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
164	669	670	314	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
165	670	617	314	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
166	617	671	310	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
167	671	672	310	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
168	580	673	316	1	3		0.00E+00	0.00E+00	0.11E+02	Beam
169	673	674	316	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
170	674	675	316	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
171	675	676	316	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
172	676	677	316	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
173	677	619	316	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
174	619	678	316	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
175	584	680	320	1	3		0.00E+00	0.00E+00	0.11E+02	Beam
176	680	681	320	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
177	681	682	320	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
178	682	683	320	1	3		0.00E+00	0.00E+00	0.12E+02	Beam
179	683	684	320	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
180	684	623	320	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
181	623	685	320	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
182	685	686	320	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
183	717	718	58	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
184	718	688	58	1	3		0.00E+00	0.00E+00	0.40E+01	Beam
185	688	719	58	1	3		0.00E+00	0.00E+00	0.90E+01	Beam
186	719	720	58	1	3		0.00E+00	0.00E+00	0.10E+02	Beam
187	720	630	58	1	3		0.00E+00	0.00E+00	0.10E+02	Beam

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Beam No	Nodes From/	To /	Ref	Prop No	Mat No	pincodes I / J	Rigid End Offset I / J	Length	Beam Type
188	642	721	58	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
189	721	722	58	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
190	722	703	58	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
191	703	723	58	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
192	723	724	58	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
193	725	726	382	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
194	726	700	382	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
195	700	727	382	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
196	727	728	382	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
197	728	662	382	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
198	683	729	382	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
199	729	730	382	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
200	730	715	382	1	3		0.00E+00 0.00E+00	0.90E+01	Beam
201	715	731	382	1	3		0.00E+00 0.00E+00	0.40E+01	Beam
202	731	732	382	1	3		0.00E+00 0.00E+00	0.46E+01	Beam
203	591	687	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
204	687	688	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
205	688	689	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
206	689	690	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
207	690	691	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
208	691	508	21	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
209	529	692	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
210	692	693	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
211	693	694	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
212	694	695	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
213	695	696	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
214	696	550	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
215	571	697	21	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
216	697	698	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
217	698	699	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
218	699	700	21	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
219	700	701	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
220	701	610	21	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
221	607	702	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
222	702	703	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
223	703	704	37	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
224	704	705	37	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
225	705	706	37	1	3		0.00E+00 0.00E+00	0.12E+02	Beam
226	706	524	37	1	3		0.00E+00 0.00E+00	0.11E+02	Beam
227	545	707	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam
228	707	708	37	1	3		0.00E+00 0.00E+00	0.10E+02	Beam

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Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J		Rigid End Offset I / J		Length	Beam Type
229	708	709	37	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
230	709	710	37	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
231	710	711	37	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
232	711	566	37	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
233	587	712	37	1	3			0.00E+00	0.00E+00	0.11E+02	Beam
234	712	713	37	1	3			0.00E+00	0.00E+00	0.12E+02	Beam
235	713	714	37	1	3			0.00E+00	0.00E+00	0.12E+02	Beam
236	714	715	37	1	3			0.00E+00	0.00E+00	0.12E+02	Beam
237	715	716	37	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
238	716	626	37	1	3			0.00E+00	0.00E+00	0.10E+02	Beam
239	733	646	628	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
240	734	647	634	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
241	735	648	640	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
242	736	665	664	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
243	737	672	671	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
244	738	679	678	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
245	739	686	685	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
246	740	717	718	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
247	741	506	507	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
248	742	527	528	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
249	743	548	549	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
250	744	569	570	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
251	745	725	726	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
252	746	724	723	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
253	747	526	525	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
254	748	547	546	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
255	749	568	567	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
256	750	589	588	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
257	751	732	731	2	3			0.00E+00	0.00E+00	0.14E+02	Beam
258	754	755	527	4	3	NA	NA	NA	NA	0.70E+01	Truss
259	756	757	569	4	3	NA	NA	NA	NA	0.70E+01	Truss
260	758	759	547	4	3	NA	NA	NA	NA	0.70E+01	Truss
261	760	761	589	4	3	NA	NA	NA	NA	0.70E+01	Truss
262	458	753	762	3	2	146		0.00E+00	0.00E+00	0.27E+02	Beam
263	459	753	762	3	2	146		0.00E+00	0.00E+00	0.27E+02	Beam
264	461	753	762	3	2	146		0.00E+00	0.00E+00	0.27E+02	Beam
265	463	753	762	3	2	146		0.00E+00	0.00E+00	0.27E+02	Beam
266	464	753	762	3	2	146		0.00E+00	0.00E+00	0.27E+02	Beam
267	465	753	762	3	2	146		0.00E+00	0.00E+00	0.27E+02	Beam
268	467	753	762	3	2	146		0.00E+00	0.00E+00	0.27E+02	Beam
269	469	753	762	3	2	146		0.00E+00	0.00E+00	0.27E+02	Beam

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Beam No	Nodes From/ To / Ref			Prop No	Mat No	pincodes I / J	Rigid End Offset I / J		Length	Beam Type
270	470	753	762	3	2	146	0.00E+00	0.00E+00	0.27E+02	Beam
271	471	753	762	3	2	146	0.00E+00	0.00E+00	0.27E+02	Beam
272	473	753	762	3	2	146	0.00E+00	0.00E+00	0.27E+02	Beam
273	475	753	762	3	2	146	0.00E+00	0.00E+00	0.27E+02	Beam
274	476	753	762	3	2	146	0.00E+00	0.00E+00	0.27E+02	Beam
275	477	753	762	3	2	146	0.00E+00	0.00E+00	0.27E+02	Beam
276	479	753	762	3	2	146	0.00E+00	0.00E+00	0.27E+02	Beam
277	481	753	762	3	2	146	0.00E+00	0.00E+00	0.27E+02	Beam
278	753	762	752	3	2		0.00E+00	0.00E+00	0.23E+02	Beam
279	754	506	741	1	3		0.00E+00	0.00E+00	0.47E+01	Beam
280	755	527	742	1	3		0.00E+00	0.00E+00	0.47E+01	Beam
281	756	548	743	1	3		0.00E+00	0.00E+00	0.47E+01	Beam
282	757	569	744	1	3		0.00E+00	0.00E+00	0.47E+01	Beam
283	526	758	747	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
284	547	759	748	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
285	568	760	749	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
286	589	761	750	1	3		0.00E+00	0.00E+00	0.46E+01	Beam
287	752	762	753	3	2		0.00E+00	0.00E+00	0.10E+02	Beam

PLATE ELEMENT CONNECTIVITY

Plate No.		Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	1	1	2	21	20	1	1.500E+00	1.600E+01		1.000E+00	M+B
QUAD	2	2	3	22	21	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	3	3	4	23	22	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	4	4	5	24	23	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	5	5	6	25	24	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	6	6	7	26	25	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	7	7	8	27	26	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	8	8	9	28	27	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	9	9	10	29	28	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	10	10	11	30	29	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	11	11	12	31	30	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	12	12	13	32	31	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	13	13	14	33	32	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	14	14	15	34	33	1	1.500E+00	4.800E+01		3.000E+00	M+B

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	Plate No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	15	15	16	35	34	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	16	16	17	36	35	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	17	17	18	37	36	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	18	18	19	38	37	1	1.500E+00	1.600E+01		1.000E+00	M+B
QUAD	19	20	21	40	39	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	20	21	22	41	40	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	21	22	23	42	41	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	22	23	24	43	42	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	23	24	25	44	43	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	24	25	26	45	44	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	25	26	27	46	45	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	26	27	28	47	46	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	27	28	29	48	47	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	28	29	30	49	48	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	29	30	31	50	49	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	30	31	32	51	50	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	31	32	33	52	51	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	32	33	34	53	52	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	33	34	35	54	53	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	34	35	36	55	54	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	35	36	37	56	55	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	36	37	38	57	56	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	37	39	40	59	58	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	38	40	41	60	59	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	39	41	42	61	60	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	40	42	43	62	61	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	41	43	44	63	62	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	42	44	45	64	63	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	43	45	46	65	64	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	44	46	47	66	65	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	45	47	48	67	66	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	46	48	49	68	67	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	47	49	50	69	68	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	48	50	51	70	69	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	49	51	52	71	70	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	50	52	53	72	71	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	51	53	54	73	72	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	52	54	55	74	73	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	53	55	56	75	74	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	54	56	57	76	75	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	55	58	59	78	77	1	1.500E+00	4.800E+01		3.333E-01	M+B

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	Plate No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	56	59	60	79	78	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	57	60	61	80	79	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	58	61	62	81	80	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	59	62	63	82	81	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	60	63	64	83	82	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	61	64	65	84	83	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	62	65	66	85	84	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	63	66	67	86	85	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	64	67	68	87	86	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	65	68	69	88	87	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	66	69	70	89	88	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	67	70	71	90	89	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	68	71	72	91	90	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	69	72	73	92	91	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	70	73	74	93	92	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	71	74	75	94	93	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	72	75	76	95	94	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	73	77	78	97	96	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	74	78	79	98	97	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	75	79	80	99	98	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	76	80	81	100	99	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	77	81	82	101	100	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	78	82	83	102	101	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	79	83	84	103	102	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	80	84	85	104	103	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	81	85	86	105	104	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	82	86	87	106	105	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	83	87	88	107	106	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	84	88	89	108	107	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	85	89	90	109	108	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	86	90	91	110	109	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	87	91	92	111	110	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	88	92	93	112	111	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	89	93	94	113	112	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	90	94	95	114	113	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	91	96	97	116	115	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	92	97	98	117	116	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	93	98	99	118	117	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	94	99	100	119	118	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	95	100	101	120	119	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	96	101	102	121	120	1	1.500E+00	1.440E+02		1.000E+00	M+B

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	Plate No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	97	102	103	122	121	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	98	103	104	123	122	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	99	104	105	124	123	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	100	105	106	125	124	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	101	106	107	126	125	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	102	107	108	127	126	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	103	108	109	128	127	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	104	109	110	129	128	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	105	110	111	130	129	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	106	111	112	131	130	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	107	112	113	132	131	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	108	113	114	133	132	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	109	115	116	135	134	1	1.500E+00	4.400E+01		3.636E-01	M+B
QUAD	110	116	117	136	135	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	111	117	118	137	136	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	112	118	119	138	137	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	113	119	120	139	138	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	114	120	121	140	139	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	115	121	122	141	140	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	116	122	123	142	141	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	117	123	124	143	142	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	118	124	125	144	143	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	119	125	126	145	144	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	120	126	127	146	145	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	121	127	128	147	146	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	122	128	129	148	147	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	123	129	130	149	148	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	124	130	131	150	149	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	125	131	132	151	150	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	126	132	133	152	151	1	1.500E+00	4.400E+01		3.636E-01	M+B
QUAD	127	134	135	154	153	1	1.500E+00	2.760E+01		5.797E-01	M+B
QUAD	128	135	136	155	154	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	129	136	137	156	155	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	130	137	138	157	156	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	131	138	139	158	157	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	132	139	140	159	158	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	133	140	141	160	159	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	134	141	142	161	160	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	135	142	143	162	161	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	136	143	144	163	162	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	137	144	145	164	163	1	1.500E+00	8.280E+01		1.739E+00	M+B

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Plate No.		Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	138	145	146	165	164	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	139	146	147	166	165	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	140	147	148	167	166	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	141	148	149	168	167	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	142	149	150	169	168	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	143	150	151	170	169	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	144	151	152	171	170	1	1.500E+00	2.760E+01		5.797E-01	M+B
QUAD	145	172	173	193	192	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	146	173	174	194	193	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	147	174	175	195	194	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	148	175	176	196	195	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	149	176	177	197	196	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	150	177	178	198	197	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	151	184	185	200	199	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	152	185	186	201	200	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	153	186	187	202	201	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	154	187	188	203	202	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	155	188	189	204	203	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	156	189	190	205	204	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	157	190	191	206	205	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	158	192	193	208	207	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	159	193	194	209	208	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	160	194	195	210	209	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	161	195	196	211	210	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	162	196	197	212	211	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	163	197	198	213	212	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	164	199	200	215	214	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	165	200	201	216	215	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	166	201	202	217	216	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	167	202	203	218	217	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	168	203	204	219	218	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	169	204	205	220	219	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	170	205	206	221	220	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	171	207	208	223	222	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	172	208	209	224	223	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	173	209	210	225	224	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	174	210	211	226	225	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	175	211	212	227	226	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	176	212	213	228	227	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	177	214	215	230	229	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	178	215	216	231	230	1	1.500E+00	1.200E+02		1.200E+00	M+B

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	Plate No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	179	216	217	232	231	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	180	217	218	233	232	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	181	218	219	234	233	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	182	219	220	235	234	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	183	220	221	236	235	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	184	222	223	238	237	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	185	223	224	239	238	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	186	224	225	240	239	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	187	225	226	241	240	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	188	226	227	242	241	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	189	227	228	243	242	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	190	229	230	245	244	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	191	230	231	246	245	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	192	231	232	247	246	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	193	232	233	248	247	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	194	233	234	249	248	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	195	234	235	250	249	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	196	235	236	251	250	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	197	237	238	253	252	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	198	238	239	254	253	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	199	239	240	255	254	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	200	240	241	256	255	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	201	241	242	257	256	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	202	242	243	258	257	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	203	244	245	260	259	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	204	245	246	261	260	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	205	246	247	262	261	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	206	247	248	263	262	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	207	248	249	264	263	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	208	249	250	265	264	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	209	250	251	266	265	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	210	252	253	268	267	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	211	253	254	269	268	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	212	254	255	270	269	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	213	255	256	271	270	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	214	256	257	272	271	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	215	257	258	273	272	1	1.500E+00	1.600E+02		1.600E+00	M+B
QUAD	216	259	260	280	279	1	1.500E+00	8.000E+01		8.000E-01	M+B
QUAD	217	260	261	281	280	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	218	261	262	282	281	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	219	262	263	283	282	1	1.500E+00	1.000E+02		1.000E+00	M+B

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	Plate No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	220	263	264	284	283	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	221	264	265	285	284	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	222	265	266	286	285	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	223	178	179	480	479	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	224	179	180	481	480	1	1.500E+00	3.938E+01		1.046E+00	M+B
QUAD	225	180	181	458	481	1	1.500E+00	3.846E+01		2.707E+00	M+B
QUAD	226	181	182	459	458	1	1.500E+00	3.846E+01		2.707E+00	M+B
QUAD	227	182	183	460	459	1	1.500E+00	3.938E+01		1.046E+00	M+B
QUAD	228	183	184	461	460	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	229	184	199	462	461	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	230	199	214	463	462	1	1.500E+00	3.938E+01		1.046E+00	M+B
QUAD	231	214	229	464	463	1	1.500E+00	3.846E+01		2.707E+00	M+B
QUAD	232	229	244	465	464	1	1.500E+00	3.846E+01		2.707E+00	M+B
QUAD	233	244	259	466	465	1	1.500E+00	3.938E+01		1.046E+00	M+B
QUAD	234	259	279	467	466	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	235	468	467	279	278	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	236	469	468	278	277	1	1.500E+00	3.938E+01		1.046E+00	M+B
QUAD	237	470	469	277	276	1	1.500E+00	3.846E+01		2.707E+00	M+B
QUAD	238	471	470	276	275	1	1.500E+00	3.846E+01		2.707E+00	M+B
QUAD	239	472	471	275	274	1	1.500E+00	3.938E+01		1.046E+00	M+B
QUAD	240	473	472	274	273	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	241	474	473	273	258	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	242	475	474	258	243	1	1.500E+00	3.938E+01		1.046E+00	M+B
QUAD	243	476	475	243	228	1	1.500E+00	3.846E+01		2.707E+00	M+B
QUAD	244	477	476	228	213	1	1.500E+00	3.846E+01		2.707E+00	M+B
QUAD	245	478	477	213	198	1	1.500E+00	3.938E+01		1.046E+00	M+B
QUAD	246	479	478	198	178	1	1.500E+00	8.552E+01		6.705E-01	M+B
QUAD	247	458	459	483	482	1	1.500E+00	6.074E+01		9.880E-01	M+B
QUAD	248	459	460	484	483	1	1.500E+00	3.514E+01		5.113E-01	M+B
QUAD	249	460	461	485	484	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	250	461	462	486	485	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	251	462	463	487	486	1	1.500E+00	3.514E+01		5.113E-01	M+B
QUAD	252	463	464	488	487	1	1.500E+00	6.074E+01		9.880E-01	M+B
QUAD	253	464	465	489	488	1	1.500E+00	6.074E+01		9.880E-01	M+B
QUAD	254	465	466	490	489	1	1.500E+00	3.514E+01		5.113E-01	M+B
QUAD	255	466	467	491	490	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	256	467	468	492	491	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	257	468	469	493	492	1	1.500E+00	3.514E+01		5.113E-01	M+B
QUAD	258	469	470	494	493	1	1.500E+00	6.074E+01		9.880E-01	M+B
QUAD	259	470	471	495	494	1	1.500E+00	6.074E+01		9.880E-01	M+B
QUAD	260	471	472	496	495	1	1.500E+00	3.514E+01		5.113E-01	M+B

