



ENGINEERING APPENDIX A

APPENDIX 7

STRUCTURAL DESIGN

---

# Cofferdam Design

## Cofferdam Design:

- USACE Publications
  - o ER 1110-2-8152 – Planning and Design of Temporary Cofferdams and Braced Excavations
- Technical Publications
  - o American Institute of Steel Construction, Manual of Steel Construction (9<sup>th</sup> Ed.)
  - o Building Code Requirements for Structural Concrete (ACI 318-08) and Commentary
- Interior Braced Cofferdam
- Bottom strut assumed to be concrete stabilization slab poured in the wet
  - o Compression in seal slab checked in accordance with ACI 318
- Anchor forces in walers provided by geotechnical analysis. See geotechnical appendix for more information
- No impact forces assumed for this level of design. More detailed analysis and potential vessel impacts at each structure will be investigated during P&S design
- Walers and struts designed according to AISC ASD 9<sup>th</sup> Ed. Walers assumed as simple spans between struts. Struts braced by vertical supports and checked for combined axial compression and weak axis bending due to dead weight.



## **Lovett, David P Jr CIV USARMY CEMVN (US)**

---

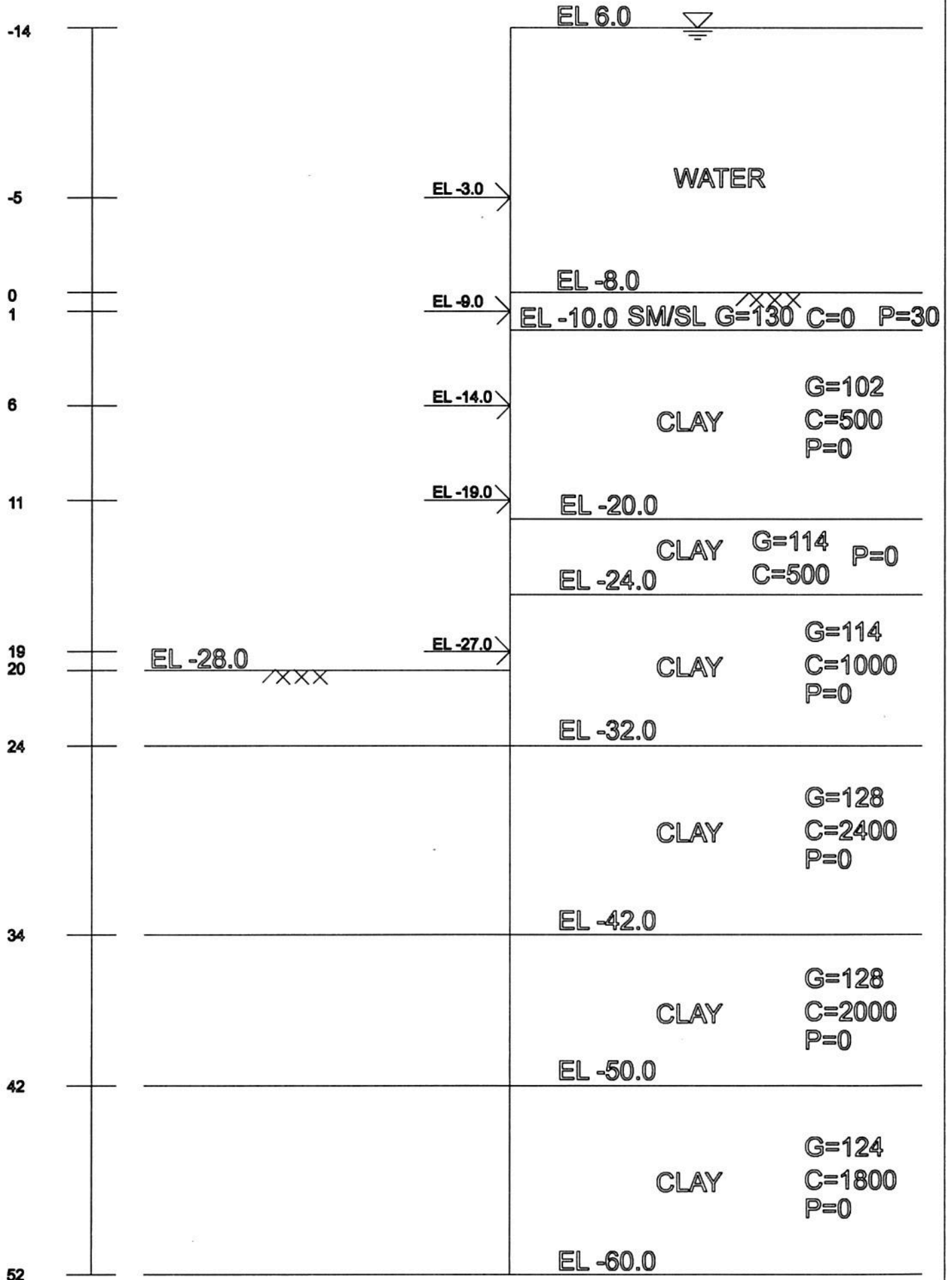
**From:** Rachel, Chad M CIV USARMY CEMVN (US)  
**Sent:** Thursday, September 6, 2018 8:38 AM  
**To:** Lovett, David P Jr CIV USARMY CEMVN (US)  
**Cc:** Richard, Leeland J CIV USARMY CEMVN (US)  
**Subject:** Brazos River Crossing TRS Design (East Side)  
**Attachments:** TRS Stages and Design Values - BR East.pdf

Dave,

Please see attached for Brazos River TRS Design, East side.

Thanks,  
Chad M. Rachel, P.E.

# BRAZOS RIVER - EAST



Brazos River - East Side

Stage	Stages			Design							Software
	Braces	Water	Ground	Tip EL (ft)	Moment (ft#/ft)	Brace @ EL -3 (#/ft)	Brace @ EL -9 (#/ft)	Brace @ EL -14 (#/ft)	Brace @ EL -19 (#/ft)	* Brace @ EL -27 (#/ft)	
Stage 1	None	@ EL 6.0 & EL -4	@ EL -8 & EL -9	-37.00	100040	NONE	NONE	NONE	NONE	NONE	CWALSHT
Stage 1	None	@ EL 6.0 & EL -4	@ EL -8 & EL -9	-29.51	68431.9	NONE	NONE	NONE	NONE	NONE	SUPPORT IT
Stage 2	@ EL -3	@ EL 6.0 & EL -10	@ EL -8 & EL -10	-23.09	10598	6900.3	NONE	NONE	NONE	NONE	CWALSHT
Stage 2	@ EL -3	@ EL 6.0 & EL -10	@ EL -8 & EL -10	-18.96	7615.6	6721.9	NONE	NONE	NONE	NONE	SUPPORT IT
Stage 3	@ EL -3 & EL -9	@ EL 6.0 & EL -15	@ EL -8 & EL -15	-27.41	16759.2	4493.9	9359.0	NONE	NONE	NONE	SUPPORT IT
Stage 4	@ EL -3 & EL -9 & EL -14	@ EL 6.0 & EL -20	@ EL -8 & EL -20	-32.63	25558.4	4492.2	5397.4	14778.8	NONE	NONE	SUPPORT IT
Stage 5	@ EL -3 & EL -9 & EL -14 & EL -19	@ EL 6.0 & EL -28	@ EL -8 & EL -28	-39.28	58733.2	4506.3	5391.5	8895.4	24294.8	NONE	SUPPORT IT
Stage 6 *	@ EL -3 & EL -9 & EL -14 & EL -19	@ EL 6.0 & EL -31	@ EL -8 & EL -28	-39.87	60765.4	4490.3	5400.2	8909.2	24446.4	NONE	SUPPORT IT
Stage 7 *	@ EL -3 & EL -9 & EL -14 & EL -19 & EL -27	@ EL 6.0 & EL -31	@ EL -8 & EL -28	-28	23733.6	4493.1	5401.9	8919.4	17750.9	14541.0	SUPPORT IT

Indicates design value

FOS = 1.3 for Tip EL and Moment

FOS = 1.0 for Brace Loads

\* Lowest brace is assumed to be a tremie slab

## **Lovett, David P Jr CIV USARMY CEMVN (US)**

---

**From:** Rachel, Chad M CIV USARMY CEMVN (US)  
**Sent:** Tuesday, August 28, 2018 2:58 PM  
**To:** Lovett, David P Jr CIV USARMY CEMVN (US)  
**Cc:** Richard, Leeland J CIV USARMY CEMVN (US); Bouchon, Owen R CIV (US)  
**Subject:** RE: Colorado River Crossing TRS Design (West Side)  
**Attachments:** West sketch.pdf; TRS Stages and Design Values - CR West.pdf

Dave,

Please see attached for Colorado River TRS Design, West side.

Thanks,  
Chad M. Rachel, P.E.

-----Original Message-----

**From:** Lovett, David P Jr CIV USARMY CEMVN (US)  
**Sent:** Monday, August 27, 2018 6:39 AM  
**To:** Rachel, Chad M CIV USARMY CEMVN (US) <Chad.M.Rachel@usace.army.mil>  
**Subject:** Colorado River Crossing Piles Curves (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

Chad,

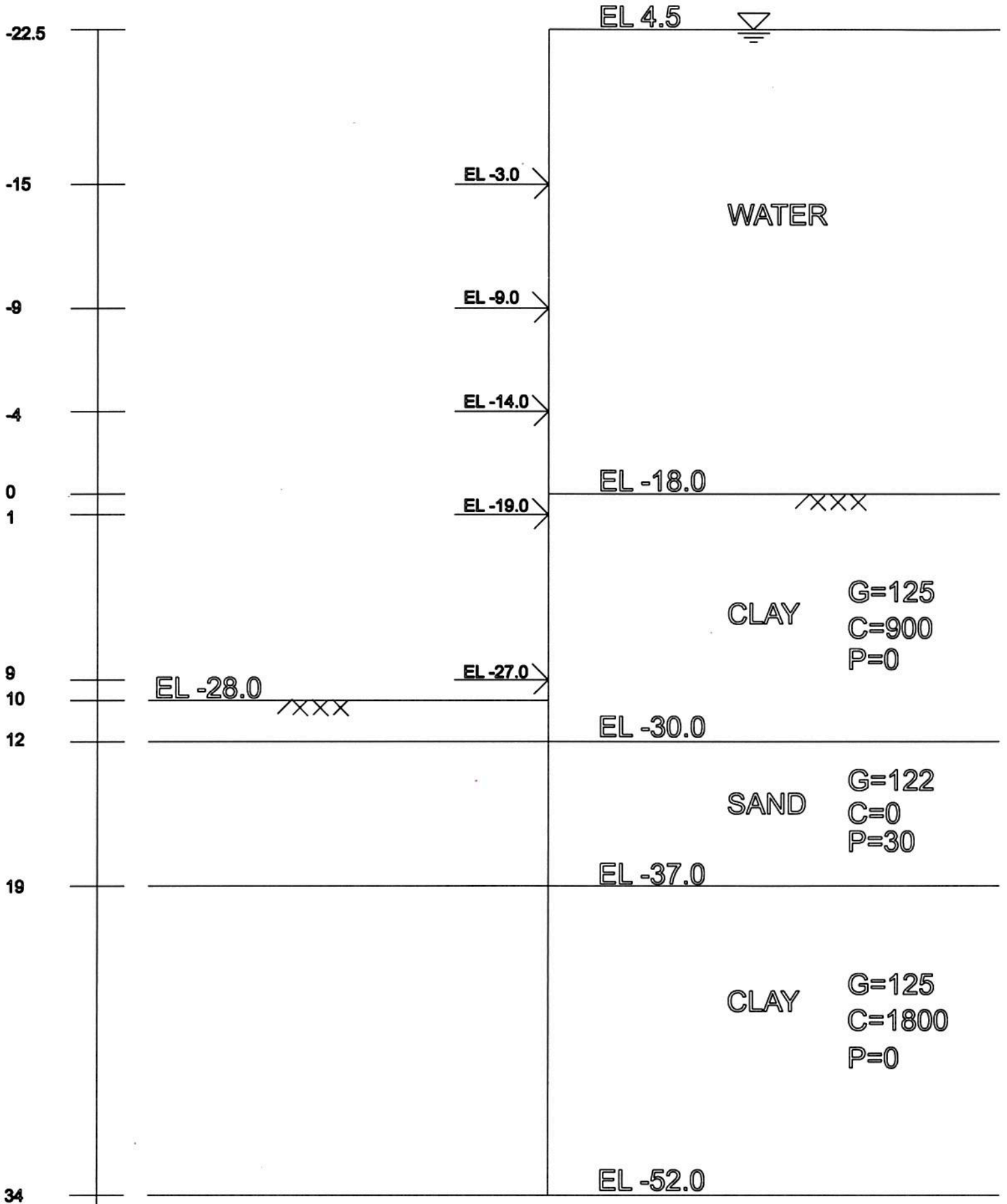
Do you have the piles curves for Colorado completed? Starting to ramp up quantities this week.

Thanks,  
David P. Lovett Jr., P.E.  
Supervisory Civil Engineer  
U.S. Army Corps of Engineers  
New Orleans District  
Engineering Division  
Structures Branch  
Ph (504) 862-2680  
Cell (504) 717-9565

CLASSIFICATION: UNCLASSIFIED



# COLORADO RIVER - WEST



Colorado River - West Side

Stages	Braces	Water		Ground		Tip EL (ft)	Moment (ft#/ft)	Brace @ EL -3 (#/ft)	Brace @ EL -9 (#/ft)	Design			Software
		@ EL 4.5 & EL -4	@ EL -18 & EL -19	Brace @ EL -14 (#/ft)	Brace @ EL -19 (#/ft)					* Brace @ EL -27 (#/ft)			
Stage 1	None	@ EL 4.5 & EL -4	@ EL -18 & EL -19	-42.66	135270.0	NONE	NONE	NONE	NONE	NONE	NONE	NONE	CWALSHT
Stage 1	None	@ EL 4.5 & EL -4	@ EL -18 & EL -19	-37.23	126491.9	NONE	NONE	NONE	NONE	NONE	NONE	NONE	SUPPORT IT
Stage 2	@ EL -3	@ EL 4.5 & EL -10	@ EL -18 & EL -19	-26.51	38157.0	8992.8	NONE	NONE	NONE	NONE	NONE	NONE	CWALSHT
Stage 2	@ EL -3	@ EL 4.5 & EL -10	@ EL -18 & EL -19	-26.34	33423.8	8631.6	NONE	NONE	NONE	NONE	NONE	NONE	SUPPORT IT
Stage 3	@ EL -3 & EL -9	@ EL 4.5 & EL -15	@ EL -18 & EL -19	-27.46	17913.5	3441.9	8516.7	NONE	NONE	NONE	NONE	NONE	SUPPORT IT
Stage 4	@ EL -3 & EL -9 & EL -14	@ EL 4.5 & EL -20	@ EL -18 & EL -20	-29.52	8961.9	3448.0	4530.6	7922.8	NONE	NONE	NONE	NONE	SUPPORT IT
Stage 5	@ EL -3 & EL -9 & EL -14 & EL -19	@ EL 4.5 & EL -28	@ EL -18 & EL -28	-47.32	101638.6	3434.9	4509.4	5711.0	20611.7	NONE	NONE	NONE	SUPPORT IT
Stage 6 *	@ EL -3 & EL -9 & EL -14 & EL -19	@ EL 4.5 & EL -31	@ EL -18 & EL -28	-47.32	95784.3	3435.0	4499.7	5711.0	19961.9	NONE	NONE	NONE	SUPPORT IT
Stage 7 *	@ EL -3 & EL -9 & EL -14 & EL -19 & EL -27	@ EL 4.5 & EL -31	@ EL -18 & EL -28	-42.6	12754.6	3436.0	4518.5	5730.7	9984.0	15721.6	NONE	NONE	SUPPORT IT

Indicates design value

FOS = 1.3 for Tip EL and Moment

FOS = 1.0 for Brace Loads

\* Lowest brace is assumed to be a tremie slab

## **Lovett, David P Jr CIV USARMY CEMVN (US)**

---

**From:** Rachel, Chad M CIV USARMY CEMVN (US)  
**Sent:** Tuesday, August 28, 2018 2:57 PM  
**To:** Lovett, David P Jr CIV USARMY CEMVN (US)  
**Cc:** Richard, Leeland J CIV USARMY CEMVN (US); Bouchon, Owen R CIV (US)  
**Subject:** Colorado River Crossing TRS Design (East Side)  
**Attachments:** East sketch.pdf; TRS Stages and Design Values - CR East.pdf

Dave,

Please see attached for Colorado River TRS Design, East side.

Thanks,  
Chad M. Rachel, P.E.

-----Original Message-----

**From:** Lovett, David P Jr CIV USARMY CEMVN (US)  
**Sent:** Monday, August 27, 2018 6:39 AM  
**To:** Rachel, Chad M CIV USARMY CEMVN (US) <Chad.M.Rachel@usace.army.mil>  
**Subject:** Colorado River Crossing Piles Curves (UNCLASSIFIED)

CLASSIFICATION: UNCLASSIFIED

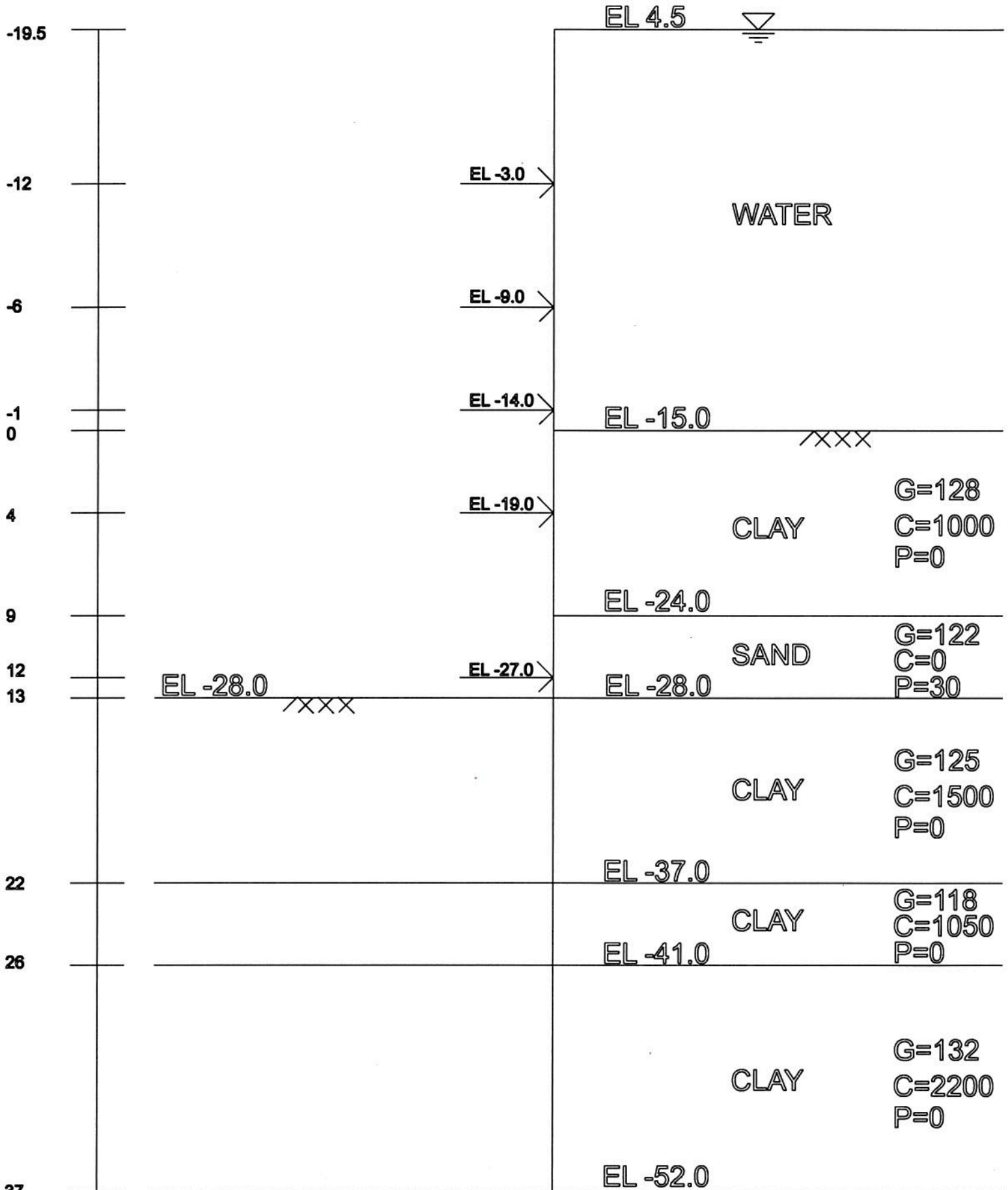
Chad,

Do you have the piles curves for Colorado completed? Starting to ramp up quantities this week.

Thanks,  
David P. Lovett Jr., P.E.  
Supervisory Civil Engineer  
U.S. Army Corps of Engineers  
New Orleans District  
Engineering Division  
Structures Branch  
Ph (504) 862-2680  
Cell (504) 717-9565

CLASSIFICATION: UNCLASSIFIED

# COLORADO RIVER - EAST



Colorado River - East Side

Stages	Braces	Water		Ground		Tip EL (ft)	Moment (ft#/ft)	Brace @ EL -3 (#/ft)	Brace @ EL -9 (#/ft)	Design			Software
		@ EL 4.5 & EL -4	@ EL -15 & EL -16	@ EL -14 (#/ft)	Brace @ EL -19 (#/ft)					* Brace @ EL -27 (#/ft)			
Stage 1	None	@ EL 4.5 & EL -4	@ EL -15 & EL -16	-38.6	103750.0	NONE	NONE	NONE	NONE	NONE	NONE	NONE	CWALSHT
Stage 1	None	@ EL 4.5 & EL -4	@ EL -15 & EL -16	-32.84	90818.5	NONE	NONE	NONE	NONE	NONE	NONE	NONE	SUPPORT IT
Stage 2	@ EL -3	@ EL 4.5 & EL -10	@ EL -15 & EL -16	-21.35	22721.0	7418.2	NONE	NONE	NONE	NONE	NONE	NONE	CWALSHT
Stage 2	@ EL -3	@ EL 4.5 & EL -10	@ EL -15 & EL -16	-22.07	20183.4	7328.9	NONE	NONE	NONE	NONE	NONE	NONE	SUPPORT IT
Stage 3	@ EL -3 & EL -9	@ EL 4.5 & EL -15	@ EL -15 & EL -16	-22.45	5827.9	3441.2	6466.6	NONE	NONE	NONE	NONE	NONE	SUPPORT IT
Stage 4	@ EL -3 & EL -9 & EL -14	@ EL 4.5 & EL -20	@ EL -15 & EL -20	-32.39	14416.4	3438.7	4528.3	8263.7	NONE	NONE	NONE	NONE	SUPPORT IT
Stage 5	@ EL -3 & EL -9 & EL -14 & EL -19	@ EL 4.5 & EL -28	@ EL -15 & EL -28	-41.04	35283.8	3439.8	4532.4	5750.6	8514.2	NONE	NONE	NONE	SUPPORT IT
Stage 6 *	@ EL -3 & EL -9 & EL -14 & EL -19	@ EL 4.5 & EL -31	@ EL -15 & EL -28	-41.64	38207.1	3454.6	4515.3	5731.8	13962.0	NONE	NONE	NONE	SUPPORT IT
Stage 7 *	@ EL -3 & EL -9 & EL -14 & EL -19 & EL -27	@ EL 4.5 & EL -31	@ EL -15 & EL -28	-30.84	10165.9	3439.3	4530.5	5748.4	10029.8	10758.0	NONE	NONE	SUPPORT IT

Indicates design value

FOS = 1.3 for Tip EL and Moment

FOS = 1.0 for Brace Loads

\* Lowest brace is assumed to be a tremie slab



## 1.) ANCHOR FORCE 1 (tremie, middle at Elavation -27.0)

$$AF_1 := 14.54 \frac{\text{kip}}{\text{ft}}$$

*Anchor Force 1 at Colorado East*

### A. Seal Slab

$$f_c := 4 \text{ksi}$$

*Compressive Strength of Seal Slab*

$$h_{\text{slab}} := 12 \text{in}$$

*Thickness of Slab*

$$w_{\text{slab}} := 12 \text{in}$$

*Width of Slab*

$$l_c := 20 \text{ft}$$

*Vertical Distance Between Supports on Seal Slab*

$$A_1 := h_{\text{slab}} \cdot w_{\text{slab}}$$

$$LF := 1.7$$

$$P_u := AF_1 \cdot LF \cdot 1 \text{ft} = 24.718 \text{kip}$$

$$\phi P_n := 0.60 \cdot f_c \cdot \left[ 1 - \left( \frac{l_c}{32 \cdot h_{\text{slab}}} \right)^2 \right] \cdot A_1 = 210.6 \text{kip} \quad \text{ACI 318 Eqn 22-4}$$

$$\text{if}(\phi P_n > P_u, \text{"OK"}, \text{"NG"}) = \text{"OK"}$$



## 2.) ANCHOR FORCE 2 (Elevation -19.0)

$$AF_2 := 24.44 \frac{\text{kip}}{\text{ft}}$$

*Anchor Force 2 at Colorado East*

### A. Pipe Strut

$$TL_2 := 30\text{ft}$$

*Tributary Length for Pipe Strut*

$$l_{2\text{strut}} := 29\text{ft}$$

*Unbraced Length of Struts at Level 2*

$$k := 1.0$$

Assume a 20" x 5/8" Pipe

$$r_{2\text{strut}} := 6.14\text{in}$$

*Radius of Gyration of Assumed Pipe Strut*

$$A_{2\text{strut}} := 38.04\text{in}^2$$

*Area of Assumed Pipe Strut*

$$Wt_{2\text{strut}} := 129.45 \frac{\text{lb}}{\text{ft}}$$

*Weight of Assumed Pipe Strut*

$$S_{2\text{strut}} := 178.69\text{in}^3$$

*Section Modulus of Assumed Pipe Strut*

$$F_y := 50\text{ksi}$$

*Assumed Yield Stress of Strut and Waler*

Check Axial Stress

$$\text{Round}\left(\frac{k \cdot l_{2\text{strut}}}{r_{2\text{strut}}}, 1\right) = 57$$

$$F_{a2\text{strut}} := 22.02\text{ksi}$$

*Allowable Axial Stress per Table C-50, Page 3-17 AISC ASD 9th Edition*

$$P_{2\text{strut}} := AF_2 \cdot TL_2 = 733.2 \text{ kip}$$

$$f_{a2\text{strut}} := \frac{P_{2\text{strut}}}{A_{2\text{strut}}} = 19.274 \cdot \text{ksi}$$

$$\frac{f_{a2\text{strut}}}{F_{a2\text{strut}}} = 0.875$$


---



$$\text{if} \left( \frac{f_{a2strut}}{F_{a2strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

### Check Weak Axis Bending

–Assume simple span

$$M_{y2strut} := \frac{Wt_{2strut} \cdot l_{2strut}^2}{8} = 13.608 \text{ ft} \cdot \text{kip}$$

$$f_{by2strut} := \frac{M_{y2strut}}{S_{2strut}} = 0.914 \cdot \text{ksi}$$

$$F_{by2strut} := .66 \cdot F_y = 33 \cdot \text{ksi}$$

$$\frac{f_{by2strut}}{F_{by2strut}} = 0.028$$

$$\text{if} \left( \frac{f_{by2strut}}{F_{by2strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

### Check Combined Bending

$$\frac{f_{by2strut}}{F_{by2strut}} + \frac{f_{a2strut}}{F_{a2strut}} = 0.903$$

$$\text{if} \left( \frac{f_{by2strut}}{F_{by2strut}} + \frac{f_{a2strut}}{F_{a2strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

## B. Waler

### Check Strong Axis Bending

–Assume simple span

$$M_{x2waler} := \frac{AF_2 \cdot TL_2^2}{8} = 2.749 \times 10^3 \text{ ft} \cdot \text{kip}$$


---





US Army Corps  
of Engineers ®  
Galveston District

**GIWW Brazos River Floodgates and Colorado River Locks**  
**Final Integrated Feasibility Report and Environmental Impact Statement**

125' Sector Gate Brazos River East Cofferdam Design

Des. By: JJR 09/04/18  
Chk. By: DPL 09/07/18

4/12

$$S_{2\text{walerreqd}} := \frac{M_{x2\text{waler}}}{.60 \cdot F_y} = 1.1 \times 10^3 \cdot \text{in}^3$$

Use W36X300,  $S_x = 1110 \text{ in}^3$



### 3.) ANCHOR FORCE 3 (Elevation -14.0)

$$AF_3 := 14.8 \frac{\text{kip}}{\text{ft}}$$

*Anchor Force 3 at Colorado East*

#### A. Pipe Strut

$$TL_3 := 30\text{ft}$$

*Tributary Length for Pipe Strut*

$$l_{3\text{strut}} := 29\text{ft}$$

*Unbraced Length of Struts at Level 3*

Assume a 14"x 5/8" Pipe

$$r_{3\text{strut}} := 4.73\text{in}$$

*Radius of Gyration of Assumed Pipe Strut*

$$A_{3\text{strut}} := 26.26\text{in}^2$$

*Area of Assumed Pipe Strut*

$$Wt_{3\text{strut}} := 89.36 \frac{\text{lb}}{\text{ft}}$$

*Weight of Assumed Pipe Strut*

$$S_{3\text{strut}} := 84.07\text{in}^3$$

*Section Modulus of Assumed Pipe Strut*

Check Axial Stress

$$\text{Round}\left(\frac{k \cdot l_{3\text{strut}}}{r_{3\text{strut}}}, 1\right) = 74$$

$$F_{a3\text{strut}} := 19.21\text{ksi}$$

*Allowable Axial Stress per Table C-50, Page 3-17 AISC ASD 9th Edition*

$$P_{3\text{strut}} := AF_3 \cdot TL_3 = 444\text{kip}$$

$$f_{a3\text{strut}} := \frac{P_{3\text{strut}}}{A_{3\text{strut}}} = 16.908\text{ksi}$$

$$\frac{f_{a3\text{strut}}}{F_{a3\text{strut}}} = 0.88$$

$$\text{if}\left(\frac{f_{a3\text{strut}}}{F_{a3\text{strut}}} < 1, \text{"OK"}, \text{"NG"}\right) = \text{"OK"}$$



### Check Weak Axis Bending

–Assume simple span

$$M_{y3strut} := \frac{Wt_{3strut} \cdot l_{3strut}^2}{8} = 9.394 \text{ ft} \cdot \text{kip}$$

$$f_{by3strut} := \frac{M_{y3strut}}{S_{3strut}} = 1.341 \cdot \text{ksi}$$

$$F_{by3strut} := .66 \cdot F_y = 33 \cdot \text{ksi}$$

$$\frac{f_{by3strut}}{F_{by3strut}} = 0.041$$

$$\text{if} \left( \frac{f_{by3strut}}{F_{by3strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

### Check Combined Bending

$$\frac{f_{by3strut}}{F_{by3strut}} + \frac{f_{a3strut}}{F_{a3strut}} = 0.921$$

$$\text{if} \left( \frac{f_{by3strut}}{F_{by3strut}} + \frac{f_{a3strut}}{F_{a3strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

## B. Waler

### Check Strong Axis Bending

–Assume simple span

$$M_{x3waler} := \frac{AF_3 \cdot TL_3^2}{8} = 1.665 \times 10^3 \text{ ft} \cdot \text{kip}$$

$$S_{3walerreqd} := \frac{M_{x3waler}}{.60 \cdot F_y} = 666 \cdot \text{in}^3$$



Use W33X201,  $S_x=436 \text{ in}^3$

#### 4.) ANCHOR FORCE 4 (Elevation -9.0)

$$AF_4 := 9.36 \frac{\text{kip}}{\text{ft}}$$

*Anchor Force 4 at Colorado East*

##### A. Pipe Strut

$$TL_4 := 30\text{ft}$$

*Tributory Length for Pipe Strut*

$$l_{4\text{strut}} := 29\text{ft}$$

*Unbraced Length of Struts at Level 4*

Assume a 14"x 5/8" Pipe

$$r_{4\text{strut}} := 4.73\text{in}$$

*Radius of Gyration of Assumed Pipe Strut*

$$A_{4\text{strut}} := 26.26\text{in}^2$$

*Area of Assumed Pipe Strut*

$$Wt_{4\text{strut}} := 89.36 \frac{\text{lb}}{\text{ft}}$$

*Weight of Assumed Pipe Strut*

$$S_{4\text{strut}} := 84.07\text{in}^3$$

*Section Modulus of Assumed Pipe Strut*

Check Axial Stress

$$\text{Round}\left(\frac{k \cdot l_{4\text{strut}}}{r_{4\text{strut}}}, 1\right) = 74$$

$$F_{a4\text{strut}} := 19.21\text{ksi}$$

*Allowable Axial Stress per Table C-50, Page 3-17 AISC ASD 9th Edition*

$$P_{4\text{strut}} := AF_4 \cdot TL_4 = 280.8 \text{ kip}$$

$$f_{a4\text{strut}} := \frac{P_{4\text{strut}}}{A_{4\text{strut}}} = 10.693 \cdot \text{ksi}$$

$$\frac{f_{a4\text{strut}}}{F_{a4\text{strut}}} = 0.557$$



$$\text{if} \left( \frac{f_{a4strut}}{F_{a4strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

#### Check Weak Axis Bending

–Assume simple span

$$M_{y4strut} := \frac{W_{t4strut} \cdot l_{4strut}^2}{8} = 9.394 \text{ ft} \cdot \text{kip}$$

$$f_{by4strut} := \frac{M_{y4strut}}{S_{4strut}} = 1.341 \cdot \text{ksi}$$

$$F_{by4strut} := .66 \cdot F_y = 33 \cdot \text{ksi}$$

$$\frac{f_{by4strut}}{F_{by4strut}} = 0.041$$

$$\text{if} \left( \frac{f_{by4strut}}{F_{by4strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

#### Check Combined Bending

$$\frac{f_{by4strut}}{F_{by4strut}} + \frac{f_{a4strut}}{F_{a4strut}} = 0.597$$

$$\text{if} \left( \frac{f_{by4strut}}{F_{by4strut}} + \frac{f_{a4strut}}{F_{a4strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

## B. Waler

#### Check Strong Axis Bending

–Assume simple span

$$M_{x4waler} := \frac{AF_4 \cdot TL_4^2}{8} = 1.053 \times 10^3 \text{ ft} \cdot \text{kip}$$



$$S_{4walerreqd} := \frac{M_x 4waler}{.60 \cdot F_y} = 421.2 \cdot \text{in}^3$$

Use W30x148,  $S_x = 436 \text{ in}^3$

## 5.) ANCHOR FORCE 5 (Elevation -3.0)

$$AF_5 := 6.9 \frac{\text{kip}}{\text{ft}}$$

*Anchor Force 5 at Brazos Colorado East*

### A. Pipe Strut

$$TL_5 := 30 \text{ ft}$$

*Tributory Length for Pipe Strut*

$$l_{5strut} := 29 \text{ ft}$$

*Unbraced Length of Struts at Level 5*

Assume a 12"x 3/8" Pipe

$$r_{5strut} := 4.38 \text{ in}$$

*Radius of Gyration of Assumed Pipe Strut*

$$A_{5strut} := 14.58 \text{ in}^2$$

*Area of Assumed Pipe Strut*

$$Wt_{5strut} := 49.61 \frac{\text{lb}}{\text{ft}}$$

*Weight of Assumed Pipe Strut*

$$S_{5strut} := 43.82 \text{ in}^3$$

*Section Modulus of Assumed Pipe Strut*

Check Axial Stress

$$\text{Round} \left( \frac{k \cdot l_{5strut}}{r_{5strut}}, 1 \right) = 79$$

$$F_{a5strut} := 19.21 \text{ ksi}$$

*Allowable Axial Stress per Table C-50, Page 3-17 AISC ASD 9th Edition*

$$P_{5strut} := AF_5 \cdot TL_5 = 207 \text{ kip}$$



$$f_{a5strut} := \frac{P_{5strut}}{A_{5strut}} = 14.198 \cdot \text{ksi}$$

$$\frac{f_{a5strut}}{F_{a5strut}} = 0.739$$

$$\text{if} \left( \frac{f_{a5strut}}{F_{a5strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

#### Check Weak Axis Bending

–Assume simple span

$$M_{y5strut} := \frac{Wt_{5strut} \cdot l_{5strut}^2}{8} = 5.215 \text{ ft} \cdot \text{kip}$$

$$f_{by5strut} := \frac{M_{y5strut}}{S_{5strut}} = 1.428 \cdot \text{ksi}$$

$$F_{by5strut} := .66 \cdot F_y = 33 \cdot \text{ksi}$$

$$\frac{f_{by5strut}}{F_{by5strut}} = 0.043$$

$$\text{if} \left( \frac{f_{by5strut}}{F_{by5strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

#### Check Combined Bending

$$\frac{f_{by5strut}}{F_{by5strut}} + \frac{f_{a5strut}}{F_{a5strut}} = 0.782$$

$$\text{if} \left( \frac{f_{by5strut}}{F_{by5strut}} + \frac{f_{a5strut}}{F_{a5strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

## B. Waler

#### Check Strong Axis Bending



US Army Corps  
of Engineers ®  
Galveston District

**GIWW Brazos River Floodgates and Colorado River Locks**  
**Final Integrated Feasibility Report and Environmental Impact Statement**

Des. By: JJR 09/04/18  
Chk. By: DPL 09/07/18

125' Sector Gate Brazos River East Cofferdam Design

11/12

–Assume simple span

$$M_{x5waler} := \frac{AF_5 \cdot TL_5^2}{8} = 776.25 \text{ ft} \cdot \text{kip}$$

$$S_{5walerreqd} := \frac{M_{x5waler}}{.60 \cdot F_y} = 310.5 \cdot \text{in}^3$$

Use W30x148,  $S_x=436 \text{ in}^3$





**US Army Corps  
of Engineers** ®  
Galveston District

**GIWW Brazos River Floodgates and Colorado River Locks**  
**Final Integrated Feasibility Report and Environmental Impact Statement**

125' Sector Gate Brazos River East Cofferdam Design

Des. By: JJR 09/04/18  
Chk. By: DPL 09/07/18

12/12



## 1.) ANCHOR FORCE 1 (tremie, middle at Elavation -27.0)

$$AF_1 := 10.758 \frac{\text{kip}}{\text{ft}}$$

*Anchor Force 1 at Colorado East*

### A. Seal Slab

$$f_c := 4\text{ksi}$$

*Compressive Strength of Seal Slab*

$$h_{\text{slab}} := 12\text{in}$$

*Thickness of Slab*

$$w_{\text{slab}} := 12\text{in}$$

*Width of Slab*

$$l_c := 20\text{ft}$$

*Vertical Distance Between Supports on Seal Slab*

$$A_1 := h_{\text{slab}} \cdot w_{\text{slab}}$$

$$LF := 1.7$$

$$P_u := AF_1 \cdot LF \cdot 1\text{ft} = 18.289\text{ kip}$$

$$\phi P_n := 0.60 \cdot f_c \cdot \left[ 1 - \left( \frac{l_c}{32 \cdot h_{\text{slab}}} \right)^2 \right] \cdot A_1 = 210.6\text{ kip} \quad \text{ACI 318 Eqn 22-4}$$

$$\text{if}(\phi P_n > P_u, \text{"OK"}, \text{"NG"}) = \text{"OK"}$$



## 2.) ANCHOR FORCE 2 (Elevation -19.0)

$$AF_2 := 13.962 \frac{\text{kip}}{\text{ft}}$$

*Anchor Force 2 at Colorado East*

### A. Pipe Strut

$$TL_2 := 30\text{ft}$$

*Tributary Length for Pipe Strut*

$$l_{2\text{strut}} := 29\text{ft}$$

*Unbraced Length of Struts at Level 2*

$$k := 1.0$$

Assume a 16" x 5/8" Pipe

$$r_{2\text{strut}} := 5.44\text{in}$$

*Radius of Gyration of Assumed Pipe Strut*

$$A_{2\text{strut}} := 30.19\text{in}^2$$

*Area of Assumed Pipe Strut*

$$Wt_{2\text{strut}} := 102.72 \frac{\text{lb}}{\text{ft}}$$

*Weight of Assumed Pipe Strut*

$$S_{2\text{strut}} := 111.69\text{in}^3$$

*Section Modulus of Assumed Pipe Strut*

$$F_y := 50\text{ksi}$$

*Assumed Yield Stress of Strut and Waler*

Check Axial Stress

$$\text{Round}\left(\frac{k \cdot l_{2\text{strut}}}{r_{2\text{strut}}}, 1\right) = 64$$

$$F_{a2\text{strut}} := 22.02\text{ksi}$$

*Allowable Axial Stress per Table C-50, Page 3-17 AISC ASD 9th Edition*

$$P_{2\text{strut}} := AF_2 \cdot TL_2 = 418.86 \text{ kip}$$

$$f_{a2\text{strut}} := \frac{P_{2\text{strut}}}{A_{2\text{strut}}} = 13.874 \cdot \text{ksi}$$

$$\frac{f_{a2\text{strut}}}{F_{a2\text{strut}}} = 0.63$$


---



$$\text{if} \left( \frac{f_{a2strut}}{F_{a2strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

### Check Weak Axis Bending

–Assume simple span

$$M_{y2strut} := \frac{W_{t2strut} \cdot l_{2strut}^2}{8} = 10.798 \text{ ft} \cdot \text{kip}$$

$$f_{by2strut} := \frac{M_{y2strut}}{S_{2strut}} = 1.16 \text{ ksi}$$

$$F_{by2strut} := .66 \cdot F_y = 33 \text{ ksi}$$

$$\frac{f_{by2strut}}{F_{by2strut}} = 0.035$$

$$\text{if} \left( \frac{f_{by2strut}}{F_{by2strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

### Check Combined Bending

$$\frac{f_{by2strut}}{F_{by2strut}} + \frac{f_{a2strut}}{F_{a2strut}} = 0.665$$

$$\text{if} \left( \frac{f_{by2strut}}{F_{by2strut}} + \frac{f_{a2strut}}{F_{a2strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

## B. Waler

### Check Strong Axis Bending

–Assume simple span

$$M_{x2waler} := \frac{AF_2 \cdot TL_2^2}{8} = 1.571 \times 10^3 \text{ ft} \cdot \text{kip}$$



US Army Corps  
of Engineers ®  
Galveston District

**GIWW Brazos River Floodgates and Colorado River Locks**  
**Final Integrated Feasibility Report and Environmental Impact Statement**