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	Plate No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	261	472	473	497	496	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	262	473	474	498	497	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	263	474	475	499	498	1	1.500E+00	3.514E+01		5.113E-01	M+B
QUAD	264	475	476	500	499	1	1.500E+00	6.074E+01		9.880E-01	M+B
QUAD	265	476	477	501	500	1	1.500E+00	6.074E+01		9.880E-01	M+B
QUAD	266	477	478	502	501	1	1.500E+00	3.514E+01		5.113E-01	M+B
QUAD	267	478	479	503	502	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	268	479	480	504	503	1	1.500E+00	4.876E+01		7.514E-01	M+B
QUAD	269	480	481	505	504	1	1.500E+00	3.514E+01		5.113E-01	M+B
QUAD	270	481	458	482	505	1	1.500E+00	6.074E+01		9.880E-01	M+B
QUAD	271	287	288	307	306	1	1.500E+00	2.760E+01		5.797E-01	M+B
QUAD	272	288	289	308	307	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	273	289	290	309	308	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	274	290	291	310	309	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	275	291	292	311	310	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	276	292	293	312	311	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	277	293	294	313	312	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	278	294	295	314	313	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	279	295	296	315	314	1	1.500E+00	1.035E+02		2.174E+00	M+B
QUAD	280	296	297	316	315	1	1.500E+00	1.035E+02		2.174E+00	M+B
QUAD	281	297	298	317	316	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	282	298	299	318	317	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	283	299	300	319	318	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	284	300	301	320	319	1	1.500E+00	8.280E+01		1.739E+00	M+B
QUAD	285	301	302	321	320	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	286	302	303	322	321	1	1.500E+00	6.900E+01		1.449E+00	M+B
QUAD	287	303	304	323	322	1	1.500E+00	6.210E+01		1.304E+00	M+B
QUAD	288	304	305	324	323	1	1.500E+00	2.760E+01		5.797E-01	M+B
QUAD	289	306	307	326	325	1	1.500E+00	4.400E+01		3.636E-01	M+B
QUAD	290	307	308	327	326	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	291	308	309	328	327	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	292	309	310	329	328	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	293	310	311	330	329	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	294	311	312	331	330	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	295	312	313	332	331	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	296	313	314	333	332	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	297	314	315	334	333	1	1.500E+00	1.650E+02		1.364E+00	M+B
QUAD	298	315	316	335	334	1	1.500E+00	1.650E+02		1.364E+00	M+B
QUAD	299	316	317	336	335	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	300	317	318	337	336	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	301	318	319	338	337	1	1.500E+00	1.320E+02		1.091E+00	M+B

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	Plate No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	302	319	320	339	338	1	1.500E+00	1.320E+02		1.091E+00	M+B
QUAD	303	320	321	340	339	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	304	321	322	341	340	1	1.500E+00	1.100E+02		9.091E-01	M+B
QUAD	305	322	323	342	341	1	1.500E+00	9.900E+01		8.182E-01	M+B
QUAD	306	323	324	343	342	1	1.500E+00	4.400E+01		3.636E-01	M+B
QUAD	307	325	326	345	344	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	308	326	327	346	345	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	309	327	328	347	346	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	310	328	329	348	347	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	311	329	330	349	348	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	312	330	331	350	349	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	313	331	332	351	350	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	314	332	333	352	351	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	315	333	334	353	352	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	316	334	335	354	353	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	317	335	336	355	354	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	318	336	337	356	355	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	319	337	338	357	356	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	320	338	339	358	357	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	321	339	340	359	358	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	322	340	341	360	359	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	323	341	342	361	360	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	324	342	343	362	361	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	325	344	345	364	363	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	326	345	346	365	364	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	327	346	347	366	365	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	328	347	348	367	366	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	329	348	349	368	367	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	330	349	350	369	368	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	331	350	351	370	369	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	332	351	352	371	370	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	333	352	353	372	371	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	334	353	354	373	372	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	335	354	355	374	373	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	336	355	356	375	374	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	337	356	357	376	375	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	338	357	358	377	376	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	339	358	359	378	377	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	340	359	360	379	378	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	341	360	361	380	379	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	342	361	362	381	380	1	1.500E+00	4.800E+01		3.333E-01	M+B

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	Plate No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	343	363	364	383	382	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	344	364	365	384	383	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	345	365	366	385	384	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	346	366	367	386	385	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	347	367	368	387	386	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	348	368	369	388	387	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	349	369	370	389	388	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	350	370	371	390	389	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	351	371	372	391	390	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	352	372	373	392	391	1	1.500E+00	1.800E+02		1.250E+00	M+B
QUAD	353	373	374	393	392	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	354	374	375	394	393	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	355	375	376	395	394	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	356	376	377	396	395	1	1.500E+00	1.440E+02		1.000E+00	M+B
QUAD	357	377	378	397	396	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	358	378	379	398	397	1	1.500E+00	1.200E+02		8.333E-01	M+B
QUAD	359	379	380	399	398	1	1.500E+00	1.080E+02		7.500E-01	M+B
QUAD	360	380	381	400	399	1	1.500E+00	4.800E+01		3.333E-01	M+B
QUAD	361	382	383	402	401	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	362	383	384	403	402	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	363	384	385	404	403	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	364	385	386	405	404	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	365	386	387	406	405	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	366	387	388	407	406	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	367	388	389	408	407	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	368	389	390	409	408	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	369	390	391	410	409	1	1.500E+00	1.500E+02		1.500E+00	M+B
QUAD	370	391	392	411	410	1	1.500E+00	1.500E+02		1.500E+00	M+B
QUAD	371	392	393	412	411	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	372	393	394	413	412	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	373	394	395	414	413	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	374	395	396	415	414	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	375	396	397	416	415	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	376	397	398	417	416	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	377	398	399	418	417	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	378	399	400	419	418	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	379	401	402	421	420	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	380	402	403	422	421	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	381	403	404	423	422	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	382	404	405	424	423	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	383	405	406	425	424	1	1.500E+00	1.200E+02		1.200E+00	M+B

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	Plate No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	384	406	407	426	425	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	385	407	408	427	426	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	386	408	409	428	427	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	387	409	410	429	428	1	1.500E+00	1.500E+02		1.500E+00	M+B
QUAD	388	410	411	430	429	1	1.500E+00	1.500E+02		1.500E+00	M+B
QUAD	389	411	412	431	430	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	390	412	413	432	431	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	391	413	414	433	432	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	392	414	415	434	433	1	1.500E+00	1.200E+02		1.200E+00	M+B
QUAD	393	415	416	435	434	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	394	416	417	436	435	1	1.500E+00	1.000E+02		1.000E+00	M+B
QUAD	395	417	418	437	436	1	1.500E+00	9.000E+01		9.000E-01	M+B
QUAD	396	418	419	438	437	1	1.500E+00	4.000E+01		4.000E-01	M+B
QUAD	397	420	421	440	439	1	1.500E+00	1.600E+01		1.000E+00	M+B
QUAD	398	421	422	441	440	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	399	422	423	442	441	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	400	423	424	443	442	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	401	424	425	444	443	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	402	425	426	445	444	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	403	426	427	446	445	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	404	427	428	447	446	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	405	428	429	448	447	1	1.500E+00	6.000E+01		3.750E+00	M+B
QUAD	406	429	430	449	448	1	1.500E+00	6.000E+01		3.750E+00	M+B
QUAD	407	430	431	450	449	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	408	431	432	451	450	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	409	432	433	452	451	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	410	433	434	453	452	1	1.500E+00	4.800E+01		3.000E+00	M+B
QUAD	411	434	435	454	453	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	412	435	436	455	454	1	1.500E+00	4.000E+01		2.500E+00	M+B
QUAD	413	436	437	456	455	1	1.500E+00	3.600E+01		2.250E+00	M+B
QUAD	414	437	438	457	456	1	1.500E+00	1.600E+01		1.000E+00	M+B
QUAD	415	20	21	591	590	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	416	21	22	592	591	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	417	22	23	593	592	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	418	23	24	594	593	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	419	24	25	595	594	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	420	25	26	596	595	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	421	26	27	597	596	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	422	27	28	598	597	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	423	28	29	599	598	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	424	29	30	600	599	3	2.500E-01	8.400E+01		1.714E+00	M+B

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	Plate No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	425	30	31	601	600	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	426	31	32	602	601	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	427	32	33	603	602	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	428	33	34	604	603	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	429	34	35	605	604	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	430	35	36	606	605	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	431	36	37	607	606	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	432	37	38	608	607	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	433	134	135	508	507	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	434	135	136	509	508	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	435	136	137	510	509	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	436	137	138	511	510	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	437	138	139	512	511	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	438	139	140	513	512	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	439	140	141	514	513	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	440	141	142	515	514	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	441	142	143	516	515	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	442	143	144	517	516	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	443	144	145	518	517	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	444	145	146	519	518	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	445	146	147	520	519	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	446	147	148	521	520	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	447	148	149	522	521	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	448	149	150	523	522	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	449	150	151	524	523	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	450	151	152	525	524	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	451	172	173	529	528	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	452	173	174	530	529	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	453	174	175	531	530	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	454	175	176	532	531	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	455	176	177	533	532	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	456	177	178	534	533	3	2.500E-01	1.120E+02		2.286E+00	M+B
QUAD	457	178	179	535	534	3	2.500E-01	6.300E+01		1.273E+00	M+B
QUAD	458	179	180	536	535	3	2.500E-01	7.700E+01		1.556E+00	M+B
QUAD	459	180	181	537	536	3	2.500E-01	7.700E+01		1.556E+00	M+B
QUAD	460	181	182	538	537	3	2.500E-01	7.700E+01		1.444E+00	M+B
TRI	461	182	183	538		3	2.500E-01	3.500E+01		1.414E+00	M+B
QUAD	462	183	184	539	538	3	2.500E-01	9.100E+01		1.707E+00	M+B
QUAD	463	184	185	540	539	3	2.500E-01	5.600E+01		1.143E+00	M+B
QUAD	464	185	186	541	540	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	465	186	187	542	541	3	2.500E-01	8.400E+01		1.714E+00	M+B

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	Plate No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	466	187	188	543	542	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	467	188	189	544	543	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	468	189	190	545	544	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	469	190	191	546	545	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	470	267	268	550	549	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	471	268	269	551	550	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	472	269	270	552	551	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	473	270	271	553	552	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	474	271	272	554	553	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	475	272	273	555	554	3	2.500E-01	1.120E+02		2.286E+00	M+B
QUAD	476	273	274	556	555	3	2.500E-01	6.300E+01		1.273E+00	M+B
QUAD	477	274	275	557	556	3	2.500E-01	7.700E+01		1.556E+00	M+B
QUAD	478	275	276	558	557	3	2.500E-01	7.700E+01		1.556E+00	M+B
QUAD	479	276	277	559	558	3	2.500E-01	7.700E+01		1.444E+00	M+B
QUAD	480	277	278	560	559	3	2.500E-01	7.700E+01		1.279E+00	M+B
QUAD	481	278	279	561	560	3	2.500E-01	4.900E+01		9.191E-01	M+B
TRI	482	279	280	561		3	2.500E-01	2.800E+01		9.923E-01	M+B
QUAD	483	280	281	562	561	3	2.500E-01	1.120E+02		1.985E+00	M+B
QUAD	484	281	282	563	562	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	485	282	283	564	563	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	486	283	284	565	564	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	487	284	285	566	565	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	488	285	286	567	566	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	489	306	307	571	570	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	490	307	308	572	571	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	491	308	309	573	572	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	492	309	310	574	573	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	493	310	311	575	574	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	494	311	312	576	575	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	495	312	313	577	576	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	496	313	314	578	577	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	497	314	315	579	578	3	2.500E-01	1.050E+02		2.143E+00	M+B
QUAD	498	315	316	580	579	3	2.500E-01	1.050E+02		2.143E+00	M+B
QUAD	499	316	317	581	580	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	500	317	318	582	581	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	501	318	319	583	582	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	502	319	320	584	583	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	503	320	321	585	584	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	504	321	322	586	585	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	505	322	323	587	586	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	506	323	324	588	587	3	2.500E-01	2.800E+01		5.714E-01	M+B

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Plate No.		Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	507	420	421	610	609	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	508	421	422	611	610	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	509	422	423	612	611	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	510	423	424	613	612	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	511	424	425	614	613	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	512	425	426	615	614	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	513	426	427	616	615	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	514	427	428	617	616	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	515	428	429	618	617	3	2.500E-01	1.050E+02		2.143E+00	M+B
QUAD	516	429	430	619	618	3	2.500E-01	1.050E+02		2.143E+00	M+B
QUAD	517	430	431	620	619	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	518	431	432	621	620	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	519	432	433	622	621	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	520	433	434	623	622	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	521	434	435	624	623	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	522	435	436	625	624	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	523	436	437	626	625	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	524	437	438	627	626	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	525	58	59	688	718	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	526	59	60	719	688	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	527	60	61	720	719	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	528	61	62	630	720	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	529	72	73	721	642	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	530	73	74	722	721	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	531	74	75	703	722	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	532	75	76	723	703	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	533	382	383	700	726	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	534	383	384	727	700	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	535	384	385	728	727	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	536	385	386	662	728	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	537	396	397	729	683	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	538	397	398	730	729	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	539	398	399	715	730	3	2.500E-01	6.300E+01		1.286E+00	M+B
QUAD	540	399	400	731	715	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	541	21	40	687	591	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	542	40	59	688	687	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	543	59	78	689	688	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	544	78	97	690	689	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	545	97	116	691	690	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	546	116	135	508	691	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	547	173	193	692	529	3	2.500E-01	7.000E+01		1.429E+00	M+B

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

	Plate No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	548	193	208	693	692	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	549	208	223	694	693	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	550	223	238	695	694	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	551	238	253	696	695	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	552	253	268	550	696	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	553	307	326	697	571	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	554	326	345	698	697	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	555	345	364	699	698	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	556	364	383	700	699	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	557	383	402	701	700	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	558	402	421	610	701	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	559	24	43	629	594	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	560	43	62	630	629	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	561	62	81	631	630	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	562	81	100	632	631	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	563	100	119	633	632	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	564	119	138	511	633	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	565	310	329	659	574	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	566	329	348	660	659	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	567	348	367	661	660	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	568	367	386	662	661	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	569	386	405	663	662	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	570	405	424	613	663	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	571	178	198	649	534	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	572	198	213	650	649	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	573	213	228	651	650	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	574	228	243	652	651	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	575	243	258	653	652	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	576	258	273	555	653	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	577	314	333	666	578	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	578	333	352	667	666	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	579	352	371	668	667	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	580	371	390	669	668	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	581	390	409	670	669	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	582	409	428	617	670	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	583	428	447	671	617	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	584	10	29	599	634	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	585	29	48	635	599	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	586	48	67	636	635	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	587	67	86	637	636	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	588	86	105	638	637	3	2.500E-01	8.400E+01		1.714E+00	M+B

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

	Plate No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	589	105	124	639	638	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	590	124	143	516	639	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	591	316	335	673	580	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	592	335	354	674	673	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	593	354	373	675	674	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	594	373	392	676	675	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	595	392	411	677	676	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	596	411	430	619	677	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	597	430	449	678	619	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	598	184	199	654	539	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	599	199	214	655	654	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	600	214	229	656	655	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	601	229	244	657	656	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	602	244	259	658	657	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	603	259	279	561	658	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	604	15	34	604	640	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	605	34	53	641	604	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	606	53	72	642	641	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	607	72	91	643	642	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	608	91	110	644	643	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	609	110	129	645	644	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	610	129	148	521	645	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	611	320	339	680	584	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	612	339	358	681	680	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	613	358	377	682	681	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	614	377	396	683	682	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	615	396	415	684	683	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	616	415	434	623	684	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	617	434	453	685	623	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	618	37	56	702	607	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	619	56	75	703	702	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	620	75	94	704	703	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	621	94	113	705	704	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	622	113	132	706	705	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	623	132	151	524	706	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	624	190	205	707	545	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	625	205	220	708	707	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	626	220	235	709	708	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	627	235	250	710	709	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	628	250	265	711	710	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	629	265	285	566	711	3	2.500E-01	7.000E+01		1.429E+00	M+B

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

	Plate No.	Nodes I	J	K	L	Mat No.	Thickness	Area	Shear Web Thickness	Aspect Ratio	Plate Type
QUAD	630	323	342	712	587	3	2.500E-01	7.700E+01		1.571E+00	M+B
QUAD	631	342	361	713	712	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	632	361	380	714	713	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	633	380	399	715	714	3	2.500E-01	8.400E+01		1.714E+00	M+B
QUAD	634	399	418	716	715	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	635	418	437	626	716	3	2.500E-01	7.000E+01		1.429E+00	M+B
QUAD	636	5	24	594	628	3	2.500E-01	2.800E+01		5.714E-01	M+B
QUAD	637	424	443	664	613	3	2.500E-01	2.800E+01		5.714E-01	M+B

SPRING ELEMENTS

Spring No	Nodes From/ To		Direction	Stiffness No.	Spring Type
1	508	NA	Y	1	NL G
2	524	NA	Y	1	NL G
3	529	NA	Y	1	NL G
4	545	NA	Y	1	NL G
5	550	NA	Y	1	NL G
6	566	NA	Y	1	NL G
7	571	NA	Y	1	NL G
8	587	NA	Y	1	NL G
9	591	NA	Y	1	NL G
10	592	NA	Y	1	NL G
11	593	NA	Y	1	NL G
12	594	NA	Y	1	NL G
13	595	NA	Y	1	NL G
14	596	NA	Y	1	NL G
15	597	NA	Y	1	NL G
16	598	NA	Y	1	NL G
17	599	NA	Y	1	NL G

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Spring No	Nodes From/ To		Direction	Stiffness No.	Spring Type
18	600	NA	Y	1	NL G
19	601	NA	Y	1	NL G
20	602	NA	Y	1	NL G
21	603	NA	Y	1	NL G
22	604	NA	Y	1	NL G
23	605	NA	Y	1	NL G
24	606	NA	Y	1	NL G
25	607	NA	Y	1	NL G
26	610	NA	Y	1	NL G
27	611	NA	Y	1	NL G
28	612	NA	Y	1	NL G
29	613	NA	Y	1	NL G
30	614	NA	Y	1	NL G
31	615	NA	Y	1	NL G
32	616	NA	Y	1	NL G
33	617	NA	Y	1	NL G
34	618	NA	Y	1	NL G
35	619	NA	Y	1	NL G
36	620	NA	Y	1	NL G
37	621	NA	Y	1	NL G
38	622	NA	Y	1	NL G
39	623	NA	Y	1	NL G
40	624	NA	Y	1	NL G
41	625	NA	Y	1	NL G
42	626	NA	Y	1	NL G
43	687	NA	Y	1	NL G
44	688	NA	Y	1	NL G
45	689	NA	Y	1	NL G
46	690	NA	Y	1	NL G
47	691	NA	Y	1	NL G
48	692	NA	Y	1	NL G
49	693	NA	Y	1	NL G
50	694	NA	Y	1	NL G
51	695	NA	Y	1	NL G
52	696	NA	Y	1	NL G
53	697	NA	Y	1	NL G
54	698	NA	Y	1	NL G
55	699	NA	Y	1	NL G
56	700	NA	Y	1	NL G
57	701	NA	Y	1	NL G
58	702	NA	Y	1	NL G

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Spring No	Nodes From/ To		Direction	Stiffness No.	Spring Type
59	703	NA	Y	1	NL G
60	704	NA	Y	1	NL G
61	705	NA	Y	1	NL G
62	706	NA	Y	1	NL G
63	707	NA	Y	1	NL G
64	708	NA	Y	1	NL G
65	709	NA	Y	1	NL G
66	710	NA	Y	1	NL G
67	711	NA	Y	1	NL G
68	712	NA	Y	1	NL G
69	713	NA	Y	1	NL G
70	714	NA	Y	1	NL G
71	715	NA	Y	1	NL G
72	716	NA	Y	1	NL G

RESTRAINTS

Node No	Global/Local	Restraint Directions
733	GLOBAL	- - Z - - -
734	GLOBAL	- - Z - - -
735	GLOBAL	- - Z - - -
740	GLOBAL	X - - - - -
741	GLOBAL	X - - - - -
742	GLOBAL	X - - - - -
743	GLOBAL	X - - - - -
744	GLOBAL	X - - - - -
745	GLOBAL	X - - - - -

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

GRAVITY LOADING

Direction	Gravity Factor	Load Factor
X	.6080E+00	.1000E+01
Y	-.1405E+01	.1000E+01
Z	.6080E+00	.1000E+01

INERTIA LOADING

Direction	Translational Accel.	Rotational Accel.	Rotational Velocity	Origin
X	.0000E+00	.0000E+00	.0000E+00	.0000E+00
Y	.0000E+00	.0000E+00	.0000E+00	.0000E+00
Z	.0000E+00	.0000E+00	.0000E+00	.0000E+00

Gravity Acceleration = .3864E+03

CONCENTRATED LOADS

Node	Fx	Fy	Fz	Mx	My	Mz
752	.2738E+04	-.6332E+04	.2738E+04	.0000E+00	.0000E+00	.0000E+00

REFERENCE TEMPERATURE = .0000E+00

PLATE TEMPERATURES/PRESSURES

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
1	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
2	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00

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SOLVE DISPLACEMENTS Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
3	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
4	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
5	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
6	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
7	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
8	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
9	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
10	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
11	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
12	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
13	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
14	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
15	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
16	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
17	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
18	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
19	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
20	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
21	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
22	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
23	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
24	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
25	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
26	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
27	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
28	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
29	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
30	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
31	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
32	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
33	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
34	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
35	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
36	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
37	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
38	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
39	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
40	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
41	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
42	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

LOAD CASE 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
43	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
44	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
45	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
46	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
47	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
48	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
49	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
50	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
51	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
52	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
53	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
54	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
55	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
56	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
57	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
58	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
59	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
60	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
61	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
62	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
63	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
64	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
65	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
66	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
67	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
68	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
69	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
70	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
71	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
72	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
73	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
74	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
75	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
76	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
77	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
78	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
79	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
80	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
81	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
82	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

LOAD CASE 1

DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
83	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
84	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
85	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
86	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
87	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
88	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
89	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
90	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
91	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
92	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
93	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
94	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
95	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
96	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
97	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
98	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
99	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
100	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
101	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
102	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
103	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
104	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
105	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
106	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
107	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
108	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
109	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
110	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
111	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
112	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
113	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
114	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
115	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
116	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
117	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
118	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
119	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
120	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
121	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
122	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
123	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
124	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
125	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
126	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
127	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
128	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
129	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
130	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
131	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
132	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
133	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
134	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
135	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
136	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
137	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
138	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
139	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
140	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
141	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
142	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
143	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
144	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
145	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
146	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
147	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
148	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
149	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
150	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
151	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
152	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
153	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
154	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
155	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
156	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
157	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
158	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
159	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
160	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
161	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
162	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

LOAD CASE 1

DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
163	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
164	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
165	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
166	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
167	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
168	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
169	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
170	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
171	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
172	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
173	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
174	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
175	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
176	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
177	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
178	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
179	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
180	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
181	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
182	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

LOAD CASE 1

DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
183	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
184	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
185	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
186	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
187	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
188	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
189	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
190	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
191	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
192	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
193	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
194	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
195	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
196	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
197	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
198	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
199	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
200	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
201	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
202	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
203	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
204	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
205	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
206	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
207	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
208	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
209	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
210	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
211	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
212	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
213	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
214	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
215	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
216	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
217	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
218	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
219	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
220	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
221	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
222	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
223	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
224	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
225	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
226	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
227	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
228	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
229	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
230	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
231	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
232	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
233	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
234	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
235	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
236	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
237	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
238	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
239	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
240	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
241	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
242	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

Plate/Temp Plate/Pressure Plate/Lat. load	Node1 Node1 Side	Node2 Node2 Dir.	Node3 Node3 Node1	Node4 Node4 Node2
243	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
244	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
245	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00
246	.0000E+00	.0000E+00	.0000E+00	.0000E+00
	.4167E+00	.4167E+00	.4167E+00	.4167E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
1	.2554E+01	-.7569E+01	.2554E+01	.0000E+00	.0000E+00	.0000E+00
2	.8302E+01	-.2460E+02	.8302E+01	.0000E+00	.0000E+00	.0000E+00
3	.1213E+02	-.3596E+02	.1213E+02	.0000E+00	.0000E+00	.0000E+00
4	.1277E+02	-.3785E+02	.1277E+02	.0000E+00	.0000E+00	.0000E+00
5	.1435E+02	-.4233E+02	.1435E+02	.0000E+00	.0000E+00	.0000E+00
6	.1533E+02	-.4542E+02	.1533E+02	.0000E+00	.0000E+00	.0000E+00
7	.1533E+02	-.4542E+02	.1533E+02	.0000E+00	.0000E+00	.0000E+00
8	.1533E+02	-.4542E+02	.1533E+02	.0000E+00	.0000E+00	.0000E+00
9	.1533E+02	-.4542E+02	.1533E+02	.0000E+00	.0000E+00	.0000E+00
10	.1563E+02	-.4611E+02	.1563E+02	.0000E+00	.0000E+00	.0000E+00
11	.1533E+02	-.4542E+02	.1533E+02	.0000E+00	.0000E+00	.0000E+00
12	.1533E+02	-.4542E+02	.1533E+02	.0000E+00	.0000E+00	.0000E+00
13	.1533E+02	-.4542E+02	.1533E+02	.0000E+00	.0000E+00	.0000E+00
14	.1533E+02	-.4542E+02	.1533E+02	.0000E+00	.0000E+00	.0000E+00
15	.1435E+02	-.4233E+02	.1435E+02	.0000E+00	.0000E+00	.0000E+00
16	.1277E+02	-.3785E+02	.1277E+02	.0000E+00	.0000E+00	.0000E+00
17	.1213E+02	-.3596E+02	.1213E+02	.0000E+00	.0000E+00	.0000E+00
18	.8302E+01	-.2460E+02	.8302E+01	.0000E+00	.0000E+00	.0000E+00
19	.2554E+01	-.7569E+01	.2554E+01	.0000E+00	.0000E+00	.0000E+00
20	.9241E+01	-.2719E+02	.9241E+01	.0000E+00	.0000E+00	.0000E+00
21	.3079E+02	-.9010E+02	.3079E+02	.0000E+00	.0000E+00	.0000E+00
22	.4390E+02	-.1291E+03	.4390E+02	.0000E+00	.0000E+00	.0000E+00
23	.4621E+02	-.1359E+03	.4621E+02	.0000E+00	.0000E+00	.0000E+00
24	.5188E+02	-.1520E+03	.5188E+02	.0000E+00	.0000E+00	.0000E+00
25	.5545E+02	-.1631E+03	.5545E+02	.0000E+00	.0000E+00	.0000E+00
26	.5545E+02	-.1631E+03	.5545E+02	.0000E+00	.0000E+00	.0000E+00
27	.5545E+02	-.1631E+03	.5545E+02	.0000E+00	.0000E+00	.0000E+00
28	.5545E+02	-.1631E+03	.5545E+02	.0000E+00	.0000E+00	.0000E+00
29	.5650E+02	-.1656E+03	.5650E+02	.0000E+00	.0000E+00	.0000E+00
30	.5545E+02	-.1631E+03	.5545E+02	.0000E+00	.0000E+00	.0000E+00
31	.5545E+02	-.1631E+03	.5545E+02	.0000E+00	.0000E+00	.0000E+00
32	.5545E+02	-.1631E+03	.5545E+02	.0000E+00	.0000E+00	.0000E+00
33	.5545E+02	-.1631E+03	.5545E+02	.0000E+00	.0000E+00	.0000E+00
34	.5188E+02	-.1520E+03	.5188E+02	.0000E+00	.0000E+00	.0000E+00
35	.4621E+02	-.1359E+03	.4621E+02	.0000E+00	.0000E+00	.0000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
36	.4390E+02	-.1291E+03	.4390E+02	.0000E+00	.0000E+00	.0000E+00
37	.3079E+02	-.9010E+02	.3079E+02	.0000E+00	.0000E+00	.0000E+00
38	.9241E+01	-.2719E+02	.9241E+01	.0000E+00	.0000E+00	.0000E+00
39	.1277E+02	-.3785E+02	.1277E+02	.0000E+00	.0000E+00	.0000E+00
40	.4301E+02	-.1265E+03	.4301E+02	.0000E+00	.0000E+00	.0000E+00
41	.6067E+02	-.1798E+03	.6067E+02	.0000E+00	.0000E+00	.0000E+00
42	.6386E+02	-.1892E+03	.6386E+02	.0000E+00	.0000E+00	.0000E+00
43	.7175E+02	-.2116E+03	.7175E+02	.0000E+00	.0000E+00	.0000E+00
44	.7663E+02	-.2271E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
45	.7663E+02	-.2271E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
46	.7663E+02	-.2271E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
47	.7663E+02	-.2271E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
48	.7814E+02	-.2306E+03	.7814E+02	.0000E+00	.0000E+00	.0000E+00
49	.7663E+02	-.2271E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
50	.7663E+02	-.2271E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
51	.7663E+02	-.2271E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
52	.7663E+02	-.2271E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
53	.7175E+02	-.2116E+03	.7175E+02	.0000E+00	.0000E+00	.0000E+00
54	.6386E+02	-.1892E+03	.6386E+02	.0000E+00	.0000E+00	.0000E+00
55	.6067E+02	-.1798E+03	.6067E+02	.0000E+00	.0000E+00	.0000E+00
56	.4301E+02	-.1265E+03	.4301E+02	.0000E+00	.0000E+00	.0000E+00
57	.1277E+02	-.3785E+02	.1277E+02	.0000E+00	.0000E+00	.0000E+00
58	.1435E+02	-.4233E+02	.1435E+02	.0000E+00	.0000E+00	.0000E+00
59	.4829E+02	-.1414E+03	.4829E+02	.0000E+00	.0000E+00	.0000E+00
60	.6816E+02	-.2011E+03	.6816E+02	.0000E+00	.0000E+00	.0000E+00
61	.7175E+02	-.2116E+03	.7175E+02	.0000E+00	.0000E+00	.0000E+00
62	.7968E+02	-.2345E+03	.7968E+02	.0000E+00	.0000E+00	.0000E+00
63	.8429E+02	-.2498E+03	.8429E+02	.0000E+00	.0000E+00	.0000E+00
64	.8429E+02	-.2498E+03	.8429E+02	.0000E+00	.0000E+00	.0000E+00
65	.8429E+02	-.2498E+03	.8429E+02	.0000E+00	.0000E+00	.0000E+00
66	.8429E+02	-.2498E+03	.8429E+02	.0000E+00	.0000E+00	.0000E+00
67	.8595E+02	-.2536E+03	.8595E+02	.0000E+00	.0000E+00	.0000E+00
68	.8429E+02	-.2498E+03	.8429E+02	.0000E+00	.0000E+00	.0000E+00
69	.8429E+02	-.2498E+03	.8429E+02	.0000E+00	.0000E+00	.0000E+00
70	.8429E+02	-.2498E+03	.8429E+02	.0000E+00	.0000E+00	.0000E+00
71	.8429E+02	-.2498E+03	.8429E+02	.0000E+00	.0000E+00	.0000E+00
72	.7968E+02	-.2345E+03	.7968E+02	.0000E+00	.0000E+00	.0000E+00
73	.7175E+02	-.2116E+03	.7175E+02	.0000E+00	.0000E+00	.0000E+00
74	.6816E+02	-.2011E+03	.6816E+02	.0000E+00	.0000E+00	.0000E+00
75	.4829E+02	-.1414E+03	.4829E+02	.0000E+00	.0000E+00	.0000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