125' Sector Gate Colorado River East Cofferdam Design

Des. By: JJR 09/04/18  
Chk. By: DPL 09/07/18

4/12

$$S_{2\text{walerreqd}} := \frac{M_{x2\text{waler}}}{.60 \cdot F_y} = 628.29 \cdot \text{in}^3$$

Use W36X260,  $S_x = 953 \text{ in}^3$



### 3.) ANCHOR FORCE 3 (Elevation -14.0)

$$AF_3 := 8.264 \frac{\text{kip}}{\text{ft}}$$

*Anchor Force 3 at Colorado East*

#### A. Pipe Strut

$$TL_3 := 30\text{ft}$$

*Tributary Length for Pipe Strut*

$$l_{3\text{strut}} := 29\text{ft}$$

*Unbraced Length of Struts at Level 3*

Assume a 12"x 3/8" Pipe

$$r_{3\text{strut}} := 4.38\text{in}$$

*Radius of Gyration of Assumed Pipe Strut*

$$A_{3\text{strut}} := 14.58\text{in}^2$$

*Area of Assumed Pipe Strut*

$$Wt_{3\text{strut}} := 49.61 \frac{\text{lb}}{\text{ft}}$$

*Weight of Assumed Pipe Strut*

$$S_{3\text{strut}} := 43.82\text{in}^3$$

*Section Modulus of Assumed Pipe Strut*

Check Axial Stress

$$\text{Round} \left( \frac{k \cdot l_{3\text{strut}}}{r_{3\text{strut}}}, 1 \right) = 79$$

$$F_{a3\text{strut}} := 19.21\text{ksi}$$

*Allowable Axial Stress per Table C-50, Page 3-17 AISC ASD 9th Edition*

$$P_{3\text{strut}} := AF_3 \cdot TL_3 = 247.92\text{kip}$$

$$f_{a3\text{strut}} := \frac{P_{3\text{strut}}}{A_{3\text{strut}}} = 17.004\text{ksi}$$

$$\frac{f_{a3\text{strut}}}{F_{a3\text{strut}}} = 0.885$$

$$\text{if} \left( \frac{f_{a3\text{strut}}}{F_{a3\text{strut}}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$



### Check Weak Axis Bending

–Assume simple span

$$M_{y3strut} := \frac{W_{t3strut} \cdot l_{3strut}^2}{8} = 5.215 \text{ ft} \cdot \text{kip}$$

$$f_{by3strut} := \frac{M_{y3strut}}{S_{3strut}} = 1.428 \cdot \text{ksi}$$

$$F_{by3strut} := .66 \cdot F_y = 33 \cdot \text{ksi}$$

$$\frac{f_{by3strut}}{F_{by3strut}} = 0.043$$

$$\text{if} \left( \frac{f_{by3strut}}{F_{by3strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

### Check Combined Bending

$$\frac{f_{by3strut}}{F_{by3strut}} + \frac{f_{a3strut}}{F_{a3strut}} = 0.928$$

$$\text{if} \left( \frac{f_{by3strut}}{F_{by3strut}} + \frac{f_{a3strut}}{F_{a3strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

## B. Waler

### Check Strong Axis Bending

–Assume simple span

$$M_{x3waler} := \frac{AF_3 \cdot TL_3^2}{8} = 929.7 \text{ ft} \cdot \text{kip}$$

$$S_{3walerreqd} := \frac{M_{x3waler}}{.60 \cdot F_y} = 371.88 \cdot \text{in}^3$$



Use W30x148,  $S_x=436 \text{ in}^3$

#### 4.) ANCHOR FORCE 4 (Elevation -9.0)

$$AF_4 := 6.467 \frac{\text{kip}}{\text{ft}}$$

*Anchor Force 4 at Colorado East*

##### A. Pipe Strut

$$TL_4 := 30\text{ft}$$

*Tributory Length for Pipe Strut*

$$l_{4\text{strut}} := 29\text{ft}$$

*Unbraced Length of Struts at Level 4*

Assume a 12"x 3/8" Pipe

$$r_{4\text{strut}} := 4.38\text{in}$$

*Radius of Gyration of Assumed Pipe Strut*

$$A_{4\text{strut}} := 14.58\text{in}^2$$

*Area of Assumed Pipe Strut*

$$Wt_{4\text{strut}} := 49.61 \frac{\text{lb}}{\text{ft}}$$

*Weight of Assumed Pipe Strut*

$$S_{4\text{strut}} := 43.82\text{in}^3$$

*Section Modulus of Assumed Pipe Strut*

Check Axial Stress

$$\text{Round}\left(\frac{k \cdot l_{4\text{strut}}}{r_{4\text{strut}}}, 1\right) = 79$$

$$F_{a4\text{strut}} := 19.21\text{ksi}$$

*Allowable Axial Stress per Table C-50, Page 3-17 AISC ASD 9th Edition*

$$P_{4\text{strut}} := AF_4 \cdot TL_4 = 194.01 \text{ kip}$$

$$f_{a4\text{strut}} := \frac{P_{4\text{strut}}}{A_{4\text{strut}}} = 13.307 \cdot \text{ksi}$$

$$\frac{f_{a4\text{strut}}}{F_{a4\text{strut}}} = 0.693$$





$$\text{if} \left( \frac{f_{a4\text{strut}}}{F_{a4\text{strut}}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

#### Check Weak Axis Bending

–Assume simple span

$$M_{y4\text{strut}} := \frac{W_{t4\text{strut}} \cdot l_{4\text{strut}}^2}{8} = 5.215 \text{ ft} \cdot \text{kip}$$

$$f_{by4\text{strut}} := \frac{M_{y4\text{strut}}}{S_{4\text{strut}}} = 1.428 \cdot \text{ksi}$$

$$F_{by4\text{strut}} := .66 \cdot F_y = 33 \cdot \text{ksi}$$

$$\frac{f_{by4\text{strut}}}{F_{by4\text{strut}}} = 0.043$$

$$\text{if} \left( \frac{f_{by4\text{strut}}}{F_{by4\text{strut}}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

#### Check Combined Bending

$$\frac{f_{by4\text{strut}}}{F_{by4\text{strut}}} + \frac{f_{a4\text{strut}}}{F_{a4\text{strut}}} = 0.736$$

$$\text{if} \left( \frac{f_{by4\text{strut}}}{F_{by4\text{strut}}} + \frac{f_{a4\text{strut}}}{F_{a4\text{strut}}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

## B. Waler

#### Check Strong Axis Bending

–Assume simple span

$$M_{x4\text{waler}} := \frac{AF_4 \cdot TL_4^2}{8} = 727.537 \text{ ft} \cdot \text{kip}$$



$$S_{4walerreqd} := \frac{M_x 4waler}{.60 \cdot F_y} = 291.015 \cdot \text{in}^3$$

Use W30x148,  $S_x = 436 \text{ in}^3$

## 5.) ANCHOR FORCE 5 (Elevation -3.0)

$$AF_5 := 7.418 \frac{\text{kip}}{\text{ft}}$$

*Anchor Force 5 at Brazos Colorado East*

### A. Pipe Strut

$$TL_5 := 30 \text{ ft}$$

*Tributory Length for Pipe Strut*

$$l_{5strut} := 29 \text{ ft}$$

*Unbraced Length of Struts at Level 5*

Assume a 12"x 3/8" Pipe

$$r_{5strut} := 4.38 \text{ in}$$

*Radius of Gyration of Assumed Pipe Strut*

$$A_{5strut} := 14.58 \text{ in}^2$$

*Area of Assumed Pipe Strut*

$$Wt_{5strut} := 49.61 \frac{\text{lb}}{\text{ft}}$$

*Weight of Assumed Pipe Strut*

$$S_{5strut} := 43.82 \text{ in}^3$$

*Section Modulus of Assumed Pipe Strut*

Check Axial Stress

$$\text{Round} \left( \frac{k \cdot l_{5strut}}{r_{5strut}}, 1 \right) = 79$$

$$F_{a5strut} := 19.21 \text{ ksi}$$

*Allowable Axial Stress per Table C-50, Page 3-17 AISC ASD 9th Edition*

$$P_{5strut} := AF_5 \cdot TL_5 = 222.54 \text{ kip}$$



$$f_{a5strut} := \frac{P_{5strut}}{A_{5strut}} = 15.263 \cdot \text{ksi}$$

$$\frac{f_{a5strut}}{F_{a5strut}} = 0.795$$

$$\text{if} \left( \frac{f_{a5strut}}{F_{a5strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

#### Check Weak Axis Bending

–Assume simple span

$$M_{y5strut} := \frac{Wt_{5strut} \cdot l_{5strut}^2}{8} = 5.215 \text{ ft} \cdot \text{kip}$$

$$f_{by5strut} := \frac{M_{y5strut}}{S_{5strut}} = 1.428 \cdot \text{ksi}$$

$$F_{by5strut} := .66 \cdot F_y = 33 \cdot \text{ksi}$$

$$\frac{f_{by5strut}}{F_{by5strut}} = 0.043$$

$$\text{if} \left( \frac{f_{by5strut}}{F_{by5strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

#### Check Combined Bending

$$\frac{f_{by5strut}}{F_{by5strut}} + \frac{f_{a5strut}}{F_{a5strut}} = 0.838$$

$$\text{if} \left( \frac{f_{by5strut}}{F_{by5strut}} + \frac{f_{a5strut}}{F_{a5strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

## B. Waler

#### Check Strong Axis Bending



US Army Corps  
of Engineers ®  
Galveston District

**GIWW Brazos River Floodgates and Colorado River Locks**  
**Final Integrated Feasibility Report and Environmental Impact Statement**

Des. By: JJR 09/04/18  
Chk. By: DPL 09/07/18

125' Sector Gate Colorado River East Cofferdam Design

11/12

–Assume simple span

$$M_{x5waler} := \frac{AF_5 \cdot TL_5^2}{8} = 834.525 \text{ ft}\cdot\text{kip}$$

$$S_{5walerreqd} := \frac{M_{x5waler}}{.60 \cdot F_y} = 333.81 \cdot \text{in}^3$$

Use W30x148,  $S_x=436 \text{ in}^3$



**US Army Corps  
of Engineers** ®  
Galveston District

**GIWW Brazos River Floodgates and Colorado River Locks**  
**Final Integrated Feasibility Report and Environmental Impact Statement**

125' Sector Gate Colorado River East Cofferdam Design

Des. By: JJR 09/04/18  
Chk. By: DPL 09/07/18

12/12



## 1.) ANCHOR FORCE 1 (tremie, middle at Elavation -27.0)

$$AF_1 := 15.72 \frac{\text{kip}}{\text{ft}}$$

*Anchor Force 1 at Colorado East*

### A. Seal Slab

$$f_c := 4\text{ksi}$$

*Compressive Strength of Seal Slab*

$$h_{\text{slab}} := 12\text{in}$$

*Thickness of Slab*

$$w_{\text{slab}} := 12\text{in}$$

*Width of Slab*

$$l_c := 20\text{ft}$$

*Vertical Distance Between Supports on Seal Slab*

$$A_1 := h_{\text{slab}} \cdot w_{\text{slab}}$$

$$LF := 1.7$$

$$P_u := AF_1 \cdot LF \cdot 1\text{ft} = 26.724\text{ kip}$$

$$\phi P_n := 0.60 \cdot f_c \cdot \left[ 1 - \left( \frac{l_c}{32 \cdot h_{\text{slab}}} \right)^2 \right] \cdot A_1 = 210.6\text{ kip} \quad \text{ACI 318 Eqn 22-4}$$

$$\text{if}(\phi P_n > P_u, \text{"OK"}, \text{"NG"}) = \text{"OK"}$$



## 2.) ANCHOR FORCE 2 (Elevation -19.0)

$$AF_2 := 20.61 \frac{\text{kip}}{\text{ft}}$$

*Anchor Force 2 at Colorado East*

### A. Pipe Strut

$$TL_2 := 30\text{ft}$$

*Tributary Length for Pipe Strut*

$$l_{2\text{strut}} := 29\text{ft}$$

*Unbraced Length of Struts at Level 2*

$$k := 1.0$$

Assume a 16" x 5/8" Pipe

$$r_{2\text{strut}} := 5.44\text{in}$$

*Radius of Gyration of Assumed Pipe Strut*

$$A_{2\text{strut}} := 30.19\text{in}^2$$

*Area of Assumed Pipe Strut*

$$Wt_{2\text{strut}} := 102.72 \frac{\text{lbft}}{\text{ft}}$$

*Weight of Assumed Pipe Strut*

$$S_{2\text{strut}} := 111.69\text{in}^3$$

*Section Modulus of Assumed Pipe Strut*

$$F_y := 50\text{ksi}$$

*Assumed Yield Stress of Strut and Waler*

Check Axial Stress

$$\text{Round}\left(\frac{k \cdot l_{2\text{strut}}}{r_{2\text{strut}}}, 1\right) = 64$$

$$F_{a2\text{strut}} := 22.02\text{ksi}$$

*Allowable Axial Stress per Table C-50, Page 3-17 AISC ASD 9th Edition*

$$P_{2\text{strut}} := AF_2 \cdot TL_2 = 618.3 \text{ kip}$$

$$f_{a2\text{strut}} := \frac{P_{2\text{strut}}}{A_{2\text{strut}}} = 20.48 \cdot \text{ksi}$$

$$\frac{f_{a2\text{strut}}}{F_{a2\text{strut}}} = 0.93$$


---



$$\text{if} \left( \frac{f_{a2strut}}{F_{a2strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

#### Check Weak Axis Bending

–Assume simple span

$$M_{y2strut} := \frac{W_{t2strut} \cdot l_{2strut}^2}{8} = 10.798 \text{ ft}\cdot\text{kip}$$

$$f_{by2strut} := \frac{M_{y2strut}}{S_{2strut}} = 1.16 \text{ ksi}$$

$$F_{by2strut} := .66 \cdot F_y = 33 \text{ ksi}$$

$$\frac{f_{by2strut}}{F_{by2strut}} = 0.035$$

$$\text{if} \left( \frac{f_{by2strut}}{F_{by2strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

#### Check Combined Bending

$$\frac{f_{by2strut}}{F_{by2strut}} + \frac{f_{a2strut}}{F_{a2strut}} = 0.965$$

$$\text{if} \left( \frac{f_{by2strut}}{F_{by2strut}} + \frac{f_{a2strut}}{F_{a2strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

## B. Waler

#### Check Strong Axis Bending

–Assume simple span

$$M_{x2waler} := \frac{AF_2 \cdot TL_2^2}{8} = 2.319 \times 10^3 \text{ ft}\cdot\text{kip}$$

---





US Army Corps  
of Engineers ®  
Galveston District

**GIWW Brazos River Floodgates and Colorado River Locks**  
**Final Integrated Feasibility Report and Environmental Impact Statement**

125' Sector Gate Colorado River West Cofferdam Design

Des. By: JJR 09/04/18  
Chk. By: DPL 09/07/18

4/12

$$S_{2\text{walerreqd}} := \frac{M_{x2\text{waler}}}{.60 \cdot F_y} = 927.45 \cdot \text{in}^3$$

Use W36X260,  $S_x = 953 \text{ in}^3$



### 3.) ANCHOR FORCE 3 (Elevation -14.0)

$$AF_3 := 7.92 \frac{\text{kip}}{\text{ft}}$$

*Anchor Force 3 at Colorado East*

#### A. Pipe Strut

$$TL_3 := 30\text{ft}$$

*Tributary Length for Pipe Strut*

$$l_{3\text{strut}} := 29\text{ft}$$

*Unbraced Length of Struts at Level 3*

Assume a 12"x 3/8" Pipe

$$r_{3\text{strut}} := 4.38\text{in}$$

*Radius of Gyration of Assumed Pipe Strut*

$$A_{3\text{strut}} := 14.58\text{in}^2$$

*Area of Assumed Pipe Strut*

$$Wt_{3\text{strut}} := 49.61 \frac{\text{lb}}{\text{ft}}$$

*Weight of Assumed Pipe Strut*

$$S_{3\text{strut}} := 43.82\text{in}^3$$

*Section Modulus of Assumed Pipe Strut*

Check Axial Stress

$$\text{Round}\left(\frac{k \cdot l_{3\text{strut}}}{r_{3\text{strut}}}, 1\right) = 79$$

$$F_{a3\text{strut}} := 19.21\text{ksi}$$

*Allowable Axial Stress per Table C-50, Page 3-17 AISC ASD 9th Edition*

$$P_{3\text{strut}} := AF_3 \cdot TL_3 = 237.6\text{kip}$$

$$f_{a3\text{strut}} := \frac{P_{3\text{strut}}}{A_{3\text{strut}}} = 16.296\text{ksi}$$

$$\frac{f_{a3\text{strut}}}{F_{a3\text{strut}}} = 0.848$$

$$\text{if}\left(\frac{f_{a3\text{strut}}}{F_{a3\text{strut}}} < 1, \text{"OK"}, \text{"NG"}\right) = \text{"OK"}$$



### Check Weak Axis Bending

–Assume simple span

$$M_{y3strut} := \frac{Wt_{3strut} \cdot l_{3strut}^2}{8} = 5.215 \text{ ft} \cdot \text{kip}$$

$$f_{by3strut} := \frac{M_{y3strut}}{S_{3strut}} = 1.428 \cdot \text{ksi}$$

$$F_{by3strut} := .66 \cdot F_y = 33 \cdot \text{ksi}$$

$$\frac{f_{by3strut}}{F_{by3strut}} = 0.043$$

$$\text{if} \left( \frac{f_{by3strut}}{F_{by3strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

### Check Combined Bending

$$\frac{f_{by3strut}}{F_{by3strut}} + \frac{f_{a3strut}}{F_{a3strut}} = 0.892$$

$$\text{if} \left( \frac{f_{by3strut}}{F_{by3strut}} + \frac{f_{a3strut}}{F_{a3strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

## B. Waler

### Check Strong Axis Bending

–Assume simple span

$$M_{x3waler} := \frac{AF_3 \cdot TL_3^2}{8} = 891 \text{ ft} \cdot \text{kip}$$

$$S_{3walerreqd} := \frac{M_{x3waler}}{.60 \cdot F_y} = 356.4 \cdot \text{in}^3$$



Use W30x148,  $S_x=436 \text{ in}^3$

#### 4.) ANCHOR FORCE 4 (Elevation -9.0)

$$AF_4 := 8.52 \frac{\text{kip}}{\text{ft}}$$

*Anchor Force 4 at Colorado East*

##### A. Pipe Strut

$$TL_4 := 30\text{ft}$$

*Tributary Length for Pipe Strut*

$$l_{4\text{strut}} := 29\text{ft}$$

*Unbraced Length of Struts at Level 4*

Assume a 12"x 3/8" Pipe

$$r_{4\text{strut}} := 4.38\text{in}$$

*Radius of Gyration of Assumed Pipe Strut*

$$A_{4\text{strut}} := 14.58\text{in}^2$$

*Area of Assumed Pipe Strut*

$$Wt_{4\text{strut}} := 49.61 \frac{\text{lb}}{\text{ft}}$$

*Weight of Assumed Pipe Strut*

$$S_{4\text{strut}} := 43.82\text{in}^3$$

*Section Modulus of Assumed Pipe Strut*

Check Axial Stress

$$\text{Round}\left(\frac{k \cdot l_{4\text{strut}}}{r_{4\text{strut}}}, 1\right) = 79$$

$$F_{a4\text{strut}} := 19.21\text{ksi}$$

*Allowable Axial Stress per Table C-50, Page 3-17 AISC ASD 9th Edition*

$$P_{4\text{strut}} := AF_4 \cdot TL_4 = 255.6 \text{ kip}$$

$$f_{a4\text{strut}} := \frac{P_{4\text{strut}}}{A_{4\text{strut}}} = 17.531 \cdot \text{ksi}$$

$$\frac{f_{a4\text{strut}}}{F_{a4\text{strut}}} = 0.913$$



$$\text{if} \left( \frac{f_{a4strut}}{F_{a4strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

#### Check Weak Axis Bending

–Assume simple span

$$M_{y4strut} := \frac{W_{t4strut} \cdot l_{4strut}^2}{8} = 5.215 \text{ ft} \cdot \text{kip}$$

$$f_{by4strut} := \frac{M_{y4strut}}{S_{4strut}} = 1.428 \cdot \text{ksi}$$

$$F_{by4strut} := .66 \cdot F_y = 33 \cdot \text{ksi}$$

$$\frac{f_{by4strut}}{F_{by4strut}} = 0.043$$

$$\text{if} \left( \frac{f_{by4strut}}{F_{by4strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

#### Check Combined Bending

$$\frac{f_{by4strut}}{F_{by4strut}} + \frac{f_{a4strut}}{F_{a4strut}} = 0.956$$

$$\text{if} \left( \frac{f_{by4strut}}{F_{by4strut}} + \frac{f_{a4strut}}{F_{a4strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

## B. Waler

#### Check Strong Axis Bending

–Assume simple span

$$M_{x4waler} := \frac{AF_4 \cdot TL_4^2}{8} = 958.5 \text{ ft} \cdot \text{kip}$$



$$S_{4walerreqd} := \frac{M_x 4waler}{.60 \cdot F_y} = 383.4 \cdot \text{in}^3$$

Use W30x148,  $S_x = 436 \text{ in}^3$

## 5.) ANCHOR FORCE 5 (Elevation -3.0)

$$AF_5 := 8.99 \frac{\text{kip}}{\text{ft}}$$

*Anchor Force 5 at Brazos Colorado East*

### A. Pipe Strut

$$TL_5 := 30 \text{ ft}$$

*Tributory Length for Pipe Strut*

$$l_{5strut} := 29 \text{ ft}$$

*Unbraced Length of Struts at Level 5*

Assume a 12"x 3/8" Pipe

$$r_{5strut} := 4.38 \text{ in}$$

*Radius of Gyration of Assumed Pipe Strut*

$$A_{5strut} := 14.58 \text{ in}^2$$

*Area of Assumed Pipe Strut*

$$Wt_{5strut} := 49.61 \frac{\text{lb}}{\text{ft}}$$

*Weight of Assumed Pipe Strut*

$$S_{5strut} := 43.82 \text{ in}^3$$

*Section Modulus of Assumed Pipe Strut*

Check Axial Stress

$$\text{Round} \left( \frac{k \cdot l_{5strut}}{r_{5strut}}, 1 \right) = 79$$

$$F_{a5strut} := 19.21 \text{ ksi}$$

*Allowable Axial Stress per Table C-50, Page 3-17 AISC ASD 9th Edition*

$$P_{5strut} := AF_5 \cdot TL_5 = 269.7 \text{ kip}$$



$$f_{a5strut} := \frac{P_{5strut}}{A_{5strut}} = 18.498 \cdot \text{ksi}$$

$$\frac{f_{a5strut}}{F_{a5strut}} = 0.963$$

$$\text{if} \left( \frac{f_{a5strut}}{F_{a5strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

### Check Weak Axis Bending

–Assume simple span

$$M_{y5strut} := \frac{Wt_{5strut} \cdot l_{5strut}^2}{8} = 5.215 \text{ ft} \cdot \text{kip}$$

$$f_{by5strut} := \frac{M_{y5strut}}{S_{5strut}} = 1.428 \cdot \text{ksi}$$

$$F_{by5strut} := .66 \cdot F_y = 33 \cdot \text{ksi}$$

$$\frac{f_{by5strut}}{F_{by5strut}} = 0.043$$

$$\text{if} \left( \frac{f_{by5strut}}{F_{by5strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"OK"}$$

### Check Combined Bending

$$\frac{f_{by5strut}}{F_{by5strut}} + \frac{f_{a5strut}}{F_{a5strut}} = 1.006$$

$$\text{if} \left( \frac{f_{by5strut}}{F_{by5strut}} + \frac{f_{a5strut}}{F_{a5strut}} < 1, \text{"OK"}, \text{"NG"} \right) = \text{"NG"}$$

Ok by inspection

## B. Waler

### Check Strong Axis Bending



US Army Corps  
of Engineers ®  
Galveston District

**GIWW Brazos River Floodgates and Colorado River Locks**  
**Final Integrated Feasibility Report and Environmental Impact Statement**

125' Sector Gate Colorado River West Cofferdam Design

Des. By: JJR 09/04/18  
Chk. By: DPL 09/07/18

11/12

–Assume simple span

$$M_{x5waler} := \frac{AF_5 \cdot TL_5^2}{8} = 1.011 \times 10^3 \text{ ft} \cdot \text{kip}$$

$$S_{5walerreqd} := \frac{M_{x5waler}}{.60 \cdot F_y} = 404.55 \cdot \text{in}^3$$

Use W30x148,  $S_x=436 \text{ in}^3$





**US Army Corps  
of Engineers** ®  
Galveston District

**GIWW Brazos River Floodgates and Colorado River Locks**  
**Final Integrated Feasibility Report and Environmental Impact Statement**

125' Sector Gate Colorado River West Cofferdam Design

Des. By: JJR 09/04/18  
Chk. By: DPL 09/07/18

12/12

# Pile Foundation Design

## 1.) PILE FOUNDATION DESIGN

### A. DESIGN ASSUMPTION AND LOAD CASES

This design calculates the loads to be input into CPGA. Loadings include dead load and hydrostatic loadings. It is assumed there is no wave loading. It is assumed that fill is submerged and at the same elevation on each side of structure; therefore soil lateral load is not included in calculations. Only impervious uplift conditions are investigated for the feasibility level design.

#### Material Properties and Loadings

$$E_s := 29000000 \text{psi}$$

$$p_w := 50 \text{psf}$$

*Wind Pressure (ASCE 7 to be checked during P&S design)*

$$p_{LL} := 100 \text{psf}$$

*Live Load*

$$\gamma_w := 62.4 \text{pcf}$$

*Unit Weight of Water*

$$\gamma_c := 150 \text{pcf}$$

*Unit Weight of Concrete*

$$F_{\text{wave}} := 0 \frac{\text{kip}}{\text{ft}}$$

It is assumed that due to the location of the gates there is no wave loading.

$$A_{\text{wave}} := 0 \text{ft}$$

#### Geometry

$$\text{TOS} := 16.0 \text{ft}$$

*Top of Structure*

$$\text{EL}_{\text{topslab}} := -16.0 \text{ft}$$

*Elevation of Top of Base Slab*

$$\text{EL}_{\text{bs}} := -26.0 \text{ft}$$

*Elevation at Bottom of Base Slab*

$$\text{Width} := 310.5 \text{ft}$$

*Width of Structure*

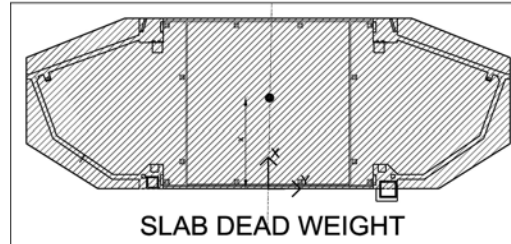
## B. DEAD WEIGHT

### Slab Properties

$$A_{\text{slab}} := 32755 \text{ft}^2$$

$$x_{\text{slab}} := 59.73 \text{ft}$$

$$y_{\text{slab}} := 0 \text{ft}$$



$$t_{\text{slab}} := EL_{\text{topslab}} - EL_{\text{bs}} = 120 \text{ in} \quad \text{Thickness of base slab}$$

$$W_{\text{slab}} := A_{\text{slab}} \cdot t_{\text{slab}} \cdot \gamma_c = 4.913 \times 10^4 \text{ kip}$$

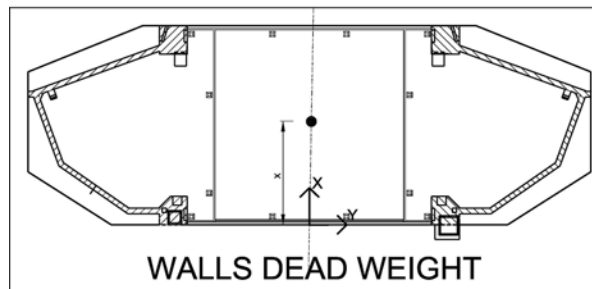
$$M_{y\text{slab}} := W_{\text{slab}} \cdot -x_{\text{slab}} = -2.935 \times 10^6 \text{ ft} \cdot \text{kip}$$

### Wall Properties

$$A_{\text{wall}} := 3272 \text{ft}^2$$

$$x_{\text{wall}} := 59.23 \text{ft}$$

$$y_{\text{wall}} := 0 \text{ft}$$



$$h_{\text{walls}} := \text{TOS} - EL_{\text{topslab}} = 32 \cdot \text{ft} \quad \text{Thickness of base slab}$$

$$W_{\text{walls}} := A_{\text{wall}} \cdot h_{\text{walls}} \cdot \gamma_c = 1.571 \times 10^4 \text{ kip}$$

$$M_{y\text{walls}} := W_{\text{walls}} \cdot -x_{\text{wall}} = -9.302 \times 10^5 \text{ ft} \cdot \text{kip}$$

### Gate Properties



US Army Corps  
of Engineers<sup>®</sup>  
Galveston District

**GIWW Brazos River Floodgates and Colorado River Locks**

**Final Integrated Feasibility Report and  
Environmental Impact Statement**

125' Sector Gate Pile Foundation Loading

Des By: JJR 09/19/18  
Chk By: DLP 09/19/18

3/13

$$W_{\text{gate}} := 800 \text{ kip}$$

$$x_{\text{gate}} := 93.5 \text{ ft}$$

$$M_{y\text{gate}} := W_{\text{gate}} \cdot -x_{\text{gate}} = -7.48 \times 10^4 \text{ ft}\cdot\text{kip}$$

Total Dead Weight

$$W_{\text{dead}} := W_{\text{walls}} + W_{\text{slab}} + W_{\text{gate}} = 6.564 \times 10^4 \text{ kip}$$

$$M_{y\text{dead}} := M_{y\text{walls}} + M_{y\text{slab}} + M_{y\text{gate}} = -3.94 \times 10^6 \text{ ft}\cdot\text{kip}$$

## C. HYDROSTATIC LOADS

### HYDROSTATIC LOAD CASES

#### Load Case 1 - High River Conditions

$$EL_{ps1} := 0\text{ft}$$

For all load cases 'ps' means GIWW side and  
'fs' means River side.

$$EL_{fs1} := 8\text{ft}$$

#### Load Case 2 - Extreme Flood

$$EL_{ps2} := -2\text{ft}$$

Extreme Flood event was selected here because in an extreme Hurricane Event, the surge will inundate the entire coastal area, so both the GIWW and River would be the same elevation. Once the water gets above 3 or 4ft, all the land in that area is inundated. The worst differential will be during a flood event at low tide. Assume 10ft in the river, and a low tide of -2ft in the GIWW.

$$EL_{fs2} := 10\text{ft}$$

#### Load Case 3 - Reverse Loading

$$EL_{ps3} := 2\text{ft}$$

$$EL_{fs3} := -1\text{ft}$$

#### Load Case 4 - Dewatering

$$EL_{ps4} := 5\text{ft}$$

$$EL_{fs4} := 5\text{ft}$$

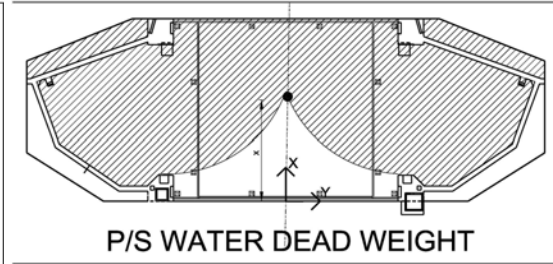
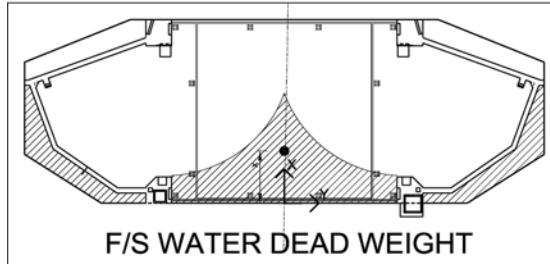
### WATER DEAD LOAD

$$Area_{waterfs} := 6340\text{ft}^2$$

$$X_{waterfs} := 23.41\text{ft}$$

$$Area_{waterps} := 23114\text{ft}^2$$

$$X_{waterps} := 69.72\text{ft}$$

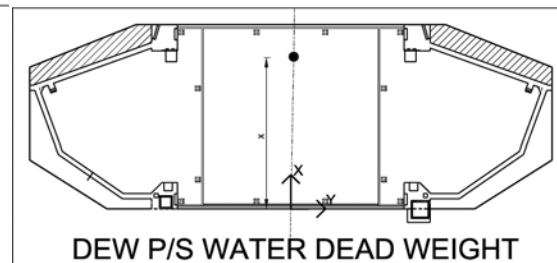
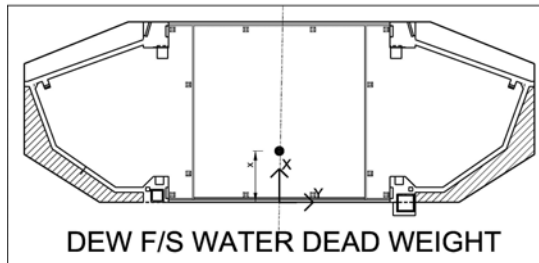


$$\text{Area}_{\text{waterfsdw}} := 2233\text{ft}^2$$

$$x_{\text{waterfsdw}} := 26.09\text{ft}$$

$$\text{Area}_{\text{waterpsdw}} := 2743\text{ft}^2$$

$$x_{\text{waterpsdw}} := 101.67\text{ft}$$



Load Case 1 - High River Conditions

$$W_{\text{waterFS1}} := (\text{EL}_{\text{fs1}} - \text{EL}_{\text{topslab}}) \cdot \text{Area}_{\text{waterfs}} \cdot \gamma_w = 9.495 \times 10^3 \text{ kip}$$

$$W_{\text{waterPS1}} := (\text{EL}_{\text{ps1}} - \text{EL}_{\text{topslab}}) \cdot \text{Area}_{\text{waterps}} \cdot \gamma_w = 2.308 \times 10^4 \text{ kip}$$

$$F_{\text{zwat1}} := W_{\text{waterFS1}} + W_{\text{waterPS1}} = 3.257 \times 10^4 \text{ kip}$$

$$M_{\text{waterFS1}} := W_{\text{waterFS1}} \cdot -x_{\text{waterfs}} = -2.223 \times 10^5 \text{ ft} \cdot \text{kip}$$

$$M_{\text{waterPS1}} := W_{\text{waterPS1}} \cdot -x_{\text{waterps}} = -1.609 \times 10^6 \text{ ft} \cdot \text{kip}$$

$$M_{\text{ywat1}} := M_{\text{waterFS1}} + M_{\text{waterPS1}} = -1.831 \times 10^6 \text{ ft} \cdot \text{kip}$$

Load Case 2 - Extreme Flood

$$W_{\text{waterFS2}} := (\text{EL}_{\text{fs2}} - \text{EL}_{\text{topslab}}) \cdot \text{Area}_{\text{waterfs}} \cdot \gamma_w = 1.029 \times 10^4 \text{ kip}$$

$$W_{\text{waterPS2}} := (EL_{\text{ps2}} - EL_{\text{topslab}}) \cdot \text{Area}_{\text{waterps}} \cdot \gamma_w = 2.019 \times 10^4 \text{ kip}$$

$$F_{\text{zwat2}} := W_{\text{waterFS2}} + W_{\text{waterPS2}} = 3.048 \times 10^4 \text{ kip}$$

$$M_{\text{waterFS2}} := W_{\text{waterFS2}} \cdot -x_{\text{waterfs}} = -2.408 \times 10^5 \text{ ft} \cdot \text{kip}$$

$$M_{\text{waterPS2}} := W_{\text{waterPS2}} \cdot -x_{\text{waterps}} = -1.408 \times 10^6 \text{ ft} \cdot \text{kip}$$

$$M_{\text{ywat2}} := M_{\text{waterFS2}} + M_{\text{waterPS2}} = -1.649 \times 10^6 \text{ ft} \cdot \text{kip}$$

#### Load Case 3 - Reverse

$$W_{\text{waterFS3}} := (EL_{\text{fs3}} - EL_{\text{topslab}}) \cdot \text{Area}_{\text{waterfs}} \cdot \gamma_w = 5.934 \times 10^3 \text{ kip}$$

$$W_{\text{waterPS3}} := (EL_{\text{ps3}} - EL_{\text{topslab}}) \cdot \text{Area}_{\text{waterps}} \cdot \gamma_w = 2.596 \times 10^4 \text{ kip}$$

$$F_{\text{zwat3}} := W_{\text{waterFS3}} + W_{\text{waterPS3}} = 3.19 \times 10^4 \text{ kip}$$

$$M_{\text{waterFS3}} := W_{\text{waterFS3}} \cdot -x_{\text{waterfs}} = -1.389 \times 10^5 \text{ ft} \cdot \text{kip}$$

$$M_{\text{waterPS3}} := W_{\text{waterPS3}} \cdot -x_{\text{waterps}} = -1.81 \times 10^6 \text{ ft} \cdot \text{kip}$$

$$M_{\text{ywat3}} := M_{\text{waterFS3}} + M_{\text{waterPS3}} = -1.949 \times 10^6 \text{ ft} \cdot \text{kip}$$

#### Load Case 4 - Dewatering

$$W_{\text{waterFS4}} := (EL_{\text{fs4}} - EL_{\text{topslab}}) \cdot \text{Area}_{\text{waterfsdw}} \cdot \gamma_w = 2.926 \times 10^3 \text{ kip}$$

$$W_{\text{waterPS4}} := (EL_{\text{ps4}} - EL_{\text{topslab}}) \cdot \text{Area}_{\text{waterpsdw}} \cdot \gamma_w = 3.594 \times 10^3 \text{ kip}$$

$$F_{\text{zwat4}} := W_{\text{waterFS4}} + W_{\text{waterPS4}} = 6.521 \times 10^3 \text{ kip}$$

$$M_{\text{waterFS4}} := W_{\text{waterFS4}} \cdot -x_{\text{waterfsdw}} = -7.634 \times 10^4 \text{ ft} \cdot \text{kip}$$

$$M_{\text{waterPS4}} := W_{\text{waterPS4}} \cdot -x_{\text{waterpsdw}} = -3.654 \times 10^5 \text{ ft} \cdot \text{kip}$$

$$M_{\text{ywat4}} := M_{\text{waterFS4}} + M_{\text{waterPS4}} = -4.418 \times 10^5 \text{ ft} \cdot \text{kip}$$

#### UPLIFT

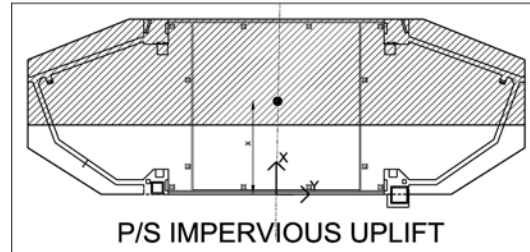
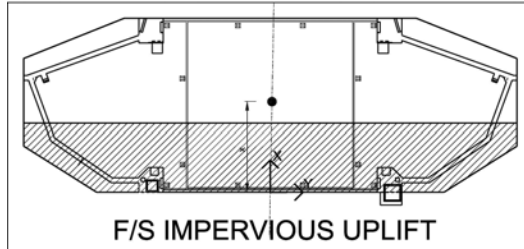
$$\text{Area}_{\text{upliftfs}} := 11092 \text{ ft}^2$$

$$x_{\text{upliftfs}} := 23.35 \text{ ft}$$

$$\text{Area}_{\text{upliftps}} := 21662 \text{ ft}^2$$

$$x_{\text{upliftps}} := 78.36 \text{ ft}$$





Load Case 1 - High River Conditions

$$Up_{FS1} := (EL_{fs1} - EL_{bs}) \cdot -Area_{upliftfs} \cdot \gamma_w = -2.353 \times 10^4 \text{ kip}$$

$$Up_{PS1} := (EL_{ps1} - EL_{bs}) \cdot -Area_{upliftps} \cdot \gamma_w = -3.514 \times 10^4 \text{ kip}$$

$$F_{zuplift1} := Up_{FS1} + Up_{PS1} = -5.868 \times 10^4 \text{ kip}$$

$$M_{upliftFS1} := Up_{FS1} \cdot -x_{upliftfs} = 5.495 \times 10^5 \text{ ft} \cdot \text{kip}$$

$$M_{upliftPS1} := Up_{PS1} \cdot -x_{upliftps} = 2.754 \times 10^6 \text{ ft} \cdot \text{kip}$$

$$M_{yuplift1} := M_{upliftFS1} + M_{upliftPS1} = 3.303 \times 10^6 \text{ ft} \cdot \text{kip}$$

Load Case 2 - Extreme Flood

$$Up_{FS2} := (EL_{fs2} - EL_{bs}) \cdot -Area_{upliftfs} \cdot \gamma_w = -2.492 \times 10^4 \text{ kip}$$

$$Up_{PS2} := (EL_{ps2} - EL_{bs}) \cdot -Area_{upliftps} \cdot \gamma_w = -3.244 \times 10^4 \text{ kip}$$

$$F_{zuplift2} := Up_{FS2} + Up_{PS2} = -5.736 \times 10^4 \text{ kip}$$

$$M_{upliftFS2} := Up_{FS2} \cdot -x_{upliftfs} = 5.818 \times 10^5 \text{ ft} \cdot \text{kip}$$

$$M_{upliftPS2} := Up_{PS2} \cdot -x_{upliftps} = 2.542 \times 10^6 \text{ ft} \cdot \text{kip}$$

$$M_{yuplift2} := M_{upliftFS2} + M_{upliftPS2} = 3.124 \times 10^6 \text{ ft} \cdot \text{kip}$$

Load Case 3 - Reverse Loading

$$Up_{FS3} := (EL_{fs3} - EL_{bs}) \cdot -Area_{upliftfs} \cdot \gamma_w = -1.73 \times 10^4 \text{ kip}$$

$$Up_{PS3} := (EL_{ps3} - EL_{bs}) \cdot -Area_{upliftps} \cdot \gamma_w = -3.785 \times 10^4 \text{ kip}$$

$$F_{Zuplift3} := U_{PFS3} + U_{PPS3} = -5.515 \times 10^4 \text{ kip}$$

$$M_{upliftFS3} := U_{PFS3} \cdot -x_{upliftfs} = 4.04 \times 10^5 \text{ ft}\cdot\text{kip}$$

$$M_{upliftPS3} := U_{PPS3} \cdot -x_{upliftps} = 2.966 \times 10^6 \text{ ft}\cdot\text{kip}$$

$$M_{yuplift3} := M_{upliftFS3} + M_{upliftPS3} = 3.37 \times 10^6 \text{ ft}\cdot\text{kip}$$