LOAD CASE 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
76	.1435E+02	-.4233E+02	.1435E+02	.0000E+00	.0000E+00	.0000E+00
77	.1533E+02	-.4542E+02	.1533E+02	.0000E+00	.0000E+00	.0000E+00
78	.5162E+02	-.1518E+03	.5162E+02	.0000E+00	.0000E+00	.0000E+00
79	.7280E+02	-.2157E+03	.7280E+02	.0000E+00	.0000E+00	.0000E+00
80	.7663E+02	-.2271E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
81	.8610E+02	-.2540E+03	.8610E+02	.0000E+00	.0000E+00	.0000E+00
82	.9196E+02	-.2725E+03	.9196E+02	.0000E+00	.0000E+00	.0000E+00
83	.9196E+02	-.2725E+03	.9196E+02	.0000E+00	.0000E+00	.0000E+00
84	.9196E+02	-.2725E+03	.9196E+02	.0000E+00	.0000E+00	.0000E+00
85	.9196E+02	-.2725E+03	.9196E+02	.0000E+00	.0000E+00	.0000E+00
86	.9376E+02	-.2767E+03	.9376E+02	.0000E+00	.0000E+00	.0000E+00
87	.9196E+02	-.2725E+03	.9196E+02	.0000E+00	.0000E+00	.0000E+00
88	.9196E+02	-.2725E+03	.9196E+02	.0000E+00	.0000E+00	.0000E+00
89	.9196E+02	-.2725E+03	.9196E+02	.0000E+00	.0000E+00	.0000E+00
90	.9196E+02	-.2725E+03	.9196E+02	.0000E+00	.0000E+00	.0000E+00
91	.8610E+02	-.2540E+03	.8610E+02	.0000E+00	.0000E+00	.0000E+00
92	.7663E+02	-.2271E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
93	.7280E+02	-.2157E+03	.7280E+02	.0000E+00	.0000E+00	.0000E+00
94	.5162E+02	-.1518E+03	.5162E+02	.0000E+00	.0000E+00	.0000E+00
95	.1533E+02	-.4542E+02	.1533E+02	.0000E+00	.0000E+00	.0000E+00
96	.1533E+02	-.4542E+02	.1533E+02	.0000E+00	.0000E+00	.0000E+00
97	.5162E+02	-.1518E+03	.5162E+02	.0000E+00	.0000E+00	.0000E+00
98	.7280E+02	-.2157E+03	.7280E+02	.0000E+00	.0000E+00	.0000E+00
99	.7663E+02	-.2271E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
100	.8610E+02	-.2540E+03	.8610E+02	.0000E+00	.0000E+00	.0000E+00
101	.9196E+02	-.2725E+03	.9196E+02	.0000E+00	.0000E+00	.0000E+00
102	.9196E+02	-.2725E+03	.9196E+02	.0000E+00	.0000E+00	.0000E+00
103	.9196E+02	-.2725E+03	.9196E+02	.0000E+00	.0000E+00	.0000E+00
104	.9196E+02	-.2725E+03	.9196E+02	.0000E+00	.0000E+00	.0000E+00
105	.9376E+02	-.2767E+03	.9376E+02	.0000E+00	.0000E+00	.0000E+00
106	.9196E+02	-.2725E+03	.9196E+02	.0000E+00	.0000E+00	.0000E+00
107	.9196E+02	-.2725E+03	.9196E+02	.0000E+00	.0000E+00	.0000E+00
108	.9196E+02	-.2725E+03	.9196E+02	.0000E+00	.0000E+00	.0000E+00
109	.9196E+02	-.2725E+03	.9196E+02	.0000E+00	.0000E+00	.0000E+00
110	.8610E+02	-.2540E+03	.8610E+02	.0000E+00	.0000E+00	.0000E+00
111	.7663E+02	-.2271E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
112	.7280E+02	-.2157E+03	.7280E+02	.0000E+00	.0000E+00	.0000E+00
113	.5162E+02	-.1518E+03	.5162E+02	.0000E+00	.0000E+00	.0000E+00
114	.1533E+02	-.4542E+02	.1533E+02	.0000E+00	.0000E+00	.0000E+00
115	.1469E+02	-.4352E+02	.1469E+02	.0000E+00	.0000E+00	.0000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
116	.4947E+02	-.1455E+03	.4947E+02	.0000E+00	.0000E+00	.0000E+00
117	.6977E+02	-.2067E+03	.6977E+02	.0000E+00	.0000E+00	.0000E+00
118	.7344E+02	-.2176E+03	.7344E+02	.0000E+00	.0000E+00	.0000E+00
119	.8251E+02	-.2434E+03	.8251E+02	.0000E+00	.0000E+00	.0000E+00
120	.8812E+02	-.2611E+03	.8812E+02	.0000E+00	.0000E+00	.0000E+00
121	.8812E+02	-.2611E+03	.8812E+02	.0000E+00	.0000E+00	.0000E+00
122	.8812E+02	-.2611E+03	.8812E+02	.0000E+00	.0000E+00	.0000E+00
123	.8812E+02	-.2611E+03	.8812E+02	.0000E+00	.0000E+00	.0000E+00
124	.8986E+02	-.2651E+03	.8986E+02	.0000E+00	.0000E+00	.0000E+00
125	.8812E+02	-.2611E+03	.8812E+02	.0000E+00	.0000E+00	.0000E+00
126	.8812E+02	-.2611E+03	.8812E+02	.0000E+00	.0000E+00	.0000E+00
127	.8812E+02	-.2611E+03	.8812E+02	.0000E+00	.0000E+00	.0000E+00
128	.8812E+02	-.2611E+03	.8812E+02	.0000E+00	.0000E+00	.0000E+00
129	.8251E+02	-.2434E+03	.8251E+02	.0000E+00	.0000E+00	.0000E+00
130	.7344E+02	-.2176E+03	.7344E+02	.0000E+00	.0000E+00	.0000E+00
131	.6977E+02	-.2067E+03	.6977E+02	.0000E+00	.0000E+00	.0000E+00
132	.4947E+02	-.1455E+03	.4947E+02	.0000E+00	.0000E+00	.0000E+00
133	.1469E+02	-.4352E+02	.1469E+02	.0000E+00	.0000E+00	.0000E+00
134	.1173E+02	-.3457E+02	.1173E+02	.0000E+00	.0000E+00	.0000E+00
135	.3896E+02	-.1143E+03	.3896E+02	.0000E+00	.0000E+00	.0000E+00
136	.5573E+02	-.1642E+03	.5573E+02	.0000E+00	.0000E+00	.0000E+00
137	.5866E+02	-.1728E+03	.5866E+02	.0000E+00	.0000E+00	.0000E+00
138	.6535E+02	-.1920E+03	.6535E+02	.0000E+00	.0000E+00	.0000E+00
139	.7039E+02	-.2074E+03	.7039E+02	.0000E+00	.0000E+00	.0000E+00
140	.7039E+02	-.2074E+03	.7039E+02	.0000E+00	.0000E+00	.0000E+00
141	.7039E+02	-.2074E+03	.7039E+02	.0000E+00	.0000E+00	.0000E+00
142	.7039E+02	-.2074E+03	.7039E+02	.0000E+00	.0000E+00	.0000E+00
143	.7122E+02	-.2093E+03	.7122E+02	.0000E+00	.0000E+00	.0000E+00
144	.7039E+02	-.2074E+03	.7039E+02	.0000E+00	.0000E+00	.0000E+00
145	.7039E+02	-.2074E+03	.7039E+02	.0000E+00	.0000E+00	.0000E+00
146	.7039E+02	-.2074E+03	.7039E+02	.0000E+00	.0000E+00	.0000E+00
147	.7039E+02	-.2074E+03	.7039E+02	.0000E+00	.0000E+00	.0000E+00
148	.6535E+02	-.1920E+03	.6535E+02	.0000E+00	.0000E+00	.0000E+00
149	.5866E+02	-.1728E+03	.5866E+02	.0000E+00	.0000E+00	.0000E+00
150	.5573E+02	-.1642E+03	.5573E+02	.0000E+00	.0000E+00	.0000E+00
151	.3896E+02	-.1143E+03	.3896E+02	.0000E+00	.0000E+00	.0000E+00
152	.1173E+02	-.3457E+02	.1173E+02	.0000E+00	.0000E+00	.0000E+00
153	.4406E+01	-.1306E+02	.4406E+01	.0000E+00	.0000E+00	.0000E+00
154	.1432E+02	-.4244E+02	.1432E+02	.0000E+00	.0000E+00	.0000E+00
155	.2093E+02	-.6202E+02	.2093E+02	.0000E+00	.0000E+00	.0000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

LOAD CASE 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
156	.2203E+02	-.6529E+02	.2203E+02	.0000E+00	.0000E+00	.0000E+00
157	.2423E+02	-.7182E+02	.2423E+02	.0000E+00	.0000E+00	.0000E+00
158	.2644E+02	-.7834E+02	.2644E+02	.0000E+00	.0000E+00	.0000E+00
159	.2644E+02	-.7834E+02	.2644E+02	.0000E+00	.0000E+00	.0000E+00
160	.2644E+02	-.7834E+02	.2644E+02	.0000E+00	.0000E+00	.0000E+00
161	.2644E+02	-.7834E+02	.2644E+02	.0000E+00	.0000E+00	.0000E+00
162	.2644E+02	-.7834E+02	.2644E+02	.0000E+00	.0000E+00	.0000E+00
163	.2644E+02	-.7834E+02	.2644E+02	.0000E+00	.0000E+00	.0000E+00
164	.2644E+02	-.7834E+02	.2644E+02	.0000E+00	.0000E+00	.0000E+00
165	.2644E+02	-.7834E+02	.2644E+02	.0000E+00	.0000E+00	.0000E+00
166	.2644E+02	-.7834E+02	.2644E+02	.0000E+00	.0000E+00	.0000E+00
167	.2423E+02	-.7182E+02	.2423E+02	.0000E+00	.0000E+00	.0000E+00
168	.2203E+02	-.6529E+02	.2203E+02	.0000E+00	.0000E+00	.0000E+00
169	.2093E+02	-.6202E+02	.2093E+02	.0000E+00	.0000E+00	.0000E+00
170	.1432E+02	-.4244E+02	.1432E+02	.0000E+00	.0000E+00	.0000E+00
171	.4406E+01	-.1306E+02	.4406E+01	.0000E+00	.0000E+00	.0000E+00
172	.6687E+01	-.1962E+02	.6687E+01	.0000E+00	.0000E+00	.0000E+00
173	.2249E+02	-.6550E+02	.2249E+02	.0000E+00	.0000E+00	.0000E+00
174	.3176E+02	-.9319E+02	.3176E+02	.0000E+00	.0000E+00	.0000E+00
175	.3343E+02	-.9810E+02	.3343E+02	.0000E+00	.0000E+00	.0000E+00
176	.3678E+02	-.1079E+03	.3678E+02	.0000E+00	.0000E+00	.0000E+00
177	.4681E+02	-.1373E+03	.4681E+02	.0000E+00	.0000E+00	.0000E+00
178	.5783E+02	-.1696E+03	.5783E+02	.0000E+00	.0000E+00	.0000E+00
179	.2161E+02	-.6306E+02	.2161E+02	.0000E+00	.0000E+00	.0000E+00
180	.1502E+02	-.4348E+02	.1502E+02	.0000E+00	.0000E+00	.0000E+00
181	.1272E+02	-.3664E+02	.1272E+02	.0000E+00	.0000E+00	.0000E+00
182	.1472E+02	-.4278E+02	.1472E+02	.0000E+00	.0000E+00	.0000E+00
183	.2151E+02	-.6283E+02	.2151E+02	.0000E+00	.0000E+00	.0000E+00
184	.4466E+02	-.1309E+03	.4466E+02	.0000E+00	.0000E+00	.0000E+00
185	.3343E+02	-.9810E+02	.3343E+02	.0000E+00	.0000E+00	.0000E+00
186	.4012E+02	-.1177E+03	.4012E+02	.0000E+00	.0000E+00	.0000E+00
187	.3678E+02	-.1079E+03	.3678E+02	.0000E+00	.0000E+00	.0000E+00
188	.3343E+02	-.9810E+02	.3343E+02	.0000E+00	.0000E+00	.0000E+00
189	.3176E+02	-.9319E+02	.3176E+02	.0000E+00	.0000E+00	.0000E+00
190	.2249E+02	-.6550E+02	.2249E+02	.0000E+00	.0000E+00	.0000E+00
191	.6687E+01	-.1962E+02	.6687E+01	.0000E+00	.0000E+00	.0000E+00
192	.1277E+02	-.3785E+02	.1277E+02	.0000E+00	.0000E+00	.0000E+00
193	.4301E+02	-.1265E+03	.4301E+02	.0000E+00	.0000E+00	.0000E+00
194	.6067E+02	-.1798E+03	.6067E+02	.0000E+00	.0000E+00	.0000E+00
195	.6386E+02	-.1892E+03	.6386E+02	.0000E+00	.0000E+00	.0000E+00