#### Load Case 4 - Dewatering

$$U_{PFS4} := (EL_{fs4} - EL_{bs}) \cdot -Area_{upliftfs} \cdot \gamma_w = -2.146 \times 10^4 \text{ kip}$$

$$U_{PPS4} := (EL_{ps4} - EL_{bs}) \cdot -Area_{upliftps} \cdot \gamma_w = -4.19 \times 10^4 \text{ kip}$$

$$F_{Zuplift4} := U_{PFS4} + U_{PPS4} = -6.336 \times 10^4 \text{ kip}$$

$$M_{upliftFS4} := U_{PFS4} \cdot -x_{upliftfs} = 5.01 \times 10^5 \text{ ft}\cdot\text{kip}$$

$$M_{upliftPS4} := U_{PPS4} \cdot -x_{upliftps} = 3.284 \times 10^6 \text{ ft}\cdot\text{kip}$$

$$M_{yuplift4} := M_{upliftFS4} + M_{upliftPS4} = 3.785 \times 10^6 \text{ ft}\cdot\text{kip}$$

### LATERAL WATER LOAD

#### Load Case 1 - High River Conditions

$$Water_{FS1} := (EL_{fs1} - EL_{bs})^2 \cdot \frac{1}{2} \cdot Width \cdot \gamma_w = 1.12 \times 10^4 \text{ kip}$$

$$Water_{PS1} := (EL_{ps1} - EL_{bs})^2 \cdot \frac{1}{2} \cdot Width \cdot \gamma_w = 6.549 \times 10^3 \text{ kip}$$

$$F_{xlat1} := Water_{FS1} - Water_{PS1} = 4.65 \times 10^3 \text{ kip}$$

$$Moment_{FS1} := Water_{FS1} \cdot \frac{(EL_{fs1} - EL_{bs})}{3} = 1.269 \times 10^5 \text{ ft}\cdot\text{kip}$$

$$Moment_{PS1} := Water_{PS1} \cdot \frac{(EL_{ps1} - EL_{bs})}{3} = 5.676 \times 10^4 \text{ ft}\cdot\text{kip}$$

$$M_{ylat1} := -Moment_{FS1} + Moment_{PS1} = -7.016 \times 10^4 \text{ ft}\cdot\text{kip}$$

#### Load Case 2 - Extreme Flood

$$\text{Water}_{FS2} := (EL_{fs2} - EL_{bs})^2 \cdot \frac{1}{2} \cdot \text{Width} \cdot \gamma_w = 1.256 \times 10^4 \text{ kip}$$

$$\text{Water}_{PS2} := (EL_{ps2} - EL_{bs})^2 \cdot \frac{1}{2} \cdot \text{Width} \cdot \gamma_w = 5.58 \times 10^3 \text{ kip}$$

$$F_{xlat2} := \text{Water}_{FS2} - \text{Water}_{PS2} = 6.975 \times 10^3 \text{ kip}$$

$$\text{Moment}_{FS2} := \text{Water}_{FS2} \cdot \frac{(EL_{fs2} - EL_{bs})}{3} = 1.507 \times 10^5 \text{ ft}\cdot\text{kip}$$

$$\text{Moment}_{PS2} := \text{Water}_{PS2} \cdot \frac{(EL_{ps2} - EL_{bs})}{3} = 4.464 \times 10^4 \text{ ft}\cdot\text{kip}$$

$$M_{ylat2} := -\text{Moment}_{FS2} + \text{Moment}_{PS2} = -1.06 \times 10^5 \text{ ft}\cdot\text{kip}$$

#### Load Case 3 - Reverse Loading

$$\text{Water}_{FS3} := (EL_{fs3} - EL_{bs})^2 \cdot \frac{1}{2} \cdot \text{Width} \cdot \gamma_w = 6.055 \times 10^3 \text{ kip}$$

$$\text{Water}_{PS3} := (EL_{ps3} - EL_{bs})^2 \cdot \frac{1}{2} \cdot \text{Width} \cdot \gamma_w = 7.595 \times 10^3 \text{ kip}$$

$$F_{xlat3} := \text{Water}_{FS3} - \text{Water}_{PS3} = -1.54 \times 10^3 \text{ kip}$$

$$\text{Moment}_{FS3} := \text{Water}_{FS3} \cdot \frac{(EL_{fs3} - EL_{bs})}{3} = 5.046 \times 10^4 \text{ ft}\cdot\text{kip}$$

$$\text{Moment}_{PS3} := \text{Water}_{PS3} \cdot \frac{(EL_{ps3} - EL_{bs})}{3} = 7.089 \times 10^4 \text{ ft}\cdot\text{kip}$$

$$M_{ylat3} := -\text{Moment}_{FS3} + \text{Moment}_{PS3} = 2.043 \times 10^4 \text{ ft}\cdot\text{kip}$$

#### Load Case 4 - Dewatering

$$\text{Water}_{FS4} := (EL_{fs4} - EL_{bs})^2 \cdot \frac{1}{2} \cdot \text{Width} \cdot \gamma_w = 9.31 \times 10^3 \text{ kip}$$

$$\text{Water}_{PS4} := (EL_{ps4} - EL_{bs})^2 \cdot \frac{1}{2} \cdot \text{Width} \cdot \gamma_w = 9.31 \times 10^3 \text{ kip}$$

$$F_{xlat4} := \text{Water}_{FS4} - \text{Water}_{PS4} = 0 \text{ kip}$$

$$\text{Moment}_{FS4} := \text{Water}_{FS4} \cdot \frac{(EL_{fs4} - EL_{bs})}{3} = 9.62 \times 10^4 \text{ ft}\cdot\text{kip}$$

$$\text{Moment}_{PS4} := \text{Water}_{PS4} \cdot \frac{(EL_{ps4} - EL_{bs})}{3} = 9.62 \times 10^4 \text{ ft}\cdot\text{kip}$$

$$M_{y\text{lat}4} := -\text{Moment}_{FS4} + \text{Moment}_{PS4} = 0 \text{ ft}\cdot\text{kip}$$

## **D. WIND LOADS**

### **WIND LOAD**

$$F_{x\text{windswl}} := p_w \cdot \text{Width} \cdot (\text{TOS} - \text{EL}_{fs1}) = 124.2 \text{ kip}$$

$$M_{y\text{windswl}} := -F_{x\text{windswl}} \cdot \left( \frac{\text{TOS} - \text{EL}_{fs1}}{2} + \text{EL}_{fs1} - \text{EL}_{bs} \right) = -4.72 \times 10^3 \text{ ft}\cdot\text{kip}$$

### **REVERSE WIND LOAD**

$$F_{x\text{windrev}} := -p_w \cdot \text{Width} \cdot (\text{TOS} - \text{EL}_{ps3}) = -217.35 \text{ kip}$$

$$M_{y\text{windrev}} := -F_{x\text{windrev}} \cdot \left( \frac{\text{TOS} - \text{EL}_{ps3}}{2} + \text{EL}_{ps3} - \text{EL}_{bs} \right) = 7.607 \times 10^3 \text{ ft}\cdot\text{kip}$$

### **CONSTRUCTION WIND LOAD**

$$F_{x\text{windcon}} := -p_w \cdot \text{Width} \cdot (\text{TOS} - \text{EL}_{bs}) = -652.05 \text{ kip}$$

$$M_{y\text{windcon}} := -F_{x\text{windcon}} \cdot \left( \frac{\text{TOS} - \text{EL}_{bs}}{2} \right) = 1.369 \times 10^4 \text{ ft}\cdot\text{kip}$$

### **DEWATERING WIND LOAD**

$$F_{x\text{winddew}} := -p_w \cdot \text{Width} \cdot (\text{TOS} - \text{EL}_{fs4}) = -170.775 \text{ kip}$$

$$M_{y\text{winddew}} := -F_{x\text{winddew}} \cdot \left( \frac{\text{TOS} - \text{EL}_{fs4}}{2} + \text{EL}_{fs4} - \text{EL}_{bs} \right) = 6.233 \times 10^3 \text{ ft}\cdot\text{kip}$$

## E. FINAL LOAD SUMMARY FOR CPGA

### Load Case 1 - Construction

$$OVS_1 := 1.16$$

$$F_{x1} := 0 \text{ kip}$$

$$F_{z1} := W_{\text{dead}} = 6.564 \times 10^4 \text{ kip}$$

$$M_{y1} := M_{y\text{dead}} = -3.94 \times 10^6 \text{ ft}\cdot\text{kip}$$

### Load Case 2 - Construction + Wind

$$OVS_2 := 1.33$$

$$F_{x2} := F_{x\text{windcon}} = -652.05 \text{ kip}$$

$$F_{z2} := W_{\text{dead}} = 6.564 \times 10^4 \text{ kip}$$

$$M_{y2} := M_{y\text{dead}} + M_{y\text{windcon}} = -3.926 \times 10^6 \text{ ft}\cdot\text{kip}$$

### Load Case 3 - SWL - Impervious

$$OVS_3 := 1.0$$

$$F_{x3} := F_{x\text{lat1}} = 4.65 \times 10^3 \text{ kip}$$

$$F_{z3} := W_{\text{dead}} + F_{z\text{wat1}} + F_{z\text{uplift1}} = 3.953 \times 10^4 \text{ kip}$$

$$M_{y3} := M_{y\text{dead}} + M_{y\text{wat1}} + M_{y\text{uplift1}} + M_{y\text{lat1}} = -2.538 \times 10^6 \text{ ft}\cdot\text{kip}$$

### Load Case 4 - SWL + Wind - Impervious

$$OVS_4 := 1.33$$

$$F_{x4} := F_{x\text{lat1}} + F_{x\text{windswl}} = 4.774 \times 10^3 \text{ kip}$$

$$F_{z4} := W_{\text{dead}} + F_{z\text{wat1}} + F_{z\text{uplift1}} = 3.953 \times 10^4 \text{ kip}$$

$$M_{y4} := M_{y\text{dead}} + (M_{y\text{wat1}} + M_{y\text{uplift1}} + M_{y\text{lat1}}) + M_{y\text{windswl}} = -2.542 \times 10^6 \text{ ft}\cdot\text{kip}$$

### Load Case 5 - Reverse - Impervious

$$OVS_5 := 1.0$$

$$F_{x5} := F_{xlat3} = -1.54 \times 10^3 \text{ kip}$$

$$F_{z5} := W_{dead} + F_{zwat3} + F_{zuplift3} = 4.238 \times 10^4 \text{ kip}$$

$$M_{y5} := M_{ydead} + M_{ywat3} + M_{yuplift3} + M_{ylat3} = -2.498 \times 10^6 \text{ ft}\cdot\text{kip}$$

Load Case 6 - Reverse + Wind - Impervious

$$OVS_6 := 1.33$$

$$F_{x6} := F_{xlat3} + F_{xwindrev} = -1.758 \times 10^3 \text{ kip}$$

$$F_{z6} := W_{dead} + F_{zwat3} + F_{zuplift3} = 4.238 \times 10^4 \text{ kip}$$

$$M_{y6} := M_{ydead} + (M_{ywat3} + M_{yuplift3} + M_{ylat3}) + M_{ywindrev} = -2.491 \times 10^6 \text{ ft}\cdot\text{kip}$$

Load Case 7 - Extreme Flood - Impervious

$$OVS_7 := 1.33$$

$$F_{x7} := F_{xlat2} = 6.975 \times 10^3 \text{ kip}$$

$$F_{z7} := W_{dead} + F_{zwat2} + F_{zuplift2} = 3.876 \times 10^4 \text{ kip}$$

$$M_{y7} := M_{ydead} + M_{ywat2} + M_{yuplift2} + M_{ylat2} = -2.57 \times 10^6 \text{ ft}\cdot\text{kip}$$

Load Case 8 - Dewatering

$$OVS_8 := 1.16$$

$$F_{x8} := F_{xlat4} = 0 \text{ kip}$$

$$F_{z8} := W_{dead} + F_{zwat4} + F_{zuplift4} = 8.799 \times 10^3 \text{ kip}$$

$$M_{y8} := M_{ydead} + M_{ywat4} + M_{yuplift4} + M_{ylat4} = -5.97 \times 10^5 \text{ ft}\cdot\text{kip}$$



**US Army Corps  
of Engineers** ®  
Galveston District

**GIWW Brazos River Floodgates and Colorado River Locks**

**Final Integrated Feasibility Report and  
Environmental Impact Statement**

125' Sector Gate Pile Foundation Loading

Des By: JJR 09/19/18  
Chk By: DLP 09/19/18

13/13

# **CPGA Input/Output**

**Designed by: Jason Ragolia, P.E.  
Checked by: David P. Lovett Jr, P.E.  
US Army Corps of Engineers  
New Orleans District  
Engineering Division**



Brazos.in

100 GIWW BRAZOS 125 SECTOR GATE W/ 30X5/8 PIPE PILES  
120 PROP 29000 2549 2549 452 2.0 0 ALL  
130 SOIL ES 0.3 LEN 88 0 ALL  
135 PIN ALL  
140 ALLOW R 400 330 1297.75 1297.75 10373.37 10373.37 ALL  
141 FOVSTR 1.33 1.33 2 4 6 7  
142 FOVSTR 1.16 1.16 1 8  
150 BATTER 4 ALL  
160 ANGLE 180 1 TO 25 61 TO 85 121 TO 141 177 TO 180 187 TO 189 215 TO 217  
170 ANGLE 180 196 TO 199 206 TO 208 231 TO 233  
180 ANGLE 0 26 TO 60 86 TO 120 142 TO 176 181 TO 186 190 TO 195  
190 ANGLE 0 200 TO 205 209 TO 214 218 TO 230 234 TO 246  
200 PILE 1 3.70833 -92.5 0  
210 ROW Y 5 1 4 at 10  
220 REPEAT 12 4 at 7.875 3 at 15.75 4 at 7.875  
230 PILE 61 3.70833 92.5 0  
240 ROW Y 5 61 4 at -10  
250 REPEAT 12 4 at 7.875 3 at 15.75 4 at 7.875  
260 PILE 121 3.708333 -39.375 0  
270 ROW Y 7 121 6 AT 13.125  
280 REPEAT 8 7 AT 15.75  
290 PILE 177 11.583 -104.5 0  
300 PILE 178 19.0458 -104.5 0  
310 ROW X 9 178 2 AT 7.875 3 AT 15.75 3 AT 7.875  
320 REPEAT 2 1 AT -12  
330 PILE 196 11.583 104.5 0  
340 PILE 197 19.0458 104.5 0  
350 ROW X 9 197 2 AT 7.875 3 AT 15.75 3 AT 7.875  
360 REPEAT 2 1 AT 12  
370 PILE 215 27.333 -128.5 0  
380 PILE 216 35.208 -128.5 0  
390 PILE 217 35.208 -140.5 0  
400 PILE 218 98.208 -128.5 0  
410 PILE 219 50.958 -128.5 0  
420 ROW X 4 219 2 AT 15.75 1 AT 7.875  
440 REPEAT 3 2 AT -12  
450 PILE 231 27.333 128.5 0  
460 PILE 232 35.208 128.5 0  
470 PILE 233 35.208 140.5 0  
480 PILE 234 98.208 128.5 0  
490 PILE 235 50.958 128.5 0  
500 ROW X 4 235 2 AT 15.75 1 AT 7.875  
510 REPEAT 3 2 AT 12  
520 LOAD 1 0 0 65640 0 -3940000 0  
530 LOAD 2 -652 0 65640 0 -3926000 0  
540 LOAD 3 4650 0 39530 0 -2538000 0  
550 LOAD 4 4774 0 39530 0 -2542000 0  
560 LOAD 5 -1540 0 42380 0 -2498000 0

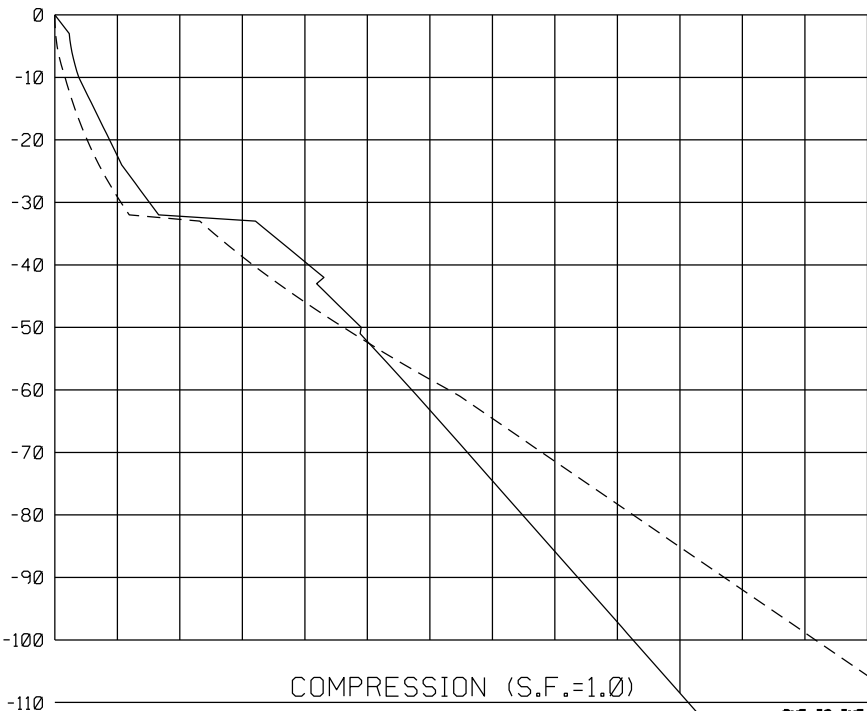
Brazos.in

570 LOAD 6 -1758 0 42380 0 -2491000 0  
580 LOAD 7 6975 0 38760 0 -2570000 0  
590 LOAD 8 0 0 8799 0 -597000 0  
640 FOUT 1 2 3 4 5 6 7 BRAZOS.OUT  
650 PFO ALL

ELEVATIONS IN FEET N.A.V.D.

LOAD (TONS)

0 40 80 120 160 200 240 280 320 360 400 440 480 520



COMPRESSION (S.F.=1.0)

—— Q-CASE  
 - - - S-CASE

RESISTIVE (pci)  
 of soil and pile  
 or test plate (pci)

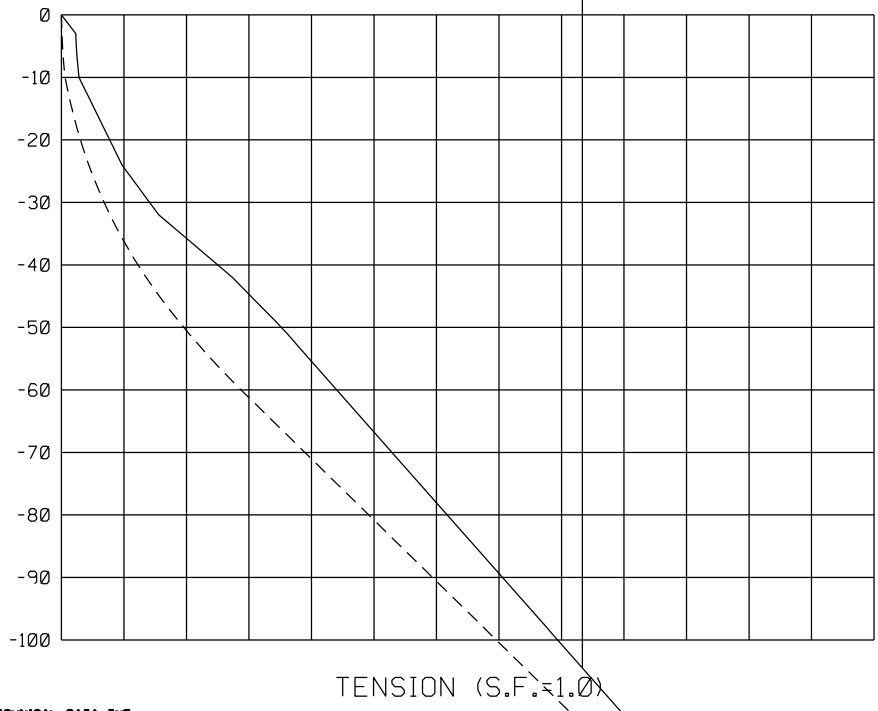
DUE TO THE LACK OF PROXIMATE GEOTECHNICAL DATA, THE FOLLOWING FACTORS OF SAFETY ARE RECOMMENDED FOR DESIGN:

	FS w/ Load test	FS w/o Load test
Q-case	2	3.5
S-case	1.5	2

LOAD (TONS)

0 40 80 120 160 200 240 280 320 360 400 440 480 520

ELEVATIONS IN FEET N.A.V.D.



TENSION (S.F.=1.0)

—— Q-CASE  
 - - - S-CASE



CPGA - CASE PILE GROUP ANALYSIS PROGRAM

RUN DATE: 28-SEP-18 RUN TIME: 09:42:46

FOR PILES WITH UNSUPPORTED HEIGHT:

- A. CPGA CANNOT CALCULATE PMAXMOM FOR NH TYPE SOIL
- B. THE ALLOWABLE STRESS CHECKS, ASC AND AST, ARE NOT FULLY DEVELOPED FOR UNSUPPORTED PILES. WORK IS IN PROGRESS TO COMPLETE THIS ASPECT OF CPGA.

ELASTIC CENTER LOCATION IS NOT COMPUTED FOR 3-DIMENSIONAL PROBLEMS.

GIWW BRAZOS 125 SECTOR GATE W/ 30X5/8 PIPE PILES  
DATA UNKNOWN - REJECTED.

THERE ARE 246 PILES AND  
8 LOAD CASES IN THIS RUN.

ALL PILE COORDINATES ARE CONTAINED WITHIN A BOX

	X	Y	Z
	-----	-----	-----
WITH DIAGONAL COORDINATES = (	3.71 ,	-152.50 ,	0.00 )
	( 113.96 ,	152.50 ,	0.00 )

\*\*\*\*\*

PILE PROPERTIES AS INPUT

E	I1	I2	A	C33	B66
KSI	IN**4	IN**4	IN**2		
0.29000E+05	0.25490E+04	0.25490E+04	0.45200E+03	0.20000E+01	0.00000E+00

THESE PILE PROPERTIES APPLY TO THE FOLLOWING PILES -

ALL

\*\*\*\*\*

SOIL DESCRIPTIONS AS INPUT

Brazos TMPCPGA.OUT.txt

ES	ESOIL	LENGTH	L	LU
	K/IN**2		FT	FT
	0.30000E+00	L	0.88000E+02	0.00000E+00

ESOIL(ORIGINAL)	RGROUP	RCYCLIC
K/IN**2		
0.30000E+00	0.1000E+01	0.1000E+01

THIS SOIL DESCRIPTION APPLIES TO THE FOLLOWING PILES -

ALL

\*\*\*\*\*

PILE STIFFNESSES AS CALCULATED FROM PROPERTIES

0.26578E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
0.00000E+00	0.26578E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
0.00000E+00	0.00000E+00	0.24826E+05	0.00000E+00	0.00000E+00	0.00000E+00
0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

THIS MATRIX APPLIES TO THE FOLLOWING PILES -

1

\*\*\*\*\*

PILE GEOMETRY AS INPUT AND/OR GENERATED

NUM	X FT	Y FT	Z FT	BATTER	ANGLE	LENGTH FT	FIXITY
1	3.71	-92.50	0.00	4.00	180.00	88.00	P
2	3.71	-82.50	0.00	4.00	180.00	88.00	P
3	3.71	-72.50	0.00	4.00	180.00	88.00	P
4	3.71	-62.50	0.00	4.00	180.00	88.00	P
5	3.71	-52.50	0.00	4.00	180.00	88.00	P
6	11.58	-92.50	0.00	4.00	180.00	88.00	P
7	11.58	-82.50	0.00	4.00	180.00	88.00	P
8	11.58	-72.50	0.00	4.00	180.00	88.00	P
9	11.58	-62.50	0.00	4.00	180.00	88.00	P
10	11.58	-52.50	0.00	4.00	180.00	88.00	P

Brazos TMPCPGA.OUT.txt

11	19.46	-92.50	0.00	4.00	180.00	88.00	P
12	19.46	-82.50	0.00	4.00	180.00	88.00	P
13	19.46	-72.50	0.00	4.00	180.00	88.00	P
14	19.46	-62.50	0.00	4.00	180.00	88.00	P
15	19.46	-52.50	0.00	4.00	180.00	88.00	P
16	27.33	-92.50	0.00	4.00	180.00	88.00	P
17	27.33	-82.50	0.00	4.00	180.00	88.00	P
18	27.33	-72.50	0.00	4.00	180.00	88.00	P
19	27.33	-62.50	0.00	4.00	180.00	88.00	P
20	27.33	-52.50	0.00	4.00	180.00	88.00	P
21	35.21	-92.50	0.00	4.00	180.00	88.00	P
22	35.21	-82.50	0.00	4.00	180.00	88.00	P
23	35.21	-72.50	0.00	4.00	180.00	88.00	P
24	35.21	-62.50	0.00	4.00	180.00	88.00	P
25	35.21	-52.50	0.00	4.00	180.00	88.00	P
26	50.96	-92.50	0.00	4.00	0.00	88.00	P
27	50.96	-82.50	0.00	4.00	0.00	88.00	P
28	50.96	-72.50	0.00	4.00	0.00	88.00	P
29	50.96	-62.50	0.00	4.00	0.00	88.00	P
30	50.96	-52.50	0.00	4.00	0.00	88.00	P
31	66.71	-92.50	0.00	4.00	0.00	88.00	P
32	66.71	-82.50	0.00	4.00	0.00	88.00	P
33	66.71	-72.50	0.00	4.00	0.00	88.00	P
34	66.71	-62.50	0.00	4.00	0.00	88.00	P
35	66.71	-52.50	0.00	4.00	0.00	88.00	P
36	82.46	-92.50	0.00	4.00	0.00	88.00	P
37	82.46	-82.50	0.00	4.00	0.00	88.00	P
38	82.46	-72.50	0.00	4.00	0.00	88.00	P
39	82.46	-62.50	0.00	4.00	0.00	88.00	P
40	82.46	-52.50	0.00	4.00	0.00	88.00	P
41	90.33	-92.50	0.00	4.00	0.00	88.00	P
42	90.33	-82.50	0.00	4.00	0.00	88.00	P
43	90.33	-72.50	0.00	4.00	0.00	88.00	P
44	90.33	-62.50	0.00	4.00	0.00	88.00	P
45	90.33	-52.50	0.00	4.00	0.00	88.00	P
46	98.21	-92.50	0.00	4.00	0.00	88.00	P
47	98.21	-82.50	0.00	4.00	0.00	88.00	P
48	98.21	-72.50	0.00	4.00	0.00	88.00	P
49	98.21	-62.50	0.00	4.00	0.00	88.00	P
50	98.21	-52.50	0.00	4.00	0.00	88.00	P
51	106.08	-92.50	0.00	4.00	0.00	88.00	P
52	106.08	-82.50	0.00	4.00	0.00	88.00	P
53	106.08	-72.50	0.00	4.00	0.00	88.00	P
54	106.08	-62.50	0.00	4.00	0.00	88.00	P
55	106.08	-52.50	0.00	4.00	0.00	88.00	P
56	113.96	-92.50	0.00	4.00	0.00	88.00	P
57	113.96	-82.50	0.00	4.00	0.00	88.00	P
58	113.96	-72.50	0.00	4.00	0.00	88.00	P

Brazos TMPCPGA.OUT.txt

59	113.96	-62.50	0.00	4.00	0.00	88.00	P
60	113.96	-52.50	0.00	4.00	0.00	88.00	P
61	3.71	92.50	0.00	4.00	180.00	88.00	P
62	3.71	82.50	0.00	4.00	180.00	88.00	P
63	3.71	72.50	0.00	4.00	180.00	88.00	P
64	3.71	62.50	0.00	4.00	180.00	88.00	P
65	3.71	52.50	0.00	4.00	180.00	88.00	P
66	11.58	92.50	0.00	4.00	180.00	88.00	P
67	11.58	82.50	0.00	4.00	180.00	88.00	P
68	11.58	72.50	0.00	4.00	180.00	88.00	P
69	11.58	62.50	0.00	4.00	180.00	88.00	P
70	11.58	52.50	0.00	4.00	180.00	88.00	P
71	19.46	92.50	0.00	4.00	180.00	88.00	P
72	19.46	82.50	0.00	4.00	180.00	88.00	P
73	19.46	72.50	0.00	4.00	180.00	88.00	P
74	19.46	62.50	0.00	4.00	180.00	88.00	P
75	19.46	52.50	0.00	4.00	180.00	88.00	P
76	27.33	92.50	0.00	4.00	180.00	88.00	P
77	27.33	82.50	0.00	4.00	180.00	88.00	P
78	27.33	72.50	0.00	4.00	180.00	88.00	P
79	27.33	62.50	0.00	4.00	180.00	88.00	P
80	27.33	52.50	0.00	4.00	180.00	88.00	P
81	35.21	92.50	0.00	4.00	180.00	88.00	P
82	35.21	82.50	0.00	4.00	180.00	88.00	P
83	35.21	72.50	0.00	4.00	180.00	88.00	P
84	35.21	62.50	0.00	4.00	180.00	88.00	P
85	35.21	52.50	0.00	4.00	180.00	88.00	P
86	50.96	92.50	0.00	4.00	0.00	88.00	P
87	50.96	82.50	0.00	4.00	0.00	88.00	P
88	50.96	72.50	0.00	4.00	0.00	88.00	P
89	50.96	62.50	0.00	4.00	0.00	88.00	P
90	50.96	52.50	0.00	4.00	0.00	88.00	P
91	66.71	92.50	0.00	4.00	0.00	88.00	P
92	66.71	82.50	0.00	4.00	0.00	88.00	P
93	66.71	72.50	0.00	4.00	0.00	88.00	P
94	66.71	62.50	0.00	4.00	0.00	88.00	P
95	66.71	52.50	0.00	4.00	0.00	88.00	P
96	82.46	92.50	0.00	4.00	0.00	88.00	P
97	82.46	82.50	0.00	4.00	0.00	88.00	P
98	82.46	72.50	0.00	4.00	0.00	88.00	P
99	82.46	62.50	0.00	4.00	0.00	88.00	P
100	82.46	52.50	0.00	4.00	0.00	88.00	P
101	90.33	92.50	0.00	4.00	0.00	88.00	P
102	90.33	82.50	0.00	4.00	0.00	88.00	P
103	90.33	72.50	0.00	4.00	0.00	88.00	P
104	90.33	62.50	0.00	4.00	0.00	88.00	P
105	90.33	52.50	0.00	4.00	0.00	88.00	P
106	98.21	92.50	0.00	4.00	0.00	88.00	P



Brazos TMPCPGA.OUT.txt

107	98.21	82.50	0.00	4.00	0.00	88.00	P
108	98.21	72.50	0.00	4.00	0.00	88.00	P
109	98.21	62.50	0.00	4.00	0.00	88.00	P
110	98.21	52.50	0.00	4.00	0.00	88.00	P
111	106.08	92.50	0.00	4.00	0.00	88.00	P
112	106.08	82.50	0.00	4.00	0.00	88.00	P
113	106.08	72.50	0.00	4.00	0.00	88.00	P
114	106.08	62.50	0.00	4.00	0.00	88.00	P
115	106.08	52.50	0.00	4.00	0.00	88.00	P
116	113.96	92.50	0.00	4.00	0.00	88.00	P
117	113.96	82.50	0.00	4.00	0.00	88.00	P
118	113.96	72.50	0.00	4.00	0.00	88.00	P
119	113.96	62.50	0.00	4.00	0.00	88.00	P
120	113.96	52.50	0.00	4.00	0.00	88.00	P
121	3.71	-39.38	0.00	4.00	180.00	88.00	P
122	3.71	-26.25	0.00	4.00	180.00	88.00	P
123	3.71	-13.12	0.00	4.00	180.00	88.00	P
124	3.71	0.00	0.00	4.00	180.00	88.00	P
125	3.71	13.12	0.00	4.00	180.00	88.00	P
126	3.71	26.25	0.00	4.00	180.00	88.00	P
127	3.71	39.38	0.00	4.00	180.00	88.00	P
128	19.46	-39.38	0.00	4.00	180.00	88.00	P
129	19.46	-26.25	0.00	4.00	180.00	88.00	P
130	19.46	-13.12	0.00	4.00	180.00	88.00	P
131	19.46	0.00	0.00	4.00	180.00	88.00	P
132	19.46	13.12	0.00	4.00	180.00	88.00	P
133	19.46	26.25	0.00	4.00	180.00	88.00	P
134	19.46	39.38	0.00	4.00	180.00	88.00	P
135	35.21	-39.38	0.00	4.00	180.00	88.00	P
136	35.21	-26.25	0.00	4.00	180.00	88.00	P
137	35.21	-13.12	0.00	4.00	180.00	88.00	P
138	35.21	0.00	0.00	4.00	180.00	88.00	P
139	35.21	13.12	0.00	4.00	180.00	88.00	P
140	35.21	26.25	0.00	4.00	180.00	88.00	P
141	35.21	39.38	0.00	4.00	180.00	88.00	P
142	50.96	-39.38	0.00	4.00	0.00	88.00	P
143	50.96	-26.25	0.00	4.00	0.00	88.00	P
144	50.96	-13.12	0.00	4.00	0.00	88.00	P
145	50.96	0.00	0.00	4.00	0.00	88.00	P
146	50.96	13.12	0.00	4.00	0.00	88.00	P
147	50.96	26.25	0.00	4.00	0.00	88.00	P
148	50.96	39.38	0.00	4.00	0.00	88.00	P
149	66.71	-39.38	0.00	4.00	0.00	88.00	P
150	66.71	-26.25	0.00	4.00	0.00	88.00	P
151	66.71	-13.12	0.00	4.00	0.00	88.00	P
152	66.71	0.00	0.00	4.00	0.00	88.00	P
153	66.71	13.12	0.00	4.00	0.00	88.00	P
154	66.71	26.25	0.00	4.00	0.00	88.00	P

Brazos TMPCPGA.OUT.txt

155	66.71	39.38	0.00	4.00	0.00	88.00	P
156	82.46	-39.38	0.00	4.00	0.00	88.00	P
157	82.46	-26.25	0.00	4.00	0.00	88.00	P
158	82.46	-13.12	0.00	4.00	0.00	88.00	P
159	82.46	0.00	0.00	4.00	0.00	88.00	P
160	82.46	13.12	0.00	4.00	0.00	88.00	P
161	82.46	26.25	0.00	4.00	0.00	88.00	P
162	82.46	39.38	0.00	4.00	0.00	88.00	P
163	98.21	-39.38	0.00	4.00	0.00	88.00	P
164	98.21	-26.25	0.00	4.00	0.00	88.00	P
165	98.21	-13.12	0.00	4.00	0.00	88.00	P
166	98.21	0.00	0.00	4.00	0.00	88.00	P
167	98.21	13.12	0.00	4.00	0.00	88.00	P
168	98.21	26.25	0.00	4.00	0.00	88.00	P
169	98.21	39.38	0.00	4.00	0.00	88.00	P
170	113.96	-39.38	0.00	4.00	0.00	88.00	P
171	113.96	-26.25	0.00	4.00	0.00	88.00	P
172	113.96	-13.12	0.00	4.00	0.00	88.00	P
173	113.96	0.00	0.00	4.00	0.00	88.00	P
174	113.96	13.12	0.00	4.00	0.00	88.00	P
175	113.96	26.25	0.00	4.00	0.00	88.00	P
176	113.96	39.38	0.00	4.00	0.00	88.00	P
177	11.58	-104.50	0.00	4.00	180.00	88.00	P
178	19.05	-104.50	0.00	4.00	180.00	88.00	P
179	26.92	-104.50	0.00	4.00	180.00	88.00	P
180	34.80	-104.50	0.00	4.00	180.00	88.00	P
181	50.55	-104.50	0.00	4.00	0.00	88.00	P
182	66.30	-104.50	0.00	4.00	0.00	88.00	P
183	82.05	-104.50	0.00	4.00	0.00	88.00	P
184	89.92	-104.50	0.00	4.00	0.00	88.00	P
185	97.80	-104.50	0.00	4.00	0.00	88.00	P
186	105.67	-104.50	0.00	4.00	0.00	88.00	P
187	19.05	-116.50	0.00	4.00	180.00	88.00	P
188	26.92	-116.50	0.00	4.00	180.00	88.00	P
189	34.80	-116.50	0.00	4.00	180.00	88.00	P
190	50.55	-116.50	0.00	4.00	0.00	88.00	P
191	66.30	-116.50	0.00	4.00	0.00	88.00	P
192	82.05	-116.50	0.00	4.00	0.00	88.00	P
193	89.92	-116.50	0.00	4.00	0.00	88.00	P
194	97.80	-116.50	0.00	4.00	0.00	88.00	P
195	105.67	-116.50	0.00	4.00	0.00	88.00	P
196	11.58	104.50	0.00	4.00	180.00	88.00	P
197	19.05	104.50	0.00	4.00	180.00	88.00	P
198	26.92	104.50	0.00	4.00	180.00	88.00	P
199	34.80	104.50	0.00	4.00	180.00	88.00	P
200	50.55	104.50	0.00	4.00	0.00	88.00	P
201	66.30	104.50	0.00	4.00	0.00	88.00	P
202	82.05	104.50	0.00	4.00	0.00	88.00	P

Brazos TMPCPGA.OUT.txt

203	89.92	104.50	0.00	4.00	0.00	88.00	P
204	97.80	104.50	0.00	4.00	0.00	88.00	P
205	105.67	104.50	0.00	4.00	0.00	88.00	P
206	19.05	116.50	0.00	4.00	180.00	88.00	P
207	26.92	116.50	0.00	4.00	180.00	88.00	P
208	34.80	116.50	0.00	4.00	180.00	88.00	P
209	50.55	116.50	0.00	4.00	0.00	88.00	P
210	66.30	116.50	0.00	4.00	0.00	88.00	P
211	82.05	116.50	0.00	4.00	0.00	88.00	P
212	89.92	116.50	0.00	4.00	0.00	88.00	P
213	97.80	116.50	0.00	4.00	0.00	88.00	P
214	105.67	116.50	0.00	4.00	0.00	88.00	P
215	27.33	-128.50	0.00	4.00	180.00	88.00	P
216	35.21	-128.50	0.00	4.00	180.00	88.00	P
217	35.21	-140.50	0.00	4.00	180.00	88.00	P
218	98.21	-128.50	0.00	4.00	0.00	88.00	P
219	50.96	-128.50	0.00	4.00	0.00	88.00	P
220	66.71	-128.50	0.00	4.00	0.00	88.00	P
221	82.46	-128.50	0.00	4.00	0.00	88.00	P
222	90.33	-128.50	0.00	4.00	0.00	88.00	P
223	50.96	-140.50	0.00	4.00	0.00	88.00	P
224	66.71	-140.50	0.00	4.00	0.00	88.00	P
225	82.46	-140.50	0.00	4.00	0.00	88.00	P
226	90.33	-140.50	0.00	4.00	0.00	88.00	P
227	50.96	-152.50	0.00	4.00	0.00	88.00	P
228	66.71	-152.50	0.00	4.00	0.00	88.00	P
229	82.46	-152.50	0.00	4.00	0.00	88.00	P
230	90.33	-152.50	0.00	4.00	0.00	88.00	P
231	27.33	128.50	0.00	4.00	180.00	88.00	P
232	35.21	128.50	0.00	4.00	180.00	88.00	P
233	35.21	140.50	0.00	4.00	180.00	88.00	P
234	98.21	128.50	0.00	4.00	0.00	88.00	P
235	50.96	128.50	0.00	4.00	0.00	88.00	P
236	66.71	128.50	0.00	4.00	0.00	88.00	P
237	82.46	128.50	0.00	4.00	0.00	88.00	P
238	90.33	128.50	0.00	4.00	0.00	88.00	P
239	50.96	140.50	0.00	4.00	0.00	88.00	P
240	66.71	140.50	0.00	4.00	0.00	88.00	P
241	82.46	140.50	0.00	4.00	0.00	88.00	P
242	90.33	140.50	0.00	4.00	0.00	88.00	P
243	50.96	152.50	0.00	4.00	0.00	88.00	P
244	66.71	152.50	0.00	4.00	0.00	88.00	P
245	82.46	152.50	0.00	4.00	0.00	88.00	P
246	90.33	152.50	0.00	4.00	0.00	88.00	P

-----  
21648.00

Brazos TMPCPGA.OUT.txt

\*\*\*\*\*

APPLIED LOADS

LOAD CASE	PX K	PY K	PZ K	MX FT-K	MY FT-K	MZ FT-K	OVERSTRESS COM	TEN
1	0.0	0.0	65640.0	0.0	-3940000.0	0.0	1.16	1.16
2	-652.0	0.0	65640.0	0.0	-3926000.0	0.0	1.33	1.33
3	4650.0	0.0	39530.0	0.0	-2538000.0	0.0		
4	4774.0	0.0	39530.0	0.0	-2542000.0	0.0	1.33	1.33
5	-1540.0	0.0	42380.0	0.0	-2498000.0	0.0		
6	-1758.0	0.0	42380.0	0.0	-2491000.0	0.0	1.33	1.33
7	6975.0	0.0	38760.0	0.0	-2570000.0	0.0	1.33	1.33
8	0.0	0.0	8799.0	0.0	-597000.0	0.0	1.16	1.16

\*\*\*\*\*

ORIGINAL PILE GROUP STIFFNESS MATRIX

0.36540E+06	-0.32306E-02	0.37345E+06	-0.11176E-07	-0.76730E+09	-0.81932E+00
-0.32306E-02	0.65381E+04	0.12922E-01	0.22204E-15	-0.32773E+01	0.47217E+07
0.37345E+06	0.12922E-01	0.57483E+07	0.29802E-06	-0.41513E+10	0.32773E+01
0.37253E-08	0.88818E-15	0.29802E-06	0.59580E+13	-0.19073E-03	-0.54402E+12
-0.76730E+09	-0.32773E+01	-0.41513E+10	-0.12207E-03	0.39976E+13	-0.10729E+04
-0.81932E+00	0.47217E+07	0.32773E+01	-0.54402E+12	-0.10729E+04	0.38328E+12

246 PILES 8 LOAD CASES

LOAD CASE	1.	NUMBER OF FAILURES = 0.	NUMBER OF PILES IN TENSION = 0.
LOAD CASE	2.	NUMBER OF FAILURES = 0.	NUMBER OF PILES IN TENSION = 27.
LOAD CASE	3.	NUMBER OF FAILURES = 0.	NUMBER OF PILES IN TENSION = 0.
LOAD CASE	4.	NUMBER OF FAILURES = 0.	NUMBER OF PILES IN TENSION = 0.
LOAD CASE	5.	NUMBER OF FAILURES = 0.	NUMBER OF PILES IN TENSION = 27.
LOAD CASE	6.	NUMBER OF FAILURES = 0.	NUMBER OF PILES IN TENSION = 27.
LOAD CASE	7.	NUMBER OF FAILURES = 0.	NUMBER OF PILES IN TENSION = 0.
LOAD CASE	8.	NUMBER OF FAILURES = 0.	NUMBER OF PILES IN TENSION = 27.

Brazos TMPCPGA.OUT.txt

\*\*\*\*\*

PILE CAP DISPLACEMENTS

LOAD CASE	DX IN	DY IN	DZ IN	RX RAD	RY RAD	RZ RAD
1	-0.4498E-01	-0.3014E-07	-0.1741E-02	0.2388E-13	-0.2227E-04	0.2616E-12
2	-0.5107E-01	-0.3128E-07	-0.3411E-02	0.2466E-13	-0.2513E-04	0.2700E-12
3	0.1212E-01	-0.9935E-08	0.9066E-02	0.8635E-14	0.4122E-05	0.9456E-13
4	0.1319E-01	-0.9717E-08	0.9347E-02	0.8483E-14	0.4607E-05	0.9290E-13
5	-0.4260E-01	-0.2217E-07	-0.4718E-02	0.1729E-13	-0.2057E-04	0.1894E-12
6	-0.4448E-01	-0.2256E-07	-0.5213E-02	0.1756E-13	-0.2143E-04	0.1923E-12
7	0.3253E-01	-0.5478E-08	0.1427E-01	0.5496E-14	0.1334E-04	0.6019E-13
8	-0.1043E-01	-0.3984E-08	-0.2127E-02	0.2954E-14	-0.6003E-05	0.3235E-13

\*\*\*\*\*

ELASTIC CENTER INFORMATION

ELASTIC CENTER IN PLANE X-Z	X FT	Z FT
	0.00	0.00

\*\*\*\*\*

PILE FORCES IN LOCAL GEOMETRY

M1 & M2 NOT AT PILE HEAD FOR PINNED PILES  
 \* INDICATES PILE FAILURE  
 # INDICATES CBF BASED ON MOMENTS DUE TO  
 (F3\*EMIN) FOR CONCRETE PILES  
 B INDICATES BUCKLING CONTROLS

LOAD CASE -	1							
PILE	F1 K	F2 K	F3 K	M1 IN-K	M2 IN-K	M3 IN-K	ALF	CBF
1	1.2	0.0	252.8	0.0	-66.5	0.0	0.54	0.17
2	1.2	0.0	252.8	0.0	-66.5	0.0	0.54	0.17

Brazos TMPCPGA.OUT.txt

3	1.2	0.0	252.8	0.0	-66.5	0.0	0.54	0.17
4	1.2	0.0	252.8	0.0	-66.5	0.0	0.54	0.17
5	1.2	0.0	252.8	0.0	-66.5	0.0	0.54	0.17
6	1.2	0.0	303.5	0.0	-65.7	0.0	0.65	0.21
7	1.2	0.0	303.5	0.0	-65.7	0.0	0.65	0.21
8	1.2	0.0	303.5	0.0	-65.7	0.0	0.65	0.21
9	1.2	0.0	303.5	0.0	-65.7	0.0	0.65	0.21
10	1.2	0.0	303.5	0.0	-65.7	0.0	0.65	0.21
11	1.1	0.0	354.2	0.0	-64.9	0.0	0.76	0.24
12	1.1	0.0	354.2	0.0	-64.9	0.0	0.76	0.24
13	1.1	0.0	354.2	0.0	-64.9	0.0	0.76	0.24
14	1.1	0.0	354.2	0.0	-64.9	0.0	0.76	0.24
15	1.1	0.0	354.2	0.0	-64.9	0.0	0.76	0.24
16	1.1	0.0	404.9	0.0	-64.1	0.0	0.87	0.27
17	1.1	0.0	404.9	0.0	-64.1	0.0	0.87	0.27
18	1.1	0.0	404.9	0.0	-64.1	0.0	0.87	0.27
19	1.1	0.0	404.9	0.0	-64.1	0.0	0.87	0.27
20	1.1	0.0	404.9	0.0	-64.1	0.0	0.87	0.27
21	1.1	0.0	455.5	0.0	-63.4	0.0	0.98	0.31
22	1.1	0.0	455.5	0.0	-63.4	0.0	0.98	0.31
23	1.1	0.0	455.5	0.0	-63.4	0.0	0.98	0.31
24	1.1	0.0	455.5	0.0	-63.4	0.0	0.98	0.31
25	1.1	0.0	455.5	0.0	-63.4	0.0	0.98	0.31
26	-1.2	0.0	15.2	0.0	70.5	0.0	0.03	0.02
27	-1.2	0.0	15.2	0.0	70.5	0.0	0.03	0.02
28	-1.2	0.0	15.2	0.0	70.5	0.0	0.03	0.02
29	-1.2	0.0	15.2	0.0	70.5	0.0	0.03	0.02
30	-1.2	0.0	15.2	0.0	70.5	0.0	0.03	0.02
31	-1.3	0.0	116.6	0.0	72.1	0.0	0.25	0.08
32	-1.3	0.0	116.6	0.0	72.1	0.0	0.25	0.08
33	-1.3	0.0	116.6	0.0	72.1	0.0	0.25	0.08
34	-1.3	0.0	116.6	0.0	72.1	0.0	0.25	0.08
35	-1.3	0.0	116.6	0.0	72.1	0.0	0.25	0.08
36	-1.3	0.0	217.9	0.0	73.6	0.0	0.47	0.15
37	-1.3	0.0	217.9	0.0	73.6	0.0	0.47	0.15
38	-1.3	0.0	217.9	0.0	73.6	0.0	0.47	0.15
39	-1.3	0.0	217.9	0.0	73.6	0.0	0.47	0.15
40	-1.3	0.0	217.9	0.0	73.6	0.0	0.47	0.15
41	-1.3	0.0	268.6	0.0	74.4	0.0	0.58	0.18
42	-1.3	0.0	268.6	0.0	74.4	0.0	0.58	0.18
43	-1.3	0.0	268.6	0.0	74.4	0.0	0.58	0.18
44	-1.3	0.0	268.6	0.0	74.4	0.0	0.58	0.18
45	-1.3	0.0	268.6	0.0	74.4	0.0	0.58	0.18
46	-1.3	0.0	319.3	0.0	75.2	0.0	0.69	0.22
47	-1.3	0.0	319.3	0.0	75.2	0.0	0.69	0.22
48	-1.3	0.0	319.3	0.0	75.2	0.0	0.69	0.22
49	-1.3	0.0	319.3	0.0	75.2	0.0	0.69	0.22
50	-1.3	0.0	319.3	0.0	75.2	0.0	0.69	0.22

Brazos TMPCPGA.OUT.txt

51	-1.3	0.0	370.0	0.0	76.0	0.0	0.80	0.25
52	-1.3	0.0	370.0	0.0	76.0	0.0	0.80	0.25
53	-1.3	0.0	370.0	0.0	76.0	0.0	0.80	0.25
54	-1.3	0.0	370.0	0.0	76.0	0.0	0.80	0.25
55	-1.3	0.0	370.0	0.0	76.0	0.0	0.80	0.25
56	-1.3	0.0	420.7	0.0	76.7	0.0	0.91	0.29
57	-1.3	0.0	420.7	0.0	76.7	0.0	0.91	0.29
58	-1.3	0.0	420.7	0.0	76.7	0.0	0.91	0.29
59	-1.3	0.0	420.7	0.0	76.7	0.0	0.91	0.29
60	-1.3	0.0	420.7	0.0	76.7	0.0	0.91	0.29
61	1.2	0.0	252.8	0.0	-66.5	0.0	0.54	0.17
62	1.2	0.0	252.8	0.0	-66.5	0.0	0.54	0.17
63	1.2	0.0	252.8	0.0	-66.5	0.0	0.54	0.17
64	1.2	0.0	252.8	0.0	-66.5	0.0	0.54	0.17
65	1.2	0.0	252.8	0.0	-66.5	0.0	0.54	0.17
66	1.2	0.0	303.5	0.0	-65.7	0.0	0.65	0.21
67	1.2	0.0	303.5	0.0	-65.7	0.0	0.65	0.21
68	1.2	0.0	303.5	0.0	-65.7	0.0	0.65	0.21
69	1.2	0.0	303.5	0.0	-65.7	0.0	0.65	0.21
70	1.2	0.0	303.5	0.0	-65.7	0.0	0.65	0.21
71	1.1	0.0	354.2	0.0	-64.9	0.0	0.76	0.24
72	1.1	0.0	354.2	0.0	-64.9	0.0	0.76	0.24
73	1.1	0.0	354.2	0.0	-64.9	0.0	0.76	0.24
74	1.1	0.0	354.2	0.0	-64.9	0.0	0.76	0.24
75	1.1	0.0	354.2	0.0	-64.9	0.0	0.76	0.24
76	1.1	0.0	404.9	0.0	-64.1	0.0	0.87	0.27
77	1.1	0.0	404.9	0.0	-64.1	0.0	0.87	0.27
78	1.1	0.0	404.9	0.0	-64.1	0.0	0.87	0.27
79	1.1	0.0	404.9	0.0	-64.1	0.0	0.87	0.27
80	1.1	0.0	404.9	0.0	-64.1	0.0	0.87	0.27
81	1.1	0.0	455.5	0.0	-63.4	0.0	0.98	0.31
82	1.1	0.0	455.5	0.0	-63.4	0.0	0.98	0.31
83	1.1	0.0	455.5	0.0	-63.4	0.0	0.98	0.31
84	1.1	0.0	455.5	0.0	-63.4	0.0	0.98	0.31
85	1.1	0.0	455.5	0.0	-63.4	0.0	0.98	0.31
86	-1.2	0.0	15.2	0.0	70.5	0.0	0.03	0.02
87	-1.2	0.0	15.2	0.0	70.5	0.0	0.03	0.02
88	-1.2	0.0	15.2	0.0	70.5	0.0	0.03	0.02
89	-1.2	0.0	15.2	0.0	70.5	0.0	0.03	0.02
90	-1.2	0.0	15.2	0.0	70.5	0.0	0.03	0.02
91	-1.3	0.0	116.6	0.0	72.1	0.0	0.25	0.08
92	-1.3	0.0	116.6	0.0	72.1	0.0	0.25	0.08
93	-1.3	0.0	116.6	0.0	72.1	0.0	0.25	0.08
94	-1.3	0.0	116.6	0.0	72.1	0.0	0.25	0.08
95	-1.3	0.0	116.6	0.0	72.1	0.0	0.25	0.08
96	-1.3	0.0	217.9	0.0	73.6	0.0	0.47	0.15
97	-1.3	0.0	217.9	0.0	73.6	0.0	0.47	0.15
98	-1.3	0.0	217.9	0.0	73.6	0.0	0.47	0.15

Brazos TMPCPGA.OUT.txt

99	-1.3	0.0	217.9	0.0	73.6	0.0	0.47	0.15
100	-1.3	0.0	217.9	0.0	73.6	0.0	0.47	0.15
101	-1.3	0.0	268.6	0.0	74.4	0.0	0.58	0.18
102	-1.3	0.0	268.6	0.0	74.4	0.0	0.58	0.18
103	-1.3	0.0	268.6	0.0	74.4	0.0	0.58	0.18
104	-1.3	0.0	268.6	0.0	74.4	0.0	0.58	0.18
105	-1.3	0.0	268.6	0.0	74.4	0.0	0.58	0.18
106	-1.3	0.0	319.3	0.0	75.2	0.0	0.69	0.22
107	-1.3	0.0	319.3	0.0	75.2	0.0	0.69	0.22
108	-1.3	0.0	319.3	0.0	75.2	0.0	0.69	0.22
109	-1.3	0.0	319.3	0.0	75.2	0.0	0.69	0.22
110	-1.3	0.0	319.3	0.0	75.2	0.0	0.69	0.22
111	-1.3	0.0	370.0	0.0	76.0	0.0	0.80	0.25
112	-1.3	0.0	370.0	0.0	76.0	0.0	0.80	0.25
113	-1.3	0.0	370.0	0.0	76.0	0.0	0.80	0.25
114	-1.3	0.0	370.0	0.0	76.0	0.0	0.80	0.25
115	-1.3	0.0	370.0	0.0	76.0	0.0	0.80	0.25
116	-1.3	0.0	420.7	0.0	76.7	0.0	0.91	0.29
117	-1.3	0.0	420.7	0.0	76.7	0.0	0.91	0.29
118	-1.3	0.0	420.7	0.0	76.7	0.0	0.91	0.29
119	-1.3	0.0	420.7	0.0	76.7	0.0	0.91	0.29
120	-1.3	0.0	420.7	0.0	76.7	0.0	0.91	0.29
121	1.2	0.0	252.8	0.0	-66.5	0.0	0.54	0.17
122	1.2	0.0	252.8	0.0	-66.5	0.0	0.54	0.17
123	1.2	0.0	252.8	0.0	-66.5	0.0	0.54	0.17
124	1.2	0.0	252.8	0.0	-66.5	0.0	0.54	0.17
125	1.2	0.0	252.8	0.0	-66.5	0.0	0.54	0.17
126	1.2	0.0	252.8	0.0	-66.5	0.0	0.54	0.17
127	1.2	0.0	252.8	0.0	-66.5	0.0	0.54	0.17
128	1.1	0.0	354.2	0.0	-64.9	0.0	0.76	0.24
129	1.1	0.0	354.2	0.0	-64.9	0.0	0.76	0.24
130	1.1	0.0	354.2	0.0	-64.9	0.0	0.76	0.24
131	1.1	0.0	354.2	0.0	-64.9	0.0	0.76	0.24
132	1.1	0.0	354.2	0.0	-64.9	0.0	0.76	0.24
133	1.1	0.0	354.2	0.0	-64.9	0.0	0.76	0.24
134	1.1	0.0	354.2	0.0	-64.9	0.0	0.76	0.24
135	1.1	0.0	455.5	0.0	-63.4	0.0	0.98	0.31
136	1.1	0.0	455.5	0.0	-63.4	0.0	0.98	0.31
137	1.1	0.0	455.5	0.0	-63.4	0.0	0.98	0.31
138	1.1	0.0	455.5	0.0	-63.4	0.0	0.98	0.31
139	1.1	0.0	455.5	0.0	-63.4	0.0	0.98	0.31
140	1.1	0.0	455.5	0.0	-63.4	0.0	0.98	0.31
141	1.1	0.0	455.5	0.0	-63.4	0.0	0.98	0.31
142	-1.2	0.0	15.2	0.0	70.5	0.0	0.03	0.02
143	-1.2	0.0	15.2	0.0	70.5	0.0	0.03	0.02
144	-1.2	0.0	15.2	0.0	70.5	0.0	0.03	0.02
145	-1.2	0.0	15.2	0.0	70.5	0.0	0.03	0.02
146	-1.2	0.0	15.2	0.0	70.5	0.0	0.03	0.02



Brazos TMPCPGA.OUT.txt

147	-1.2	0.0	15.2	0.0	70.5	0.0	0.03	0.02
148	-1.2	0.0	15.2	0.0	70.5	0.0	0.03	0.02
149	-1.3	0.0	116.6	0.0	72.1	0.0	0.25	0.08
150	-1.3	0.0	116.6	0.0	72.1	0.0	0.25	0.08
151	-1.3	0.0	116.6	0.0	72.1	0.0	0.25	0.08
152	-1.3	0.0	116.6	0.0	72.1	0.0	0.25	0.08
153	-1.3	0.0	116.6	0.0	72.1	0.0	0.25	0.08
154	-1.3	0.0	116.6	0.0	72.1	0.0	0.25	0.08
155	-1.3	0.0	116.6	0.0	72.1	0.0	0.25	0.08
156	-1.3	0.0	217.9	0.0	73.6	0.0	0.47	0.15
157	-1.3	0.0	217.9	0.0	73.6	0.0	0.47	0.15
158	-1.3	0.0	217.9	0.0	73.6	0.0	0.47	0.15
159	-1.3	0.0	217.9	0.0	73.6	0.0	0.47	0.15
160	-1.3	0.0	217.9	0.0	73.6	0.0	0.47	0.15
161	-1.3	0.0	217.9	0.0	73.6	0.0	0.47	0.15
162	-1.3	0.0	217.9	0.0	73.6	0.0	0.47	0.15
163	-1.3	0.0	319.3	0.0	75.2	0.0	0.69	0.22
164	-1.3	0.0	319.3	0.0	75.2	0.0	0.69	0.22
165	-1.3	0.0	319.3	0.0	75.2	0.0	0.69	0.22
166	-1.3	0.0	319.3	0.0	75.2	0.0	0.69	0.22
167	-1.3	0.0	319.3	0.0	75.2	0.0	0.69	0.22
168	-1.3	0.0	319.3	0.0	75.2	0.0	0.69	0.22
169	-1.3	0.0	319.3	0.0	75.2	0.0	0.69	0.22
170	-1.3	0.0	420.7	0.0	76.7	0.0	0.91	0.29
171	-1.3	0.0	420.7	0.0	76.7	0.0	0.91	0.29
172	-1.3	0.0	420.7	0.0	76.7	0.0	0.91	0.29
173	-1.3	0.0	420.7	0.0	76.7	0.0	0.91	0.29
174	-1.3	0.0	420.7	0.0	76.7	0.0	0.91	0.29
175	-1.3	0.0	420.7	0.0	76.7	0.0	0.91	0.29
176	-1.3	0.0	420.7	0.0	76.7	0.0	0.91	0.29
177	1.2	0.0	303.5	0.0	-65.7	0.0	0.65	0.21
178	1.1	0.0	351.5	0.0	-64.9	0.0	0.76	0.24
179	1.1	0.0	402.2	0.0	-64.2	0.0	0.87	0.27
180	1.1	0.0	452.9	0.0	-63.4	0.0	0.98	0.31
181	-1.2	0.0	12.5	0.0	70.5	0.0	0.03	0.01
182	-1.3	0.0	113.9	0.0	72.1	0.0	0.25	0.08
183	-1.3	0.0	215.3	0.0	73.6	0.0	0.46	0.15
184	-1.3	0.0	266.0	0.0	74.4	0.0	0.57	0.18
185	-1.3	0.0	316.6	0.0	75.1	0.0	0.68	0.22
186	-1.3	0.0	367.3	0.0	75.9	0.0	0.79	0.25
187	1.1	0.0	351.5	0.0	-64.9	0.0	0.76	0.24
188	1.1	0.0	402.2	0.0	-64.2	0.0	0.87	0.27
189	1.1	0.0	452.9	0.0	-63.4	0.0	0.98	0.31
190	-1.2	0.0	12.5	0.0	70.5	0.0	0.03	0.01
191	-1.3	0.0	113.9	0.0	72.1	0.0	0.25	0.08
192	-1.3	0.0	215.3	0.0	73.6	0.0	0.46	0.15
193	-1.3	0.0	266.0	0.0	74.4	0.0	0.57	0.18
194	-1.3	0.0	316.6	0.0	75.1	0.0	0.68	0.22

Brazos TMPCPGA.OUT.txt

195	-1.3	0.0	367.3	0.0	75.9	0.0	0.79	0.25
196	1.2	0.0	303.5	0.0	-65.7	0.0	0.65	0.21
197	1.1	0.0	351.5	0.0	-64.9	0.0	0.76	0.24
198	1.1	0.0	402.2	0.0	-64.2	0.0	0.87	0.27
199	1.1	0.0	452.9	0.0	-63.4	0.0	0.98	0.31
200	-1.2	0.0	12.5	0.0	70.5	0.0	0.03	0.01
201	-1.3	0.0	113.9	0.0	72.1	0.0	0.25	0.08
202	-1.3	0.0	215.3	0.0	73.6	0.0	0.46	0.15
203	-1.3	0.0	266.0	0.0	74.4	0.0	0.57	0.18
204	-1.3	0.0	316.6	0.0	75.1	0.0	0.68	0.22
205	-1.3	0.0	367.3	0.0	75.9	0.0	0.79	0.25
206	1.1	0.0	351.5	0.0	-64.9	0.0	0.76	0.24
207	1.1	0.0	402.2	0.0	-64.2	0.0	0.87	0.27
208	1.1	0.0	452.9	0.0	-63.4	0.0	0.98	0.31
209	-1.2	0.0	12.5	0.0	70.5	0.0	0.03	0.01
210	-1.3	0.0	113.9	0.0	72.1	0.0	0.25	0.08
211	-1.3	0.0	215.3	0.0	73.6	0.0	0.46	0.15
212	-1.3	0.0	266.0	0.0	74.4	0.0	0.57	0.18
213	-1.3	0.0	316.6	0.0	75.1	0.0	0.68	0.22
214	-1.3	0.0	367.3	0.0	75.9	0.0	0.79	0.25
215	1.1	0.0	404.8	0.0	-64.1	0.0	0.87	0.27
216	1.1	0.0	455.5	0.0	-63.4	0.0	0.98	0.31
217	1.1	0.0	455.5	0.0	-63.4	0.0	0.98	0.31
218	-1.3	0.0	319.3	0.0	75.2	0.0	0.69	0.22
219	-1.2	0.0	15.2	0.0	70.5	0.0	0.03	0.02
220	-1.3	0.0	116.6	0.0	72.1	0.0	0.25	0.08
221	-1.3	0.0	217.9	0.0	73.6	0.0	0.47	0.15
222	-1.3	0.0	268.6	0.0	74.4	0.0	0.58	0.18
223	-1.2	0.0	15.2	0.0	70.5	0.0	0.03	0.02
224	-1.3	0.0	116.6	0.0	72.1	0.0	0.25	0.08
225	-1.3	0.0	217.9	0.0	73.6	0.0	0.47	0.15
226	-1.3	0.0	268.6	0.0	74.4	0.0	0.58	0.18
227	-1.2	0.0	15.2	0.0	70.5	0.0	0.03	0.02
228	-1.3	0.0	116.6	0.0	72.1	0.0	0.25	0.08
229	-1.3	0.0	217.9	0.0	73.6	0.0	0.47	0.15
230	-1.3	0.0	268.6	0.0	74.4	0.0	0.58	0.18
231	1.1	0.0	404.8	0.0	-64.1	0.0	0.87	0.27
232	1.1	0.0	455.5	0.0	-63.4	0.0	0.98	0.31
233	1.1	0.0	455.5	0.0	-63.4	0.0	0.98	0.31
234	-1.3	0.0	319.3	0.0	75.2	0.0	0.69	0.22
235	-1.2	0.0	15.2	0.0	70.5	0.0	0.03	0.02
236	-1.3	0.0	116.6	0.0	72.1	0.0	0.25	0.08
237	-1.3	0.0	217.9	0.0	73.6	0.0	0.47	0.15
238	-1.3	0.0	268.6	0.0	74.4	0.0	0.58	0.18
239	-1.2	0.0	15.2	0.0	70.5	0.0	0.03	0.02
240	-1.3	0.0	116.6	0.0	72.1	0.0	0.25	0.08
241	-1.3	0.0	217.9	0.0	73.6	0.0	0.47	0.15
242	-1.3	0.0	268.6	0.0	74.4	0.0	0.58	0.18

Brazos TMPCPGA.OUT.txt

243	-1.2	0.0	15.2	0.0	70.5	0.0	0.03	0.02
244	-1.3	0.0	116.6	0.0	72.1	0.0	0.25	0.08
245	-1.3	0.0	217.9	0.0	73.6	0.0	0.47	0.15
246	-1.3	0.0	268.6	0.0	74.4	0.0	0.58	0.18

LOAD CASE - 2

PILE	F1 K	F2 K	F3 K	M1 IN-K	M2 IN-K	M3 IN-K	ALF	CBF
1	1.3	0.0	252.3	0.0	-76.0	0.0	0.47	0.15
2	1.3	0.0	252.3	0.0	-76.0	0.0	0.47	0.15
3	1.3	0.0	252.3	0.0	-76.0	0.0	0.47	0.15
4	1.3	0.0	252.3	0.0	-76.0	0.0	0.47	0.15
5	1.3	0.0	252.3	0.0	-76.0	0.0	0.47	0.15
6	1.3	0.0	309.5	0.0	-75.1	0.0	0.58	0.18
7	1.3	0.0	309.5	0.0	-75.1	0.0	0.58	0.18
8	1.3	0.0	309.5	0.0	-75.1	0.0	0.58	0.18
9	1.3	0.0	309.5	0.0	-75.1	0.0	0.58	0.18
10	1.3	0.0	309.5	0.0	-75.1	0.0	0.58	0.18
11	1.3	0.0	366.7	0.0	-74.2	0.0	0.69	0.22
12	1.3	0.0	366.7	0.0	-74.2	0.0	0.69	0.22
13	1.3	0.0	366.7	0.0	-74.2	0.0	0.69	0.22
14	1.3	0.0	366.7	0.0	-74.2	0.0	0.69	0.22
15	1.3	0.0	366.7	0.0	-74.2	0.0	0.69	0.22
16	1.3	0.0	423.8	0.0	-73.3	0.0	0.80	0.25
17	1.3	0.0	423.8	0.0	-73.3	0.0	0.80	0.25
18	1.3	0.0	423.8	0.0	-73.3	0.0	0.80	0.25
19	1.3	0.0	423.8	0.0	-73.3	0.0	0.80	0.25
20	1.3	0.0	423.8	0.0	-73.3	0.0	0.80	0.25
21	1.3	0.0	481.0	0.0	-72.5	0.0	0.90	0.28
22	1.3	0.0	481.0	0.0	-72.5	0.0	0.90	0.28
23	1.3	0.0	481.0	0.0	-72.5	0.0	0.90	0.28
24	1.3	0.0	481.0	0.0	-72.5	0.0	0.90	0.28
25	1.3	0.0	481.0	0.0	-72.5	0.0	0.90	0.28
26	-1.4	0.0	-19.5	0.0	79.5	0.0	0.04	0.02
27	-1.4	0.0	-19.5	0.0	79.5	0.0	0.04	0.02
28	-1.4	0.0	-19.5	0.0	79.5	0.0	0.04	0.02
29	-1.4	0.0	-19.5	0.0	79.5	0.0	0.04	0.02
30	-1.4	0.0	-19.5	0.0	79.5	0.0	0.04	0.02
31	-1.4	0.0	94.8	0.0	81.3	0.0	0.18	0.06
32	-1.4	0.0	94.8	0.0	81.3	0.0	0.18	0.06
33	-1.4	0.0	94.8	0.0	81.3	0.0	0.18	0.06
34	-1.4	0.0	94.8	0.0	81.3	0.0	0.18	0.06
35	-1.4	0.0	94.8	0.0	81.3	0.0	0.18	0.06
36	-1.5	0.0	209.2	0.0	83.0	0.0	0.39	0.13
37	-1.5	0.0	209.2	0.0	83.0	0.0	0.39	0.13

Brazos TMPCPGA.OUT.txt

38	-1.5	0.0	209.2	0.0	83.0	0.0	0.39	0.13
39	-1.5	0.0	209.2	0.0	83.0	0.0	0.39	0.13
40	-1.5	0.0	209.2	0.0	83.0	0.0	0.39	0.13
41	-1.5	0.0	266.4	0.0	83.9	0.0	0.50	0.16
42	-1.5	0.0	266.4	0.0	83.9	0.0	0.50	0.16
43	-1.5	0.0	266.4	0.0	83.9	0.0	0.50	0.16
44	-1.5	0.0	266.4	0.0	83.9	0.0	0.50	0.16
45	-1.5	0.0	266.4	0.0	83.9	0.0	0.50	0.16
46	-1.5	0.0	323.6	0.0	84.8	0.0	0.61	0.19
47	-1.5	0.0	323.6	0.0	84.8	0.0	0.61	0.19
48	-1.5	0.0	323.6	0.0	84.8	0.0	0.61	0.19
49	-1.5	0.0	323.6	0.0	84.8	0.0	0.61	0.19
50	-1.5	0.0	323.6	0.0	84.8	0.0	0.61	0.19
51	-1.5	0.0	380.8	0.0	85.6	0.0	0.72	0.23
52	-1.5	0.0	380.8	0.0	85.6	0.0	0.72	0.23
53	-1.5	0.0	380.8	0.0	85.6	0.0	0.72	0.23
54	-1.5	0.0	380.8	0.0	85.6	0.0	0.72	0.23
55	-1.5	0.0	380.8	0.0	85.6	0.0	0.72	0.23
56	-1.5	0.0	438.0	0.0	86.5	0.0	0.82	0.26
57	-1.5	0.0	438.0	0.0	86.5	0.0	0.82	0.26
58	-1.5	0.0	438.0	0.0	86.5	0.0	0.82	0.26
59	-1.5	0.0	438.0	0.0	86.5	0.0	0.82	0.26
60	-1.5	0.0	438.0	0.0	86.5	0.0	0.82	0.26
61	1.3	0.0	252.3	0.0	-76.0	0.0	0.47	0.15
62	1.3	0.0	252.3	0.0	-76.0	0.0	0.47	0.15
63	1.3	0.0	252.3	0.0	-76.0	0.0	0.47	0.15
64	1.3	0.0	252.3	0.0	-76.0	0.0	0.47	0.15
65	1.3	0.0	252.3	0.0	-76.0	0.0	0.47	0.15
66	1.3	0.0	309.5	0.0	-75.1	0.0	0.58	0.18
67	1.3	0.0	309.5	0.0	-75.1	0.0	0.58	0.18
68	1.3	0.0	309.5	0.0	-75.1	0.0	0.58	0.18
69	1.3	0.0	309.5	0.0	-75.1	0.0	0.58	0.18
70	1.3	0.0	309.5	0.0	-75.1	0.0	0.58	0.18
71	1.3	0.0	366.7	0.0	-74.2	0.0	0.69	0.22
72	1.3	0.0	366.7	0.0	-74.2	0.0	0.69	0.22
73	1.3	0.0	366.7	0.0	-74.2	0.0	0.69	0.22
74	1.3	0.0	366.7	0.0	-74.2	0.0	0.69	0.22
75	1.3	0.0	366.7	0.0	-74.2	0.0	0.69	0.22
76	1.3	0.0	423.8	0.0	-73.3	0.0	0.80	0.25
77	1.3	0.0	423.8	0.0	-73.3	0.0	0.80	0.25
78	1.3	0.0	423.8	0.0	-73.3	0.0	0.80	0.25
79	1.3	0.0	423.8	0.0	-73.3	0.0	0.80	0.25
80	1.3	0.0	423.8	0.0	-73.3	0.0	0.80	0.25
81	1.3	0.0	481.0	0.0	-72.5	0.0	0.90	0.28
82	1.3	0.0	481.0	0.0	-72.5	0.0	0.90	0.28
83	1.3	0.0	481.0	0.0	-72.5	0.0	0.90	0.28
84	1.3	0.0	481.0	0.0	-72.5	0.0	0.90	0.28
85	1.3	0.0	481.0	0.0	-72.5	0.0	0.90	0.28

Brazos TMPCPGA.OUT.txt

86	-1.4	0.0	-19.5	0.0	79.5	0.0	0.04	0.02
87	-1.4	0.0	-19.5	0.0	79.5	0.0	0.04	0.02
88	-1.4	0.0	-19.5	0.0	79.5	0.0	0.04	0.02
89	-1.4	0.0	-19.5	0.0	79.5	0.0	0.04	0.02
90	-1.4	0.0	-19.5	0.0	79.5	0.0	0.04	0.02
91	-1.4	0.0	94.8	0.0	81.3	0.0	0.18	0.06
92	-1.4	0.0	94.8	0.0	81.3	0.0	0.18	0.06
93	-1.4	0.0	94.8	0.0	81.3	0.0	0.18	0.06
94	-1.4	0.0	94.8	0.0	81.3	0.0	0.18	0.06
95	-1.4	0.0	94.8	0.0	81.3	0.0	0.18	0.06
96	-1.5	0.0	209.2	0.0	83.0	0.0	0.39	0.13
97	-1.5	0.0	209.2	0.0	83.0	0.0	0.39	0.13
98	-1.5	0.0	209.2	0.0	83.0	0.0	0.39	0.13
99	-1.5	0.0	209.2	0.0	83.0	0.0	0.39	0.13
100	-1.5	0.0	209.2	0.0	83.0	0.0	0.39	0.13
101	-1.5	0.0	266.4	0.0	83.9	0.0	0.50	0.16
102	-1.5	0.0	266.4	0.0	83.9	0.0	0.50	0.16
103	-1.5	0.0	266.4	0.0	83.9	0.0	0.50	0.16
104	-1.5	0.0	266.4	0.0	83.9	0.0	0.50	0.16
105	-1.5	0.0	266.4	0.0	83.9	0.0	0.50	0.16
106	-1.5	0.0	323.6	0.0	84.8	0.0	0.61	0.19
107	-1.5	0.0	323.6	0.0	84.8	0.0	0.61	0.19
108	-1.5	0.0	323.6	0.0	84.8	0.0	0.61	0.19
109	-1.5	0.0	323.6	0.0	84.8	0.0	0.61	0.19
110	-1.5	0.0	323.6	0.0	84.8	0.0	0.61	0.19
111	-1.5	0.0	380.8	0.0	85.6	0.0	0.72	0.23
112	-1.5	0.0	380.8	0.0	85.6	0.0	0.72	0.23
113	-1.5	0.0	380.8	0.0	85.6	0.0	0.72	0.23
114	-1.5	0.0	380.8	0.0	85.6	0.0	0.72	0.23
115	-1.5	0.0	380.8	0.0	85.6	0.0	0.72	0.23
116	-1.5	0.0	438.0	0.0	86.5	0.0	0.82	0.26
117	-1.5	0.0	438.0	0.0	86.5	0.0	0.82	0.26
118	-1.5	0.0	438.0	0.0	86.5	0.0	0.82	0.26
119	-1.5	0.0	438.0	0.0	86.5	0.0	0.82	0.26
120	-1.5	0.0	438.0	0.0	86.5	0.0	0.82	0.26
121	1.3	0.0	252.3	0.0	-76.0	0.0	0.47	0.15
122	1.3	0.0	252.3	0.0	-76.0	0.0	0.47	0.15
123	1.3	0.0	252.3	0.0	-76.0	0.0	0.47	0.15
124	1.3	0.0	252.3	0.0	-76.0	0.0	0.47	0.15
125	1.3	0.0	252.3	0.0	-76.0	0.0	0.47	0.15
126	1.3	0.0	252.3	0.0	-76.0	0.0	0.47	0.15
127	1.3	0.0	252.3	0.0	-76.0	0.0	0.47	0.15
128	1.3	0.0	366.7	0.0	-74.2	0.0	0.69	0.22
129	1.3	0.0	366.7	0.0	-74.2	0.0	0.69	0.22
130	1.3	0.0	366.7	0.0	-74.2	0.0	0.69	0.22
131	1.3	0.0	366.7	0.0	-74.2	0.0	0.69	0.22
132	1.3	0.0	366.7	0.0	-74.2	0.0	0.69	0.22
133	1.3	0.0	366.7	0.0	-74.2	0.0	0.69	0.22

Brazos TMPCPGA.OUT.txt

134	1.3	0.0	366.7	0.0	-74.2	0.0	0.69	0.22
135	1.3	0.0	481.0	0.0	-72.5	0.0	0.90	0.28
136	1.3	0.0	481.0	0.0	-72.5	0.0	0.90	0.28
137	1.3	0.0	481.0	0.0	-72.5	0.0	0.90	0.28
138	1.3	0.0	481.0	0.0	-72.5	0.0	0.90	0.28
139	1.3	0.0	481.0	0.0	-72.5	0.0	0.90	0.28
140	1.3	0.0	481.0	0.0	-72.5	0.0	0.90	0.28
141	1.3	0.0	481.0	0.0	-72.5	0.0	0.90	0.28
142	-1.4	0.0	-19.5	0.0	79.5	0.0	0.04	0.02
143	-1.4	0.0	-19.5	0.0	79.5	0.0	0.04	0.02
144	-1.4	0.0	-19.5	0.0	79.5	0.0	0.04	0.02
145	-1.4	0.0	-19.5	0.0	79.5	0.0	0.04	0.02
146	-1.4	0.0	-19.5	0.0	79.5	0.0	0.04	0.02
147	-1.4	0.0	-19.5	0.0	79.5	0.0	0.04	0.02
148	-1.4	0.0	-19.5	0.0	79.5	0.0	0.04	0.02
149	-1.4	0.0	94.8	0.0	81.3	0.0	0.18	0.06
150	-1.4	0.0	94.8	0.0	81.3	0.0	0.18	0.06
151	-1.4	0.0	94.8	0.0	81.3	0.0	0.18	0.06
152	-1.4	0.0	94.8	0.0	81.3	0.0	0.18	0.06
153	-1.4	0.0	94.8	0.0	81.3	0.0	0.18	0.06
154	-1.4	0.0	94.8	0.0	81.3	0.0	0.18	0.06
155	-1.4	0.0	94.8	0.0	81.3	0.0	0.18	0.06
156	-1.5	0.0	209.2	0.0	83.0	0.0	0.39	0.13
157	-1.5	0.0	209.2	0.0	83.0	0.0	0.39	0.13
158	-1.5	0.0	209.2	0.0	83.0	0.0	0.39	0.13
159	-1.5	0.0	209.2	0.0	83.0	0.0	0.39	0.13
160	-1.5	0.0	209.2	0.0	83.0	0.0	0.39	0.13
161	-1.5	0.0	209.2	0.0	83.0	0.0	0.39	0.13
162	-1.5	0.0	209.2	0.0	83.0	0.0	0.39	0.13
163	-1.5	0.0	323.6	0.0	84.8	0.0	0.61	0.19
164	-1.5	0.0	323.6	0.0	84.8	0.0	0.61	0.19
165	-1.5	0.0	323.6	0.0	84.8	0.0	0.61	0.19
166	-1.5	0.0	323.6	0.0	84.8	0.0	0.61	0.19
167	-1.5	0.0	323.6	0.0	84.8	0.0	0.61	0.19
168	-1.5	0.0	323.6	0.0	84.8	0.0	0.61	0.19
169	-1.5	0.0	323.6	0.0	84.8	0.0	0.61	0.19
170	-1.5	0.0	438.0	0.0	86.5	0.0	0.82	0.26
171	-1.5	0.0	438.0	0.0	86.5	0.0	0.82	0.26
172	-1.5	0.0	438.0	0.0	86.5	0.0	0.82	0.26
173	-1.5	0.0	438.0	0.0	86.5	0.0	0.82	0.26
174	-1.5	0.0	438.0	0.0	86.5	0.0	0.82	0.26
175	-1.5	0.0	438.0	0.0	86.5	0.0	0.82	0.26
176	-1.5	0.0	438.0	0.0	86.5	0.0	0.82	0.26
177	1.3	0.0	309.5	0.0	-75.1	0.0	0.58	0.18
178	1.3	0.0	363.7	0.0	-74.3	0.0	0.68	0.22
179	1.3	0.0	420.8	0.0	-73.4	0.0	0.79	0.25
180	1.3	0.0	478.0	0.0	-72.5	0.0	0.90	0.28
181	-1.4	0.0	-22.5	0.0	79.5	0.0	0.05	0.02

Brazos TMPCPGA.OUT.txt

182	-1.4	0.0	91.9	0.0	81.2	0.0	0.17	0.06
183	-1.5	0.0	206.2	0.0	83.0	0.0	0.39	0.13
184	-1.5	0.0	263.4	0.0	83.8	0.0	0.50	0.16
185	-1.5	0.0	320.6	0.0	84.7	0.0	0.60	0.19
186	-1.5	0.0	377.8	0.0	85.6	0.0	0.71	0.23
187	1.3	0.0	363.7	0.0	-74.3	0.0	0.68	0.22
188	1.3	0.0	420.8	0.0	-73.4	0.0	0.79	0.25
189	1.3	0.0	478.0	0.0	-72.5	0.0	0.90	0.28
190	-1.4	0.0	-22.5	0.0	79.5	0.0	0.05	0.02
191	-1.4	0.0	91.9	0.0	81.2	0.0	0.17	0.06
192	-1.5	0.0	206.2	0.0	83.0	0.0	0.39	0.13
193	-1.5	0.0	263.4	0.0	83.8	0.0	0.50	0.16
194	-1.5	0.0	320.6	0.0	84.7	0.0	0.60	0.19
195	-1.5	0.0	377.8	0.0	85.6	0.0	0.71	0.23
196	1.3	0.0	309.5	0.0	-75.1	0.0	0.58	0.18
197	1.3	0.0	363.7	0.0	-74.3	0.0	0.68	0.22
198	1.3	0.0	420.8	0.0	-73.4	0.0	0.79	0.25
199	1.3	0.0	478.0	0.0	-72.5	0.0	0.90	0.28
200	-1.4	0.0	-22.5	0.0	79.5	0.0	0.05	0.02
201	-1.4	0.0	91.9	0.0	81.2	0.0	0.17	0.06
202	-1.5	0.0	206.2	0.0	83.0	0.0	0.39	0.13
203	-1.5	0.0	263.4	0.0	83.8	0.0	0.50	0.16
204	-1.5	0.0	320.6	0.0	84.7	0.0	0.60	0.19
205	-1.5	0.0	377.8	0.0	85.6	0.0	0.71	0.23
206	1.3	0.0	363.7	0.0	-74.3	0.0	0.68	0.22
207	1.3	0.0	420.8	0.0	-73.4	0.0	0.79	0.25
208	1.3	0.0	478.0	0.0	-72.5	0.0	0.90	0.28
209	-1.4	0.0	-22.5	0.0	79.5	0.0	0.05	0.02
210	-1.4	0.0	91.9	0.0	81.2	0.0	0.17	0.06
211	-1.5	0.0	206.2	0.0	83.0	0.0	0.39	0.13
212	-1.5	0.0	263.4	0.0	83.8	0.0	0.50	0.16
213	-1.5	0.0	320.6	0.0	84.7	0.0	0.60	0.19
214	-1.5	0.0	377.8	0.0	85.6	0.0	0.71	0.23
215	1.3	0.0	423.8	0.0	-73.3	0.0	0.80	0.25
216	1.3	0.0	481.0	0.0	-72.5	0.0	0.90	0.28
217	1.3	0.0	481.0	0.0	-72.5	0.0	0.90	0.28
218	-1.5	0.0	323.6	0.0	84.8	0.0	0.61	0.19
219	-1.4	0.0	-19.5	0.0	79.5	0.0	0.04	0.02
220	-1.4	0.0	94.8	0.0	81.3	0.0	0.18	0.06
221	-1.5	0.0	209.2	0.0	83.0	0.0	0.39	0.13
222	-1.5	0.0	266.4	0.0	83.9	0.0	0.50	0.16
223	-1.4	0.0	-19.5	0.0	79.5	0.0	0.04	0.02
224	-1.4	0.0	94.8	0.0	81.3	0.0	0.18	0.06
225	-1.5	0.0	209.2	0.0	83.0	0.0	0.39	0.13
226	-1.5	0.0	266.4	0.0	83.9	0.0	0.50	0.16
227	-1.4	0.0	-19.5	0.0	79.5	0.0	0.04	0.02
228	-1.4	0.0	94.8	0.0	81.3	0.0	0.18	0.06
229	-1.5	0.0	209.2	0.0	83.0	0.0	0.39	0.13