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SOLVE DISPLACEMENTS Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
196	.7024E+02	-.2082E+03	.7024E+02	.0000E+00	.0000E+00	.0000E+00
197	.8940E+02	-.2649E+03	.8940E+02	.0000E+00	.0000E+00	.0000E+00
198	.7270E+02	-.2144E+03	.7270E+02	.0000E+00	.0000E+00	.0000E+00
199	.4715E+02	-.1388E+03	.4715E+02	.0000E+00	.0000E+00	.0000E+00
200	.6386E+02	-.1892E+03	.6386E+02	.0000E+00	.0000E+00	.0000E+00
201	.7663E+02	-.2271E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
202	.7024E+02	-.2082E+03	.7024E+02	.0000E+00	.0000E+00	.0000E+00
203	.6386E+02	-.1892E+03	.6386E+02	.0000E+00	.0000E+00	.0000E+00
204	.6067E+02	-.1798E+03	.6067E+02	.0000E+00	.0000E+00	.0000E+00
205	.4301E+02	-.1265E+03	.4301E+02	.0000E+00	.0000E+00	.0000E+00
206	.1277E+02	-.3785E+02	.1277E+02	.0000E+00	.0000E+00	.0000E+00
207	.1277E+02	-.3785E+02	.1277E+02	.0000E+00	.0000E+00	.0000E+00
208	.4301E+02	-.1265E+03	.4301E+02	.0000E+00	.0000E+00	.0000E+00
209	.6067E+02	-.1798E+03	.6067E+02	.0000E+00	.0000E+00	.0000E+00
210	.6386E+02	-.1892E+03	.6386E+02	.0000E+00	.0000E+00	.0000E+00
211	.7024E+02	-.2082E+03	.7024E+02	.0000E+00	.0000E+00	.0000E+00
212	.8940E+02	-.2649E+03	.8940E+02	.0000E+00	.0000E+00	.0000E+00
213	.6601E+02	-.1946E+03	.6601E+02	.0000E+00	.0000E+00	.0000E+00
214	.4047E+02	-.1189E+03	.4047E+02	.0000E+00	.0000E+00	.0000E+00
215	.6386E+02	-.1892E+03	.6386E+02	.0000E+00	.0000E+00	.0000E+00
216	.7663E+02	-.2271E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
217	.7024E+02	-.2082E+03	.7024E+02	.0000E+00	.0000E+00	.0000E+00
218	.6386E+02	-.1892E+03	.6386E+02	.0000E+00	.0000E+00	.0000E+00
219	.6067E+02	-.1798E+03	.6067E+02	.0000E+00	.0000E+00	.0000E+00
220	.4301E+02	-.1265E+03	.4301E+02	.0000E+00	.0000E+00	.0000E+00
221	.1277E+02	-.3785E+02	.1277E+02	.0000E+00	.0000E+00	.0000E+00
222	.1277E+02	-.3785E+02	.1277E+02	.0000E+00	.0000E+00	.0000E+00
223	.4301E+02	-.1265E+03	.4301E+02	.0000E+00	.0000E+00	.0000E+00
224	.6067E+02	-.1798E+03	.6067E+02	.0000E+00	.0000E+00	.0000E+00
225	.6386E+02	-.1892E+03	.6386E+02	.0000E+00	.0000E+00	.0000E+00
226	.7024E+02	-.2082E+03	.7024E+02	.0000E+00	.0000E+00	.0000E+00
227	.8940E+02	-.2649E+03	.8940E+02	.0000E+00	.0000E+00	.0000E+00
228	.6371E+02	-.1878E+03	.6371E+02	.0000E+00	.0000E+00	.0000E+00
229	.3816E+02	-.1121E+03	.3816E+02	.0000E+00	.0000E+00	.0000E+00
230	.6386E+02	-.1892E+03	.6386E+02	.0000E+00	.0000E+00	.0000E+00
231	.7663E+02	-.2271E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
232	.7024E+02	-.2082E+03	.7024E+02	.0000E+00	.0000E+00	.0000E+00
233	.6386E+02	-.1892E+03	.6386E+02	.0000E+00	.0000E+00	.0000E+00
234	.6067E+02	-.1798E+03	.6067E+02	.0000E+00	.0000E+00	.0000E+00
235	.4301E+02	-.1265E+03	.4301E+02	.0000E+00	.0000E+00	.0000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

LOAD CASE 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
236	.1277E+02	-.3785E+02	.1277E+02	.0000E+00	.0000E+00	.0000E+00
237	.1277E+02	-.3785E+02	.1277E+02	.0000E+00	.0000E+00	.0000E+00
238	.4301E+02	-.1265E+03	.4301E+02	.0000E+00	.0000E+00	.0000E+00
239	.6067E+02	-.1798E+03	.6067E+02	.0000E+00	.0000E+00	.0000E+00
240	.6386E+02	-.1892E+03	.6386E+02	.0000E+00	.0000E+00	.0000E+00
241	.7024E+02	-.2082E+03	.7024E+02	.0000E+00	.0000E+00	.0000E+00
242	.8940E+02	-.2649E+03	.8940E+02	.0000E+00	.0000E+00	.0000E+00
243	.6601E+02	-.1946E+03	.6601E+02	.0000E+00	.0000E+00	.0000E+00
244	.4047E+02	-.1189E+03	.4047E+02	.0000E+00	.0000E+00	.0000E+00
245	.6386E+02	-.1892E+03	.6386E+02	.0000E+00	.0000E+00	.0000E+00
246	.7663E+02	-.2271E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
247	.7024E+02	-.2082E+03	.7024E+02	.0000E+00	.0000E+00	.0000E+00
248	.6386E+02	-.1892E+03	.6386E+02	.0000E+00	.0000E+00	.0000E+00
249	.6067E+02	-.1798E+03	.6067E+02	.0000E+00	.0000E+00	.0000E+00
250	.4301E+02	-.1265E+03	.4301E+02	.0000E+00	.0000E+00	.0000E+00
251	.1277E+02	-.3785E+02	.1277E+02	.0000E+00	.0000E+00	.0000E+00
252	.1277E+02	-.3785E+02	.1277E+02	.0000E+00	.0000E+00	.0000E+00
253	.4301E+02	-.1265E+03	.4301E+02	.0000E+00	.0000E+00	.0000E+00
254	.6067E+02	-.1798E+03	.6067E+02	.0000E+00	.0000E+00	.0000E+00
255	.6386E+02	-.1892E+03	.6386E+02	.0000E+00	.0000E+00	.0000E+00
256	.7024E+02	-.2082E+03	.7024E+02	.0000E+00	.0000E+00	.0000E+00
257	.8940E+02	-.2649E+03	.8940E+02	.0000E+00	.0000E+00	.0000E+00
258	.7270E+02	-.2144E+03	.7270E+02	.0000E+00	.0000E+00	.0000E+00
259	.4715E+02	-.1388E+03	.4715E+02	.0000E+00	.0000E+00	.0000E+00
260	.6386E+02	-.1892E+03	.6386E+02	.0000E+00	.0000E+00	.0000E+00
261	.7663E+02	-.2271E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
262	.7024E+02	-.2082E+03	.7024E+02	.0000E+00	.0000E+00	.0000E+00
263	.6386E+02	-.1892E+03	.6386E+02	.0000E+00	.0000E+00	.0000E+00
264	.6067E+02	-.1798E+03	.6067E+02	.0000E+00	.0000E+00	.0000E+00
265	.4301E+02	-.1265E+03	.4301E+02	.0000E+00	.0000E+00	.0000E+00
266	.1277E+02	-.3785E+02	.1277E+02	.0000E+00	.0000E+00	.0000E+00
267	.6687E+01	-.1962E+02	.6687E+01	.0000E+00	.0000E+00	.0000E+00
268	.2249E+02	-.6550E+02	.2249E+02	.0000E+00	.0000E+00	.0000E+00
269	.3176E+02	-.9319E+02	.3176E+02	.0000E+00	.0000E+00	.0000E+00
270	.3343E+02	-.9810E+02	.3343E+02	.0000E+00	.0000E+00	.0000E+00
271	.3678E+02	-.1079E+03	.3678E+02	.0000E+00	.0000E+00	.0000E+00
272	.4681E+02	-.1373E+03	.4681E+02	.0000E+00	.0000E+00	.0000E+00
273	.5783E+02	-.1696E+03	.5783E+02	.0000E+00	.0000E+00	.0000E+00
274	.2161E+02	-.6306E+02	.2161E+02	.0000E+00	.0000E+00	.0000E+00
275	.1502E+02	-.4348E+02	.1502E+02	.0000E+00	.0000E+00	.0000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1

DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
276	.1272E+02	-.3664E+02	.1272E+02	.0000E+00	.0000E+00	.0000E+00
277	.1502E+02	-.4348E+02	.1502E+02	.0000E+00	.0000E+00	.0000E+00
278	.2151E+02	-.6283E+02	.2151E+02	.0000E+00	.0000E+00	.0000E+00
279	.4415E+02	-.1297E+03	.4415E+02	.0000E+00	.0000E+00	.0000E+00
280	.3343E+02	-.9810E+02	.3343E+02	.0000E+00	.0000E+00	.0000E+00
281	.4032E+02	-.1182E+03	.4032E+02	.0000E+00	.0000E+00	.0000E+00
282	.3678E+02	-.1079E+03	.3678E+02	.0000E+00	.0000E+00	.0000E+00
283	.3343E+02	-.9810E+02	.3343E+02	.0000E+00	.0000E+00	.0000E+00
284	.3176E+02	-.9319E+02	.3176E+02	.0000E+00	.0000E+00	.0000E+00
285	.2249E+02	-.6550E+02	.2249E+02	.0000E+00	.0000E+00	.0000E+00
286	.6687E+01	-.1962E+02	.6687E+01	.0000E+00	.0000E+00	.0000E+00
287	.4406E+01	-.1018E+02	.4406E+01	.0000E+00	.0000E+00	.0000E+00
288	.1432E+02	-.3309E+02	.1432E+02	.0000E+00	.0000E+00	.0000E+00
289	.2093E+02	-.4837E+02	.2093E+02	.0000E+00	.0000E+00	.0000E+00
290	.2203E+02	-.5091E+02	.2203E+02	.0000E+00	.0000E+00	.0000E+00
291	.2423E+02	-.5600E+02	.2423E+02	.0000E+00	.0000E+00	.0000E+00
292	.2644E+02	-.6109E+02	.2644E+02	.0000E+00	.0000E+00	.0000E+00
293	.2644E+02	-.6109E+02	.2644E+02	.0000E+00	.0000E+00	.0000E+00
294	.2313E+02	-.5346E+02	.2313E+02	.0000E+00	.0000E+00	.0000E+00
295	.2644E+02	-.6109E+02	.2644E+02	.0000E+00	.0000E+00	.0000E+00
296	.3305E+02	-.7637E+02	.3305E+02	.0000E+00	.0000E+00	.0000E+00
297	.2644E+02	-.6109E+02	.2644E+02	.0000E+00	.0000E+00	.0000E+00
298	.2313E+02	-.5346E+02	.2313E+02	.0000E+00	.0000E+00	.0000E+00
299	.2644E+02	-.6109E+02	.2644E+02	.0000E+00	.0000E+00	.0000E+00
300	.2644E+02	-.6109E+02	.2644E+02	.0000E+00	.0000E+00	.0000E+00
301	.2423E+02	-.5600E+02	.2423E+02	.0000E+00	.0000E+00	.0000E+00
302	.2203E+02	-.5091E+02	.2203E+02	.0000E+00	.0000E+00	.0000E+00
303	.2093E+02	-.4837E+02	.2093E+02	.0000E+00	.0000E+00	.0000E+00
304	.1432E+02	-.3309E+02	.1432E+02	.0000E+00	.0000E+00	.0000E+00
305	.4406E+01	-.1018E+02	.4406E+01	.0000E+00	.0000E+00	.0000E+00
306	.1173E+02	-.2711E+02	.1173E+02	.0000E+00	.0000E+00	.0000E+00
307	.3896E+02	-.9002E+02	.3896E+02	.0000E+00	.0000E+00	.0000E+00
308	.5573E+02	-.1288E+03	.5573E+02	.0000E+00	.0000E+00	.0000E+00
309	.5866E+02	-.1356E+03	.5866E+02	.0000E+00	.0000E+00	.0000E+00
310	.6535E+02	-.1510E+03	.6535E+02	.0000E+00	.0000E+00	.0000E+00
311	.7039E+02	-.1627E+03	.7039E+02	.0000E+00	.0000E+00	.0000E+00
312	.7039E+02	-.1627E+03	.7039E+02	.0000E+00	.0000E+00	.0000E+00
313	.6159E+02	-.1423E+03	.6159E+02	.0000E+00	.0000E+00	.0000E+00
314	.7122E+02	-.1646E+03	.7122E+02	.0000E+00	.0000E+00	.0000E+00
315	.8799E+02	-.2033E+03	.8799E+02	.0000E+00	.0000E+00	.0000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
316	.7122E+02	-.1646E+03	.7122E+02	.0000E+00	.0000E+00	.0000E+00
317	.6159E+02	-.1423E+03	.6159E+02	.0000E+00	.0000E+00	.0000E+00
318	.7039E+02	-.1627E+03	.7039E+02	.0000E+00	.0000E+00	.0000E+00
319	.7039E+02	-.1627E+03	.7039E+02	.0000E+00	.0000E+00	.0000E+00
320	.6535E+02	-.1510E+03	.6535E+02	.0000E+00	.0000E+00	.0000E+00
321	.5866E+02	-.1356E+03	.5866E+02	.0000E+00	.0000E+00	.0000E+00
322	.5573E+02	-.1288E+03	.5573E+02	.0000E+00	.0000E+00	.0000E+00
323	.3896E+02	-.9002E+02	.3896E+02	.0000E+00	.0000E+00	.0000E+00
324	.1173E+02	-.2711E+02	.1173E+02	.0000E+00	.0000E+00	.0000E+00
325	.1469E+02	-.3394E+02	.1469E+02	.0000E+00	.0000E+00	.0000E+00
326	.4947E+02	-.1143E+03	.4947E+02	.0000E+00	.0000E+00	.0000E+00
327	.6977E+02	-.1612E+03	.6977E+02	.0000E+00	.0000E+00	.0000E+00
328	.7344E+02	-.1697E+03	.7344E+02	.0000E+00	.0000E+00	.0000E+00
329	.8251E+02	-.1907E+03	.8251E+02	.0000E+00	.0000E+00	.0000E+00
330	.8812E+02	-.2036E+03	.8812E+02	.0000E+00	.0000E+00	.0000E+00
331	.8812E+02	-.2036E+03	.8812E+02	.0000E+00	.0000E+00	.0000E+00
332	.7711E+02	-.1782E+03	.7711E+02	.0000E+00	.0000E+00	.0000E+00
333	.8986E+02	-.2076E+03	.8986E+02	.0000E+00	.0000E+00	.0000E+00
334	.1102E+03	-.2546E+03	.1102E+03	.0000E+00	.0000E+00	.0000E+00
335	.8986E+02	-.2076E+03	.8986E+02	.0000E+00	.0000E+00	.0000E+00
336	.7711E+02	-.1782E+03	.7711E+02	.0000E+00	.0000E+00	.0000E+00
337	.8812E+02	-.2036E+03	.8812E+02	.0000E+00	.0000E+00	.0000E+00
338	.8812E+02	-.2036E+03	.8812E+02	.0000E+00	.0000E+00	.0000E+00
339	.8251E+02	-.1907E+03	.8251E+02	.0000E+00	.0000E+00	.0000E+00
340	.7344E+02	-.1697E+03	.7344E+02	.0000E+00	.0000E+00	.0000E+00
341	.6977E+02	-.1612E+03	.6977E+02	.0000E+00	.0000E+00	.0000E+00
342	.4947E+02	-.1143E+03	.4947E+02	.0000E+00	.0000E+00	.0000E+00
343	.1469E+02	-.3394E+02	.1469E+02	.0000E+00	.0000E+00	.0000E+00
344	.1533E+02	-.3542E+02	.1533E+02	.0000E+00	.0000E+00	.0000E+00
345	.5162E+02	-.1193E+03	.5162E+02	.0000E+00	.0000E+00	.0000E+00
346	.7280E+02	-.1682E+03	.7280E+02	.0000E+00	.0000E+00	.0000E+00
347	.7663E+02	-.1771E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
348	.8610E+02	-.1990E+03	.8610E+02	.0000E+00	.0000E+00	.0000E+00
349	.9196E+02	-.2125E+03	.9196E+02	.0000E+00	.0000E+00	.0000E+00
350	.9196E+02	-.2125E+03	.9196E+02	.0000E+00	.0000E+00	.0000E+00
351	.8046E+02	-.1859E+03	.8046E+02	.0000E+00	.0000E+00	.0000E+00
352	.9376E+02	-.2167E+03	.9376E+02	.0000E+00	.0000E+00	.0000E+00
353	.1149E+03	-.2656E+03	.1149E+03	.0000E+00	.0000E+00	.0000E+00
354	.9376E+02	-.2167E+03	.9376E+02	.0000E+00	.0000E+00	.0000E+00
355	.8046E+02	-.1859E+03	.8046E+02	.0000E+00	.0000E+00	.0000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
356	.9196E+02	-.2125E+03	.9196E+02	.0000E+00	.0000E+00	.0000E+00
357	.9196E+02	-.2125E+03	.9196E+02	.0000E+00	.0000E+00	.0000E+00
358	.8610E+02	-.1990E+03	.8610E+02	.0000E+00	.0000E+00	.0000E+00
359	.7663E+02	-.1771E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
360	.7280E+02	-.1682E+03	.7280E+02	.0000E+00	.0000E+00	.0000E+00
361	.5162E+02	-.1193E+03	.5162E+02	.0000E+00	.0000E+00	.0000E+00
362	.1533E+02	-.3542E+02	.1533E+02	.0000E+00	.0000E+00	.0000E+00
363	.1533E+02	-.3542E+02	.1533E+02	.0000E+00	.0000E+00	.0000E+00
364	.5162E+02	-.1193E+03	.5162E+02	.0000E+00	.0000E+00	.0000E+00
365	.7280E+02	-.1682E+03	.7280E+02	.0000E+00	.0000E+00	.0000E+00
366	.7663E+02	-.1771E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
367	.8610E+02	-.1990E+03	.8610E+02	.0000E+00	.0000E+00	.0000E+00
368	.9196E+02	-.2125E+03	.9196E+02	.0000E+00	.0000E+00	.0000E+00
369	.9196E+02	-.2125E+03	.9196E+02	.0000E+00	.0000E+00	.0000E+00
370	.8046E+02	-.1859E+03	.8046E+02	.0000E+00	.0000E+00	.0000E+00
371	.9376E+02	-.2167E+03	.9376E+02	.0000E+00	.0000E+00	.0000E+00
372	.1149E+03	-.2656E+03	.1149E+03	.0000E+00	.0000E+00	.0000E+00
373	.9376E+02	-.2167E+03	.9376E+02	.0000E+00	.0000E+00	.0000E+00
374	.8046E+02	-.1859E+03	.8046E+02	.0000E+00	.0000E+00	.0000E+00
375	.9196E+02	-.2125E+03	.9196E+02	.0000E+00	.0000E+00	.0000E+00
376	.9196E+02	-.2125E+03	.9196E+02	.0000E+00	.0000E+00	.0000E+00
377	.8610E+02	-.1990E+03	.8610E+02	.0000E+00	.0000E+00	.0000E+00
378	.7663E+02	-.1771E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
379	.7280E+02	-.1682E+03	.7280E+02	.0000E+00	.0000E+00	.0000E+00
380	.5162E+02	-.1193E+03	.5162E+02	.0000E+00	.0000E+00	.0000E+00
381	.1533E+02	-.3542E+02	.1533E+02	.0000E+00	.0000E+00	.0000E+00
382	.1435E+02	-.3316E+02	.1435E+02	.0000E+00	.0000E+00	.0000E+00
383	.4829E+02	-.1116E+03	.4829E+02	.0000E+00	.0000E+00	.0000E+00
384	.6816E+02	-.1575E+03	.6816E+02	.0000E+00	.0000E+00	.0000E+00
385	.7175E+02	-.1658E+03	.7175E+02	.0000E+00	.0000E+00	.0000E+00
386	.7968E+02	-.1841E+03	.7968E+02	.0000E+00	.0000E+00	.0000E+00
387	.8429E+02	-.1948E+03	.8429E+02	.0000E+00	.0000E+00	.0000E+00
388	.8429E+02	-.1948E+03	.8429E+02	.0000E+00	.0000E+00	.0000E+00
389	.7376E+02	-.1704E+03	.7376E+02	.0000E+00	.0000E+00	.0000E+00
390	.8595E+02	-.1986E+03	.8595E+02	.0000E+00	.0000E+00	.0000E+00
391	.1054E+03	-.2435E+03	.1054E+03	.0000E+00	.0000E+00	.0000E+00
392	.8595E+02	-.1986E+03	.8595E+02	.0000E+00	.0000E+00	.0000E+00
393	.7376E+02	-.1704E+03	.7376E+02	.0000E+00	.0000E+00	.0000E+00
394	.8429E+02	-.1948E+03	.8429E+02	.0000E+00	.0000E+00	.0000E+00
395	.8429E+02	-.1948E+03	.8429E+02	.0000E+00	.0000E+00	.0000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
396	.7968E+02	-.1841E+03	.7968E+02	.0000E+00	.0000E+00	.0000E+00
397	.7175E+02	-.1658E+03	.7175E+02	.0000E+00	.0000E+00	.0000E+00
398	.6816E+02	-.1575E+03	.6816E+02	.0000E+00	.0000E+00	.0000E+00
399	.4829E+02	-.1116E+03	.4829E+02	.0000E+00	.0000E+00	.0000E+00
400	.1435E+02	-.3316E+02	.1435E+02	.0000E+00	.0000E+00	.0000E+00
401	.1277E+02	-.2951E+02	.1277E+02	.0000E+00	.0000E+00	.0000E+00
402	.4301E+02	-.9940E+02	.4301E+02	.0000E+00	.0000E+00	.0000E+00
403	.6067E+02	-.1402E+03	.6067E+02	.0000E+00	.0000E+00	.0000E+00
404	.6386E+02	-.1476E+03	.6386E+02	.0000E+00	.0000E+00	.0000E+00
405	.7175E+02	-.1658E+03	.7175E+02	.0000E+00	.0000E+00	.0000E+00
406	.7663E+02	-.1771E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
407	.7663E+02	-.1771E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
408	.6705E+02	-.1549E+03	.6705E+02	.0000E+00	.0000E+00	.0000E+00
409	.7814E+02	-.1806E+03	.7814E+02	.0000E+00	.0000E+00	.0000E+00
410	.9579E+02	-.2214E+03	.9579E+02	.0000E+00	.0000E+00	.0000E+00
411	.7814E+02	-.1806E+03	.7814E+02	.0000E+00	.0000E+00	.0000E+00
412	.6705E+02	-.1549E+03	.6705E+02	.0000E+00	.0000E+00	.0000E+00
413	.7663E+02	-.1771E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
414	.7663E+02	-.1771E+03	.7663E+02	.0000E+00	.0000E+00	.0000E+00
415	.7175E+02	-.1658E+03	.7175E+02	.0000E+00	.0000E+00	.0000E+00
416	.6386E+02	-.1476E+03	.6386E+02	.0000E+00	.0000E+00	.0000E+00
417	.6067E+02	-.1402E+03	.6067E+02	.0000E+00	.0000E+00	.0000E+00
418	.4301E+02	-.9940E+02	.4301E+02	.0000E+00	.0000E+00	.0000E+00
419	.1277E+02	-.2951E+02	.1277E+02	.0000E+00	.0000E+00	.0000E+00
420	.9241E+01	-.2136E+02	.9241E+01	.0000E+00	.0000E+00	.0000E+00
421	.3079E+02	-.7114E+02	.3079E+02	.0000E+00	.0000E+00	.0000E+00
422	.4390E+02	-.1014E+03	.4390E+02	.0000E+00	.0000E+00	.0000E+00
423	.4621E+02	-.1068E+03	.4621E+02	.0000E+00	.0000E+00	.0000E+00
424	.5188E+02	-.1199E+03	.5188E+02	.0000E+00	.0000E+00	.0000E+00
425	.5545E+02	-.1281E+03	.5545E+02	.0000E+00	.0000E+00	.0000E+00
426	.5545E+02	-.1281E+03	.5545E+02	.0000E+00	.0000E+00	.0000E+00
427	.4852E+02	-.1121E+03	.4852E+02	.0000E+00	.0000E+00	.0000E+00
428	.5650E+02	-.1306E+03	.5650E+02	.0000E+00	.0000E+00	.0000E+00
429	.6931E+02	-.1602E+03	.6931E+02	.0000E+00	.0000E+00	.0000E+00
430	.5650E+02	-.1306E+03	.5650E+02	.0000E+00	.0000E+00	.0000E+00
431	.4852E+02	-.1121E+03	.4852E+02	.0000E+00	.0000E+00	.0000E+00
432	.5545E+02	-.1281E+03	.5545E+02	.0000E+00	.0000E+00	.0000E+00
433	.5545E+02	-.1281E+03	.5545E+02	.0000E+00	.0000E+00	.0000E+00
434	.5188E+02	-.1199E+03	.5188E+02	.0000E+00	.0000E+00	.0000E+00
435	.4621E+02	-.1068E+03	.4621E+02	.0000E+00	.0000E+00	.0000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
436	.4390E+02	-.1014E+03	.4390E+02	.0000E+00	.0000E+00	.0000E+00
437	.3079E+02	-.7114E+02	.3079E+02	.0000E+00	.0000E+00	.0000E+00
438	.9241E+01	-.2136E+02	.9241E+01	.0000E+00	.0000E+00	.0000E+00
439	.2554E+01	-.5903E+01	.2554E+01	.0000E+00	.0000E+00	.0000E+00
440	.8302E+01	-.1918E+02	.8302E+01	.0000E+00	.0000E+00	.0000E+00
441	.1213E+02	-.2804E+02	.1213E+02	.0000E+00	.0000E+00	.0000E+00
442	.1277E+02	-.2951E+02	.1277E+02	.0000E+00	.0000E+00	.0000E+00
443	.1435E+02	-.3316E+02	.1435E+02	.0000E+00	.0000E+00	.0000E+00
444	.1533E+02	-.3542E+02	.1533E+02	.0000E+00	.0000E+00	.0000E+00
445	.1533E+02	-.3542E+02	.1533E+02	.0000E+00	.0000E+00	.0000E+00
446	.1341E+02	-.3099E+02	.1341E+02	.0000E+00	.0000E+00	.0000E+00
447	.1563E+02	-.3611E+02	.1563E+02	.0000E+00	.0000E+00	.0000E+00
448	.1916E+02	-.4427E+02	.1916E+02	.0000E+00	.0000E+00	.0000E+00
449	.1563E+02	-.3611E+02	.1563E+02	.0000E+00	.0000E+00	.0000E+00
450	.1341E+02	-.3099E+02	.1341E+02	.0000E+00	.0000E+00	.0000E+00
451	.1533E+02	-.3542E+02	.1533E+02	.0000E+00	.0000E+00	.0000E+00
452	.1533E+02	-.3542E+02	.1533E+02	.0000E+00	.0000E+00	.0000E+00
453	.1435E+02	-.3316E+02	.1435E+02	.0000E+00	.0000E+00	.0000E+00
454	.1277E+02	-.2951E+02	.1277E+02	.0000E+00	.0000E+00	.0000E+00
455	.1213E+02	-.2804E+02	.1213E+02	.0000E+00	.0000E+00	.0000E+00
456	.8302E+01	-.1918E+02	.8302E+01	.0000E+00	.0000E+00	.0000E+00
457	.2554E+01	-.5903E+01	.2554E+01	.0000E+00	.0000E+00	.0000E+00
458	.3319E+02	-.8402E+02	.3319E+02	.0000E+00	.5421E-06	.0000E+00
459	.2783E+02	-.7194E+02	.2783E+02	.0000E+00	.7083E-06	.0000E+00
460	.3183E+02	-.8549E+02	.3183E+02	.0000E+00	.0000E+00	.0000E+00
461	.4607E+02	-.1258E+03	.4607E+02	.0000E+00	.7667E-06	.0000E+00
462	.3183E+02	-.8549E+02	.3183E+02	.0000E+00	.0000E+00	.0000E+00
463	.2783E+02	-.7194E+02	.2783E+02	.0000E+00	.7083E-06	.0000E+00
464	.3319E+02	-.8402E+02	.3319E+02	.0000E+00	.5421E-06	.0000E+00
465	.2783E+02	-.7194E+02	.2783E+02	.0000E+00	.2934E-06	.0000E+00
466	.3183E+02	-.8549E+02	.3183E+02	.0000E+00	.0000E+00	.0000E+00
467	.4607E+02	-.1258E+03	.4607E+02	.0000E+00	-.1973E-11	.0000E+00
468	.3183E+02	-.8549E+02	.3183E+02	.0000E+00	.0000E+00	.0000E+00
469	.2783E+02	-.7194E+02	.2783E+02	.0000E+00	-.2934E-06	.0000E+00
470	.3319E+02	-.8402E+02	.3319E+02	.0000E+00	-.5421E-06	.0000E+00
471	.2783E+02	-.7194E+02	.2783E+02	.0000E+00	-.7083E-06	.0000E+00
472	.3183E+02	-.8549E+02	.3183E+02	.0000E+00	.0000E+00	.0000E+00
473	.4607E+02	-.1258E+03	.4607E+02	.0000E+00	-.7667E-06	.0000E+00
474	.3183E+02	-.8549E+02	.3183E+02	.0000E+00	.0000E+00	.0000E+00
475	.2783E+02	-.7194E+02	.2783E+02	.0000E+00	-.7083E-06	.0000E+00