Brazos TMPCPGA.OUT.txt

230	-1.5	0.0	266.4	0.0	83.9	0.0	0.50	0.16
231	1.3	0.0	423.8	0.0	-73.3	0.0	0.80	0.25
232	1.3	0.0	481.0	0.0	-72.5	0.0	0.90	0.28
233	1.3	0.0	481.0	0.0	-72.5	0.0	0.90	0.28
234	-1.5	0.0	323.6	0.0	84.8	0.0	0.61	0.19
235	-1.4	0.0	-19.5	0.0	79.5	0.0	0.04	0.02
236	-1.4	0.0	94.8	0.0	81.3	0.0	0.18	0.06
237	-1.5	0.0	209.2	0.0	83.0	0.0	0.39	0.13
238	-1.5	0.0	266.4	0.0	83.9	0.0	0.50	0.16
239	-1.4	0.0	-19.5	0.0	79.5	0.0	0.04	0.02
240	-1.4	0.0	94.8	0.0	81.3	0.0	0.18	0.06
241	-1.5	0.0	209.2	0.0	83.0	0.0	0.39	0.13
242	-1.5	0.0	266.4	0.0	83.9	0.0	0.50	0.16
243	-1.4	0.0	-19.5	0.0	79.5	0.0	0.04	0.02
244	-1.4	0.0	94.8	0.0	81.3	0.0	0.18	0.06
245	-1.5	0.0	209.2	0.0	83.0	0.0	0.39	0.13
246	-1.5	0.0	266.4	0.0	83.9	0.0	0.50	0.16

LOAD CASE - 3

PILE	F1 K	F2 K	F3 K	M1 IN-K	M2 IN-K	M3 IN-K	ALF	CBF
1	-0.4	0.0	141.0	0.0	21.1	0.0	0.35	0.11
2	-0.4	0.0	141.0	0.0	21.1	0.0	0.35	0.11
3	-0.4	0.0	141.0	0.0	21.1	0.0	0.35	0.11
4	-0.4	0.0	141.0	0.0	21.1	0.0	0.35	0.11
5	-0.4	0.0	141.0	0.0	21.1	0.0	0.35	0.11
6	-0.4	0.0	131.6	0.0	20.9	0.0	0.33	0.10
7	-0.4	0.0	131.6	0.0	20.9	0.0	0.33	0.10
8	-0.4	0.0	131.6	0.0	20.9	0.0	0.33	0.10
9	-0.4	0.0	131.6	0.0	20.9	0.0	0.33	0.10
10	-0.4	0.0	131.6	0.0	20.9	0.0	0.33	0.10
11	-0.4	0.0	122.2	0.0	20.8	0.0	0.31	0.10
12	-0.4	0.0	122.2	0.0	20.8	0.0	0.31	0.10
13	-0.4	0.0	122.2	0.0	20.8	0.0	0.31	0.10
14	-0.4	0.0	122.2	0.0	20.8	0.0	0.31	0.10
15	-0.4	0.0	122.2	0.0	20.8	0.0	0.31	0.10
16	-0.4	0.0	112.9	0.0	20.7	0.0	0.28	0.09
17	-0.4	0.0	112.9	0.0	20.7	0.0	0.28	0.09
18	-0.4	0.0	112.9	0.0	20.7	0.0	0.28	0.09
19	-0.4	0.0	112.9	0.0	20.7	0.0	0.28	0.09
20	-0.4	0.0	112.9	0.0	20.7	0.0	0.28	0.09
21	-0.4	0.0	103.5	0.0	20.5	0.0	0.26	0.08
22	-0.4	0.0	103.5	0.0	20.5	0.0	0.26	0.08
23	-0.4	0.0	103.5	0.0	20.5	0.0	0.26	0.08
24	-0.4	0.0	103.5	0.0	20.5	0.0	0.26	0.08



Brazos TMPCPGA.OUT.txt

25	-0.4	0.0	103.5	0.0	20.5	0.0	0.26	0.08
26	0.3	0.0	230.6	0.0	-15.4	0.0	0.58	0.18
27	0.3	0.0	230.6	0.0	-15.4	0.0	0.58	0.18
28	0.3	0.0	230.6	0.0	-15.4	0.0	0.58	0.18
29	0.3	0.0	230.6	0.0	-15.4	0.0	0.58	0.18
30	0.3	0.0	230.6	0.0	-15.4	0.0	0.58	0.18
31	0.3	0.0	211.8	0.0	-15.7	0.0	0.53	0.16
32	0.3	0.0	211.8	0.0	-15.7	0.0	0.53	0.16
33	0.3	0.0	211.8	0.0	-15.7	0.0	0.53	0.16
34	0.3	0.0	211.8	0.0	-15.7	0.0	0.53	0.16
35	0.3	0.0	211.8	0.0	-15.7	0.0	0.53	0.16
36	0.3	0.0	193.1	0.0	-16.0	0.0	0.48	0.15
37	0.3	0.0	193.1	0.0	-16.0	0.0	0.48	0.15
38	0.3	0.0	193.1	0.0	-16.0	0.0	0.48	0.15
39	0.3	0.0	193.1	0.0	-16.0	0.0	0.48	0.15
40	0.3	0.0	193.1	0.0	-16.0	0.0	0.48	0.15
41	0.3	0.0	183.7	0.0	-16.1	0.0	0.46	0.14
42	0.3	0.0	183.7	0.0	-16.1	0.0	0.46	0.14
43	0.3	0.0	183.7	0.0	-16.1	0.0	0.46	0.14
44	0.3	0.0	183.7	0.0	-16.1	0.0	0.46	0.14
45	0.3	0.0	183.7	0.0	-16.1	0.0	0.46	0.14
46	0.3	0.0	174.3	0.0	-16.3	0.0	0.44	0.14
47	0.3	0.0	174.3	0.0	-16.3	0.0	0.44	0.14
48	0.3	0.0	174.3	0.0	-16.3	0.0	0.44	0.14
49	0.3	0.0	174.3	0.0	-16.3	0.0	0.44	0.14
50	0.3	0.0	174.3	0.0	-16.3	0.0	0.44	0.14
51	0.3	0.0	164.9	0.0	-16.4	0.0	0.41	0.13
52	0.3	0.0	164.9	0.0	-16.4	0.0	0.41	0.13
53	0.3	0.0	164.9	0.0	-16.4	0.0	0.41	0.13
54	0.3	0.0	164.9	0.0	-16.4	0.0	0.41	0.13
55	0.3	0.0	164.9	0.0	-16.4	0.0	0.41	0.13
56	0.3	0.0	155.6	0.0	-16.6	0.0	0.39	0.12
57	0.3	0.0	155.6	0.0	-16.6	0.0	0.39	0.12
58	0.3	0.0	155.6	0.0	-16.6	0.0	0.39	0.12
59	0.3	0.0	155.6	0.0	-16.6	0.0	0.39	0.12
60	0.3	0.0	155.6	0.0	-16.6	0.0	0.39	0.12
61	-0.4	0.0	141.0	0.0	21.1	0.0	0.35	0.11
62	-0.4	0.0	141.0	0.0	21.1	0.0	0.35	0.11
63	-0.4	0.0	141.0	0.0	21.1	0.0	0.35	0.11
64	-0.4	0.0	141.0	0.0	21.1	0.0	0.35	0.11
65	-0.4	0.0	141.0	0.0	21.1	0.0	0.35	0.11
66	-0.4	0.0	131.6	0.0	20.9	0.0	0.33	0.10
67	-0.4	0.0	131.6	0.0	20.9	0.0	0.33	0.10
68	-0.4	0.0	131.6	0.0	20.9	0.0	0.33	0.10
69	-0.4	0.0	131.6	0.0	20.9	0.0	0.33	0.10
70	-0.4	0.0	131.6	0.0	20.9	0.0	0.33	0.10
71	-0.4	0.0	122.2	0.0	20.8	0.0	0.31	0.10
72	-0.4	0.0	122.2	0.0	20.8	0.0	0.31	0.10

Brazos TMPCPGA.OUT.txt

73	-0.4	0.0	122.2	0.0	20.8	0.0	0.31	0.10
74	-0.4	0.0	122.2	0.0	20.8	0.0	0.31	0.10
75	-0.4	0.0	122.2	0.0	20.8	0.0	0.31	0.10
76	-0.4	0.0	112.9	0.0	20.7	0.0	0.28	0.09
77	-0.4	0.0	112.9	0.0	20.7	0.0	0.28	0.09
78	-0.4	0.0	112.9	0.0	20.7	0.0	0.28	0.09
79	-0.4	0.0	112.9	0.0	20.7	0.0	0.28	0.09
80	-0.4	0.0	112.9	0.0	20.7	0.0	0.28	0.09
81	-0.4	0.0	103.5	0.0	20.5	0.0	0.26	0.08
82	-0.4	0.0	103.5	0.0	20.5	0.0	0.26	0.08
83	-0.4	0.0	103.5	0.0	20.5	0.0	0.26	0.08
84	-0.4	0.0	103.5	0.0	20.5	0.0	0.26	0.08
85	-0.4	0.0	103.5	0.0	20.5	0.0	0.26	0.08
86	0.3	0.0	230.6	0.0	-15.4	0.0	0.58	0.18
87	0.3	0.0	230.6	0.0	-15.4	0.0	0.58	0.18
88	0.3	0.0	230.6	0.0	-15.4	0.0	0.58	0.18
89	0.3	0.0	230.6	0.0	-15.4	0.0	0.58	0.18
90	0.3	0.0	230.6	0.0	-15.4	0.0	0.58	0.18
91	0.3	0.0	211.8	0.0	-15.7	0.0	0.53	0.16
92	0.3	0.0	211.8	0.0	-15.7	0.0	0.53	0.16
93	0.3	0.0	211.8	0.0	-15.7	0.0	0.53	0.16
94	0.3	0.0	211.8	0.0	-15.7	0.0	0.53	0.16
95	0.3	0.0	211.8	0.0	-15.7	0.0	0.53	0.16
96	0.3	0.0	193.1	0.0	-16.0	0.0	0.48	0.15
97	0.3	0.0	193.1	0.0	-16.0	0.0	0.48	0.15
98	0.3	0.0	193.1	0.0	-16.0	0.0	0.48	0.15
99	0.3	0.0	193.1	0.0	-16.0	0.0	0.48	0.15
100	0.3	0.0	193.1	0.0	-16.0	0.0	0.48	0.15
101	0.3	0.0	183.7	0.0	-16.1	0.0	0.46	0.14
102	0.3	0.0	183.7	0.0	-16.1	0.0	0.46	0.14
103	0.3	0.0	183.7	0.0	-16.1	0.0	0.46	0.14
104	0.3	0.0	183.7	0.0	-16.1	0.0	0.46	0.14
105	0.3	0.0	183.7	0.0	-16.1	0.0	0.46	0.14
106	0.3	0.0	174.3	0.0	-16.3	0.0	0.44	0.14
107	0.3	0.0	174.3	0.0	-16.3	0.0	0.44	0.14
108	0.3	0.0	174.3	0.0	-16.3	0.0	0.44	0.14
109	0.3	0.0	174.3	0.0	-16.3	0.0	0.44	0.14
110	0.3	0.0	174.3	0.0	-16.3	0.0	0.44	0.14
111	0.3	0.0	164.9	0.0	-16.4	0.0	0.41	0.13
112	0.3	0.0	164.9	0.0	-16.4	0.0	0.41	0.13
113	0.3	0.0	164.9	0.0	-16.4	0.0	0.41	0.13
114	0.3	0.0	164.9	0.0	-16.4	0.0	0.41	0.13
115	0.3	0.0	164.9	0.0	-16.4	0.0	0.41	0.13
116	0.3	0.0	155.6	0.0	-16.6	0.0	0.39	0.12
117	0.3	0.0	155.6	0.0	-16.6	0.0	0.39	0.12
118	0.3	0.0	155.6	0.0	-16.6	0.0	0.39	0.12
119	0.3	0.0	155.6	0.0	-16.6	0.0	0.39	0.12
120	0.3	0.0	155.6	0.0	-16.6	0.0	0.39	0.12

Brazos TMPCPGA.OUT.txt

121	-0.4	0.0	141.0	0.0	21.1	0.0	0.35	0.11
122	-0.4	0.0	141.0	0.0	21.1	0.0	0.35	0.11
123	-0.4	0.0	141.0	0.0	21.1	0.0	0.35	0.11
124	-0.4	0.0	141.0	0.0	21.1	0.0	0.35	0.11
125	-0.4	0.0	141.0	0.0	21.1	0.0	0.35	0.11
126	-0.4	0.0	141.0	0.0	21.1	0.0	0.35	0.11
127	-0.4	0.0	141.0	0.0	21.1	0.0	0.35	0.11
128	-0.4	0.0	122.2	0.0	20.8	0.0	0.31	0.10
129	-0.4	0.0	122.2	0.0	20.8	0.0	0.31	0.10
130	-0.4	0.0	122.2	0.0	20.8	0.0	0.31	0.10
131	-0.4	0.0	122.2	0.0	20.8	0.0	0.31	0.10
132	-0.4	0.0	122.2	0.0	20.8	0.0	0.31	0.10
133	-0.4	0.0	122.2	0.0	20.8	0.0	0.31	0.10
134	-0.4	0.0	122.2	0.0	20.8	0.0	0.31	0.10
135	-0.4	0.0	103.5	0.0	20.5	0.0	0.26	0.08
136	-0.4	0.0	103.5	0.0	20.5	0.0	0.26	0.08
137	-0.4	0.0	103.5	0.0	20.5	0.0	0.26	0.08
138	-0.4	0.0	103.5	0.0	20.5	0.0	0.26	0.08
139	-0.4	0.0	103.5	0.0	20.5	0.0	0.26	0.08
140	-0.4	0.0	103.5	0.0	20.5	0.0	0.26	0.08
141	-0.4	0.0	103.5	0.0	20.5	0.0	0.26	0.08
142	0.3	0.0	230.6	0.0	-15.4	0.0	0.58	0.18
143	0.3	0.0	230.6	0.0	-15.4	0.0	0.58	0.18
144	0.3	0.0	230.6	0.0	-15.4	0.0	0.58	0.18
145	0.3	0.0	230.6	0.0	-15.4	0.0	0.58	0.18
146	0.3	0.0	230.6	0.0	-15.4	0.0	0.58	0.18
147	0.3	0.0	230.6	0.0	-15.4	0.0	0.58	0.18
148	0.3	0.0	230.6	0.0	-15.4	0.0	0.58	0.18
149	0.3	0.0	211.8	0.0	-15.7	0.0	0.53	0.16
150	0.3	0.0	211.8	0.0	-15.7	0.0	0.53	0.16
151	0.3	0.0	211.8	0.0	-15.7	0.0	0.53	0.16
152	0.3	0.0	211.8	0.0	-15.7	0.0	0.53	0.16
153	0.3	0.0	211.8	0.0	-15.7	0.0	0.53	0.16
154	0.3	0.0	211.8	0.0	-15.7	0.0	0.53	0.16
155	0.3	0.0	211.8	0.0	-15.7	0.0	0.53	0.16
156	0.3	0.0	193.1	0.0	-16.0	0.0	0.48	0.15
157	0.3	0.0	193.1	0.0	-16.0	0.0	0.48	0.15
158	0.3	0.0	193.1	0.0	-16.0	0.0	0.48	0.15
159	0.3	0.0	193.1	0.0	-16.0	0.0	0.48	0.15
160	0.3	0.0	193.1	0.0	-16.0	0.0	0.48	0.15
161	0.3	0.0	193.1	0.0	-16.0	0.0	0.48	0.15
162	0.3	0.0	193.1	0.0	-16.0	0.0	0.48	0.15
163	0.3	0.0	174.3	0.0	-16.3	0.0	0.44	0.14
164	0.3	0.0	174.3	0.0	-16.3	0.0	0.44	0.14
165	0.3	0.0	174.3	0.0	-16.3	0.0	0.44	0.14
166	0.3	0.0	174.3	0.0	-16.3	0.0	0.44	0.14
167	0.3	0.0	174.3	0.0	-16.3	0.0	0.44	0.14
168	0.3	0.0	174.3	0.0	-16.3	0.0	0.44	0.14

Brazos TMPCPGA.OUT.txt

169	0.3	0.0	174.3	0.0	-16.3	0.0	0.44	0.14
170	0.3	0.0	155.6	0.0	-16.6	0.0	0.39	0.12
171	0.3	0.0	155.6	0.0	-16.6	0.0	0.39	0.12
172	0.3	0.0	155.6	0.0	-16.6	0.0	0.39	0.12
173	0.3	0.0	155.6	0.0	-16.6	0.0	0.39	0.12
174	0.3	0.0	155.6	0.0	-16.6	0.0	0.39	0.12
175	0.3	0.0	155.6	0.0	-16.6	0.0	0.39	0.12
176	0.3	0.0	155.6	0.0	-16.6	0.0	0.39	0.12
177	-0.4	0.0	131.6	0.0	20.9	0.0	0.33	0.10
178	-0.4	0.0	122.7	0.0	20.8	0.0	0.31	0.10
179	-0.4	0.0	113.3	0.0	20.7	0.0	0.28	0.09
180	-0.4	0.0	104.0	0.0	20.5	0.0	0.26	0.08
181	0.3	0.0	231.1	0.0	-15.4	0.0	0.58	0.18
182	0.3	0.0	212.3	0.0	-15.7	0.0	0.53	0.17
183	0.3	0.0	193.6	0.0	-16.0	0.0	0.48	0.15
184	0.3	0.0	184.2	0.0	-16.1	0.0	0.46	0.14
185	0.3	0.0	174.8	0.0	-16.3	0.0	0.44	0.14
186	0.3	0.0	165.4	0.0	-16.4	0.0	0.41	0.13
187	-0.4	0.0	122.7	0.0	20.8	0.0	0.31	0.10
188	-0.4	0.0	113.3	0.0	20.7	0.0	0.28	0.09
189	-0.4	0.0	104.0	0.0	20.5	0.0	0.26	0.08
190	0.3	0.0	231.1	0.0	-15.4	0.0	0.58	0.18
191	0.3	0.0	212.3	0.0	-15.7	0.0	0.53	0.17
192	0.3	0.0	193.6	0.0	-16.0	0.0	0.48	0.15
193	0.3	0.0	184.2	0.0	-16.1	0.0	0.46	0.14
194	0.3	0.0	174.8	0.0	-16.3	0.0	0.44	0.14
195	0.3	0.0	165.4	0.0	-16.4	0.0	0.41	0.13
196	-0.4	0.0	131.6	0.0	20.9	0.0	0.33	0.10
197	-0.4	0.0	122.7	0.0	20.8	0.0	0.31	0.10
198	-0.4	0.0	113.3	0.0	20.7	0.0	0.28	0.09
199	-0.4	0.0	104.0	0.0	20.5	0.0	0.26	0.08
200	0.3	0.0	231.1	0.0	-15.4	0.0	0.58	0.18
201	0.3	0.0	212.3	0.0	-15.7	0.0	0.53	0.17
202	0.3	0.0	193.6	0.0	-16.0	0.0	0.48	0.15
203	0.3	0.0	184.2	0.0	-16.1	0.0	0.46	0.14
204	0.3	0.0	174.8	0.0	-16.3	0.0	0.44	0.14
205	0.3	0.0	165.4	0.0	-16.4	0.0	0.41	0.13
206	-0.4	0.0	122.7	0.0	20.8	0.0	0.31	0.10
207	-0.4	0.0	113.3	0.0	20.7	0.0	0.28	0.09
208	-0.4	0.0	104.0	0.0	20.5	0.0	0.26	0.08
209	0.3	0.0	231.1	0.0	-15.4	0.0	0.58	0.18
210	0.3	0.0	212.3	0.0	-15.7	0.0	0.53	0.17
211	0.3	0.0	193.6	0.0	-16.0	0.0	0.48	0.15
212	0.3	0.0	184.2	0.0	-16.1	0.0	0.46	0.14
213	0.3	0.0	174.8	0.0	-16.3	0.0	0.44	0.14
214	0.3	0.0	165.4	0.0	-16.4	0.0	0.41	0.13
215	-0.4	0.0	112.9	0.0	20.7	0.0	0.28	0.09
216	-0.4	0.0	103.5	0.0	20.5	0.0	0.26	0.08

Brazos TMPCPGA.OUT.txt

217	-0.4	0.0	103.5	0.0	20.5	0.0	0.26	0.08
218	0.3	0.0	174.3	0.0	-16.3	0.0	0.44	0.14
219	0.3	0.0	230.6	0.0	-15.4	0.0	0.58	0.18
220	0.3	0.0	211.8	0.0	-15.7	0.0	0.53	0.16
221	0.3	0.0	193.1	0.0	-16.0	0.0	0.48	0.15
222	0.3	0.0	183.7	0.0	-16.1	0.0	0.46	0.14
223	0.3	0.0	230.6	0.0	-15.4	0.0	0.58	0.18
224	0.3	0.0	211.8	0.0	-15.7	0.0	0.53	0.16
225	0.3	0.0	193.1	0.0	-16.0	0.0	0.48	0.15
226	0.3	0.0	183.7	0.0	-16.1	0.0	0.46	0.14
227	0.3	0.0	230.6	0.0	-15.4	0.0	0.58	0.18
228	0.3	0.0	211.8	0.0	-15.7	0.0	0.53	0.16
229	0.3	0.0	193.1	0.0	-16.0	0.0	0.48	0.15
230	0.3	0.0	183.7	0.0	-16.1	0.0	0.46	0.14
231	-0.4	0.0	112.9	0.0	20.7	0.0	0.28	0.09
232	-0.4	0.0	103.5	0.0	20.5	0.0	0.26	0.08
233	-0.4	0.0	103.5	0.0	20.5	0.0	0.26	0.08
234	0.3	0.0	174.3	0.0	-16.3	0.0	0.44	0.14
235	0.3	0.0	230.6	0.0	-15.4	0.0	0.58	0.18
236	0.3	0.0	211.8	0.0	-15.7	0.0	0.53	0.16
237	0.3	0.0	193.1	0.0	-16.0	0.0	0.48	0.15
238	0.3	0.0	183.7	0.0	-16.1	0.0	0.46	0.14
239	0.3	0.0	230.6	0.0	-15.4	0.0	0.58	0.18
240	0.3	0.0	211.8	0.0	-15.7	0.0	0.53	0.16
241	0.3	0.0	193.1	0.0	-16.0	0.0	0.48	0.15
242	0.3	0.0	183.7	0.0	-16.1	0.0	0.46	0.14
243	0.3	0.0	230.6	0.0	-15.4	0.0	0.58	0.18
244	0.3	0.0	211.8	0.0	-15.7	0.0	0.53	0.16
245	0.3	0.0	193.1	0.0	-16.0	0.0	0.48	0.15
246	0.3	0.0	183.7	0.0	-16.1	0.0	0.46	0.14

LOAD CASE - 4

PILE	F1 K	F2 K	F3 K	M1 IN-K	M2 IN-K	M3 IN-K	ALF	CBF
1	-0.4	0.0	140.8	0.0	22.8	0.0	0.26	0.08
2	-0.4	0.0	140.8	0.0	22.8	0.0	0.26	0.08
3	-0.4	0.0	140.8	0.0	22.8	0.0	0.26	0.08
4	-0.4	0.0	140.8	0.0	22.8	0.0	0.26	0.08
5	-0.4	0.0	140.8	0.0	22.8	0.0	0.26	0.08
6	-0.4	0.0	130.3	0.0	22.6	0.0	0.24	0.08
7	-0.4	0.0	130.3	0.0	22.6	0.0	0.24	0.08
8	-0.4	0.0	130.3	0.0	22.6	0.0	0.24	0.08
9	-0.4	0.0	130.3	0.0	22.6	0.0	0.24	0.08
10	-0.4	0.0	130.3	0.0	22.6	0.0	0.24	0.08
11	-0.4	0.0	119.8	0.0	22.4	0.0	0.23	0.07

Brazos TMPCPGA.OUT.txt

12	-0.4	0.0	119.8	0.0	22.4	0.0	0.23	0.07
13	-0.4	0.0	119.8	0.0	22.4	0.0	0.23	0.07
14	-0.4	0.0	119.8	0.0	22.4	0.0	0.23	0.07
15	-0.4	0.0	119.8	0.0	22.4	0.0	0.23	0.07
16	-0.4	0.0	109.3	0.0	22.3	0.0	0.21	0.06
17	-0.4	0.0	109.3	0.0	22.3	0.0	0.21	0.06
18	-0.4	0.0	109.3	0.0	22.3	0.0	0.21	0.06
19	-0.4	0.0	109.3	0.0	22.3	0.0	0.21	0.06
20	-0.4	0.0	109.3	0.0	22.3	0.0	0.21	0.06
21	-0.4	0.0	98.8	0.0	22.1	0.0	0.19	0.06
22	-0.4	0.0	98.8	0.0	22.1	0.0	0.19	0.06
23	-0.4	0.0	98.8	0.0	22.1	0.0	0.19	0.06
24	-0.4	0.0	98.8	0.0	22.1	0.0	0.19	0.06
25	-0.4	0.0	98.8	0.0	22.1	0.0	0.19	0.06
26	0.3	0.0	236.7	0.0	-17.0	0.0	0.44	0.14
27	0.3	0.0	236.7	0.0	-17.0	0.0	0.44	0.14
28	0.3	0.0	236.7	0.0	-17.0	0.0	0.44	0.14
29	0.3	0.0	236.7	0.0	-17.0	0.0	0.44	0.14
30	0.3	0.0	236.7	0.0	-17.0	0.0	0.44	0.14
31	0.3	0.0	215.7	0.0	-17.3	0.0	0.41	0.13
32	0.3	0.0	215.7	0.0	-17.3	0.0	0.41	0.13
33	0.3	0.0	215.7	0.0	-17.3	0.0	0.41	0.13
34	0.3	0.0	215.7	0.0	-17.3	0.0	0.41	0.13
35	0.3	0.0	215.7	0.0	-17.3	0.0	0.41	0.13
36	0.3	0.0	194.7	0.0	-17.6	0.0	0.37	0.11
37	0.3	0.0	194.7	0.0	-17.6	0.0	0.37	0.11
38	0.3	0.0	194.7	0.0	-17.6	0.0	0.37	0.11
39	0.3	0.0	194.7	0.0	-17.6	0.0	0.37	0.11
40	0.3	0.0	194.7	0.0	-17.6	0.0	0.37	0.11
41	0.3	0.0	184.2	0.0	-17.8	0.0	0.35	0.11
42	0.3	0.0	184.2	0.0	-17.8	0.0	0.35	0.11
43	0.3	0.0	184.2	0.0	-17.8	0.0	0.35	0.11
44	0.3	0.0	184.2	0.0	-17.8	0.0	0.35	0.11
45	0.3	0.0	184.2	0.0	-17.8	0.0	0.35	0.11
46	0.3	0.0	173.8	0.0	-18.0	0.0	0.33	0.10
47	0.3	0.0	173.8	0.0	-18.0	0.0	0.33	0.10
48	0.3	0.0	173.8	0.0	-18.0	0.0	0.33	0.10
49	0.3	0.0	173.8	0.0	-18.0	0.0	0.33	0.10
50	0.3	0.0	173.8	0.0	-18.0	0.0	0.33	0.10
51	0.3	0.0	163.3	0.0	-18.1	0.0	0.31	0.10
52	0.3	0.0	163.3	0.0	-18.1	0.0	0.31	0.10
53	0.3	0.0	163.3	0.0	-18.1	0.0	0.31	0.10
54	0.3	0.0	163.3	0.0	-18.1	0.0	0.31	0.10
55	0.3	0.0	163.3	0.0	-18.1	0.0	0.31	0.10
56	0.3	0.0	152.8	0.0	-18.3	0.0	0.29	0.09
57	0.3	0.0	152.8	0.0	-18.3	0.0	0.29	0.09
58	0.3	0.0	152.8	0.0	-18.3	0.0	0.29	0.09
59	0.3	0.0	152.8	0.0	-18.3	0.0	0.29	0.09

Brazos TMPCPGA.OUT.txt

60	0.3	0.0	152.8	0.0	-18.3	0.0	0.29	0.09
61	-0.4	0.0	140.8	0.0	22.8	0.0	0.26	0.08
62	-0.4	0.0	140.8	0.0	22.8	0.0	0.26	0.08
63	-0.4	0.0	140.8	0.0	22.8	0.0	0.26	0.08
64	-0.4	0.0	140.8	0.0	22.8	0.0	0.26	0.08
65	-0.4	0.0	140.8	0.0	22.8	0.0	0.26	0.08
66	-0.4	0.0	130.3	0.0	22.6	0.0	0.24	0.08
67	-0.4	0.0	130.3	0.0	22.6	0.0	0.24	0.08
68	-0.4	0.0	130.3	0.0	22.6	0.0	0.24	0.08
69	-0.4	0.0	130.3	0.0	22.6	0.0	0.24	0.08
70	-0.4	0.0	130.3	0.0	22.6	0.0	0.24	0.08
71	-0.4	0.0	119.8	0.0	22.4	0.0	0.23	0.07
72	-0.4	0.0	119.8	0.0	22.4	0.0	0.23	0.07
73	-0.4	0.0	119.8	0.0	22.4	0.0	0.23	0.07
74	-0.4	0.0	119.8	0.0	22.4	0.0	0.23	0.07
75	-0.4	0.0	119.8	0.0	22.4	0.0	0.23	0.07
76	-0.4	0.0	109.3	0.0	22.3	0.0	0.21	0.06
77	-0.4	0.0	109.3	0.0	22.3	0.0	0.21	0.06
78	-0.4	0.0	109.3	0.0	22.3	0.0	0.21	0.06
79	-0.4	0.0	109.3	0.0	22.3	0.0	0.21	0.06
80	-0.4	0.0	109.3	0.0	22.3	0.0	0.21	0.06
81	-0.4	0.0	98.8	0.0	22.1	0.0	0.19	0.06
82	-0.4	0.0	98.8	0.0	22.1	0.0	0.19	0.06
83	-0.4	0.0	98.8	0.0	22.1	0.0	0.19	0.06
84	-0.4	0.0	98.8	0.0	22.1	0.0	0.19	0.06
85	-0.4	0.0	98.8	0.0	22.1	0.0	0.19	0.06
86	0.3	0.0	236.7	0.0	-17.0	0.0	0.44	0.14
87	0.3	0.0	236.7	0.0	-17.0	0.0	0.44	0.14
88	0.3	0.0	236.7	0.0	-17.0	0.0	0.44	0.14
89	0.3	0.0	236.7	0.0	-17.0	0.0	0.44	0.14
90	0.3	0.0	236.7	0.0	-17.0	0.0	0.44	0.14
91	0.3	0.0	215.7	0.0	-17.3	0.0	0.41	0.13
92	0.3	0.0	215.7	0.0	-17.3	0.0	0.41	0.13
93	0.3	0.0	215.7	0.0	-17.3	0.0	0.41	0.13
94	0.3	0.0	215.7	0.0	-17.3	0.0	0.41	0.13
95	0.3	0.0	215.7	0.0	-17.3	0.0	0.41	0.13
96	0.3	0.0	194.7	0.0	-17.6	0.0	0.37	0.11
97	0.3	0.0	194.7	0.0	-17.6	0.0	0.37	0.11
98	0.3	0.0	194.7	0.0	-17.6	0.0	0.37	0.11
99	0.3	0.0	194.7	0.0	-17.6	0.0	0.37	0.11
100	0.3	0.0	194.7	0.0	-17.6	0.0	0.37	0.11
101	0.3	0.0	184.2	0.0	-17.8	0.0	0.35	0.11
102	0.3	0.0	184.2	0.0	-17.8	0.0	0.35	0.11
103	0.3	0.0	184.2	0.0	-17.8	0.0	0.35	0.11
104	0.3	0.0	184.2	0.0	-17.8	0.0	0.35	0.11
105	0.3	0.0	184.2	0.0	-17.8	0.0	0.35	0.11
106	0.3	0.0	173.8	0.0	-18.0	0.0	0.33	0.10
107	0.3	0.0	173.8	0.0	-18.0	0.0	0.33	0.10

Brazos TMPCPGA.OUT.txt

108	0.3	0.0	173.8	0.0	-18.0	0.0	0.33	0.10
109	0.3	0.0	173.8	0.0	-18.0	0.0	0.33	0.10
110	0.3	0.0	173.8	0.0	-18.0	0.0	0.33	0.10
111	0.3	0.0	163.3	0.0	-18.1	0.0	0.31	0.10
112	0.3	0.0	163.3	0.0	-18.1	0.0	0.31	0.10
113	0.3	0.0	163.3	0.0	-18.1	0.0	0.31	0.10
114	0.3	0.0	163.3	0.0	-18.1	0.0	0.31	0.10
115	0.3	0.0	163.3	0.0	-18.1	0.0	0.31	0.10
116	0.3	0.0	152.8	0.0	-18.3	0.0	0.29	0.09
117	0.3	0.0	152.8	0.0	-18.3	0.0	0.29	0.09
118	0.3	0.0	152.8	0.0	-18.3	0.0	0.29	0.09
119	0.3	0.0	152.8	0.0	-18.3	0.0	0.29	0.09
120	0.3	0.0	152.8	0.0	-18.3	0.0	0.29	0.09
121	-0.4	0.0	140.8	0.0	22.8	0.0	0.26	0.08
122	-0.4	0.0	140.8	0.0	22.8	0.0	0.26	0.08
123	-0.4	0.0	140.8	0.0	22.8	0.0	0.26	0.08
124	-0.4	0.0	140.8	0.0	22.8	0.0	0.26	0.08
125	-0.4	0.0	140.8	0.0	22.8	0.0	0.26	0.08
126	-0.4	0.0	140.8	0.0	22.8	0.0	0.26	0.08
127	-0.4	0.0	140.8	0.0	22.8	0.0	0.26	0.08
128	-0.4	0.0	119.8	0.0	22.4	0.0	0.23	0.07
129	-0.4	0.0	119.8	0.0	22.4	0.0	0.23	0.07
130	-0.4	0.0	119.8	0.0	22.4	0.0	0.23	0.07
131	-0.4	0.0	119.8	0.0	22.4	0.0	0.23	0.07
132	-0.4	0.0	119.8	0.0	22.4	0.0	0.23	0.07
133	-0.4	0.0	119.8	0.0	22.4	0.0	0.23	0.07
134	-0.4	0.0	119.8	0.0	22.4	0.0	0.23	0.07
135	-0.4	0.0	98.8	0.0	22.1	0.0	0.19	0.06
136	-0.4	0.0	98.8	0.0	22.1	0.0	0.19	0.06
137	-0.4	0.0	98.8	0.0	22.1	0.0	0.19	0.06
138	-0.4	0.0	98.8	0.0	22.1	0.0	0.19	0.06
139	-0.4	0.0	98.8	0.0	22.1	0.0	0.19	0.06
140	-0.4	0.0	98.8	0.0	22.1	0.0	0.19	0.06
141	-0.4	0.0	98.8	0.0	22.1	0.0	0.19	0.06
142	0.3	0.0	236.7	0.0	-17.0	0.0	0.44	0.14
143	0.3	0.0	236.7	0.0	-17.0	0.0	0.44	0.14
144	0.3	0.0	236.7	0.0	-17.0	0.0	0.44	0.14
145	0.3	0.0	236.7	0.0	-17.0	0.0	0.44	0.14
146	0.3	0.0	236.7	0.0	-17.0	0.0	0.44	0.14
147	0.3	0.0	236.7	0.0	-17.0	0.0	0.44	0.14
148	0.3	0.0	236.7	0.0	-17.0	0.0	0.44	0.14
149	0.3	0.0	215.7	0.0	-17.3	0.0	0.41	0.13
150	0.3	0.0	215.7	0.0	-17.3	0.0	0.41	0.13
151	0.3	0.0	215.7	0.0	-17.3	0.0	0.41	0.13
152	0.3	0.0	215.7	0.0	-17.3	0.0	0.41	0.13
153	0.3	0.0	215.7	0.0	-17.3	0.0	0.41	0.13
154	0.3	0.0	215.7	0.0	-17.3	0.0	0.41	0.13
155	0.3	0.0	215.7	0.0	-17.3	0.0	0.41	0.13



Brazos TMPCPGA.OUT.txt

156	0.3	0.0	194.7	0.0	-17.6	0.0	0.37	0.11
157	0.3	0.0	194.7	0.0	-17.6	0.0	0.37	0.11
158	0.3	0.0	194.7	0.0	-17.6	0.0	0.37	0.11
159	0.3	0.0	194.7	0.0	-17.6	0.0	0.37	0.11
160	0.3	0.0	194.7	0.0	-17.6	0.0	0.37	0.11
161	0.3	0.0	194.7	0.0	-17.6	0.0	0.37	0.11
162	0.3	0.0	194.7	0.0	-17.6	0.0	0.37	0.11
163	0.3	0.0	173.8	0.0	-18.0	0.0	0.33	0.10
164	0.3	0.0	173.8	0.0	-18.0	0.0	0.33	0.10
165	0.3	0.0	173.8	0.0	-18.0	0.0	0.33	0.10
166	0.3	0.0	173.8	0.0	-18.0	0.0	0.33	0.10
167	0.3	0.0	173.8	0.0	-18.0	0.0	0.33	0.10
168	0.3	0.0	173.8	0.0	-18.0	0.0	0.33	0.10
169	0.3	0.0	173.8	0.0	-18.0	0.0	0.33	0.10
170	0.3	0.0	152.8	0.0	-18.3	0.0	0.29	0.09
171	0.3	0.0	152.8	0.0	-18.3	0.0	0.29	0.09
172	0.3	0.0	152.8	0.0	-18.3	0.0	0.29	0.09
173	0.3	0.0	152.8	0.0	-18.3	0.0	0.29	0.09
174	0.3	0.0	152.8	0.0	-18.3	0.0	0.29	0.09
175	0.3	0.0	152.8	0.0	-18.3	0.0	0.29	0.09
176	0.3	0.0	152.8	0.0	-18.3	0.0	0.29	0.09
177	-0.4	0.0	130.3	0.0	22.6	0.0	0.24	0.08
178	-0.4	0.0	120.4	0.0	22.4	0.0	0.23	0.07
179	-0.4	0.0	109.9	0.0	22.3	0.0	0.21	0.07
180	-0.4	0.0	99.4	0.0	22.1	0.0	0.19	0.06
181	0.3	0.0	237.2	0.0	-17.0	0.0	0.45	0.14
182	0.3	0.0	216.2	0.0	-17.3	0.0	0.41	0.13
183	0.3	0.0	195.3	0.0	-17.6	0.0	0.37	0.11
184	0.3	0.0	184.8	0.0	-17.8	0.0	0.35	0.11
185	0.3	0.0	174.3	0.0	-17.9	0.0	0.33	0.10
186	0.3	0.0	163.8	0.0	-18.1	0.0	0.31	0.10
187	-0.4	0.0	120.4	0.0	22.4	0.0	0.23	0.07
188	-0.4	0.0	109.9	0.0	22.3	0.0	0.21	0.07
189	-0.4	0.0	99.4	0.0	22.1	0.0	0.19	0.06
190	0.3	0.0	237.2	0.0	-17.0	0.0	0.45	0.14
191	0.3	0.0	216.2	0.0	-17.3	0.0	0.41	0.13
192	0.3	0.0	195.3	0.0	-17.6	0.0	0.37	0.11
193	0.3	0.0	184.8	0.0	-17.8	0.0	0.35	0.11
194	0.3	0.0	174.3	0.0	-17.9	0.0	0.33	0.10
195	0.3	0.0	163.8	0.0	-18.1	0.0	0.31	0.10
196	-0.4	0.0	130.3	0.0	22.6	0.0	0.24	0.08
197	-0.4	0.0	120.4	0.0	22.4	0.0	0.23	0.07
198	-0.4	0.0	109.9	0.0	22.3	0.0	0.21	0.07
199	-0.4	0.0	99.4	0.0	22.1	0.0	0.19	0.06
200	0.3	0.0	237.2	0.0	-17.0	0.0	0.45	0.14
201	0.3	0.0	216.2	0.0	-17.3	0.0	0.41	0.13
202	0.3	0.0	195.3	0.0	-17.6	0.0	0.37	0.11
203	0.3	0.0	184.8	0.0	-17.8	0.0	0.35	0.11

Brazos TMPCPGA.OUT.txt

204	0.3	0.0	174.3	0.0	-17.9	0.0	0.33	0.10
205	0.3	0.0	163.8	0.0	-18.1	0.0	0.31	0.10
206	-0.4	0.0	120.4	0.0	22.4	0.0	0.23	0.07
207	-0.4	0.0	109.9	0.0	22.3	0.0	0.21	0.07
208	-0.4	0.0	99.4	0.0	22.1	0.0	0.19	0.06
209	0.3	0.0	237.2	0.0	-17.0	0.0	0.45	0.14
210	0.3	0.0	216.2	0.0	-17.3	0.0	0.41	0.13
211	0.3	0.0	195.3	0.0	-17.6	0.0	0.37	0.11
212	0.3	0.0	184.8	0.0	-17.8	0.0	0.35	0.11
213	0.3	0.0	174.3	0.0	-17.9	0.0	0.33	0.10
214	0.3	0.0	163.8	0.0	-18.1	0.0	0.31	0.10
215	-0.4	0.0	109.3	0.0	22.3	0.0	0.21	0.06
216	-0.4	0.0	98.8	0.0	22.1	0.0	0.19	0.06
217	-0.4	0.0	98.8	0.0	22.1	0.0	0.19	0.06
218	0.3	0.0	173.8	0.0	-18.0	0.0	0.33	0.10
219	0.3	0.0	236.7	0.0	-17.0	0.0	0.44	0.14
220	0.3	0.0	215.7	0.0	-17.3	0.0	0.41	0.13
221	0.3	0.0	194.7	0.0	-17.6	0.0	0.37	0.11
222	0.3	0.0	184.2	0.0	-17.8	0.0	0.35	0.11
223	0.3	0.0	236.7	0.0	-17.0	0.0	0.44	0.14
224	0.3	0.0	215.7	0.0	-17.3	0.0	0.41	0.13
225	0.3	0.0	194.7	0.0	-17.6	0.0	0.37	0.11
226	0.3	0.0	184.2	0.0	-17.8	0.0	0.35	0.11
227	0.3	0.0	236.7	0.0	-17.0	0.0	0.44	0.14
228	0.3	0.0	215.7	0.0	-17.3	0.0	0.41	0.13
229	0.3	0.0	194.7	0.0	-17.6	0.0	0.37	0.11
230	0.3	0.0	184.2	0.0	-17.8	0.0	0.35	0.11
231	-0.4	0.0	109.3	0.0	22.3	0.0	0.21	0.06
232	-0.4	0.0	98.8	0.0	22.1	0.0	0.19	0.06
233	-0.4	0.0	98.8	0.0	22.1	0.0	0.19	0.06
234	0.3	0.0	173.8	0.0	-18.0	0.0	0.33	0.10
235	0.3	0.0	236.7	0.0	-17.0	0.0	0.44	0.14
236	0.3	0.0	215.7	0.0	-17.3	0.0	0.41	0.13
237	0.3	0.0	194.7	0.0	-17.6	0.0	0.37	0.11
238	0.3	0.0	184.2	0.0	-17.8	0.0	0.35	0.11
239	0.3	0.0	236.7	0.0	-17.0	0.0	0.44	0.14
240	0.3	0.0	215.7	0.0	-17.3	0.0	0.41	0.13
241	0.3	0.0	194.7	0.0	-17.6	0.0	0.37	0.11
242	0.3	0.0	184.2	0.0	-17.8	0.0	0.35	0.11
243	0.3	0.0	236.7	0.0	-17.0	0.0	0.44	0.14
244	0.3	0.0	215.7	0.0	-17.3	0.0	0.41	0.13
245	0.3	0.0	194.7	0.0	-17.6	0.0	0.37	0.11
246	0.3	0.0	184.2	0.0	-17.8	0.0	0.35	0.11

LOAD CASE - 5

PILE F1 F2 F3 M1 M2 M3 ALF CBF

Brazos TMPCPGA.OUT.txt

	K	K	K	IN-K	IN-K	IN-K			
1	1.1	0.0	164.9	0.0	-64.1	0.0	0.41	0.13	
2	1.1	0.0	164.9	0.0	-64.1	0.0	0.41	0.13	
3	1.1	0.0	164.9	0.0	-64.1	0.0	0.41	0.13	
4	1.1	0.0	164.9	0.0	-64.1	0.0	0.41	0.13	
5	1.1	0.0	164.9	0.0	-64.1	0.0	0.41	0.13	
6	1.1	0.0	211.7	0.0	-63.3	0.0	0.53	0.17	
7	1.1	0.0	211.7	0.0	-63.3	0.0	0.53	0.17	
8	1.1	0.0	211.7	0.0	-63.3	0.0	0.53	0.17	
9	1.1	0.0	211.7	0.0	-63.3	0.0	0.53	0.17	
10	1.1	0.0	211.7	0.0	-63.3	0.0	0.53	0.17	
11	1.1	0.0	258.5	0.0	-62.6	0.0	0.65	0.21	
12	1.1	0.0	258.5	0.0	-62.6	0.0	0.65	0.21	
13	1.1	0.0	258.5	0.0	-62.6	0.0	0.65	0.21	
14	1.1	0.0	258.5	0.0	-62.6	0.0	0.65	0.21	
15	1.1	0.0	258.5	0.0	-62.6	0.0	0.65	0.21	
16	1.1	0.0	305.4	0.0	-61.9	0.0	0.76	0.24	
17	1.1	0.0	305.4	0.0	-61.9	0.0	0.76	0.24	
18	1.1	0.0	305.4	0.0	-61.9	0.0	0.76	0.24	
19	1.1	0.0	305.4	0.0	-61.9	0.0	0.76	0.24	
20	1.1	0.0	305.4	0.0	-61.9	0.0	0.76	0.24	
21	1.1	0.0	352.2	0.0	-61.2	0.0	0.88	0.28	
22	1.1	0.0	352.2	0.0	-61.2	0.0	0.88	0.28	
23	1.1	0.0	352.2	0.0	-61.2	0.0	0.88	0.28	
24	1.1	0.0	352.2	0.0	-61.2	0.0	0.88	0.28	
25	1.1	0.0	352.2	0.0	-61.2	0.0	0.88	0.28	
26	-1.1	0.0	-67.1	0.0	65.6	0.0	0.20	0.06	
27	-1.1	0.0	-67.1	0.0	65.6	0.0	0.20	0.06	
28	-1.1	0.0	-67.1	0.0	65.6	0.0	0.20	0.06	
29	-1.1	0.0	-67.1	0.0	65.6	0.0	0.20	0.06	
30	-1.1	0.0	-67.1	0.0	65.6	0.0	0.20	0.06	
31	-1.2	0.0	26.5	0.0	67.0	0.0	0.07	0.03	
32	-1.2	0.0	26.5	0.0	67.0	0.0	0.07	0.03	
33	-1.2	0.0	26.5	0.0	67.0	0.0	0.07	0.03	
34	-1.2	0.0	26.5	0.0	67.0	0.0	0.07	0.03	
35	-1.2	0.0	26.5	0.0	67.0	0.0	0.07	0.03	
36	-1.2	0.0	120.2	0.0	68.4	0.0	0.30	0.10	
37	-1.2	0.0	120.2	0.0	68.4	0.0	0.30	0.10	
38	-1.2	0.0	120.2	0.0	68.4	0.0	0.30	0.10	
39	-1.2	0.0	120.2	0.0	68.4	0.0	0.30	0.10	
40	-1.2	0.0	120.2	0.0	68.4	0.0	0.30	0.10	
41	-1.2	0.0	167.0	0.0	69.1	0.0	0.42	0.14	
42	-1.2	0.0	167.0	0.0	69.1	0.0	0.42	0.14	
43	-1.2	0.0	167.0	0.0	69.1	0.0	0.42	0.14	
44	-1.2	0.0	167.0	0.0	69.1	0.0	0.42	0.14	
45	-1.2	0.0	167.0	0.0	69.1	0.0	0.42	0.14	
46	-1.2	0.0	213.9	0.0	69.8	0.0	0.53	0.17	

Brazos TMPCPGA.OUT.txt

47	-1.2	0.0	213.9	0.0	69.8	0.0	0.53	0.17
48	-1.2	0.0	213.9	0.0	69.8	0.0	0.53	0.17
49	-1.2	0.0	213.9	0.0	69.8	0.0	0.53	0.17
50	-1.2	0.0	213.9	0.0	69.8	0.0	0.53	0.17
51	-1.2	0.0	260.7	0.0	70.6	0.0	0.65	0.21
52	-1.2	0.0	260.7	0.0	70.6	0.0	0.65	0.21
53	-1.2	0.0	260.7	0.0	70.6	0.0	0.65	0.21
54	-1.2	0.0	260.7	0.0	70.6	0.0	0.65	0.21
55	-1.2	0.0	260.7	0.0	70.6	0.0	0.65	0.21
56	-1.2	0.0	307.5	0.0	71.3	0.0	0.77	0.24
57	-1.2	0.0	307.5	0.0	71.3	0.0	0.77	0.24
58	-1.2	0.0	307.5	0.0	71.3	0.0	0.77	0.24
59	-1.2	0.0	307.5	0.0	71.3	0.0	0.77	0.24
60	-1.2	0.0	307.5	0.0	71.3	0.0	0.77	0.24
61	1.1	0.0	164.9	0.0	-64.1	0.0	0.41	0.13
62	1.1	0.0	164.9	0.0	-64.1	0.0	0.41	0.13
63	1.1	0.0	164.9	0.0	-64.1	0.0	0.41	0.13
64	1.1	0.0	164.9	0.0	-64.1	0.0	0.41	0.13
65	1.1	0.0	164.9	0.0	-64.1	0.0	0.41	0.13
66	1.1	0.0	211.7	0.0	-63.3	0.0	0.53	0.17
67	1.1	0.0	211.7	0.0	-63.3	0.0	0.53	0.17
68	1.1	0.0	211.7	0.0	-63.3	0.0	0.53	0.17
69	1.1	0.0	211.7	0.0	-63.3	0.0	0.53	0.17
70	1.1	0.0	211.7	0.0	-63.3	0.0	0.53	0.17
71	1.1	0.0	258.5	0.0	-62.6	0.0	0.65	0.21
72	1.1	0.0	258.5	0.0	-62.6	0.0	0.65	0.21
73	1.1	0.0	258.5	0.0	-62.6	0.0	0.65	0.21
74	1.1	0.0	258.5	0.0	-62.6	0.0	0.65	0.21
75	1.1	0.0	258.5	0.0	-62.6	0.0	0.65	0.21
76	1.1	0.0	305.4	0.0	-61.9	0.0	0.76	0.24
77	1.1	0.0	305.4	0.0	-61.9	0.0	0.76	0.24
78	1.1	0.0	305.4	0.0	-61.9	0.0	0.76	0.24
79	1.1	0.0	305.4	0.0	-61.9	0.0	0.76	0.24
80	1.1	0.0	305.4	0.0	-61.9	0.0	0.76	0.24
81	1.1	0.0	352.2	0.0	-61.2	0.0	0.88	0.28
82	1.1	0.0	352.2	0.0	-61.2	0.0	0.88	0.28
83	1.1	0.0	352.2	0.0	-61.2	0.0	0.88	0.28
84	1.1	0.0	352.2	0.0	-61.2	0.0	0.88	0.28
85	1.1	0.0	352.2	0.0	-61.2	0.0	0.88	0.28
86	-1.1	0.0	-67.1	0.0	65.6	0.0	0.20	0.06
87	-1.1	0.0	-67.1	0.0	65.6	0.0	0.20	0.06
88	-1.1	0.0	-67.1	0.0	65.6	0.0	0.20	0.06
89	-1.1	0.0	-67.1	0.0	65.6	0.0	0.20	0.06
90	-1.1	0.0	-67.1	0.0	65.6	0.0	0.20	0.06
91	-1.2	0.0	26.5	0.0	67.0	0.0	0.07	0.03
92	-1.2	0.0	26.5	0.0	67.0	0.0	0.07	0.03
93	-1.2	0.0	26.5	0.0	67.0	0.0	0.07	0.03
94	-1.2	0.0	26.5	0.0	67.0	0.0	0.07	0.03

Brazos TMPCPGA.OUT.txt

95	-1.2	0.0	26.5	0.0	67.0	0.0	0.07	0.03
96	-1.2	0.0	120.2	0.0	68.4	0.0	0.30	0.10
97	-1.2	0.0	120.2	0.0	68.4	0.0	0.30	0.10
98	-1.2	0.0	120.2	0.0	68.4	0.0	0.30	0.10
99	-1.2	0.0	120.2	0.0	68.4	0.0	0.30	0.10
100	-1.2	0.0	120.2	0.0	68.4	0.0	0.30	0.10
101	-1.2	0.0	167.0	0.0	69.1	0.0	0.42	0.14
102	-1.2	0.0	167.0	0.0	69.1	0.0	0.42	0.14
103	-1.2	0.0	167.0	0.0	69.1	0.0	0.42	0.14
104	-1.2	0.0	167.0	0.0	69.1	0.0	0.42	0.14
105	-1.2	0.0	167.0	0.0	69.1	0.0	0.42	0.14
106	-1.2	0.0	213.9	0.0	69.8	0.0	0.53	0.17
107	-1.2	0.0	213.9	0.0	69.8	0.0	0.53	0.17
108	-1.2	0.0	213.9	0.0	69.8	0.0	0.53	0.17
109	-1.2	0.0	213.9	0.0	69.8	0.0	0.53	0.17
110	-1.2	0.0	213.9	0.0	69.8	0.0	0.53	0.17
111	-1.2	0.0	260.7	0.0	70.6	0.0	0.65	0.21
112	-1.2	0.0	260.7	0.0	70.6	0.0	0.65	0.21
113	-1.2	0.0	260.7	0.0	70.6	0.0	0.65	0.21
114	-1.2	0.0	260.7	0.0	70.6	0.0	0.65	0.21
115	-1.2	0.0	260.7	0.0	70.6	0.0	0.65	0.21
116	-1.2	0.0	307.5	0.0	71.3	0.0	0.77	0.24
117	-1.2	0.0	307.5	0.0	71.3	0.0	0.77	0.24
118	-1.2	0.0	307.5	0.0	71.3	0.0	0.77	0.24
119	-1.2	0.0	307.5	0.0	71.3	0.0	0.77	0.24
120	-1.2	0.0	307.5	0.0	71.3	0.0	0.77	0.24
121	1.1	0.0	164.9	0.0	-64.1	0.0	0.41	0.13
122	1.1	0.0	164.9	0.0	-64.1	0.0	0.41	0.13
123	1.1	0.0	164.9	0.0	-64.1	0.0	0.41	0.13
124	1.1	0.0	164.9	0.0	-64.1	0.0	0.41	0.13
125	1.1	0.0	164.9	0.0	-64.1	0.0	0.41	0.13
126	1.1	0.0	164.9	0.0	-64.1	0.0	0.41	0.13
127	1.1	0.0	164.9	0.0	-64.1	0.0	0.41	0.13
128	1.1	0.0	258.5	0.0	-62.6	0.0	0.65	0.21
129	1.1	0.0	258.5	0.0	-62.6	0.0	0.65	0.21
130	1.1	0.0	258.5	0.0	-62.6	0.0	0.65	0.21
131	1.1	0.0	258.5	0.0	-62.6	0.0	0.65	0.21
132	1.1	0.0	258.5	0.0	-62.6	0.0	0.65	0.21
133	1.1	0.0	258.5	0.0	-62.6	0.0	0.65	0.21
134	1.1	0.0	258.5	0.0	-62.6	0.0	0.65	0.21
135	1.1	0.0	352.2	0.0	-61.2	0.0	0.88	0.28
136	1.1	0.0	352.2	0.0	-61.2	0.0	0.88	0.28
137	1.1	0.0	352.2	0.0	-61.2	0.0	0.88	0.28
138	1.1	0.0	352.2	0.0	-61.2	0.0	0.88	0.28
139	1.1	0.0	352.2	0.0	-61.2	0.0	0.88	0.28
140	1.1	0.0	352.2	0.0	-61.2	0.0	0.88	0.28
141	1.1	0.0	352.2	0.0	-61.2	0.0	0.88	0.28
142	-1.1	0.0	-67.1	0.0	65.6	0.0	0.20	0.06

Brazos TMPCPGA.OUT.txt

143	-1.1	0.0	-67.1	0.0	65.6	0.0	0.20	0.06
144	-1.1	0.0	-67.1	0.0	65.6	0.0	0.20	0.06
145	-1.1	0.0	-67.1	0.0	65.6	0.0	0.20	0.06
146	-1.1	0.0	-67.1	0.0	65.6	0.0	0.20	0.06
147	-1.1	0.0	-67.1	0.0	65.6	0.0	0.20	0.06
148	-1.1	0.0	-67.1	0.0	65.6	0.0	0.20	0.06
149	-1.2	0.0	26.5	0.0	67.0	0.0	0.07	0.03
150	-1.2	0.0	26.5	0.0	67.0	0.0	0.07	0.03
151	-1.2	0.0	26.5	0.0	67.0	0.0	0.07	0.03
152	-1.2	0.0	26.5	0.0	67.0	0.0	0.07	0.03
153	-1.2	0.0	26.5	0.0	67.0	0.0	0.07	0.03
154	-1.2	0.0	26.5	0.0	67.0	0.0	0.07	0.03
155	-1.2	0.0	26.5	0.0	67.0	0.0	0.07	0.03
156	-1.2	0.0	120.2	0.0	68.4	0.0	0.30	0.10
157	-1.2	0.0	120.2	0.0	68.4	0.0	0.30	0.10
158	-1.2	0.0	120.2	0.0	68.4	0.0	0.30	0.10
159	-1.2	0.0	120.2	0.0	68.4	0.0	0.30	0.10
160	-1.2	0.0	120.2	0.0	68.4	0.0	0.30	0.10
161	-1.2	0.0	120.2	0.0	68.4	0.0	0.30	0.10
162	-1.2	0.0	120.2	0.0	68.4	0.0	0.30	0.10
163	-1.2	0.0	213.9	0.0	69.8	0.0	0.53	0.17
164	-1.2	0.0	213.9	0.0	69.8	0.0	0.53	0.17
165	-1.2	0.0	213.9	0.0	69.8	0.0	0.53	0.17
166	-1.2	0.0	213.9	0.0	69.8	0.0	0.53	0.17
167	-1.2	0.0	213.9	0.0	69.8	0.0	0.53	0.17
168	-1.2	0.0	213.9	0.0	69.8	0.0	0.53	0.17
169	-1.2	0.0	213.9	0.0	69.8	0.0	0.53	0.17
170	-1.2	0.0	307.5	0.0	71.3	0.0	0.77	0.24
171	-1.2	0.0	307.5	0.0	71.3	0.0	0.77	0.24
172	-1.2	0.0	307.5	0.0	71.3	0.0	0.77	0.24
173	-1.2	0.0	307.5	0.0	71.3	0.0	0.77	0.24
174	-1.2	0.0	307.5	0.0	71.3	0.0	0.77	0.24
175	-1.2	0.0	307.5	0.0	71.3	0.0	0.77	0.24
176	-1.2	0.0	307.5	0.0	71.3	0.0	0.77	0.24
177	1.1	0.0	211.7	0.0	-63.3	0.0	0.53	0.17
178	1.1	0.0	256.1	0.0	-62.7	0.0	0.64	0.20
179	1.1	0.0	302.9	0.0	-62.0	0.0	0.76	0.24
180	1.1	0.0	349.7	0.0	-61.2	0.0	0.87	0.28
181	-1.1	0.0	-69.6	0.0	65.5	0.0	0.21	0.06
182	-1.2	0.0	24.1	0.0	66.9	0.0	0.06	0.03
183	-1.2	0.0	117.7	0.0	68.4	0.0	0.29	0.10
184	-1.2	0.0	164.6	0.0	69.1	0.0	0.41	0.13
185	-1.2	0.0	211.4	0.0	69.8	0.0	0.53	0.17
186	-1.2	0.0	258.2	0.0	70.5	0.0	0.65	0.21
187	1.1	0.0	256.1	0.0	-62.7	0.0	0.64	0.20
188	1.1	0.0	302.9	0.0	-62.0	0.0	0.76	0.24
189	1.1	0.0	349.7	0.0	-61.2	0.0	0.87	0.28
190	-1.1	0.0	-69.6	0.0	65.5	0.0	0.21	0.06

Brazos TMPCPGA.OUT.txt

191	-1.2	0.0	24.1	0.0	66.9	0.0	0.06	0.03
192	-1.2	0.0	117.7	0.0	68.4	0.0	0.29	0.10
193	-1.2	0.0	164.6	0.0	69.1	0.0	0.41	0.13
194	-1.2	0.0	211.4	0.0	69.8	0.0	0.53	0.17
195	-1.2	0.0	258.2	0.0	70.5	0.0	0.65	0.21
196	1.1	0.0	211.7	0.0	-63.3	0.0	0.53	0.17
197	1.1	0.0	256.1	0.0	-62.7	0.0	0.64	0.20
198	1.1	0.0	302.9	0.0	-62.0	0.0	0.76	0.24
199	1.1	0.0	349.7	0.0	-61.2	0.0	0.87	0.28
200	-1.1	0.0	-69.6	0.0	65.5	0.0	0.21	0.06
201	-1.2	0.0	24.1	0.0	66.9	0.0	0.06	0.03
202	-1.2	0.0	117.7	0.0	68.4	0.0	0.29	0.10
203	-1.2	0.0	164.6	0.0	69.1	0.0	0.41	0.13
204	-1.2	0.0	211.4	0.0	69.8	0.0	0.53	0.17
205	-1.2	0.0	258.2	0.0	70.5	0.0	0.65	0.21
206	1.1	0.0	256.1	0.0	-62.7	0.0	0.64	0.20
207	1.1	0.0	302.9	0.0	-62.0	0.0	0.76	0.24
208	1.1	0.0	349.7	0.0	-61.2	0.0	0.87	0.28
209	-1.1	0.0	-69.6	0.0	65.5	0.0	0.21	0.06
210	-1.2	0.0	24.1	0.0	66.9	0.0	0.06	0.03
211	-1.2	0.0	117.7	0.0	68.4	0.0	0.29	0.10
212	-1.2	0.0	164.6	0.0	69.1	0.0	0.41	0.13
213	-1.2	0.0	211.4	0.0	69.8	0.0	0.53	0.17
214	-1.2	0.0	258.2	0.0	70.5	0.0	0.65	0.21
215	1.1	0.0	305.4	0.0	-61.9	0.0	0.76	0.24
216	1.1	0.0	352.2	0.0	-61.2	0.0	0.88	0.28
217	1.1	0.0	352.2	0.0	-61.2	0.0	0.88	0.28
218	-1.2	0.0	213.9	0.0	69.8	0.0	0.53	0.17
219	-1.1	0.0	-67.1	0.0	65.6	0.0	0.20	0.06
220	-1.2	0.0	26.5	0.0	67.0	0.0	0.07	0.03
221	-1.2	0.0	120.2	0.0	68.4	0.0	0.30	0.10
222	-1.2	0.0	167.0	0.0	69.1	0.0	0.42	0.14
223	-1.1	0.0	-67.1	0.0	65.6	0.0	0.20	0.06
224	-1.2	0.0	26.5	0.0	67.0	0.0	0.07	0.03
225	-1.2	0.0	120.2	0.0	68.4	0.0	0.30	0.10
226	-1.2	0.0	167.0	0.0	69.1	0.0	0.42	0.14
227	-1.1	0.0	-67.1	0.0	65.6	0.0	0.20	0.06
228	-1.2	0.0	26.5	0.0	67.0	0.0	0.07	0.03
229	-1.2	0.0	120.2	0.0	68.4	0.0	0.30	0.10
230	-1.2	0.0	167.0	0.0	69.1	0.0	0.42	0.14
231	1.1	0.0	305.4	0.0	-61.9	0.0	0.76	0.24
232	1.1	0.0	352.2	0.0	-61.2	0.0	0.88	0.28
233	1.1	0.0	352.2	0.0	-61.2	0.0	0.88	0.28
234	-1.2	0.0	213.9	0.0	69.8	0.0	0.53	0.17
235	-1.1	0.0	-67.1	0.0	65.6	0.0	0.20	0.06
236	-1.2	0.0	26.5	0.0	67.0	0.0	0.07	0.03
237	-1.2	0.0	120.2	0.0	68.4	0.0	0.30	0.10
238	-1.2	0.0	167.0	0.0	69.1	0.0	0.42	0.14

Brazos TMPCPGA.OUT.txt

239	-1.1	0.0	-67.1	0.0	65.6	0.0	0.20	0.06
240	-1.2	0.0	26.5	0.0	67.0	0.0	0.07	0.03
241	-1.2	0.0	120.2	0.0	68.4	0.0	0.30	0.10
242	-1.2	0.0	167.0	0.0	69.1	0.0	0.42	0.14
243	-1.1	0.0	-67.1	0.0	65.6	0.0	0.20	0.06
244	-1.2	0.0	26.5	0.0	67.0	0.0	0.07	0.03
245	-1.2	0.0	120.2	0.0	68.4	0.0	0.30	0.10
246	-1.2	0.0	167.0	0.0	69.1	0.0	0.42	0.14

LOAD CASE - 6

PILE	F1 K	F2 K	F3 K	M1 IN-K	M2 IN-K	M3 IN-K	ALF	CBF
1	1.2	0.0	165.2	0.0	-67.0	0.0	0.31	0.10
2	1.2	0.0	165.2	0.0	-67.0	0.0	0.31	0.10
3	1.2	0.0	165.2	0.0	-67.0	0.0	0.31	0.10
4	1.2	0.0	165.2	0.0	-67.0	0.0	0.31	0.10
5	1.2	0.0	165.2	0.0	-67.0	0.0	0.31	0.10
6	1.2	0.0	214.0	0.0	-66.3	0.0	0.40	0.13
7	1.2	0.0	214.0	0.0	-66.3	0.0	0.40	0.13
8	1.2	0.0	214.0	0.0	-66.3	0.0	0.40	0.13
9	1.2	0.0	214.0	0.0	-66.3	0.0	0.40	0.13
10	1.2	0.0	214.0	0.0	-66.3	0.0	0.40	0.13
11	1.1	0.0	262.8	0.0	-65.5	0.0	0.49	0.16
12	1.1	0.0	262.8	0.0	-65.5	0.0	0.49	0.16
13	1.1	0.0	262.8	0.0	-65.5	0.0	0.49	0.16
14	1.1	0.0	262.8	0.0	-65.5	0.0	0.49	0.16
15	1.1	0.0	262.8	0.0	-65.5	0.0	0.49	0.16
16	1.1	0.0	311.6	0.0	-64.8	0.0	0.59	0.19
17	1.1	0.0	311.6	0.0	-64.8	0.0	0.59	0.19
18	1.1	0.0	311.6	0.0	-64.8	0.0	0.59	0.19
19	1.1	0.0	311.6	0.0	-64.8	0.0	0.59	0.19
20	1.1	0.0	311.6	0.0	-64.8	0.0	0.59	0.19
21	1.1	0.0	360.3	0.0	-64.0	0.0	0.68	0.21
22	1.1	0.0	360.3	0.0	-64.0	0.0	0.68	0.21
23	1.1	0.0	360.3	0.0	-64.0	0.0	0.68	0.21
24	1.1	0.0	360.3	0.0	-64.0	0.0	0.68	0.21
25	1.1	0.0	360.3	0.0	-64.0	0.0	0.68	0.21
26	-1.2	0.0	-77.8	0.0	68.3	0.0	0.18	0.05
27	-1.2	0.0	-77.8	0.0	68.3	0.0	0.18	0.05
28	-1.2	0.0	-77.8	0.0	68.3	0.0	0.18	0.05
29	-1.2	0.0	-77.8	0.0	68.3	0.0	0.18	0.05
30	-1.2	0.0	-77.8	0.0	68.3	0.0	0.18	0.05
31	-1.2	0.0	19.8	0.0	69.8	0.0	0.04	0.02
32	-1.2	0.0	19.8	0.0	69.8	0.0	0.04	0.02
33	-1.2	0.0	19.8	0.0	69.8	0.0	0.04	0.02



Brazos TMPCPGA.OUT.txt

34	-1.2	0.0	19.8	0.0	69.8	0.0	0.04	0.02
35	-1.2	0.0	19.8	0.0	69.8	0.0	0.04	0.02
36	-1.3	0.0	117.3	0.0	71.3	0.0	0.22	0.07
37	-1.3	0.0	117.3	0.0	71.3	0.0	0.22	0.07
38	-1.3	0.0	117.3	0.0	71.3	0.0	0.22	0.07
39	-1.3	0.0	117.3	0.0	71.3	0.0	0.22	0.07
40	-1.3	0.0	117.3	0.0	71.3	0.0	0.22	0.07
41	-1.3	0.0	166.1	0.0	72.1	0.0	0.31	0.10
42	-1.3	0.0	166.1	0.0	72.1	0.0	0.31	0.10
43	-1.3	0.0	166.1	0.0	72.1	0.0	0.31	0.10
44	-1.3	0.0	166.1	0.0	72.1	0.0	0.31	0.10
45	-1.3	0.0	166.1	0.0	72.1	0.0	0.31	0.10
46	-1.3	0.0	214.8	0.0	72.8	0.0	0.40	0.13
47	-1.3	0.0	214.8	0.0	72.8	0.0	0.40	0.13
48	-1.3	0.0	214.8	0.0	72.8	0.0	0.40	0.13
49	-1.3	0.0	214.8	0.0	72.8	0.0	0.40	0.13
50	-1.3	0.0	214.8	0.0	72.8	0.0	0.40	0.13
51	-1.3	0.0	263.6	0.0	73.6	0.0	0.50	0.16
52	-1.3	0.0	263.6	0.0	73.6	0.0	0.50	0.16
53	-1.3	0.0	263.6	0.0	73.6	0.0	0.50	0.16
54	-1.3	0.0	263.6	0.0	73.6	0.0	0.50	0.16
55	-1.3	0.0	263.6	0.0	73.6	0.0	0.50	0.16
56	-1.3	0.0	312.4	0.0	74.3	0.0	0.59	0.19
57	-1.3	0.0	312.4	0.0	74.3	0.0	0.59	0.19
58	-1.3	0.0	312.4	0.0	74.3	0.0	0.59	0.19
59	-1.3	0.0	312.4	0.0	74.3	0.0	0.59	0.19
60	-1.3	0.0	312.4	0.0	74.3	0.0	0.59	0.19
61	1.2	0.0	165.2	0.0	-67.0	0.0	0.31	0.10
62	1.2	0.0	165.2	0.0	-67.0	0.0	0.31	0.10
63	1.2	0.0	165.2	0.0	-67.0	0.0	0.31	0.10
64	1.2	0.0	165.2	0.0	-67.0	0.0	0.31	0.10
65	1.2	0.0	165.2	0.0	-67.0	0.0	0.31	0.10
66	1.2	0.0	214.0	0.0	-66.3	0.0	0.40	0.13
67	1.2	0.0	214.0	0.0	-66.3	0.0	0.40	0.13
68	1.2	0.0	214.0	0.0	-66.3	0.0	0.40	0.13
69	1.2	0.0	214.0	0.0	-66.3	0.0	0.40	0.13
70	1.2	0.0	214.0	0.0	-66.3	0.0	0.40	0.13
71	1.1	0.0	262.8	0.0	-65.5	0.0	0.49	0.16
72	1.1	0.0	262.8	0.0	-65.5	0.0	0.49	0.16
73	1.1	0.0	262.8	0.0	-65.5	0.0	0.49	0.16
74	1.1	0.0	262.8	0.0	-65.5	0.0	0.49	0.16
75	1.1	0.0	262.8	0.0	-65.5	0.0	0.49	0.16
76	1.1	0.0	311.6	0.0	-64.8	0.0	0.59	0.19
77	1.1	0.0	311.6	0.0	-64.8	0.0	0.59	0.19
78	1.1	0.0	311.6	0.0	-64.8	0.0	0.59	0.19
79	1.1	0.0	311.6	0.0	-64.8	0.0	0.59	0.19
80	1.1	0.0	311.6	0.0	-64.8	0.0	0.59	0.19
81	1.1	0.0	360.3	0.0	-64.0	0.0	0.68	0.21

Brazos TMPCPGA.OUT.txt

82	1.1	0.0	360.3	0.0	-64.0	0.0	0.68	0.21
83	1.1	0.0	360.3	0.0	-64.0	0.0	0.68	0.21
84	1.1	0.0	360.3	0.0	-64.0	0.0	0.68	0.21
85	1.1	0.0	360.3	0.0	-64.0	0.0	0.68	0.21
86	-1.2	0.0	-77.8	0.0	68.3	0.0	0.18	0.05
87	-1.2	0.0	-77.8	0.0	68.3	0.0	0.18	0.05
88	-1.2	0.0	-77.8	0.0	68.3	0.0	0.18	0.05
89	-1.2	0.0	-77.8	0.0	68.3	0.0	0.18	0.05
90	-1.2	0.0	-77.8	0.0	68.3	0.0	0.18	0.05
91	-1.2	0.0	19.8	0.0	69.8	0.0	0.04	0.02
92	-1.2	0.0	19.8	0.0	69.8	0.0	0.04	0.02
93	-1.2	0.0	19.8	0.0	69.8	0.0	0.04	0.02
94	-1.2	0.0	19.8	0.0	69.8	0.0	0.04	0.02
95	-1.2	0.0	19.8	0.0	69.8	0.0	0.04	0.02
96	-1.3	0.0	117.3	0.0	71.3	0.0	0.22	0.07
97	-1.3	0.0	117.3	0.0	71.3	0.0	0.22	0.07
98	-1.3	0.0	117.3	0.0	71.3	0.0	0.22	0.07
99	-1.3	0.0	117.3	0.0	71.3	0.0	0.22	0.07
100	-1.3	0.0	117.3	0.0	71.3	0.0	0.22	0.07
101	-1.3	0.0	166.1	0.0	72.1	0.0	0.31	0.10
102	-1.3	0.0	166.1	0.0	72.1	0.0	0.31	0.10
103	-1.3	0.0	166.1	0.0	72.1	0.0	0.31	0.10
104	-1.3	0.0	166.1	0.0	72.1	0.0	0.31	0.10
105	-1.3	0.0	166.1	0.0	72.1	0.0	0.31	0.10
106	-1.3	0.0	214.8	0.0	72.8	0.0	0.40	0.13
107	-1.3	0.0	214.8	0.0	72.8	0.0	0.40	0.13
108	-1.3	0.0	214.8	0.0	72.8	0.0	0.40	0.13
109	-1.3	0.0	214.8	0.0	72.8	0.0	0.40	0.13
110	-1.3	0.0	214.8	0.0	72.8	0.0	0.40	0.13
111	-1.3	0.0	263.6	0.0	73.6	0.0	0.50	0.16
112	-1.3	0.0	263.6	0.0	73.6	0.0	0.50	0.16
113	-1.3	0.0	263.6	0.0	73.6	0.0	0.50	0.16
114	-1.3	0.0	263.6	0.0	73.6	0.0	0.50	0.16
115	-1.3	0.0	263.6	0.0	73.6	0.0	0.50	0.16
116	-1.3	0.0	312.4	0.0	74.3	0.0	0.59	0.19
117	-1.3	0.0	312.4	0.0	74.3	0.0	0.59	0.19
118	-1.3	0.0	312.4	0.0	74.3	0.0	0.59	0.19
119	-1.3	0.0	312.4	0.0	74.3	0.0	0.59	0.19
120	-1.3	0.0	312.4	0.0	74.3	0.0	0.59	0.19
121	1.2	0.0	165.2	0.0	-67.0	0.0	0.31	0.10
122	1.2	0.0	165.2	0.0	-67.0	0.0	0.31	0.10
123	1.2	0.0	165.2	0.0	-67.0	0.0	0.31	0.10
124	1.2	0.0	165.2	0.0	-67.0	0.0	0.31	0.10
125	1.2	0.0	165.2	0.0	-67.0	0.0	0.31	0.10
126	1.2	0.0	165.2	0.0	-67.0	0.0	0.31	0.10
127	1.2	0.0	165.2	0.0	-67.0	0.0	0.31	0.10
128	1.1	0.0	262.8	0.0	-65.5	0.0	0.49	0.16
129	1.1	0.0	262.8	0.0	-65.5	0.0	0.49	0.16

Brazos TMPCPGA.OUT.txt

130	1.1	0.0	262.8	0.0	-65.5	0.0	0.49	0.16
131	1.1	0.0	262.8	0.0	-65.5	0.0	0.49	0.16
132	1.1	0.0	262.8	0.0	-65.5	0.0	0.49	0.16
133	1.1	0.0	262.8	0.0	-65.5	0.0	0.49	0.16
134	1.1	0.0	262.8	0.0	-65.5	0.0	0.49	0.16
135	1.1	0.0	360.3	0.0	-64.0	0.0	0.68	0.21
136	1.1	0.0	360.3	0.0	-64.0	0.0	0.68	0.21
137	1.1	0.0	360.3	0.0	-64.0	0.0	0.68	0.21
138	1.1	0.0	360.3	0.0	-64.0	0.0	0.68	0.21
139	1.1	0.0	360.3	0.0	-64.0	0.0	0.68	0.21
140	1.1	0.0	360.3	0.0	-64.0	0.0	0.68	0.21
141	1.1	0.0	360.3	0.0	-64.0	0.0	0.68	0.21
142	-1.2	0.0	-77.8	0.0	68.3	0.0	0.18	0.05
143	-1.2	0.0	-77.8	0.0	68.3	0.0	0.18	0.05
144	-1.2	0.0	-77.8	0.0	68.3	0.0	0.18	0.05
145	-1.2	0.0	-77.8	0.0	68.3	0.0	0.18	0.05
146	-1.2	0.0	-77.8	0.0	68.3	0.0	0.18	0.05
147	-1.2	0.0	-77.8	0.0	68.3	0.0	0.18	0.05
148	-1.2	0.0	-77.8	0.0	68.3	0.0	0.18	0.05
149	-1.2	0.0	19.8	0.0	69.8	0.0	0.04	0.02
150	-1.2	0.0	19.8	0.0	69.8	0.0	0.04	0.02
151	-1.2	0.0	19.8	0.0	69.8	0.0	0.04	0.02
152	-1.2	0.0	19.8	0.0	69.8	0.0	0.04	0.02
153	-1.2	0.0	19.8	0.0	69.8	0.0	0.04	0.02
154	-1.2	0.0	19.8	0.0	69.8	0.0	0.04	0.02
155	-1.2	0.0	19.8	0.0	69.8	0.0	0.04	0.02
156	-1.3	0.0	117.3	0.0	71.3	0.0	0.22	0.07
157	-1.3	0.0	117.3	0.0	71.3	0.0	0.22	0.07
158	-1.3	0.0	117.3	0.0	71.3	0.0	0.22	0.07
159	-1.3	0.0	117.3	0.0	71.3	0.0	0.22	0.07
160	-1.3	0.0	117.3	0.0	71.3	0.0	0.22	0.07
161	-1.3	0.0	117.3	0.0	71.3	0.0	0.22	0.07
162	-1.3	0.0	117.3	0.0	71.3	0.0	0.22	0.07
163	-1.3	0.0	214.8	0.0	72.8	0.0	0.40	0.13
164	-1.3	0.0	214.8	0.0	72.8	0.0	0.40	0.13
165	-1.3	0.0	214.8	0.0	72.8	0.0	0.40	0.13
166	-1.3	0.0	214.8	0.0	72.8	0.0	0.40	0.13
167	-1.3	0.0	214.8	0.0	72.8	0.0	0.40	0.13
168	-1.3	0.0	214.8	0.0	72.8	0.0	0.40	0.13
169	-1.3	0.0	214.8	0.0	72.8	0.0	0.40	0.13
170	-1.3	0.0	312.4	0.0	74.3	0.0	0.59	0.19
171	-1.3	0.0	312.4	0.0	74.3	0.0	0.59	0.19
172	-1.3	0.0	312.4	0.0	74.3	0.0	0.59	0.19
173	-1.3	0.0	312.4	0.0	74.3	0.0	0.59	0.19
174	-1.3	0.0	312.4	0.0	74.3	0.0	0.59	0.19
175	-1.3	0.0	312.4	0.0	74.3	0.0	0.59	0.19
176	-1.3	0.0	312.4	0.0	74.3	0.0	0.59	0.19
177	1.2	0.0	214.0	0.0	-66.3	0.0	0.40	0.13

Brazos TMPCPGA.OUT.txt

178	1.1	0.0	260.2	0.0	-65.6	0.0	0.49	0.16
179	1.1	0.0	309.0	0.0	-64.8	0.0	0.58	0.18
180	1.1	0.0	357.8	0.0	-64.1	0.0	0.67	0.21
181	-1.2	0.0	-80.3	0.0	68.3	0.0	0.18	0.05
182	-1.2	0.0	17.2	0.0	69.8	0.0	0.03	0.02
183	-1.2	0.0	114.7	0.0	71.3	0.0	0.22	0.07
184	-1.3	0.0	163.5	0.0	72.0	0.0	0.31	0.10
185	-1.3	0.0	212.3	0.0	72.8	0.0	0.40	0.13
186	-1.3	0.0	261.1	0.0	73.5	0.0	0.49	0.16
187	1.1	0.0	260.2	0.0	-65.6	0.0	0.49	0.16
188	1.1	0.0	309.0	0.0	-64.8	0.0	0.58	0.18
189	1.1	0.0	357.8	0.0	-64.1	0.0	0.67	0.21
190	-1.2	0.0	-80.3	0.0	68.3	0.0	0.18	0.05
191	-1.2	0.0	17.2	0.0	69.8	0.0	0.03	0.02
192	-1.2	0.0	114.7	0.0	71.3	0.0	0.22	0.07
193	-1.3	0.0	163.5	0.0	72.0	0.0	0.31	0.10
194	-1.3	0.0	212.3	0.0	72.8	0.0	0.40	0.13
195	-1.3	0.0	261.1	0.0	73.5	0.0	0.49	0.16
196	1.2	0.0	214.0	0.0	-66.3	0.0	0.40	0.13
197	1.1	0.0	260.2	0.0	-65.6	0.0	0.49	0.16
198	1.1	0.0	309.0	0.0	-64.8	0.0	0.58	0.18
199	1.1	0.0	357.8	0.0	-64.1	0.0	0.67	0.21
200	-1.2	0.0	-80.3	0.0	68.3	0.0	0.18	0.05
201	-1.2	0.0	17.2	0.0	69.8	0.0	0.03	0.02
202	-1.2	0.0	114.7	0.0	71.3	0.0	0.22	0.07
203	-1.3	0.0	163.5	0.0	72.0	0.0	0.31	0.10
204	-1.3	0.0	212.3	0.0	72.8	0.0	0.40	0.13
205	-1.3	0.0	261.1	0.0	73.5	0.0	0.49	0.16
206	1.1	0.0	260.2	0.0	-65.6	0.0	0.49	0.16
207	1.1	0.0	309.0	0.0	-64.8	0.0	0.58	0.18
208	1.1	0.0	357.8	0.0	-64.1	0.0	0.67	0.21
209	-1.2	0.0	-80.3	0.0	68.3	0.0	0.18	0.05
210	-1.2	0.0	17.2	0.0	69.8	0.0	0.03	0.02
211	-1.2	0.0	114.7	0.0	71.3	0.0	0.22	0.07
212	-1.3	0.0	163.5	0.0	72.0	0.0	0.31	0.10
213	-1.3	0.0	212.3	0.0	72.8	0.0	0.40	0.13
214	-1.3	0.0	261.1	0.0	73.5	0.0	0.49	0.16
215	1.1	0.0	311.6	0.0	-64.8	0.0	0.59	0.19
216	1.1	0.0	360.3	0.0	-64.0	0.0	0.68	0.21
217	1.1	0.0	360.3	0.0	-64.0	0.0	0.68	0.21
218	-1.3	0.0	214.8	0.0	72.8	0.0	0.40	0.13
219	-1.2	0.0	-77.8	0.0	68.3	0.0	0.18	0.05
220	-1.2	0.0	19.8	0.0	69.8	0.0	0.04	0.02
221	-1.3	0.0	117.3	0.0	71.3	0.0	0.22	0.07
222	-1.3	0.0	166.1	0.0	72.1	0.0	0.31	0.10
223	-1.2	0.0	-77.8	0.0	68.3	0.0	0.18	0.05
224	-1.2	0.0	19.8	0.0	69.8	0.0	0.04	0.02
225	-1.3	0.0	117.3	0.0	71.3	0.0	0.22	0.07