IMAGES 3D

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

LOAD CASE 1

DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
476	.3319E+02	-.8402E+02	.3319E+02	.0000E+00	-.5421E-06	.0000E+00
477	.2783E+02	-.7194E+02	.2783E+02	.0000E+00	-.2934E-06	.0000E+00
478	.3183E+02	-.8549E+02	.3183E+02	.0000E+00	.0000E+00	.0000E+00
479	.4607E+02	-.1258E+03	.4607E+02	.0000E+00	.1518E-12	.0000E+00
480	.3183E+02	-.8549E+02	.3183E+02	.0000E+00	.0000E+00	.0000E+00
481	.2783E+02	-.7194E+02	.2783E+02	.0000E+00	.2934E-06	.0000E+00
482	.1721E+02	-.3977E+02	.1721E+02	.0000E+00	.0000E+00	.0000E+00
483	.1436E+02	-.3319E+02	.1436E+02	.0000E+00	.0000E+00	.0000E+00
484	.1321E+02	-.3053E+02	.1321E+02	.0000E+00	.0000E+00	.0000E+00
485	.1466E+02	-.3388E+02	.1466E+02	.0000E+00	.0000E+00	.0000E+00
486	.1321E+02	-.3053E+02	.1321E+02	.0000E+00	.0000E+00	.0000E+00
487	.1436E+02	-.3319E+02	.1436E+02	.0000E+00	.0000E+00	.0000E+00
488	.1721E+02	-.3977E+02	.1721E+02	.0000E+00	.0000E+00	.0000E+00
489	.1436E+02	-.3319E+02	.1436E+02	.0000E+00	.0000E+00	.0000E+00
490	.1321E+02	-.3053E+02	.1321E+02	.0000E+00	.0000E+00	.0000E+00
491	.1466E+02	-.3388E+02	.1466E+02	.0000E+00	.0000E+00	.0000E+00
492	.1321E+02	-.3053E+02	.1321E+02	.0000E+00	.0000E+00	.0000E+00
493	.1436E+02	-.3319E+02	.1436E+02	.0000E+00	.0000E+00	.0000E+00
494	.1721E+02	-.3977E+02	.1721E+02	.0000E+00	.0000E+00	.0000E+00
495	.1436E+02	-.3319E+02	.1436E+02	.0000E+00	.0000E+00	.0000E+00
496	.1321E+02	-.3053E+02	.1321E+02	.0000E+00	.0000E+00	.0000E+00
497	.1466E+02	-.3388E+02	.1466E+02	.0000E+00	.0000E+00	.0000E+00
498	.1321E+02	-.3053E+02	.1321E+02	.0000E+00	.0000E+00	.0000E+00
499	.1436E+02	-.3319E+02	.1436E+02	.0000E+00	.0000E+00	.0000E+00
500	.1721E+02	-.3977E+02	.1721E+02	.0000E+00	.0000E+00	.0000E+00
501	.1436E+02	-.3319E+02	.1436E+02	.0000E+00	.0000E+00	.0000E+00
502	.1321E+02	-.3053E+02	.1321E+02	.0000E+00	.0000E+00	.0000E+00
503	.1466E+02	-.3388E+02	.1466E+02	.0000E+00	.0000E+00	.0000E+00
504	.1321E+02	-.3053E+02	.1321E+02	.0000E+00	.0000E+00	.0000E+00
505	.1436E+02	-.3319E+02	.1436E+02	.0000E+00	.0000E+00	.0000E+00
506	.1454E+02	-.3361E+02	.1454E+02	-.1481E+02	.6831E-01	.1496E+02
507	.7923E+01	-.1831E+02	.7923E+01	.0000E+00	.7622E+00	.1761E+01
508	.2308E+02	-.5333E+02	.2308E+02	-.4130E+02	-.2747E+02	-.2219E+02
509	.1827E+02	-.4222E+02	.1827E+02	.0000E+00	-.2806E+01	-.6485E+01
510	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
511	.3173E+02	-.7332E+02	.3173E+02	-.4130E+02	-.2437E+02	-.1502E+02
512	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
513	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
514	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
515	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
516	.3365E+02	-.7777E+02	.3365E+02	-.4130E+02	-.1787E+02	.0000E+00
517	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
518	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
519	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
520	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
521	.3173E+02	-.7332E+02	.3173E+02	-.4130E+02	-.1137E+02	.1502E+02
522	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
523	.1827E+02	-.4222E+02	.1827E+02	.0000E+00	.2806E+01	.6485E+01
524	.2308E+02	-.5333E+02	.2308E+02	-.4130E+02	-.8272E+01	.2219E+02
525	.7923E+01	-.1831E+02	.7923E+01	.0000E+00	-.7622E+00	-.1761E+01
526	.1454E+02	-.3361E+02	.1454E+02	-.1481E+02	-.6830E-01	.1465E+02
527	.1454E+02	-.3361E+02	.1454E+02	-.1481E+02	.6831E-01	.1496E+02
528	.7923E+01	-.1831E+02	.7923E+01	.0000E+00	.7622E+00	.1761E+01
529	.2211E+02	-.5110E+02	.2211E+02	.3413E+02	.5170E+01	-.2219E+02
530	.1827E+02	-.4222E+02	.1827E+02	.0000E+00	-.2806E+01	-.6485E+01
531	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
532	.2115E+02	-.4888E+02	.2115E+02	.0000E+00	-.6499E+01	-.1502E+02
533	.2692E+02	-.6221E+02	.2692E+02	.0000E+00	-.1654E+02	-.3823E+02
534	.3274E+02	-.7566E+02	.3274E+02	.3413E+02	.4313E+02	.6553E+02
535	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	-.1182E+02	-.2731E+02
536	.2298E+02	-.5309E+02	.2298E+02	.0000E+00	.0000E+00	.0000E+00
537	.2298E+02	-.5309E+02	.2298E+02	.0000E+00	.0000E+00	.0000E+00
538	.2722E+02	-.6291E+02	.2722E+02	.0000E+00	-.1654E+02	-.3823E+02
539	.3254E+02	-.7520E+02	.3254E+02	.3413E+02	.4313E+02	.6553E+02
540	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	-.1182E+02	-.2731E+02
541	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
542	.2115E+02	-.4888E+02	.2115E+02	.0000E+00	.6499E+01	.1502E+02
543	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
544	.1827E+02	-.4222E+02	.1827E+02	.0000E+00	.2806E+01	.6485E+01
545	.2211E+02	-.5110E+02	.2211E+02	.3413E+02	.2437E+02	.2219E+02
546	.7923E+01	-.1831E+02	.7923E+01	.0000E+00	-.7622E+00	-.1761E+01
547	.1454E+02	-.3361E+02	.1454E+02	-.1481E+02	-.6830E-01	.1465E+02
548	.1454E+02	-.3361E+02	.1454E+02	-.1481E+02	.6831E-01	.1496E+02
549	.7923E+01	-.1831E+02	.7923E+01	.0000E+00	.7622E+00	.1761E+01
550	.2211E+02	-.5110E+02	.2211E+02	-.3413E+02	-.2437E+02	-.2219E+02
551	.1827E+02	-.4222E+02	.1827E+02	.0000E+00	-.2806E+01	-.6485E+01
552	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
553	.2115E+02	-.4888E+02	.2115E+02	.0000E+00	-.6499E+01	-.1502E+02
554	.2692E+02	-.6221E+02	.2692E+02	.0000E+00	-.1654E+02	-.3823E+02
555	.3274E+02	-.7566E+02	.3274E+02	-.3413E+02	.1359E+02	.6553E+02

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SOLVE DISPLACEMENTS Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
556	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	-.1182E+02	-.2731E+02
557	.2298E+02	-.5309E+02	.2298E+02	.0000E+00	.0000E+00	.0000E+00
558	.2298E+02	-.5309E+02	.2298E+02	.0000E+00	.0000E+00	.0000E+00
559	.2298E+02	-.5309E+02	.2298E+02	.0000E+00	.0000E+00	.0000E+00
560	.1548E+02	-.3578E+02	.1548E+02	.0000E+00	.1891E+02	.4369E+02
561	.3304E+02	-.7636E+02	.3304E+02	-.3413E+02	-.7149E+02	-.1311E+03
562	.3057E+02	-.7064E+02	.3057E+02	.0000E+00	.3781E+02	.8738E+02
563	.2115E+02	-.4888E+02	.2115E+02	.0000E+00	.6499E+01	.1502E+02
564	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
565	.1827E+02	-.4222E+02	.1827E+02	.0000E+00	.2806E+01	.6485E+01
566	.2211E+02	-.5110E+02	.2211E+02	-.3413E+02	-.5170E+01	.2219E+02
567	.7923E+01	-.1831E+02	.7923E+01	.0000E+00	-.7622E+00	-.1761E+01
568	.1454E+02	-.3361E+02	.1454E+02	-.1481E+02	-.6830E-01	.1465E+02
569	.1454E+02	-.3361E+02	.1454E+02	-.1481E+02	.6831E-01	.1496E+02
570	.7923E+01	-.1831E+02	.7923E+01	.0000E+00	.7622E+00	.1761E+01
571	.2308E+02	-.5333E+02	.2308E+02	.4130E+02	.8272E+01	-.2219E+02
572	.1827E+02	-.4222E+02	.1827E+02	.0000E+00	-.2806E+01	-.6485E+01
573	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
574	.3173E+02	-.7332E+02	.3173E+02	.4130E+02	.1137E+02	-.1502E+02
575	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
576	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
577	.2019E+02	-.4666E+02	.2019E+02	.0000E+00	.9305E+01	.2150E+02
578	.3365E+02	-.7777E+02	.3365E+02	.4130E+02	-.3397E+01	-.4915E+02
579	.2885E+02	-.6666E+02	.2885E+02	.0000E+00	.0000E+00	.0000E+00
580	.3365E+02	-.7777E+02	.3365E+02	.4130E+02	.3914E+02	.4915E+02
581	.2019E+02	-.4666E+02	.2019E+02	.0000E+00	-.9305E+01	-.2150E+02
582	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
583	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
584	.3173E+02	-.7332E+02	.3173E+02	.4130E+02	.2437E+02	.1502E+02
585	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
586	.1827E+02	-.4222E+02	.1827E+02	.0000E+00	.2806E+01	.6485E+01
587	.2308E+02	-.5333E+02	.2308E+02	.4130E+02	.2747E+02	.2219E+02
588	.7923E+01	-.1831E+02	.7923E+01	.0000E+00	-.7622E+00	-.1761E+01
589	.1454E+02	-.3361E+02	.1454E+02	-.1481E+02	-.6830E-01	.1465E+02
590	.3846E+01	-.8888E+01	.3846E+01	.0000E+00	-.2363E+01	-.5461E+01
591	.2211E+02	-.5110E+02	.2211E+02	.3413E+02	.5170E+01	-.2219E+02
592	.1827E+02	-.4222E+02	.1827E+02	.0000E+00	-.2806E+01	-.6485E+01
593	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
594	.3461E+02	-.7999E+02	.3461E+02	.2867E+02	.5908E+01	-.1502E+02
595	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1

DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
596	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
597	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
598	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
599	.3654E+02	-.8443E+02	.3654E+02	.2867E+02	.1241E+02	.0000E+00
600	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
601	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
602	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
603	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
604	.3461E+02	-.7999E+02	.3461E+02	.2867E+02	.1891E+02	.1502E+02
605	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
606	.1827E+02	-.4222E+02	.1827E+02	.0000E+00	.2806E+01	.6485E+01
607	.2211E+02	-.5110E+02	.2211E+02	.3413E+02	.2437E+02	.2219E+02
608	.3846E+01	-.8888E+01	.3846E+01	.0000E+00	.2363E+01	.5461E+01
609	.3846E+01	-.8888E+01	.3846E+01	.0000E+00	-.2363E+01	-.5461E+01
610	.2211E+02	-.5110E+02	.2211E+02	-.3413E+02	-.2437E+02	-.2219E+02
611	.1827E+02	-.4222E+02	.1827E+02	.0000E+00	-.2806E+01	-.6485E+01
612	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
613	.3461E+02	-.7999E+02	.3461E+02	-.2867E+02	-.1891E+02	-.1502E+02
614	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
615	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
616	.2019E+02	-.4666E+02	.2019E+02	.0000E+00	.9305E+01	.2150E+02
617	.2324E+02	-.5371E+02	.2324E+02	-.2867E+02	-.4431E+00	.2765E+02
618	.2258E+01	-.5219E+01	.2258E+01	.0000E+00	.0000E+00	.0000E+00
619	.2324E+02	-.5371E+02	.2324E+02	-.2867E+02	-.2437E+02	-.2765E+02
620	.2019E+02	-.4666E+02	.2019E+02	.0000E+00	-.9305E+01	-.2150E+02
621	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
622	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
623	.3461E+02	-.7999E+02	.3461E+02	-.2867E+02	-.5908E+01	.1502E+02
624	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
625	.1827E+02	-.4222E+02	.1827E+02	.0000E+00	.2806E+01	.6485E+01
626	.2211E+02	-.5110E+02	.2211E+02	-.3413E+02	-.5170E+01	.2219E+02
627	.3846E+01	-.8888E+01	.3846E+01	.0000E+00	.2363E+01	.5461E+01
628	.7923E+01	-.1831E+02	.7923E+01	-.1761E+01	-.7622E+00	.0000E+00
629	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
630	.3077E+02	-.7110E+02	.3077E+02	.1502E+02	.2127E+02	.3413E+02
631	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
632	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
633	.2211E+02	-.5110E+02	.2211E+02	-.7850E+01	-.3397E+01	.0000E+00
634	.7923E+01	-.1831E+02	.7923E+01	-.1761E+01	-.7622E+00	.0000E+00
635	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
636	.2115E+02	-.4888E+02	.2115E+02	.1502E+02	.6499E+01	.0000E+00
637	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
638	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
639	.2211E+02	-.5110E+02	.2211E+02	-.7850E+01	-.3397E+01	.0000E+00
640	.7923E+01	-.1831E+02	.7923E+01	-.1761E+01	-.7622E+00	.0000E+00
641	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
642	.3077E+02	-.7110E+02	.3077E+02	.1502E+02	-.8272E+01	-.3413E+02
643	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
644	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
645	.2211E+02	-.5110E+02	.2211E+02	-.7850E+01	-.3397E+01	.0000E+00
646	.1042E+02	-.2408E+02	.1042E+02	-.7583E+01	.3125E+01	.1481E+02
647	.1042E+02	-.2408E+02	.1042E+02	-.7583E+01	.3125E+01	.1481E+02
648	.1042E+02	-.2408E+02	.1042E+02	-.7583E+01	.3125E+01	.1481E+02
649	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
650	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
651	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
652	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
653	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
654	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
655	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
656	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
657	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
658	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
659	.2211E+02	-.5110E+02	.2211E+02	.7850E+01	.3397E+01	.0000E+00
660	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
661	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
662	.3077E+02	-.7110E+02	.3077E+02	-.1502E+02	.8272E+01	.3413E+02
663	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
664	.7923E+01	-.1831E+02	.7923E+01	.1761E+01	.7622E+00	.0000E+00
665	.1042E+02	-.2408E+02	.1042E+02	-.2203E+02	-.3125E+01	.1481E+02
666	.2211E+02	-.5110E+02	.2211E+02	.7850E+01	.3397E+01	.0000E+00
667	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
668	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
669	.2115E+02	-.4888E+02	.2115E+02	-.1502E+02	-.6499E+01	.0000E+00
670	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
671	.7923E+01	-.1831E+02	.7923E+01	.1761E+01	.7622E+00	.0000E+00
672	.1042E+02	-.2408E+02	.1042E+02	-.2203E+02	-.3125E+01	.1481E+02
673	.2211E+02	-.5110E+02	.2211E+02	.7850E+01	.3397E+01	.0000E+00
674	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
675	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00

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EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
676	.2115E+02	-.4888E+02	.2115E+02	-.1502E+02	-.6499E+01	.0000E+00
677	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
678	.7923E+01	-.1831E+02	.7923E+01	.1761E+01	.7622E+00	.0000E+00
679	.1042E+02	-.2408E+02	.1042E+02	-.2203E+02	-.3125E+01	.1481E+02
680	.2211E+02	-.5110E+02	.2211E+02	.7850E+01	.3397E+01	.0000E+00
681	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
682	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
683	.3077E+02	-.7110E+02	.3077E+02	-.1502E+02	-.2127E+02	-.3413E+02
684	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
685	.7923E+01	-.1831E+02	.7923E+01	.1761E+01	.7622E+00	.0000E+00
686	.1042E+02	-.2408E+02	.1042E+02	-.2203E+02	-.3125E+01	.1481E+02
687	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
688	.3365E+02	-.7777E+02	.3365E+02	.1502E+02	-.3102E+01	-.2219E+02
689	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
690	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
691	.2211E+02	-.5110E+02	.2211E+02	-.7850E+01	-.3397E+01	.0000E+00
692	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
693	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
694	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
695	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
696	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
697	.2211E+02	-.5110E+02	.2211E+02	.7850E+01	.3397E+01	.0000E+00
698	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
699	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
700	.3365E+02	-.7777E+02	.3365E+02	-.1502E+02	-.1610E+02	-.2219E+02
701	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
702	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
703	.3365E+02	-.7777E+02	.3365E+02	.1502E+02	.1610E+02	.2219E+02
704	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
705	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
706	.2211E+02	-.5110E+02	.2211E+02	-.7850E+01	-.3397E+01	.0000E+00
707	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
708	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
709	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
710	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
711	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
712	.2211E+02	-.5110E+02	.2211E+02	.7850E+01	.3397E+01	.0000E+00
713	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
714	.2308E+02	-.5333E+02	.2308E+02	.0000E+00	.0000E+00	.0000E+00
715	.3365E+02	-.7777E+02	.3365E+02	-.1502E+02	.3102E+01	.2219E+02