Brazos TMPCPGA.OUT.txt

226	-1.3	0.0	166.1	0.0	72.1	0.0	0.31	0.10
227	-1.2	0.0	-77.8	0.0	68.3	0.0	0.18	0.05
228	-1.2	0.0	19.8	0.0	69.8	0.0	0.04	0.02
229	-1.3	0.0	117.3	0.0	71.3	0.0	0.22	0.07
230	-1.3	0.0	166.1	0.0	72.1	0.0	0.31	0.10
231	1.1	0.0	311.6	0.0	-64.8	0.0	0.59	0.19
232	1.1	0.0	360.3	0.0	-64.0	0.0	0.68	0.21
233	1.1	0.0	360.3	0.0	-64.0	0.0	0.68	0.21
234	-1.3	0.0	214.8	0.0	72.8	0.0	0.40	0.13
235	-1.2	0.0	-77.8	0.0	68.3	0.0	0.18	0.05
236	-1.2	0.0	19.8	0.0	69.8	0.0	0.04	0.02
237	-1.3	0.0	117.3	0.0	71.3	0.0	0.22	0.07
238	-1.3	0.0	166.1	0.0	72.1	0.0	0.31	0.10
239	-1.2	0.0	-77.8	0.0	68.3	0.0	0.18	0.05
240	-1.2	0.0	19.8	0.0	69.8	0.0	0.04	0.02
241	-1.3	0.0	117.3	0.0	71.3	0.0	0.22	0.07
242	-1.3	0.0	166.1	0.0	72.1	0.0	0.31	0.10
243	-1.2	0.0	-77.8	0.0	68.3	0.0	0.18	0.05
244	-1.2	0.0	19.8	0.0	69.8	0.0	0.04	0.02
245	-1.3	0.0	117.3	0.0	71.3	0.0	0.22	0.07
246	-1.3	0.0	166.1	0.0	72.1	0.0	0.31	0.10

LOAD CASE - 7

PILE	F1 K	F2 K	F3 K	M1 IN-K	M2 IN-K	M3 IN-K	ALF	CBF
1	-0.9	0.0	133.4	0.0	52.9	0.0	0.25	0.08
2	-0.9	0.0	133.4	0.0	52.9	0.0	0.25	0.08
3	-0.9	0.0	133.4	0.0	52.9	0.0	0.25	0.08
4	-0.9	0.0	133.4	0.0	52.9	0.0	0.25	0.08
5	-0.9	0.0	133.4	0.0	52.9	0.0	0.25	0.08
6	-0.9	0.0	103.1	0.0	52.4	0.0	0.19	0.06
7	-0.9	0.0	103.1	0.0	52.4	0.0	0.19	0.06
8	-0.9	0.0	103.1	0.0	52.4	0.0	0.19	0.06
9	-0.9	0.0	103.1	0.0	52.4	0.0	0.19	0.06
10	-0.9	0.0	103.1	0.0	52.4	0.0	0.19	0.06
11	-0.9	0.0	72.7	0.0	52.0	0.0	0.14	0.05
12	-0.9	0.0	72.7	0.0	52.0	0.0	0.14	0.05
13	-0.9	0.0	72.7	0.0	52.0	0.0	0.14	0.05
14	-0.9	0.0	72.7	0.0	52.0	0.0	0.14	0.05
15	-0.9	0.0	72.7	0.0	52.0	0.0	0.14	0.05
16	-0.9	0.0	42.3	0.0	51.5	0.0	0.08	0.03
17	-0.9	0.0	42.3	0.0	51.5	0.0	0.08	0.03
18	-0.9	0.0	42.3	0.0	51.5	0.0	0.08	0.03
19	-0.9	0.0	42.3	0.0	51.5	0.0	0.08	0.03
20	-0.9	0.0	42.3	0.0	51.5	0.0	0.08	0.03

Brazos TMPCPGA.OUT.txt

21	-0.9	0.0	12.0	0.0	51.0	0.0	0.02	0.01
22	-0.9	0.0	12.0	0.0	51.0	0.0	0.02	0.01
23	-0.9	0.0	12.0	0.0	51.0	0.0	0.02	0.01
24	-0.9	0.0	12.0	0.0	51.0	0.0	0.02	0.01
25	-0.9	0.0	12.0	0.0	51.0	0.0	0.02	0.01
26	0.8	0.0	342.9	0.0	-45.6	0.0	0.64	0.20
27	0.8	0.0	342.9	0.0	-45.6	0.0	0.64	0.20
28	0.8	0.0	342.9	0.0	-45.6	0.0	0.64	0.20
29	0.8	0.0	342.9	0.0	-45.6	0.0	0.64	0.20
30	0.8	0.0	342.9	0.0	-45.6	0.0	0.64	0.20
31	0.8	0.0	282.2	0.0	-46.5	0.0	0.53	0.17
32	0.8	0.0	282.2	0.0	-46.5	0.0	0.53	0.17
33	0.8	0.0	282.2	0.0	-46.5	0.0	0.53	0.17
34	0.8	0.0	282.2	0.0	-46.5	0.0	0.53	0.17
35	0.8	0.0	282.2	0.0	-46.5	0.0	0.53	0.17
36	0.8	0.0	221.5	0.0	-47.5	0.0	0.42	0.13
37	0.8	0.0	221.5	0.0	-47.5	0.0	0.42	0.13
38	0.8	0.0	221.5	0.0	-47.5	0.0	0.42	0.13
39	0.8	0.0	221.5	0.0	-47.5	0.0	0.42	0.13
40	0.8	0.0	221.5	0.0	-47.5	0.0	0.42	0.13
41	0.8	0.0	191.1	0.0	-47.9	0.0	0.36	0.11
42	0.8	0.0	191.1	0.0	-47.9	0.0	0.36	0.11
43	0.8	0.0	191.1	0.0	-47.9	0.0	0.36	0.11
44	0.8	0.0	191.1	0.0	-47.9	0.0	0.36	0.11
45	0.8	0.0	191.1	0.0	-47.9	0.0	0.36	0.11
46	0.8	0.0	160.7	0.0	-48.4	0.0	0.30	0.10
47	0.8	0.0	160.7	0.0	-48.4	0.0	0.30	0.10
48	0.8	0.0	160.7	0.0	-48.4	0.0	0.30	0.10
49	0.8	0.0	160.7	0.0	-48.4	0.0	0.30	0.10
50	0.8	0.0	160.7	0.0	-48.4	0.0	0.30	0.10
51	0.9	0.0	130.4	0.0	-48.8	0.0	0.25	0.08
52	0.9	0.0	130.4	0.0	-48.8	0.0	0.25	0.08
53	0.9	0.0	130.4	0.0	-48.8	0.0	0.25	0.08
54	0.9	0.0	130.4	0.0	-48.8	0.0	0.25	0.08
55	0.9	0.0	130.4	0.0	-48.8	0.0	0.25	0.08
56	0.9	0.0	100.0	0.0	-49.3	0.0	0.19	0.06
57	0.9	0.0	100.0	0.0	-49.3	0.0	0.19	0.06
58	0.9	0.0	100.0	0.0	-49.3	0.0	0.19	0.06
59	0.9	0.0	100.0	0.0	-49.3	0.0	0.19	0.06
60	0.9	0.0	100.0	0.0	-49.3	0.0	0.19	0.06
61	-0.9	0.0	133.4	0.0	52.9	0.0	0.25	0.08
62	-0.9	0.0	133.4	0.0	52.9	0.0	0.25	0.08
63	-0.9	0.0	133.4	0.0	52.9	0.0	0.25	0.08
64	-0.9	0.0	133.4	0.0	52.9	0.0	0.25	0.08
65	-0.9	0.0	133.4	0.0	52.9	0.0	0.25	0.08
66	-0.9	0.0	103.1	0.0	52.4	0.0	0.19	0.06
67	-0.9	0.0	103.1	0.0	52.4	0.0	0.19	0.06
68	-0.9	0.0	103.1	0.0	52.4	0.0	0.19	0.06

Brazos TMPCPGA.OUT.txt

69	-0.9	0.0	103.1	0.0	52.4	0.0	0.19	0.06
70	-0.9	0.0	103.1	0.0	52.4	0.0	0.19	0.06
71	-0.9	0.0	72.7	0.0	52.0	0.0	0.14	0.05
72	-0.9	0.0	72.7	0.0	52.0	0.0	0.14	0.05
73	-0.9	0.0	72.7	0.0	52.0	0.0	0.14	0.05
74	-0.9	0.0	72.7	0.0	52.0	0.0	0.14	0.05
75	-0.9	0.0	72.7	0.0	52.0	0.0	0.14	0.05
76	-0.9	0.0	42.3	0.0	51.5	0.0	0.08	0.03
77	-0.9	0.0	42.3	0.0	51.5	0.0	0.08	0.03
78	-0.9	0.0	42.3	0.0	51.5	0.0	0.08	0.03
79	-0.9	0.0	42.3	0.0	51.5	0.0	0.08	0.03
80	-0.9	0.0	42.3	0.0	51.5	0.0	0.08	0.03
81	-0.9	0.0	12.0	0.0	51.0	0.0	0.02	0.01
82	-0.9	0.0	12.0	0.0	51.0	0.0	0.02	0.01
83	-0.9	0.0	12.0	0.0	51.0	0.0	0.02	0.01
84	-0.9	0.0	12.0	0.0	51.0	0.0	0.02	0.01
85	-0.9	0.0	12.0	0.0	51.0	0.0	0.02	0.01
86	0.8	0.0	342.9	0.0	-45.6	0.0	0.64	0.20
87	0.8	0.0	342.9	0.0	-45.6	0.0	0.64	0.20
88	0.8	0.0	342.9	0.0	-45.6	0.0	0.64	0.20
89	0.8	0.0	342.9	0.0	-45.6	0.0	0.64	0.20
90	0.8	0.0	342.9	0.0	-45.6	0.0	0.64	0.20
91	0.8	0.0	282.2	0.0	-46.5	0.0	0.53	0.17
92	0.8	0.0	282.2	0.0	-46.5	0.0	0.53	0.17
93	0.8	0.0	282.2	0.0	-46.5	0.0	0.53	0.17
94	0.8	0.0	282.2	0.0	-46.5	0.0	0.53	0.17
95	0.8	0.0	282.2	0.0	-46.5	0.0	0.53	0.17
96	0.8	0.0	221.5	0.0	-47.5	0.0	0.42	0.13
97	0.8	0.0	221.5	0.0	-47.5	0.0	0.42	0.13
98	0.8	0.0	221.5	0.0	-47.5	0.0	0.42	0.13
99	0.8	0.0	221.5	0.0	-47.5	0.0	0.42	0.13
100	0.8	0.0	221.5	0.0	-47.5	0.0	0.42	0.13
101	0.8	0.0	191.1	0.0	-47.9	0.0	0.36	0.11
102	0.8	0.0	191.1	0.0	-47.9	0.0	0.36	0.11
103	0.8	0.0	191.1	0.0	-47.9	0.0	0.36	0.11
104	0.8	0.0	191.1	0.0	-47.9	0.0	0.36	0.11
105	0.8	0.0	191.1	0.0	-47.9	0.0	0.36	0.11
106	0.8	0.0	160.7	0.0	-48.4	0.0	0.30	0.10
107	0.8	0.0	160.7	0.0	-48.4	0.0	0.30	0.10
108	0.8	0.0	160.7	0.0	-48.4	0.0	0.30	0.10
109	0.8	0.0	160.7	0.0	-48.4	0.0	0.30	0.10
110	0.8	0.0	160.7	0.0	-48.4	0.0	0.30	0.10
111	0.9	0.0	130.4	0.0	-48.8	0.0	0.25	0.08
112	0.9	0.0	130.4	0.0	-48.8	0.0	0.25	0.08
113	0.9	0.0	130.4	0.0	-48.8	0.0	0.25	0.08
114	0.9	0.0	130.4	0.0	-48.8	0.0	0.25	0.08
115	0.9	0.0	130.4	0.0	-48.8	0.0	0.25	0.08
116	0.9	0.0	100.0	0.0	-49.3	0.0	0.19	0.06

Brazos TMPCPGA.OUT.txt

117	0.9	0.0	100.0	0.0	-49.3	0.0	0.19	0.06
118	0.9	0.0	100.0	0.0	-49.3	0.0	0.19	0.06
119	0.9	0.0	100.0	0.0	-49.3	0.0	0.19	0.06
120	0.9	0.0	100.0	0.0	-49.3	0.0	0.19	0.06
121	-0.9	0.0	133.4	0.0	52.9	0.0	0.25	0.08
122	-0.9	0.0	133.4	0.0	52.9	0.0	0.25	0.08
123	-0.9	0.0	133.4	0.0	52.9	0.0	0.25	0.08
124	-0.9	0.0	133.4	0.0	52.9	0.0	0.25	0.08
125	-0.9	0.0	133.4	0.0	52.9	0.0	0.25	0.08
126	-0.9	0.0	133.4	0.0	52.9	0.0	0.25	0.08
127	-0.9	0.0	133.4	0.0	52.9	0.0	0.25	0.08
128	-0.9	0.0	72.7	0.0	52.0	0.0	0.14	0.05
129	-0.9	0.0	72.7	0.0	52.0	0.0	0.14	0.05
130	-0.9	0.0	72.7	0.0	52.0	0.0	0.14	0.05
131	-0.9	0.0	72.7	0.0	52.0	0.0	0.14	0.05
132	-0.9	0.0	72.7	0.0	52.0	0.0	0.14	0.05
133	-0.9	0.0	72.7	0.0	52.0	0.0	0.14	0.05
134	-0.9	0.0	72.7	0.0	52.0	0.0	0.14	0.05
135	-0.9	0.0	12.0	0.0	51.0	0.0	0.02	0.01
136	-0.9	0.0	12.0	0.0	51.0	0.0	0.02	0.01
137	-0.9	0.0	12.0	0.0	51.0	0.0	0.02	0.01
138	-0.9	0.0	12.0	0.0	51.0	0.0	0.02	0.01
139	-0.9	0.0	12.0	0.0	51.0	0.0	0.02	0.01
140	-0.9	0.0	12.0	0.0	51.0	0.0	0.02	0.01
141	-0.9	0.0	12.0	0.0	51.0	0.0	0.02	0.01
142	0.8	0.0	342.9	0.0	-45.6	0.0	0.64	0.20
143	0.8	0.0	342.9	0.0	-45.6	0.0	0.64	0.20
144	0.8	0.0	342.9	0.0	-45.6	0.0	0.64	0.20
145	0.8	0.0	342.9	0.0	-45.6	0.0	0.64	0.20
146	0.8	0.0	342.9	0.0	-45.6	0.0	0.64	0.20
147	0.8	0.0	342.9	0.0	-45.6	0.0	0.64	0.20
148	0.8	0.0	342.9	0.0	-45.6	0.0	0.64	0.20
149	0.8	0.0	282.2	0.0	-46.5	0.0	0.53	0.17
150	0.8	0.0	282.2	0.0	-46.5	0.0	0.53	0.17
151	0.8	0.0	282.2	0.0	-46.5	0.0	0.53	0.17
152	0.8	0.0	282.2	0.0	-46.5	0.0	0.53	0.17
153	0.8	0.0	282.2	0.0	-46.5	0.0	0.53	0.17
154	0.8	0.0	282.2	0.0	-46.5	0.0	0.53	0.17
155	0.8	0.0	282.2	0.0	-46.5	0.0	0.53	0.17
156	0.8	0.0	221.5	0.0	-47.5	0.0	0.42	0.13
157	0.8	0.0	221.5	0.0	-47.5	0.0	0.42	0.13
158	0.8	0.0	221.5	0.0	-47.5	0.0	0.42	0.13
159	0.8	0.0	221.5	0.0	-47.5	0.0	0.42	0.13
160	0.8	0.0	221.5	0.0	-47.5	0.0	0.42	0.13
161	0.8	0.0	221.5	0.0	-47.5	0.0	0.42	0.13
162	0.8	0.0	221.5	0.0	-47.5	0.0	0.42	0.13
163	0.8	0.0	160.7	0.0	-48.4	0.0	0.30	0.10
164	0.8	0.0	160.7	0.0	-48.4	0.0	0.30	0.10



Brazos TMPCPGA.OUT.txt

165	0.8	0.0	160.7	0.0	-48.4	0.0	0.30	0.10
166	0.8	0.0	160.7	0.0	-48.4	0.0	0.30	0.10
167	0.8	0.0	160.7	0.0	-48.4	0.0	0.30	0.10
168	0.8	0.0	160.7	0.0	-48.4	0.0	0.30	0.10
169	0.8	0.0	160.7	0.0	-48.4	0.0	0.30	0.10
170	0.9	0.0	100.0	0.0	-49.3	0.0	0.19	0.06
171	0.9	0.0	100.0	0.0	-49.3	0.0	0.19	0.06
172	0.9	0.0	100.0	0.0	-49.3	0.0	0.19	0.06
173	0.9	0.0	100.0	0.0	-49.3	0.0	0.19	0.06
174	0.9	0.0	100.0	0.0	-49.3	0.0	0.19	0.06
175	0.9	0.0	100.0	0.0	-49.3	0.0	0.19	0.06
176	0.9	0.0	100.0	0.0	-49.3	0.0	0.19	0.06
177	-0.9	0.0	103.1	0.0	52.4	0.0	0.19	0.06
178	-0.9	0.0	74.3	0.0	52.0	0.0	0.14	0.05
179	-0.9	0.0	43.9	0.0	51.5	0.0	0.08	0.03
180	-0.9	0.0	13.5	0.0	51.0	0.0	0.03	0.01
181	0.8	0.0	344.5	0.0	-45.6	0.0	0.65	0.20
182	0.8	0.0	283.8	0.0	-46.5	0.0	0.53	0.17
183	0.8	0.0	223.0	0.0	-47.4	0.0	0.42	0.13
184	0.8	0.0	192.7	0.0	-47.9	0.0	0.36	0.12
185	0.8	0.0	162.3	0.0	-48.4	0.0	0.31	0.10
186	0.9	0.0	131.9	0.0	-48.8	0.0	0.25	0.08
187	-0.9	0.0	74.3	0.0	52.0	0.0	0.14	0.05
188	-0.9	0.0	43.9	0.0	51.5	0.0	0.08	0.03
189	-0.9	0.0	13.5	0.0	51.0	0.0	0.03	0.01
190	0.8	0.0	344.5	0.0	-45.6	0.0	0.65	0.20
191	0.8	0.0	283.8	0.0	-46.5	0.0	0.53	0.17
192	0.8	0.0	223.0	0.0	-47.4	0.0	0.42	0.13
193	0.8	0.0	192.7	0.0	-47.9	0.0	0.36	0.12
194	0.8	0.0	162.3	0.0	-48.4	0.0	0.31	0.10
195	0.9	0.0	131.9	0.0	-48.8	0.0	0.25	0.08
196	-0.9	0.0	103.1	0.0	52.4	0.0	0.19	0.06
197	-0.9	0.0	74.3	0.0	52.0	0.0	0.14	0.05
198	-0.9	0.0	43.9	0.0	51.5	0.0	0.08	0.03
199	-0.9	0.0	13.5	0.0	51.0	0.0	0.03	0.01
200	0.8	0.0	344.5	0.0	-45.6	0.0	0.65	0.20
201	0.8	0.0	283.8	0.0	-46.5	0.0	0.53	0.17
202	0.8	0.0	223.0	0.0	-47.4	0.0	0.42	0.13
203	0.8	0.0	192.7	0.0	-47.9	0.0	0.36	0.12
204	0.8	0.0	162.3	0.0	-48.4	0.0	0.31	0.10
205	0.9	0.0	131.9	0.0	-48.8	0.0	0.25	0.08
206	-0.9	0.0	74.3	0.0	52.0	0.0	0.14	0.05
207	-0.9	0.0	43.9	0.0	51.5	0.0	0.08	0.03
208	-0.9	0.0	13.5	0.0	51.0	0.0	0.03	0.01
209	0.8	0.0	344.5	0.0	-45.6	0.0	0.65	0.20
210	0.8	0.0	283.8	0.0	-46.5	0.0	0.53	0.17
211	0.8	0.0	223.0	0.0	-47.4	0.0	0.42	0.13
212	0.8	0.0	192.7	0.0	-47.9	0.0	0.36	0.12

Brazos TMPCPGA.OUT.txt

213	0.8	0.0	162.3	0.0	-48.4	0.0	0.31	0.10
214	0.9	0.0	131.9	0.0	-48.8	0.0	0.25	0.08
215	-0.9	0.0	42.3	0.0	51.5	0.0	0.08	0.03
216	-0.9	0.0	12.0	0.0	51.0	0.0	0.02	0.01
217	-0.9	0.0	12.0	0.0	51.0	0.0	0.02	0.01
218	0.8	0.0	160.7	0.0	-48.4	0.0	0.30	0.10
219	0.8	0.0	342.9	0.0	-45.6	0.0	0.64	0.20
220	0.8	0.0	282.2	0.0	-46.5	0.0	0.53	0.17
221	0.8	0.0	221.5	0.0	-47.5	0.0	0.42	0.13
222	0.8	0.0	191.1	0.0	-47.9	0.0	0.36	0.11
223	0.8	0.0	342.9	0.0	-45.6	0.0	0.64	0.20
224	0.8	0.0	282.2	0.0	-46.5	0.0	0.53	0.17
225	0.8	0.0	221.5	0.0	-47.5	0.0	0.42	0.13
226	0.8	0.0	191.1	0.0	-47.9	0.0	0.36	0.11
227	0.8	0.0	342.9	0.0	-45.6	0.0	0.64	0.20
228	0.8	0.0	282.2	0.0	-46.5	0.0	0.53	0.17
229	0.8	0.0	221.5	0.0	-47.5	0.0	0.42	0.13
230	0.8	0.0	191.1	0.0	-47.9	0.0	0.36	0.11
231	-0.9	0.0	42.3	0.0	51.5	0.0	0.08	0.03
232	-0.9	0.0	12.0	0.0	51.0	0.0	0.02	0.01
233	-0.9	0.0	12.0	0.0	51.0	0.0	0.02	0.01
234	0.8	0.0	160.7	0.0	-48.4	0.0	0.30	0.10
235	0.8	0.0	342.9	0.0	-45.6	0.0	0.64	0.20
236	0.8	0.0	282.2	0.0	-46.5	0.0	0.53	0.17
237	0.8	0.0	221.5	0.0	-47.5	0.0	0.42	0.13
238	0.8	0.0	191.1	0.0	-47.9	0.0	0.36	0.11
239	0.8	0.0	342.9	0.0	-45.6	0.0	0.64	0.20
240	0.8	0.0	282.2	0.0	-46.5	0.0	0.53	0.17
241	0.8	0.0	221.5	0.0	-47.5	0.0	0.42	0.13
242	0.8	0.0	191.1	0.0	-47.9	0.0	0.36	0.11
243	0.8	0.0	342.9	0.0	-45.6	0.0	0.64	0.20
244	0.8	0.0	282.2	0.0	-46.5	0.0	0.53	0.17
245	0.8	0.0	221.5	0.0	-47.5	0.0	0.42	0.13
246	0.8	0.0	191.1	0.0	-47.9	0.0	0.36	0.11

LOAD CASE - 8

PILE	F1 K	F2 K	F3 K	M1 IN-K	M2 IN-K	M3 IN-K	ALF	CBF
1	0.3	0.0	18.0	0.0	-16.0	0.0	0.04	0.01
2	0.3	0.0	18.0	0.0	-16.0	0.0	0.04	0.01
3	0.3	0.0	18.0	0.0	-16.0	0.0	0.04	0.01
4	0.3	0.0	18.0	0.0	-16.0	0.0	0.04	0.01
5	0.3	0.0	18.0	0.0	-16.0	0.0	0.04	0.01
6	0.3	0.0	31.7	0.0	-15.8	0.0	0.07	0.02
7	0.3	0.0	31.7	0.0	-15.8	0.0	0.07	0.02

Brazos TMPCPGA.OUT.txt

8	0.3	0.0	31.7	0.0	-15.8	0.0	0.07	0.02
9	0.3	0.0	31.7	0.0	-15.8	0.0	0.07	0.02
10	0.3	0.0	31.7	0.0	-15.8	0.0	0.07	0.02
11	0.3	0.0	45.4	0.0	-15.6	0.0	0.10	0.03
12	0.3	0.0	45.4	0.0	-15.6	0.0	0.10	0.03
13	0.3	0.0	45.4	0.0	-15.6	0.0	0.10	0.03
14	0.3	0.0	45.4	0.0	-15.6	0.0	0.10	0.03
15	0.3	0.0	45.4	0.0	-15.6	0.0	0.10	0.03
16	0.3	0.0	59.0	0.0	-15.4	0.0	0.13	0.04
17	0.3	0.0	59.0	0.0	-15.4	0.0	0.13	0.04
18	0.3	0.0	59.0	0.0	-15.4	0.0	0.13	0.04
19	0.3	0.0	59.0	0.0	-15.4	0.0	0.13	0.04
20	0.3	0.0	59.0	0.0	-15.4	0.0	0.13	0.04
21	0.3	0.0	72.7	0.0	-15.2	0.0	0.16	0.05
22	0.3	0.0	72.7	0.0	-15.2	0.0	0.16	0.05
23	0.3	0.0	72.7	0.0	-15.2	0.0	0.16	0.05
24	0.3	0.0	72.7	0.0	-15.2	0.0	0.16	0.05
25	0.3	0.0	72.7	0.0	-15.2	0.0	0.16	0.05
26	-0.3	0.0	-25.6	0.0	15.9	0.0	0.07	0.02
27	-0.3	0.0	-25.6	0.0	15.9	0.0	0.07	0.02
28	-0.3	0.0	-25.6	0.0	15.9	0.0	0.07	0.02
29	-0.3	0.0	-25.6	0.0	15.9	0.0	0.07	0.02
30	-0.3	0.0	-25.6	0.0	15.9	0.0	0.07	0.02
31	-0.3	0.0	1.7	0.0	16.3	0.0	0.00	0.00
32	-0.3	0.0	1.7	0.0	16.3	0.0	0.00	0.00
33	-0.3	0.0	1.7	0.0	16.3	0.0	0.00	0.00
34	-0.3	0.0	1.7	0.0	16.3	0.0	0.00	0.00
35	-0.3	0.0	1.7	0.0	16.3	0.0	0.00	0.00
36	-0.3	0.0	29.0	0.0	16.7	0.0	0.06	0.02
37	-0.3	0.0	29.0	0.0	16.7	0.0	0.06	0.02
38	-0.3	0.0	29.0	0.0	16.7	0.0	0.06	0.02
39	-0.3	0.0	29.0	0.0	16.7	0.0	0.06	0.02
40	-0.3	0.0	29.0	0.0	16.7	0.0	0.06	0.02
41	-0.3	0.0	42.7	0.0	17.0	0.0	0.09	0.03
42	-0.3	0.0	42.7	0.0	17.0	0.0	0.09	0.03
43	-0.3	0.0	42.7	0.0	17.0	0.0	0.09	0.03
44	-0.3	0.0	42.7	0.0	17.0	0.0	0.09	0.03
45	-0.3	0.0	42.7	0.0	17.0	0.0	0.09	0.03
46	-0.3	0.0	56.4	0.0	17.2	0.0	0.12	0.04
47	-0.3	0.0	56.4	0.0	17.2	0.0	0.12	0.04
48	-0.3	0.0	56.4	0.0	17.2	0.0	0.12	0.04
49	-0.3	0.0	56.4	0.0	17.2	0.0	0.12	0.04
50	-0.3	0.0	56.4	0.0	17.2	0.0	0.12	0.04
51	-0.3	0.0	70.0	0.0	17.4	0.0	0.15	0.05
52	-0.3	0.0	70.0	0.0	17.4	0.0	0.15	0.05
53	-0.3	0.0	70.0	0.0	17.4	0.0	0.15	0.05
54	-0.3	0.0	70.0	0.0	17.4	0.0	0.15	0.05
55	-0.3	0.0	70.0	0.0	17.4	0.0	0.15	0.05

Brazos TMPCPGA.OUT.txt

56	-0.3	0.0	83.7	0.0	17.6	0.0	0.18	0.06
57	-0.3	0.0	83.7	0.0	17.6	0.0	0.18	0.06
58	-0.3	0.0	83.7	0.0	17.6	0.0	0.18	0.06
59	-0.3	0.0	83.7	0.0	17.6	0.0	0.18	0.06
60	-0.3	0.0	83.7	0.0	17.6	0.0	0.18	0.06
61	0.3	0.0	18.0	0.0	-16.0	0.0	0.04	0.01
62	0.3	0.0	18.0	0.0	-16.0	0.0	0.04	0.01
63	0.3	0.0	18.0	0.0	-16.0	0.0	0.04	0.01
64	0.3	0.0	18.0	0.0	-16.0	0.0	0.04	0.01
65	0.3	0.0	18.0	0.0	-16.0	0.0	0.04	0.01
66	0.3	0.0	31.7	0.0	-15.8	0.0	0.07	0.02
67	0.3	0.0	31.7	0.0	-15.8	0.0	0.07	0.02
68	0.3	0.0	31.7	0.0	-15.8	0.0	0.07	0.02
69	0.3	0.0	31.7	0.0	-15.8	0.0	0.07	0.02
70	0.3	0.0	31.7	0.0	-15.8	0.0	0.07	0.02
71	0.3	0.0	45.4	0.0	-15.6	0.0	0.10	0.03
72	0.3	0.0	45.4	0.0	-15.6	0.0	0.10	0.03
73	0.3	0.0	45.4	0.0	-15.6	0.0	0.10	0.03
74	0.3	0.0	45.4	0.0	-15.6	0.0	0.10	0.03
75	0.3	0.0	45.4	0.0	-15.6	0.0	0.10	0.03
76	0.3	0.0	59.0	0.0	-15.4	0.0	0.13	0.04
77	0.3	0.0	59.0	0.0	-15.4	0.0	0.13	0.04
78	0.3	0.0	59.0	0.0	-15.4	0.0	0.13	0.04
79	0.3	0.0	59.0	0.0	-15.4	0.0	0.13	0.04
80	0.3	0.0	59.0	0.0	-15.4	0.0	0.13	0.04
81	0.3	0.0	72.7	0.0	-15.2	0.0	0.16	0.05
82	0.3	0.0	72.7	0.0	-15.2	0.0	0.16	0.05
83	0.3	0.0	72.7	0.0	-15.2	0.0	0.16	0.05
84	0.3	0.0	72.7	0.0	-15.2	0.0	0.16	0.05
85	0.3	0.0	72.7	0.0	-15.2	0.0	0.16	0.05
86	-0.3	0.0	-25.6	0.0	15.9	0.0	0.07	0.02
87	-0.3	0.0	-25.6	0.0	15.9	0.0	0.07	0.02
88	-0.3	0.0	-25.6	0.0	15.9	0.0	0.07	0.02
89	-0.3	0.0	-25.6	0.0	15.9	0.0	0.07	0.02
90	-0.3	0.0	-25.6	0.0	15.9	0.0	0.07	0.02
91	-0.3	0.0	1.7	0.0	16.3	0.0	0.00	0.00
92	-0.3	0.0	1.7	0.0	16.3	0.0	0.00	0.00
93	-0.3	0.0	1.7	0.0	16.3	0.0	0.00	0.00
94	-0.3	0.0	1.7	0.0	16.3	0.0	0.00	0.00
95	-0.3	0.0	1.7	0.0	16.3	0.0	0.00	0.00
96	-0.3	0.0	29.0	0.0	16.7	0.0	0.06	0.02
97	-0.3	0.0	29.0	0.0	16.7	0.0	0.06	0.02
98	-0.3	0.0	29.0	0.0	16.7	0.0	0.06	0.02
99	-0.3	0.0	29.0	0.0	16.7	0.0	0.06	0.02
100	-0.3	0.0	29.0	0.0	16.7	0.0	0.06	0.02
101	-0.3	0.0	42.7	0.0	17.0	0.0	0.09	0.03
102	-0.3	0.0	42.7	0.0	17.0	0.0	0.09	0.03
103	-0.3	0.0	42.7	0.0	17.0	0.0	0.09	0.03

Brazos TMPCPGA.OUT.txt

104	-0.3	0.0	42.7	0.0	17.0	0.0	0.09	0.03
105	-0.3	0.0	42.7	0.0	17.0	0.0	0.09	0.03
106	-0.3	0.0	56.4	0.0	17.2	0.0	0.12	0.04
107	-0.3	0.0	56.4	0.0	17.2	0.0	0.12	0.04
108	-0.3	0.0	56.4	0.0	17.2	0.0	0.12	0.04
109	-0.3	0.0	56.4	0.0	17.2	0.0	0.12	0.04
110	-0.3	0.0	56.4	0.0	17.2	0.0	0.12	0.04
111	-0.3	0.0	70.0	0.0	17.4	0.0	0.15	0.05
112	-0.3	0.0	70.0	0.0	17.4	0.0	0.15	0.05
113	-0.3	0.0	70.0	0.0	17.4	0.0	0.15	0.05
114	-0.3	0.0	70.0	0.0	17.4	0.0	0.15	0.05
115	-0.3	0.0	70.0	0.0	17.4	0.0	0.15	0.05
116	-0.3	0.0	83.7	0.0	17.6	0.0	0.18	0.06
117	-0.3	0.0	83.7	0.0	17.6	0.0	0.18	0.06
118	-0.3	0.0	83.7	0.0	17.6	0.0	0.18	0.06
119	-0.3	0.0	83.7	0.0	17.6	0.0	0.18	0.06
120	-0.3	0.0	83.7	0.0	17.6	0.0	0.18	0.06
121	0.3	0.0	18.0	0.0	-16.0	0.0	0.04	0.01
122	0.3	0.0	18.0	0.0	-16.0	0.0	0.04	0.01
123	0.3	0.0	18.0	0.0	-16.0	0.0	0.04	0.01
124	0.3	0.0	18.0	0.0	-16.0	0.0	0.04	0.01
125	0.3	0.0	18.0	0.0	-16.0	0.0	0.04	0.01
126	0.3	0.0	18.0	0.0	-16.0	0.0	0.04	0.01
127	0.3	0.0	18.0	0.0	-16.0	0.0	0.04	0.01
128	0.3	0.0	45.4	0.0	-15.6	0.0	0.10	0.03
129	0.3	0.0	45.4	0.0	-15.6	0.0	0.10	0.03
130	0.3	0.0	45.4	0.0	-15.6	0.0	0.10	0.03
131	0.3	0.0	45.4	0.0	-15.6	0.0	0.10	0.03
132	0.3	0.0	45.4	0.0	-15.6	0.0	0.10	0.03
133	0.3	0.0	45.4	0.0	-15.6	0.0	0.10	0.03
134	0.3	0.0	45.4	0.0	-15.6	0.0	0.10	0.03
135	0.3	0.0	72.7	0.0	-15.2	0.0	0.16	0.05
136	0.3	0.0	72.7	0.0	-15.2	0.0	0.16	0.05
137	0.3	0.0	72.7	0.0	-15.2	0.0	0.16	0.05
138	0.3	0.0	72.7	0.0	-15.2	0.0	0.16	0.05
139	0.3	0.0	72.7	0.0	-15.2	0.0	0.16	0.05
140	0.3	0.0	72.7	0.0	-15.2	0.0	0.16	0.05
141	0.3	0.0	72.7	0.0	-15.2	0.0	0.16	0.05
142	-0.3	0.0	-25.6	0.0	15.9	0.0	0.07	0.02
143	-0.3	0.0	-25.6	0.0	15.9	0.0	0.07	0.02
144	-0.3	0.0	-25.6	0.0	15.9	0.0	0.07	0.02
145	-0.3	0.0	-25.6	0.0	15.9	0.0	0.07	0.02
146	-0.3	0.0	-25.6	0.0	15.9	0.0	0.07	0.02
147	-0.3	0.0	-25.6	0.0	15.9	0.0	0.07	0.02
148	-0.3	0.0	-25.6	0.0	15.9	0.0	0.07	0.02
149	-0.3	0.0	1.7	0.0	16.3	0.0	0.00	0.00
150	-0.3	0.0	1.7	0.0	16.3	0.0	0.00	0.00
151	-0.3	0.0	1.7	0.0	16.3	0.0	0.00	0.00

Brazos TMPCPGA.OUT.txt

152	-0.3	0.0	1.7	0.0	16.3	0.0	0.00	0.00
153	-0.3	0.0	1.7	0.0	16.3	0.0	0.00	0.00
154	-0.3	0.0	1.7	0.0	16.3	0.0	0.00	0.00
155	-0.3	0.0	1.7	0.0	16.3	0.0	0.00	0.00
156	-0.3	0.0	29.0	0.0	16.7	0.0	0.06	0.02
157	-0.3	0.0	29.0	0.0	16.7	0.0	0.06	0.02
158	-0.3	0.0	29.0	0.0	16.7	0.0	0.06	0.02
159	-0.3	0.0	29.0	0.0	16.7	0.0	0.06	0.02
160	-0.3	0.0	29.0	0.0	16.7	0.0	0.06	0.02
161	-0.3	0.0	29.0	0.0	16.7	0.0	0.06	0.02
162	-0.3	0.0	29.0	0.0	16.7	0.0	0.06	0.02
163	-0.3	0.0	56.4	0.0	17.2	0.0	0.12	0.04
164	-0.3	0.0	56.4	0.0	17.2	0.0	0.12	0.04
165	-0.3	0.0	56.4	0.0	17.2	0.0	0.12	0.04
166	-0.3	0.0	56.4	0.0	17.2	0.0	0.12	0.04
167	-0.3	0.0	56.4	0.0	17.2	0.0	0.12	0.04
168	-0.3	0.0	56.4	0.0	17.2	0.0	0.12	0.04
169	-0.3	0.0	56.4	0.0	17.2	0.0	0.12	0.04
170	-0.3	0.0	83.7	0.0	17.6	0.0	0.18	0.06
171	-0.3	0.0	83.7	0.0	17.6	0.0	0.18	0.06
172	-0.3	0.0	83.7	0.0	17.6	0.0	0.18	0.06
173	-0.3	0.0	83.7	0.0	17.6	0.0	0.18	0.06
174	-0.3	0.0	83.7	0.0	17.6	0.0	0.18	0.06
175	-0.3	0.0	83.7	0.0	17.6	0.0	0.18	0.06
176	-0.3	0.0	83.7	0.0	17.6	0.0	0.18	0.06
177	0.3	0.0	31.7	0.0	-15.8	0.0	0.07	0.02
178	0.3	0.0	44.6	0.0	-15.6	0.0	0.10	0.03
179	0.3	0.0	58.3	0.0	-15.4	0.0	0.13	0.04
180	0.3	0.0	72.0	0.0	-15.2	0.0	0.16	0.05
181	-0.3	0.0	-26.3	0.0	15.9	0.0	0.07	0.02
182	-0.3	0.0	1.0	0.0	16.3	0.0	0.00	0.00
183	-0.3	0.0	28.3	0.0	16.7	0.0	0.06	0.02
184	-0.3	0.0	42.0	0.0	16.9	0.0	0.09	0.03
185	-0.3	0.0	55.6	0.0	17.2	0.0	0.12	0.04
186	-0.3	0.0	69.3	0.0	17.4	0.0	0.15	0.05
187	0.3	0.0	44.6	0.0	-15.6	0.0	0.10	0.03
188	0.3	0.0	58.3	0.0	-15.4	0.0	0.13	0.04
189	0.3	0.0	72.0	0.0	-15.2	0.0	0.16	0.05
190	-0.3	0.0	-26.3	0.0	15.9	0.0	0.07	0.02
191	-0.3	0.0	1.0	0.0	16.3	0.0	0.00	0.00
192	-0.3	0.0	28.3	0.0	16.7	0.0	0.06	0.02
193	-0.3	0.0	42.0	0.0	16.9	0.0	0.09	0.03
194	-0.3	0.0	55.6	0.0	17.2	0.0	0.12	0.04
195	-0.3	0.0	69.3	0.0	17.4	0.0	0.15	0.05
196	0.3	0.0	31.7	0.0	-15.8	0.0	0.07	0.02
197	0.3	0.0	44.6	0.0	-15.6	0.0	0.10	0.03
198	0.3	0.0	58.3	0.0	-15.4	0.0	0.13	0.04
199	0.3	0.0	72.0	0.0	-15.2	0.0	0.16	0.05