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SOLVE DISPLACEMENTS Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
716	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
717	.1042E+02	-.2408E+02	.1042E+02	-.1481E+02	-.3125E+01	.7583E+01
718	.7923E+01	-.1831E+02	.7923E+01	.0000E+00	.7622E+00	.1761E+01
719	.1827E+02	-.4222E+02	.1827E+02	.0000E+00	-.2806E+01	-.6485E+01
720	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
721	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
722	.1827E+02	-.4222E+02	.1827E+02	.0000E+00	.2806E+01	.6485E+01
723	.7923E+01	-.1831E+02	.7923E+01	.0000E+00	-.7622E+00	-.1761E+01
724	.1042E+02	-.2408E+02	.1042E+02	-.1481E+02	.3125E+01	.2203E+02
725	.1042E+02	-.2408E+02	.1042E+02	-.1481E+02	-.3125E+01	.7583E+01
726	.7923E+01	-.1831E+02	.7923E+01	.0000E+00	.7622E+00	.1761E+01
727	.1827E+02	-.4222E+02	.1827E+02	.0000E+00	-.2806E+01	-.6485E+01
728	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
729	.1923E+02	-.4444E+02	.1923E+02	.0000E+00	.0000E+00	.0000E+00
730	.1827E+02	-.4222E+02	.1827E+02	.0000E+00	.2806E+01	.6485E+01
731	.7923E+01	-.1831E+02	.7923E+01	.0000E+00	-.7622E+00	-.1761E+01
732	.1042E+02	-.2408E+02	.1042E+02	-.1481E+02	.3125E+01	.2203E+02
733	.6345E+01	-.1466E+02	.6345E+01	.1481E+02	.0000E+00	-.1481E+02
734	.6345E+01	-.1466E+02	.6345E+01	.1481E+02	.0000E+00	-.1481E+02
735	.6345E+01	-.1466E+02	.6345E+01	.1481E+02	.0000E+00	-.1481E+02
736	.6345E+01	-.1466E+02	.6345E+01	.1481E+02	.0000E+00	-.1481E+02
737	.6345E+01	-.1466E+02	.6345E+01	.1481E+02	.0000E+00	-.1481E+02
738	.6345E+01	-.1466E+02	.6345E+01	.1481E+02	.0000E+00	-.1481E+02
739	.6345E+01	-.1466E+02	.6345E+01	.1481E+02	.0000E+00	-.1481E+02
740	.6345E+01	-.1466E+02	.6345E+01	.1481E+02	.0000E+00	-.1481E+02
741	.6345E+01	-.1466E+02	.6345E+01	.1481E+02	.0000E+00	-.1481E+02
742	.6345E+01	-.1466E+02	.6345E+01	.1481E+02	.0000E+00	-.1481E+02
743	.6345E+01	-.1466E+02	.6345E+01	.1481E+02	.0000E+00	-.1481E+02
744	.6345E+01	-.1466E+02	.6345E+01	.1481E+02	.0000E+00	-.1481E+02
745	.6345E+01	-.1466E+02	.6345E+01	.1481E+02	.0000E+00	-.1481E+02
746	.6345E+01	-.1466E+02	.6345E+01	.1481E+02	.0000E+00	-.1481E+02
747	.6345E+01	-.1466E+02	.6345E+01	.1481E+02	.0000E+00	-.1481E+02
748	.6345E+01	-.1466E+02	.6345E+01	.1481E+02	.0000E+00	-.1481E+02
749	.6345E+01	-.1466E+02	.6345E+01	.1481E+02	.0000E+00	-.1481E+02
750	.6345E+01	-.1466E+02	.6345E+01	.1481E+02	.0000E+00	-.1481E+02
751	.6345E+01	-.1466E+02	.6345E+01	.1481E+02	.0000E+00	-.1481E+02
752	.2738E+04	-.6332E+04	.2738E+04	.1818E-06	.7866E-07	.0000E+00
753	.2963E-05	-.5520E-05	.2963E-05	.3696E-06	-.8478E-12	-.3696E-06
754	.7734E+01	-.1787E+02	.7734E+01	.0000E+00	-.3194E+01	-.7380E+01
755	.7734E+01	-.1787E+02	.7734E+01	.0000E+00	-.3194E+01	-.7380E+01

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SOLVE DISPLACEMENTS Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

L O A D C A S E 1
DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

APPLIED LOAD VECTOR

Node	Fx	Fy	Fz	Mx	My	Mz
756	.7734E+01	-.1787E+02	.7734E+01	.0000E+00	-.3194E+01	-.7380E+01
757	.7734E+01	-.1787E+02	.7734E+01	.0000E+00	-.3194E+01	-.7380E+01
758	.7734E+01	-.1787E+02	.7734E+01	.0000E+00	.3194E+01	.7380E+01
759	.7734E+01	-.1787E+02	.7734E+01	.0000E+00	.3194E+01	.7380E+01
760	.7734E+01	-.1787E+02	.7734E+01	.0000E+00	.3194E+01	.7380E+01
761	.7734E+01	-.1787E+02	.7734E+01	.0000E+00	.3194E+01	.7380E+01
762	.1440E-06	-.3328E-06	.1440E-06	-.5514E-06	-.7866E-07	.3696E-06

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SOLVE BEAM LOADS/STRESSES Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

BEAM LOADS AND/OR STRESSES

GLoads	Node	Fx	Fy	Fz	Mx	My	Mz
LLoads	Node	Axial	Y-Shear	Z-Shear	Torsion	Y-Bending	Z-Bending
Stress	Node	Axial	Y-Shear	Z-Shear	Torsion	Y-Bending	Z-Bending
Stress	Node	Maximum	Minimum	Cmb. Shear			
			BEAM NO. 262				
GLoads	458	-.5642E+03	-.2015E+04	.0000E+00	.0000E+00	.6541E-08	.0000E+00
GLoads	753	.5642E+03	.2015E+04	-.2387E-06	.5490E+05	-.1538E+05	.0000E+00
LLoads	458	.0000E+00	-.2015E+04	.5642E+03	.0000E+00	.6541E-08	.0000E+00
LLoads	753	-.2387E-06	.2015E+04	-.5642E+03	.0000E+00	-.1538E+05	-.5490E+05
			BEAM NO. 263				
GLoads	459	-.4292E+04	-.1052E+04	-.1778E+04	-.1753E-22	-.1643E-08	-.7217E-23
GLoads	753	.4292E+04	.1052E+04	.1778E+04	.2647E+05	-.1266E+06	.1097E+05
LLoads	459	.5214E-10	-.1052E+04	.4645E+04	.3867E-25	-.1643E-08	.1900E-22
LLoads	753	-.1293E-06	.1052E+04	-.4645E+04	-.1815E-08	-.1266E+06	-.2865E+05
			BEAM NO. 264				
GLoads	461	-.3589E+04	-.6108E+02	-.3589E+04	-.3996E-22	-.1698E-08	-.3967E-22
GLoads	753	.3589E+04	.6108E+02	.3589E+04	.1177E+04	-.1383E+06	.1177E+04
LLoads	461	-.9729E-10	-.6108E+02	.5075E+04	.2078E-24	-.1698E-08	.5643E-22
LLoads	753	.9776E-10	.6108E+02	-.5075E+04	.2009E-10	-.1383E+06	-.1664E+04
			BEAM NO. 265				
GLoads	463	-.1114E+04	.1778E+04	-.2690E+04	-.1009E-22	-.4378E-07	-.2461E-22
GLoads	753	.1114E+04	-.1778E+04	.2690E+04	-.1854E+05	-.7934E+05	-.4477E+05
LLoads	463	.8398E-10	.1778E+04	.2912E+04	-.9429E-25	-.4378E-07	.2832E-22
LLoads	753	.1291E-06	-.1778E+04	-.2912E+04	-.3964E-09	-.7934E+05	.4846E+05
			BEAM NO. 266				
GLoads	464	.0000E+00	.5297E+04	-.3448E+02	.0000E+00	.2460E-07	.0000E+00
GLoads	753	-.2387E-06	-.5297E+04	.3448E+02	.0000E+00	-.9396E+03	-.1443E+06
LLoads	464	.0000E+00	.5297E+04	.3448E+02	.0000E+00	.2460E-07	.0000E+00
LLoads	753	.2387E-06	-.5297E+04	-.3448E+02	.0000E+00	-.9396E+03	.1443E+06
			BEAM NO. 267				
GLoads	465	-.9490E+03	.1666E+04	.2291E+04	-.1691E-23	.1033E-07	.4243E-23
GLoads	753	.9490E+03	-.1666E+04	-.2291E+04	.1737E+05	.6757E+05	-.4193E+05
LLoads	465	-.3515E-10	.1666E+04	-.2480E+04	-.6122E-25	.1033E-07	-.4417E-23
LLoads	753	.3119E-06	-.1666E+04	.2480E+04	-.3644E-09	.6757E+05	.4539E+05
			BEAM NO. 268				
GLoads	467	-.2882E+04	-.3696E+03	.2882E+04	.3306E-25	.1384E-07	-.3366E-25
GLoads	753	.2882E+04	.3696E+03	-.2882E+04	-.7121E+04	.1110E+06	.7121E+04
LLoads	467	.2198E-09	-.3696E+03	-.4075E+04	.4278E-27	.1384E-07	-.2456E-26
LLoads	753	.3374E-06	.3696E+03	.4075E+04	-.1015E-09	.1110E+06	-.1007E+05
			BEAM NO. 269				
GLoads	469	-.3192E+04	-.8523E+03	.1322E+04	.5025E-23	.1122E-08	-.2089E-23
GLoads	753	.3192E+04	.8523E+03	-.1322E+04	-.2146E+05	.9416E+05	.8888E+04

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SOLVE BEAM LOADS/STRESSES Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

GLoads	Node	Fx	Fy	Fz	Mx	My	Mz
LLoads	Node	Axial	Y-Shear	Z-Shear	Torsion	Y-Bending	Z-Bending
Stress	Node	Axial	Y-Shear	Z-Shear	Torsion	Y-Bending	Z-Bending
Stress	Node	Maximum	Minimum	Cmb. Shear			
LLoads	469	.6189E-10	-.8523E+03	-.3456E+04	.6713E-26	.1122E-08	.5463E-23
LLoads	753	.3119E-06	.8523E+03	.3456E+04	-.1023E-08	.9416E+05	-.2323E+05
			BEAM NO. 270				
GLoads	470	-.3043E+03	-.1790E+04	-.2556E-03	.2887E-28	-.7968E-08	.2443E-34
GLoads	753	.3043E+03	.1790E+04	.2553E-03	-.4876E+05	.8292E+04	-.4096E-01
LLoads	470	.8401E-16	-.1790E+04	-.3043E+03	-.1792E-36	-.7968E-08	.2845E-28
LLoads	753	.2387E-06	.1790E+04	.3043E+03	-.4274E-14	.8292E+04	-.4876E+05
			BEAM NO. 271				
GLoads	471	.2724E+04	-.1164E+04	.1128E+04	.1147E-22	.2008E-08	.4756E-23
GLoads	753	-.2724E+04	.1164E+04	-.1128E+04	-.2931E+05	-.8035E+05	-.1214E+05
LLoads	471	-.7045E-10	-.1164E+04	.2949E+04	-.3484E-26	.2008E-08	.1245E-22
LLoads	753	.1293E-06	.1164E+04	-.2949E+04	.7199E-09	-.8035E+05	-.3173E+05
			BEAM NO. 272				
GLoads	473	.2725E+04	-.5295E+03	.2725E+04	.3037E-22	.1758E-07	.3020E-22
GLoads	753	-.2725E+04	.5295E+03	-.2725E+04	-.1020E+05	-.1050E+06	-.1020E+05
LLoads	473	-.1740E-09	-.5295E+03	.3853E+04	.1186E-24	.1758E-07	.4382E-22
LLoads	753	.1736E-09	.5295E+03	-.3853E+04	-.1054E-08	-.1050E+06	-.1443E+05
			BEAM NO. 273				
GLoads	475	.9368E+03	.1195E+04	.2262E+04	.3665E-24	-.2666E-07	.8941E-24
GLoads	753	-.9368E+03	-.1195E+04	-.2262E+04	.1246E+05	-.6671E+05	.3009E+05
LLoads	475	-.1820E-09	.1195E+04	.2448E+04	-.3547E-26	-.2666E-07	.9314E-24
LLoads	753	-.1290E-06	-.1195E+04	-.2448E+04	-.9421E-09	-.6671E+05	.3257E+05
			BEAM NO. 274				
GLoads	476	.0000E+00	.4168E+04	-.2239E+02	.0000E+00	-.3177E-07	.0000E+00
GLoads	753	-.2387E-06	-.4168E+04	.2239E+02	.0000E+00	.6102E+03	.1136E+06
LLoads	476	.0000E+00	.4168E+04	-.2239E+02	.0000E+00	-.3177E-07	.0000E+00
LLoads	753	-.2387E-06	-.4168E+04	.2239E+02	.0000E+00	.6102E+03	.1136E+06
			BEAM NO. 275				
GLoads	477	.1062E+04	.1537E+04	-.2564E+04	-.4288E-23	.6607E-08	.1060E-22
GLoads	753	-.1062E+04	-.1537E+04	.2564E+04	-.1603E+05	.7562E+05	.3870E+05
LLoads	477	.1141E-10	.1537E+04	-.2775E+04	.9367E-25	.6607E-08	.1169E-22
LLoads	753	-.3119E-06	-.1537E+04	.2775E+04	-.1246E-08	.7562E+05	.4189E+05
			BEAM NO. 276				
GLoads	479	.3235E+04	-.3786E+03	-.3235E+04	-.2542E-24	.1717E-07	.3581E-24
GLoads	753	-.3235E+04	.3786E+03	.3235E+04	.7295E+04	.1247E+06	-.7295E+04
LLoads	479	.4166E-10	-.3786E+03	-.4575E+04	.7353E-25	.1717E-07	-.4152E-25
LLoads	753	-.3377E-06	.3786E+03	.4575E+04	-.1721E-08	.1247E+06	-.1032E+05
			BEAM NO. 277				
GLoads	481	.3466E+04	-.1098E+04	-.1436E+04	-.1062E-22	.1941E-08	.4403E-23
GLoads	753	-.3466E+04	.1098E+04	.1436E+04	.2763E+05	.1022E+06	-.1144E+05

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SOLVE BEAM LOADS/STRESSES Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

GLoads Node LLoads Node Stress Node Stress Node	Fx Axial Axial Maximum	Fy Y-Shear Y-Shear Minimum	Fz Z-Shear Z-Shear Cmb. Shear	Mx Torsion Torsion	My Y-Bending Y-Bending	Mz Z-Bending Z-Bending
LLoads 481	.1247E-10	-.1098E+04	-.3751E+04	.3321E-26	.1941E-08	.1142E-22
LLoads 753	-.3119E-06	.1098E+04	.3751E+04	-.9558E-09	.1022E+06	-.2991E+05

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SOLVE REACTIONS Version 2.0 07/01/90

EQUIP. REMOVAL - FLEXIBLE RECEIVER 3 OVER 1 ANALYSIS

Load Case 1:DWT+LIVE+SEIS(X=0.608, Y=-1.405, Z=0.608)

REACTIONS

Node	Fx	Fy	Fz	Mx	My	Mz
733	.0000E+00	.0000E+00	-.1385E+05	.0000E+00	.0000E+00	.0000E+00
734	.0000E+00	.0000E+00	-.5368E+04	.0000E+00	.0000E+00	.0000E+00
735	.0000E+00	.0000E+00	-.1354E+05	.0000E+00	.0000E+00	.0000E+00
740	-.9296E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
741	-.1754E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
742	-.4980E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
743	-.5559E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
744	-.3078E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00
745	-.8087E+04	.0000E+00	.0000E+00	.0000E+00	.0000E+00	.0000E+00

DISTRIBUTION SHEET

To	From	Page 1 of 1
Distribution	JW Bailey	Date 19 July 1998
Project Title/Work Order		EDT No. 622221
Project W-320 Tank 106-C, HNF-2463, Civil/Structural Calculations, Vol. 3		ECN No. n/a

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