Brazos TMPCPGA.OUT.txt

200	-0.3	0.0	-26.3	0.0	15.9	0.0	0.07	0.02
201	-0.3	0.0	1.0	0.0	16.3	0.0	0.00	0.00
202	-0.3	0.0	28.3	0.0	16.7	0.0	0.06	0.02
203	-0.3	0.0	42.0	0.0	16.9	0.0	0.09	0.03
204	-0.3	0.0	55.6	0.0	17.2	0.0	0.12	0.04
205	-0.3	0.0	69.3	0.0	17.4	0.0	0.15	0.05
206	0.3	0.0	44.6	0.0	-15.6	0.0	0.10	0.03
207	0.3	0.0	58.3	0.0	-15.4	0.0	0.13	0.04
208	0.3	0.0	72.0	0.0	-15.2	0.0	0.16	0.05
209	-0.3	0.0	-26.3	0.0	15.9	0.0	0.07	0.02
210	-0.3	0.0	1.0	0.0	16.3	0.0	0.00	0.00
211	-0.3	0.0	28.3	0.0	16.7	0.0	0.06	0.02
212	-0.3	0.0	42.0	0.0	16.9	0.0	0.09	0.03
213	-0.3	0.0	55.6	0.0	17.2	0.0	0.12	0.04
214	-0.3	0.0	69.3	0.0	17.4	0.0	0.15	0.05
215	0.3	0.0	59.0	0.0	-15.4	0.0	0.13	0.04
216	0.3	0.0	72.7	0.0	-15.2	0.0	0.16	0.05
217	0.3	0.0	72.7	0.0	-15.2	0.0	0.16	0.05
218	-0.3	0.0	56.3	0.0	17.2	0.0	0.12	0.04
219	-0.3	0.0	-25.6	0.0	15.9	0.0	0.07	0.02
220	-0.3	0.0	1.7	0.0	16.3	0.0	0.00	0.00
221	-0.3	0.0	29.0	0.0	16.7	0.0	0.06	0.02
222	-0.3	0.0	42.7	0.0	17.0	0.0	0.09	0.03
223	-0.3	0.0	-25.6	0.0	15.9	0.0	0.07	0.02
224	-0.3	0.0	1.7	0.0	16.3	0.0	0.00	0.00
225	-0.3	0.0	29.0	0.0	16.7	0.0	0.06	0.02
226	-0.3	0.0	42.7	0.0	17.0	0.0	0.09	0.03
227	-0.3	0.0	-25.6	0.0	15.9	0.0	0.07	0.02
228	-0.3	0.0	1.7	0.0	16.3	0.0	0.00	0.00
229	-0.3	0.0	29.0	0.0	16.7	0.0	0.06	0.02
230	-0.3	0.0	42.7	0.0	17.0	0.0	0.09	0.03
231	0.3	0.0	59.0	0.0	-15.4	0.0	0.13	0.04
232	0.3	0.0	72.7	0.0	-15.2	0.0	0.16	0.05
233	0.3	0.0	72.7	0.0	-15.2	0.0	0.16	0.05
234	-0.3	0.0	56.3	0.0	17.2	0.0	0.12	0.04
235	-0.3	0.0	-25.6	0.0	15.9	0.0	0.07	0.02
236	-0.3	0.0	1.7	0.0	16.3	0.0	0.00	0.00
237	-0.3	0.0	29.0	0.0	16.7	0.0	0.06	0.02
238	-0.3	0.0	42.7	0.0	17.0	0.0	0.09	0.03
239	-0.3	0.0	-25.6	0.0	15.9	0.0	0.07	0.02
240	-0.3	0.0	1.7	0.0	16.3	0.0	0.00	0.00
241	-0.3	0.0	29.0	0.0	16.7	0.0	0.06	0.02
242	-0.3	0.0	42.7	0.0	17.0	0.0	0.09	0.03
243	-0.3	0.0	-25.6	0.0	15.9	0.0	0.07	0.02
244	-0.3	0.0	1.7	0.0	16.3	0.0	0.00	0.00
245	-0.3	0.0	29.0	0.0	16.7	0.0	0.06	0.02
246	-0.3	0.0	42.7	0.0	17.0	0.0	0.09	0.03

Brazos TMPCPGA.OUT.txt

\*\*\*\*\*

PILE FORCES IN GLOBAL GEOMETRY

LOAD CASE - 1

PILE	PX K	PY K	PZ K	MX IN-K	MY IN-K	MZ IN-K
1	-62.4	0.0	245.0	0.0	0.0	0.0
2	-62.4	0.0	245.0	0.0	0.0	0.0
3	-62.4	0.0	245.0	0.0	0.0	0.0
4	-62.4	0.0	245.0	0.0	0.0	0.0
5	-62.4	0.0	245.0	0.0	0.0	0.0
6	-74.7	0.0	294.1	0.0	0.0	0.0
7	-74.7	0.0	294.1	0.0	0.0	0.0
8	-74.7	0.0	294.1	0.0	0.0	0.0
9	-74.7	0.0	294.1	0.0	0.0	0.0
10	-74.7	0.0	294.1	0.0	0.0	0.0
11	-87.0	0.0	343.3	0.0	0.0	0.0
12	-87.0	0.0	343.3	0.0	0.0	0.0
13	-87.0	0.0	343.3	0.0	0.0	0.0
14	-87.0	0.0	343.3	0.0	0.0	0.0
15	-87.0	0.0	343.3	0.0	0.0	0.0
16	-99.3	0.0	392.5	0.0	0.0	0.0
17	-99.3	0.0	392.5	0.0	0.0	0.0
18	-99.3	0.0	392.5	0.0	0.0	0.0
19	-99.3	0.0	392.5	0.0	0.0	0.0
20	-99.3	0.0	392.5	0.0	0.0	0.0
21	-111.6	0.0	441.7	0.0	0.0	0.0
22	-111.6	0.0	441.7	0.0	0.0	0.0
23	-111.6	0.0	441.7	0.0	0.0	0.0
24	-111.6	0.0	441.7	0.0	0.0	0.0
25	-111.6	0.0	441.7	0.0	0.0	0.0
26	2.5	0.0	15.0	0.0	0.0	0.0
27	2.5	0.0	15.0	0.0	0.0	0.0
28	2.5	0.0	15.0	0.0	0.0	0.0
29	2.5	0.0	15.0	0.0	0.0	0.0
30	2.5	0.0	15.0	0.0	0.0	0.0
31	27.0	0.0	113.4	0.0	0.0	0.0
32	27.0	0.0	113.4	0.0	0.0	0.0
33	27.0	0.0	113.4	0.0	0.0	0.0
34	27.0	0.0	113.4	0.0	0.0	0.0
35	27.0	0.0	113.4	0.0	0.0	0.0
36	51.6	0.0	211.7	0.0	0.0	0.0



Brazos TMPCPGA.OUT.txt

37	51.6	0.0	211.7	0.0	0.0	0.0
38	51.6	0.0	211.7	0.0	0.0	0.0
39	51.6	0.0	211.7	0.0	0.0	0.0
40	51.6	0.0	211.7	0.0	0.0	0.0
41	63.9	0.0	260.9	0.0	0.0	0.0
42	63.9	0.0	260.9	0.0	0.0	0.0
43	63.9	0.0	260.9	0.0	0.0	0.0
44	63.9	0.0	260.9	0.0	0.0	0.0
45	63.9	0.0	260.9	0.0	0.0	0.0
46	76.2	0.0	310.1	0.0	0.0	0.0
47	76.2	0.0	310.1	0.0	0.0	0.0
48	76.2	0.0	310.1	0.0	0.0	0.0
49	76.2	0.0	310.1	0.0	0.0	0.0
50	76.2	0.0	310.1	0.0	0.0	0.0
51	88.4	0.0	359.3	0.0	0.0	0.0
52	88.4	0.0	359.3	0.0	0.0	0.0
53	88.4	0.0	359.3	0.0	0.0	0.0
54	88.4	0.0	359.3	0.0	0.0	0.0
55	88.4	0.0	359.3	0.0	0.0	0.0
56	100.7	0.0	408.4	0.0	0.0	0.0
57	100.7	0.0	408.4	0.0	0.0	0.0
58	100.7	0.0	408.4	0.0	0.0	0.0
59	100.7	0.0	408.4	0.0	0.0	0.0
60	100.7	0.0	408.4	0.0	0.0	0.0
61	-62.4	0.0	245.0	0.0	0.0	0.0
62	-62.4	0.0	245.0	0.0	0.0	0.0
63	-62.4	0.0	245.0	0.0	0.0	0.0
64	-62.4	0.0	245.0	0.0	0.0	0.0
65	-62.4	0.0	245.0	0.0	0.0	0.0
66	-74.7	0.0	294.1	0.0	0.0	0.0
67	-74.7	0.0	294.1	0.0	0.0	0.0
68	-74.7	0.0	294.1	0.0	0.0	0.0
69	-74.7	0.0	294.1	0.0	0.0	0.0
70	-74.7	0.0	294.1	0.0	0.0	0.0
71	-87.0	0.0	343.3	0.0	0.0	0.0
72	-87.0	0.0	343.3	0.0	0.0	0.0
73	-87.0	0.0	343.3	0.0	0.0	0.0
74	-87.0	0.0	343.3	0.0	0.0	0.0
75	-87.0	0.0	343.3	0.0	0.0	0.0
76	-99.3	0.0	392.5	0.0	0.0	0.0
77	-99.3	0.0	392.5	0.0	0.0	0.0
78	-99.3	0.0	392.5	0.0	0.0	0.0
79	-99.3	0.0	392.5	0.0	0.0	0.0
80	-99.3	0.0	392.5	0.0	0.0	0.0
81	-111.6	0.0	441.7	0.0	0.0	0.0
82	-111.6	0.0	441.7	0.0	0.0	0.0
83	-111.6	0.0	441.7	0.0	0.0	0.0
84	-111.6	0.0	441.7	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

85	-111.6	0.0	441.7	0.0	0.0	0.0
86	2.5	0.0	15.0	0.0	0.0	0.0
87	2.5	0.0	15.0	0.0	0.0	0.0
88	2.5	0.0	15.0	0.0	0.0	0.0
89	2.5	0.0	15.0	0.0	0.0	0.0
90	2.5	0.0	15.0	0.0	0.0	0.0
91	27.0	0.0	113.4	0.0	0.0	0.0
92	27.0	0.0	113.4	0.0	0.0	0.0
93	27.0	0.0	113.4	0.0	0.0	0.0
94	27.0	0.0	113.4	0.0	0.0	0.0
95	27.0	0.0	113.4	0.0	0.0	0.0
96	51.6	0.0	211.7	0.0	0.0	0.0
97	51.6	0.0	211.7	0.0	0.0	0.0
98	51.6	0.0	211.7	0.0	0.0	0.0
99	51.6	0.0	211.7	0.0	0.0	0.0
100	51.6	0.0	211.7	0.0	0.0	0.0
101	63.9	0.0	260.9	0.0	0.0	0.0
102	63.9	0.0	260.9	0.0	0.0	0.0
103	63.9	0.0	260.9	0.0	0.0	0.0
104	63.9	0.0	260.9	0.0	0.0	0.0
105	63.9	0.0	260.9	0.0	0.0	0.0
106	76.2	0.0	310.1	0.0	0.0	0.0
107	76.2	0.0	310.1	0.0	0.0	0.0
108	76.2	0.0	310.1	0.0	0.0	0.0
109	76.2	0.0	310.1	0.0	0.0	0.0
110	76.2	0.0	310.1	0.0	0.0	0.0
111	88.4	0.0	359.3	0.0	0.0	0.0
112	88.4	0.0	359.3	0.0	0.0	0.0
113	88.4	0.0	359.3	0.0	0.0	0.0
114	88.4	0.0	359.3	0.0	0.0	0.0
115	88.4	0.0	359.3	0.0	0.0	0.0
116	100.7	0.0	408.4	0.0	0.0	0.0
117	100.7	0.0	408.4	0.0	0.0	0.0
118	100.7	0.0	408.4	0.0	0.0	0.0
119	100.7	0.0	408.4	0.0	0.0	0.0
120	100.7	0.0	408.4	0.0	0.0	0.0
121	-62.4	0.0	245.0	0.0	0.0	0.0
122	-62.4	0.0	245.0	0.0	0.0	0.0
123	-62.4	0.0	245.0	0.0	0.0	0.0
124	-62.4	0.0	245.0	0.0	0.0	0.0
125	-62.4	0.0	245.0	0.0	0.0	0.0
126	-62.4	0.0	245.0	0.0	0.0	0.0
127	-62.4	0.0	245.0	0.0	0.0	0.0
128	-87.0	0.0	343.3	0.0	0.0	0.0
129	-87.0	0.0	343.3	0.0	0.0	0.0
130	-87.0	0.0	343.3	0.0	0.0	0.0
131	-87.0	0.0	343.3	0.0	0.0	0.0
132	-87.0	0.0	343.3	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

133	-87.0	0.0	343.3	0.0	0.0	0.0
134	-87.0	0.0	343.3	0.0	0.0	0.0
135	-111.6	0.0	441.7	0.0	0.0	0.0
136	-111.6	0.0	441.7	0.0	0.0	0.0
137	-111.6	0.0	441.7	0.0	0.0	0.0
138	-111.6	0.0	441.7	0.0	0.0	0.0
139	-111.6	0.0	441.7	0.0	0.0	0.0
140	-111.6	0.0	441.7	0.0	0.0	0.0
141	-111.6	0.0	441.7	0.0	0.0	0.0
142	2.5	0.0	15.0	0.0	0.0	0.0
143	2.5	0.0	15.0	0.0	0.0	0.0
144	2.5	0.0	15.0	0.0	0.0	0.0
145	2.5	0.0	15.0	0.0	0.0	0.0
146	2.5	0.0	15.0	0.0	0.0	0.0
147	2.5	0.0	15.0	0.0	0.0	0.0
148	2.5	0.0	15.0	0.0	0.0	0.0
149	27.0	0.0	113.4	0.0	0.0	0.0
150	27.0	0.0	113.4	0.0	0.0	0.0
151	27.0	0.0	113.4	0.0	0.0	0.0
152	27.0	0.0	113.4	0.0	0.0	0.0
153	27.0	0.0	113.4	0.0	0.0	0.0
154	27.0	0.0	113.4	0.0	0.0	0.0
155	27.0	0.0	113.4	0.0	0.0	0.0
156	51.6	0.0	211.7	0.0	0.0	0.0
157	51.6	0.0	211.7	0.0	0.0	0.0
158	51.6	0.0	211.7	0.0	0.0	0.0
159	51.6	0.0	211.7	0.0	0.0	0.0
160	51.6	0.0	211.7	0.0	0.0	0.0
161	51.6	0.0	211.7	0.0	0.0	0.0
162	51.6	0.0	211.7	0.0	0.0	0.0
163	76.2	0.0	310.1	0.0	0.0	0.0
164	76.2	0.0	310.1	0.0	0.0	0.0
165	76.2	0.0	310.1	0.0	0.0	0.0
166	76.2	0.0	310.1	0.0	0.0	0.0
167	76.2	0.0	310.1	0.0	0.0	0.0
168	76.2	0.0	310.1	0.0	0.0	0.0
169	76.2	0.0	310.1	0.0	0.0	0.0
170	100.7	0.0	408.4	0.0	0.0	0.0
171	100.7	0.0	408.4	0.0	0.0	0.0
172	100.7	0.0	408.4	0.0	0.0	0.0
173	100.7	0.0	408.4	0.0	0.0	0.0
174	100.7	0.0	408.4	0.0	0.0	0.0
175	100.7	0.0	408.4	0.0	0.0	0.0
176	100.7	0.0	408.4	0.0	0.0	0.0
177	-74.7	0.0	294.1	0.0	0.0	0.0
178	-86.4	0.0	340.7	0.0	0.0	0.0
179	-98.6	0.0	389.9	0.0	0.0	0.0
180	-110.9	0.0	439.1	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

181	1.8	0.0	12.5	0.0	0.0	0.0
182	26.4	0.0	110.8	0.0	0.0	0.0
183	51.0	0.0	209.2	0.0	0.0	0.0
184	63.2	0.0	258.3	0.0	0.0	0.0
185	75.5	0.0	307.5	0.0	0.0	0.0
186	87.8	0.0	356.7	0.0	0.0	0.0
187	-86.4	0.0	340.7	0.0	0.0	0.0
188	-98.6	0.0	389.9	0.0	0.0	0.0
189	-110.9	0.0	439.1	0.0	0.0	0.0
190	1.8	0.0	12.5	0.0	0.0	0.0
191	26.4	0.0	110.8	0.0	0.0	0.0
192	51.0	0.0	209.2	0.0	0.0	0.0
193	63.2	0.0	258.3	0.0	0.0	0.0
194	75.5	0.0	307.5	0.0	0.0	0.0
195	87.8	0.0	356.7	0.0	0.0	0.0
196	-74.7	0.0	294.1	0.0	0.0	0.0
197	-86.4	0.0	340.7	0.0	0.0	0.0
198	-98.6	0.0	389.9	0.0	0.0	0.0
199	-110.9	0.0	439.1	0.0	0.0	0.0
200	1.8	0.0	12.5	0.0	0.0	0.0
201	26.4	0.0	110.8	0.0	0.0	0.0
202	51.0	0.0	209.2	0.0	0.0	0.0
203	63.2	0.0	258.3	0.0	0.0	0.0
204	75.5	0.0	307.5	0.0	0.0	0.0
205	87.8	0.0	356.7	0.0	0.0	0.0
206	-86.4	0.0	340.7	0.0	0.0	0.0
207	-98.6	0.0	389.9	0.0	0.0	0.0
208	-110.9	0.0	439.1	0.0	0.0	0.0
209	1.8	0.0	12.5	0.0	0.0	0.0
210	26.4	0.0	110.8	0.0	0.0	0.0
211	51.0	0.0	209.2	0.0	0.0	0.0
212	63.2	0.0	258.3	0.0	0.0	0.0
213	75.5	0.0	307.5	0.0	0.0	0.0
214	87.8	0.0	356.7	0.0	0.0	0.0
215	-99.3	0.0	392.5	0.0	0.0	0.0
216	-111.6	0.0	441.7	0.0	0.0	0.0
217	-111.6	0.0	441.7	0.0	0.0	0.0
218	76.2	0.0	310.1	0.0	0.0	0.0
219	2.5	0.0	15.0	0.0	0.0	0.0
220	27.0	0.0	113.4	0.0	0.0	0.0
221	51.6	0.0	211.7	0.0	0.0	0.0
222	63.9	0.0	260.9	0.0	0.0	0.0
223	2.5	0.0	15.0	0.0	0.0	0.0
224	27.0	0.0	113.4	0.0	0.0	0.0
225	51.6	0.0	211.7	0.0	0.0	0.0
226	63.9	0.0	260.9	0.0	0.0	0.0
227	2.5	0.0	15.0	0.0	0.0	0.0
228	27.0	0.0	113.4	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

229	51.6	0.0	211.7	0.0	0.0	0.0
230	63.9	0.0	260.9	0.0	0.0	0.0
231	-99.3	0.0	392.5	0.0	0.0	0.0
232	-111.6	0.0	441.7	0.0	0.0	0.0
233	-111.6	0.0	441.7	0.0	0.0	0.0
234	76.2	0.0	310.1	0.0	0.0	0.0
235	2.5	0.0	15.0	0.0	0.0	0.0
236	27.0	0.0	113.4	0.0	0.0	0.0
237	51.6	0.0	211.7	0.0	0.0	0.0
238	63.9	0.0	260.9	0.0	0.0	0.0
239	2.5	0.0	15.0	0.0	0.0	0.0
240	27.0	0.0	113.4	0.0	0.0	0.0
241	51.6	0.0	211.7	0.0	0.0	0.0
242	63.9	0.0	260.9	0.0	0.0	0.0
243	2.5	0.0	15.0	0.0	0.0	0.0
244	27.0	0.0	113.4	0.0	0.0	0.0
245	51.6	0.0	211.7	0.0	0.0	0.0
246	63.9	0.0	260.9	0.0	0.0	0.0

LOAD CASE - 2

PILE	PX K	PY K	PZ K	MX IN-K	MY IN-K	MZ IN-K
1	-62.5	0.0	244.4	0.0	0.0	0.0
2	-62.5	0.0	244.4	0.0	0.0	0.0
3	-62.5	0.0	244.4	0.0	0.0	0.0
4	-62.5	0.0	244.4	0.0	0.0	0.0
5	-62.5	0.0	244.4	0.0	0.0	0.0
6	-76.3	0.0	299.9	0.0	0.0	0.0
7	-76.3	0.0	299.9	0.0	0.0	0.0
8	-76.3	0.0	299.9	0.0	0.0	0.0
9	-76.3	0.0	299.9	0.0	0.0	0.0
10	-76.3	0.0	299.9	0.0	0.0	0.0
11	-90.2	0.0	355.4	0.0	0.0	0.0
12	-90.2	0.0	355.4	0.0	0.0	0.0
13	-90.2	0.0	355.4	0.0	0.0	0.0
14	-90.2	0.0	355.4	0.0	0.0	0.0
15	-90.2	0.0	355.4	0.0	0.0	0.0
16	-104.0	0.0	410.9	0.0	0.0	0.0
17	-104.0	0.0	410.9	0.0	0.0	0.0
18	-104.0	0.0	410.9	0.0	0.0	0.0
19	-104.0	0.0	410.9	0.0	0.0	0.0
20	-104.0	0.0	410.9	0.0	0.0	0.0
21	-117.9	0.0	466.4	0.0	0.0	0.0
22	-117.9	0.0	466.4	0.0	0.0	0.0
23	-117.9	0.0	466.4	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

24	-117.9	0.0	466.4	0.0	0.0	0.0
25	-117.9	0.0	466.4	0.0	0.0	0.0
26	-6.1	0.0	-18.6	0.0	0.0	0.0
27	-6.1	0.0	-18.6	0.0	0.0	0.0
28	-6.1	0.0	-18.6	0.0	0.0	0.0
29	-6.1	0.0	-18.6	0.0	0.0	0.0
30	-6.1	0.0	-18.6	0.0	0.0	0.0
31	21.6	0.0	92.4	0.0	0.0	0.0
32	21.6	0.0	92.4	0.0	0.0	0.0
33	21.6	0.0	92.4	0.0	0.0	0.0
34	21.6	0.0	92.4	0.0	0.0	0.0
35	21.6	0.0	92.4	0.0	0.0	0.0
36	49.3	0.0	203.3	0.0	0.0	0.0
37	49.3	0.0	203.3	0.0	0.0	0.0
38	49.3	0.0	203.3	0.0	0.0	0.0
39	49.3	0.0	203.3	0.0	0.0	0.0
40	49.3	0.0	203.3	0.0	0.0	0.0
41	63.2	0.0	258.8	0.0	0.0	0.0
42	63.2	0.0	258.8	0.0	0.0	0.0
43	63.2	0.0	258.8	0.0	0.0	0.0
44	63.2	0.0	258.8	0.0	0.0	0.0
45	63.2	0.0	258.8	0.0	0.0	0.0
46	77.0	0.0	314.3	0.0	0.0	0.0
47	77.0	0.0	314.3	0.0	0.0	0.0
48	77.0	0.0	314.3	0.0	0.0	0.0
49	77.0	0.0	314.3	0.0	0.0	0.0
50	77.0	0.0	314.3	0.0	0.0	0.0
51	90.9	0.0	369.8	0.0	0.0	0.0
52	90.9	0.0	369.8	0.0	0.0	0.0
53	90.9	0.0	369.8	0.0	0.0	0.0
54	90.9	0.0	369.8	0.0	0.0	0.0
55	90.9	0.0	369.8	0.0	0.0	0.0
56	104.8	0.0	425.3	0.0	0.0	0.0
57	104.8	0.0	425.3	0.0	0.0	0.0
58	104.8	0.0	425.3	0.0	0.0	0.0
59	104.8	0.0	425.3	0.0	0.0	0.0
60	104.8	0.0	425.3	0.0	0.0	0.0
61	-62.5	0.0	244.4	0.0	0.0	0.0
62	-62.5	0.0	244.4	0.0	0.0	0.0
63	-62.5	0.0	244.4	0.0	0.0	0.0
64	-62.5	0.0	244.4	0.0	0.0	0.0
65	-62.5	0.0	244.4	0.0	0.0	0.0
66	-76.3	0.0	299.9	0.0	0.0	0.0
67	-76.3	0.0	299.9	0.0	0.0	0.0
68	-76.3	0.0	299.9	0.0	0.0	0.0
69	-76.3	0.0	299.9	0.0	0.0	0.0
70	-76.3	0.0	299.9	0.0	0.0	0.0
71	-90.2	0.0	355.4	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

72	-90.2	0.0	355.4	0.0	0.0	0.0
73	-90.2	0.0	355.4	0.0	0.0	0.0
74	-90.2	0.0	355.4	0.0	0.0	0.0
75	-90.2	0.0	355.4	0.0	0.0	0.0
76	-104.0	0.0	410.9	0.0	0.0	0.0
77	-104.0	0.0	410.9	0.0	0.0	0.0
78	-104.0	0.0	410.9	0.0	0.0	0.0
79	-104.0	0.0	410.9	0.0	0.0	0.0
80	-104.0	0.0	410.9	0.0	0.0	0.0
81	-117.9	0.0	466.4	0.0	0.0	0.0
82	-117.9	0.0	466.4	0.0	0.0	0.0
83	-117.9	0.0	466.4	0.0	0.0	0.0
84	-117.9	0.0	466.4	0.0	0.0	0.0
85	-117.9	0.0	466.4	0.0	0.0	0.0
86	-6.1	0.0	-18.6	0.0	0.0	0.0
87	-6.1	0.0	-18.6	0.0	0.0	0.0
88	-6.1	0.0	-18.6	0.0	0.0	0.0
89	-6.1	0.0	-18.6	0.0	0.0	0.0
90	-6.1	0.0	-18.6	0.0	0.0	0.0
91	21.6	0.0	92.4	0.0	0.0	0.0
92	21.6	0.0	92.4	0.0	0.0	0.0
93	21.6	0.0	92.4	0.0	0.0	0.0
94	21.6	0.0	92.4	0.0	0.0	0.0
95	21.6	0.0	92.4	0.0	0.0	0.0
96	49.3	0.0	203.3	0.0	0.0	0.0
97	49.3	0.0	203.3	0.0	0.0	0.0
98	49.3	0.0	203.3	0.0	0.0	0.0
99	49.3	0.0	203.3	0.0	0.0	0.0
100	49.3	0.0	203.3	0.0	0.0	0.0
101	63.2	0.0	258.8	0.0	0.0	0.0
102	63.2	0.0	258.8	0.0	0.0	0.0
103	63.2	0.0	258.8	0.0	0.0	0.0
104	63.2	0.0	258.8	0.0	0.0	0.0
105	63.2	0.0	258.8	0.0	0.0	0.0
106	77.0	0.0	314.3	0.0	0.0	0.0
107	77.0	0.0	314.3	0.0	0.0	0.0
108	77.0	0.0	314.3	0.0	0.0	0.0
109	77.0	0.0	314.3	0.0	0.0	0.0
110	77.0	0.0	314.3	0.0	0.0	0.0
111	90.9	0.0	369.8	0.0	0.0	0.0
112	90.9	0.0	369.8	0.0	0.0	0.0
113	90.9	0.0	369.8	0.0	0.0	0.0
114	90.9	0.0	369.8	0.0	0.0	0.0
115	90.9	0.0	369.8	0.0	0.0	0.0
116	104.8	0.0	425.3	0.0	0.0	0.0
117	104.8	0.0	425.3	0.0	0.0	0.0
118	104.8	0.0	425.3	0.0	0.0	0.0
119	104.8	0.0	425.3	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

120	104.8	0.0	425.3	0.0	0.0	0.0
121	-62.5	0.0	244.4	0.0	0.0	0.0
122	-62.5	0.0	244.4	0.0	0.0	0.0
123	-62.5	0.0	244.4	0.0	0.0	0.0
124	-62.5	0.0	244.4	0.0	0.0	0.0
125	-62.5	0.0	244.4	0.0	0.0	0.0
126	-62.5	0.0	244.4	0.0	0.0	0.0
127	-62.5	0.0	244.4	0.0	0.0	0.0
128	-90.2	0.0	355.4	0.0	0.0	0.0
129	-90.2	0.0	355.4	0.0	0.0	0.0
130	-90.2	0.0	355.4	0.0	0.0	0.0
131	-90.2	0.0	355.4	0.0	0.0	0.0
132	-90.2	0.0	355.4	0.0	0.0	0.0
133	-90.2	0.0	355.4	0.0	0.0	0.0
134	-90.2	0.0	355.4	0.0	0.0	0.0
135	-117.9	0.0	466.4	0.0	0.0	0.0
136	-117.9	0.0	466.4	0.0	0.0	0.0
137	-117.9	0.0	466.4	0.0	0.0	0.0
138	-117.9	0.0	466.4	0.0	0.0	0.0
139	-117.9	0.0	466.4	0.0	0.0	0.0
140	-117.9	0.0	466.4	0.0	0.0	0.0
141	-117.9	0.0	466.4	0.0	0.0	0.0
142	-6.1	0.0	-18.6	0.0	0.0	0.0
143	-6.1	0.0	-18.6	0.0	0.0	0.0
144	-6.1	0.0	-18.6	0.0	0.0	0.0
145	-6.1	0.0	-18.6	0.0	0.0	0.0
146	-6.1	0.0	-18.6	0.0	0.0	0.0
147	-6.1	0.0	-18.6	0.0	0.0	0.0
148	-6.1	0.0	-18.6	0.0	0.0	0.0
149	21.6	0.0	92.4	0.0	0.0	0.0
150	21.6	0.0	92.4	0.0	0.0	0.0
151	21.6	0.0	92.4	0.0	0.0	0.0
152	21.6	0.0	92.4	0.0	0.0	0.0
153	21.6	0.0	92.4	0.0	0.0	0.0
154	21.6	0.0	92.4	0.0	0.0	0.0
155	21.6	0.0	92.4	0.0	0.0	0.0
156	49.3	0.0	203.3	0.0	0.0	0.0
157	49.3	0.0	203.3	0.0	0.0	0.0
158	49.3	0.0	203.3	0.0	0.0	0.0
159	49.3	0.0	203.3	0.0	0.0	0.0
160	49.3	0.0	203.3	0.0	0.0	0.0
161	49.3	0.0	203.3	0.0	0.0	0.0
162	49.3	0.0	203.3	0.0	0.0	0.0
163	77.0	0.0	314.3	0.0	0.0	0.0
164	77.0	0.0	314.3	0.0	0.0	0.0
165	77.0	0.0	314.3	0.0	0.0	0.0
166	77.0	0.0	314.3	0.0	0.0	0.0
167	77.0	0.0	314.3	0.0	0.0	0.0



Brazos TMPCPGA.OUT.txt

168	77.0	0.0	314.3	0.0	0.0	0.0
169	77.0	0.0	314.3	0.0	0.0	0.0
170	104.8	0.0	425.3	0.0	0.0	0.0
171	104.8	0.0	425.3	0.0	0.0	0.0
172	104.8	0.0	425.3	0.0	0.0	0.0
173	104.8	0.0	425.3	0.0	0.0	0.0
174	104.8	0.0	425.3	0.0	0.0	0.0
175	104.8	0.0	425.3	0.0	0.0	0.0
176	104.8	0.0	425.3	0.0	0.0	0.0
177	-76.3	0.0	299.9	0.0	0.0	0.0
178	-89.5	0.0	352.5	0.0	0.0	0.0
179	-103.3	0.0	408.0	0.0	0.0	0.0
180	-117.2	0.0	463.5	0.0	0.0	0.0
181	-6.8	0.0	-21.5	0.0	0.0	0.0
182	20.9	0.0	89.5	0.0	0.0	0.0
183	48.6	0.0	200.4	0.0	0.0	0.0
184	62.5	0.0	255.9	0.0	0.0	0.0
185	76.3	0.0	311.4	0.0	0.0	0.0
186	90.2	0.0	366.9	0.0	0.0	0.0
187	-89.5	0.0	352.5	0.0	0.0	0.0
188	-103.3	0.0	408.0	0.0	0.0	0.0
189	-117.2	0.0	463.5	0.0	0.0	0.0
190	-6.8	0.0	-21.5	0.0	0.0	0.0
191	20.9	0.0	89.5	0.0	0.0	0.0
192	48.6	0.0	200.4	0.0	0.0	0.0
193	62.5	0.0	255.9	0.0	0.0	0.0
194	76.3	0.0	311.4	0.0	0.0	0.0
195	90.2	0.0	366.9	0.0	0.0	0.0
196	-76.3	0.0	299.9	0.0	0.0	0.0
197	-89.5	0.0	352.5	0.0	0.0	0.0
198	-103.3	0.0	408.0	0.0	0.0	0.0
199	-117.2	0.0	463.5	0.0	0.0	0.0
200	-6.8	0.0	-21.5	0.0	0.0	0.0
201	20.9	0.0	89.5	0.0	0.0	0.0
202	48.6	0.0	200.4	0.0	0.0	0.0
203	62.5	0.0	255.9	0.0	0.0	0.0
204	76.3	0.0	311.4	0.0	0.0	0.0
205	90.2	0.0	366.9	0.0	0.0	0.0
206	-89.5	0.0	352.5	0.0	0.0	0.0
207	-103.3	0.0	408.0	0.0	0.0	0.0
208	-117.2	0.0	463.5	0.0	0.0	0.0
209	-6.8	0.0	-21.5	0.0	0.0	0.0
210	20.9	0.0	89.5	0.0	0.0	0.0
211	48.6	0.0	200.4	0.0	0.0	0.0
212	62.5	0.0	255.9	0.0	0.0	0.0
213	76.3	0.0	311.4	0.0	0.0	0.0
214	90.2	0.0	366.9	0.0	0.0	0.0
215	-104.0	0.0	410.9	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

216	-117.9	0.0	466.4	0.0	0.0	0.0
217	-117.9	0.0	466.4	0.0	0.0	0.0
218	77.0	0.0	314.3	0.0	0.0	0.0
219	-6.1	0.0	-18.6	0.0	0.0	0.0
220	21.6	0.0	92.4	0.0	0.0	0.0
221	49.3	0.0	203.3	0.0	0.0	0.0
222	63.2	0.0	258.8	0.0	0.0	0.0
223	-6.1	0.0	-18.6	0.0	0.0	0.0
224	21.6	0.0	92.4	0.0	0.0	0.0
225	49.3	0.0	203.3	0.0	0.0	0.0
226	63.2	0.0	258.8	0.0	0.0	0.0
227	-6.1	0.0	-18.6	0.0	0.0	0.0
228	21.6	0.0	92.4	0.0	0.0	0.0
229	49.3	0.0	203.3	0.0	0.0	0.0
230	63.2	0.0	258.8	0.0	0.0	0.0
231	-104.0	0.0	410.9	0.0	0.0	0.0
232	-117.9	0.0	466.4	0.0	0.0	0.0
233	-117.9	0.0	466.4	0.0	0.0	0.0
234	77.0	0.0	314.3	0.0	0.0	0.0
235	-6.1	0.0	-18.6	0.0	0.0	0.0
236	21.6	0.0	92.4	0.0	0.0	0.0
237	49.3	0.0	203.3	0.0	0.0	0.0
238	63.2	0.0	258.8	0.0	0.0	0.0
239	-6.1	0.0	-18.6	0.0	0.0	0.0
240	21.6	0.0	92.4	0.0	0.0	0.0
241	49.3	0.0	203.3	0.0	0.0	0.0
242	63.2	0.0	258.8	0.0	0.0	0.0
243	-6.1	0.0	-18.6	0.0	0.0	0.0
244	21.6	0.0	92.4	0.0	0.0	0.0
245	49.3	0.0	203.3	0.0	0.0	0.0
246	63.2	0.0	258.8	0.0	0.0	0.0

LOAD CASE - 3

PILE	PX K	PY K	PZ K	MX IN-K	MY IN-K	MZ IN-K
1	-33.8	0.0	136.9	0.0	0.0	0.0
2	-33.8	0.0	136.9	0.0	0.0	0.0
3	-33.8	0.0	136.9	0.0	0.0	0.0
4	-33.8	0.0	136.9	0.0	0.0	0.0
5	-33.8	0.0	136.9	0.0	0.0	0.0
6	-31.6	0.0	127.8	0.0	0.0	0.0
7	-31.6	0.0	127.8	0.0	0.0	0.0
8	-31.6	0.0	127.8	0.0	0.0	0.0
9	-31.6	0.0	127.8	0.0	0.0	0.0
10	-31.6	0.0	127.8	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

11	-29.3	0.0	118.7	0.0	0.0	0.0
12	-29.3	0.0	118.7	0.0	0.0	0.0
13	-29.3	0.0	118.7	0.0	0.0	0.0
14	-29.3	0.0	118.7	0.0	0.0	0.0
15	-29.3	0.0	118.7	0.0	0.0	0.0
16	-27.0	0.0	109.6	0.0	0.0	0.0
17	-27.0	0.0	109.6	0.0	0.0	0.0
18	-27.0	0.0	109.6	0.0	0.0	0.0
19	-27.0	0.0	109.6	0.0	0.0	0.0
20	-27.0	0.0	109.6	0.0	0.0	0.0
21	-24.7	0.0	100.5	0.0	0.0	0.0
22	-24.7	0.0	100.5	0.0	0.0	0.0
23	-24.7	0.0	100.5	0.0	0.0	0.0
24	-24.7	0.0	100.5	0.0	0.0	0.0
25	-24.7	0.0	100.5	0.0	0.0	0.0
26	56.2	0.0	223.7	0.0	0.0	0.0
27	56.2	0.0	223.7	0.0	0.0	0.0
28	56.2	0.0	223.7	0.0	0.0	0.0
29	56.2	0.0	223.7	0.0	0.0	0.0
30	56.2	0.0	223.7	0.0	0.0	0.0
31	51.6	0.0	205.4	0.0	0.0	0.0
32	51.6	0.0	205.4	0.0	0.0	0.0
33	51.6	0.0	205.4	0.0	0.0	0.0
34	51.6	0.0	205.4	0.0	0.0	0.0
35	51.6	0.0	205.4	0.0	0.0	0.0
36	47.1	0.0	187.2	0.0	0.0	0.0
37	47.1	0.0	187.2	0.0	0.0	0.0
38	47.1	0.0	187.2	0.0	0.0	0.0
39	47.1	0.0	187.2	0.0	0.0	0.0
40	47.1	0.0	187.2	0.0	0.0	0.0
41	44.8	0.0	178.1	0.0	0.0	0.0
42	44.8	0.0	178.1	0.0	0.0	0.0
43	44.8	0.0	178.1	0.0	0.0	0.0
44	44.8	0.0	178.1	0.0	0.0	0.0
45	44.8	0.0	178.1	0.0	0.0	0.0
46	42.6	0.0	169.0	0.0	0.0	0.0
47	42.6	0.0	169.0	0.0	0.0	0.0
48	42.6	0.0	169.0	0.0	0.0	0.0
49	42.6	0.0	169.0	0.0	0.0	0.0
50	42.6	0.0	169.0	0.0	0.0	0.0
51	40.3	0.0	159.9	0.0	0.0	0.0
52	40.3	0.0	159.9	0.0	0.0	0.0
53	40.3	0.0	159.9	0.0	0.0	0.0
54	40.3	0.0	159.9	0.0	0.0	0.0
55	40.3	0.0	159.9	0.0	0.0	0.0
56	38.0	0.0	150.8	0.0	0.0	0.0
57	38.0	0.0	150.8	0.0	0.0	0.0
58	38.0	0.0	150.8	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

59	38.0	0.0	150.8	0.0	0.0	0.0
60	38.0	0.0	150.8	0.0	0.0	0.0
61	-33.8	0.0	136.9	0.0	0.0	0.0
62	-33.8	0.0	136.9	0.0	0.0	0.0
63	-33.8	0.0	136.9	0.0	0.0	0.0
64	-33.8	0.0	136.9	0.0	0.0	0.0
65	-33.8	0.0	136.9	0.0	0.0	0.0
66	-31.6	0.0	127.8	0.0	0.0	0.0
67	-31.6	0.0	127.8	0.0	0.0	0.0
68	-31.6	0.0	127.8	0.0	0.0	0.0
69	-31.6	0.0	127.8	0.0	0.0	0.0
70	-31.6	0.0	127.8	0.0	0.0	0.0
71	-29.3	0.0	118.7	0.0	0.0	0.0
72	-29.3	0.0	118.7	0.0	0.0	0.0
73	-29.3	0.0	118.7	0.0	0.0	0.0
74	-29.3	0.0	118.7	0.0	0.0	0.0
75	-29.3	0.0	118.7	0.0	0.0	0.0
76	-27.0	0.0	109.6	0.0	0.0	0.0
77	-27.0	0.0	109.6	0.0	0.0	0.0
78	-27.0	0.0	109.6	0.0	0.0	0.0
79	-27.0	0.0	109.6	0.0	0.0	0.0
80	-27.0	0.0	109.6	0.0	0.0	0.0
81	-24.7	0.0	100.5	0.0	0.0	0.0
82	-24.7	0.0	100.5	0.0	0.0	0.0
83	-24.7	0.0	100.5	0.0	0.0	0.0
84	-24.7	0.0	100.5	0.0	0.0	0.0
85	-24.7	0.0	100.5	0.0	0.0	0.0
86	56.2	0.0	223.7	0.0	0.0	0.0
87	56.2	0.0	223.7	0.0	0.0	0.0
88	56.2	0.0	223.7	0.0	0.0	0.0
89	56.2	0.0	223.7	0.0	0.0	0.0
90	56.2	0.0	223.7	0.0	0.0	0.0
91	51.6	0.0	205.4	0.0	0.0	0.0
92	51.6	0.0	205.4	0.0	0.0	0.0
93	51.6	0.0	205.4	0.0	0.0	0.0
94	51.6	0.0	205.4	0.0	0.0	0.0
95	51.6	0.0	205.4	0.0	0.0	0.0
96	47.1	0.0	187.2	0.0	0.0	0.0
97	47.1	0.0	187.2	0.0	0.0	0.0
98	47.1	0.0	187.2	0.0	0.0	0.0
99	47.1	0.0	187.2	0.0	0.0	0.0
100	47.1	0.0	187.2	0.0	0.0	0.0
101	44.8	0.0	178.1	0.0	0.0	0.0
102	44.8	0.0	178.1	0.0	0.0	0.0
103	44.8	0.0	178.1	0.0	0.0	0.0
104	44.8	0.0	178.1	0.0	0.0	0.0
105	44.8	0.0	178.1	0.0	0.0	0.0
106	42.6	0.0	169.0	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

107	42.6	0.0	169.0	0.0	0.0	0.0
108	42.6	0.0	169.0	0.0	0.0	0.0
109	42.6	0.0	169.0	0.0	0.0	0.0
110	42.6	0.0	169.0	0.0	0.0	0.0
111	40.3	0.0	159.9	0.0	0.0	0.0
112	40.3	0.0	159.9	0.0	0.0	0.0
113	40.3	0.0	159.9	0.0	0.0	0.0
114	40.3	0.0	159.9	0.0	0.0	0.0
115	40.3	0.0	159.9	0.0	0.0	0.0
116	38.0	0.0	150.8	0.0	0.0	0.0
117	38.0	0.0	150.8	0.0	0.0	0.0
118	38.0	0.0	150.8	0.0	0.0	0.0
119	38.0	0.0	150.8	0.0	0.0	0.0
120	38.0	0.0	150.8	0.0	0.0	0.0
121	-33.8	0.0	136.9	0.0	0.0	0.0
122	-33.8	0.0	136.9	0.0	0.0	0.0
123	-33.8	0.0	136.9	0.0	0.0	0.0
124	-33.8	0.0	136.9	0.0	0.0	0.0
125	-33.8	0.0	136.9	0.0	0.0	0.0
126	-33.8	0.0	136.9	0.0	0.0	0.0
127	-33.8	0.0	136.9	0.0	0.0	0.0
128	-29.3	0.0	118.7	0.0	0.0	0.0
129	-29.3	0.0	118.7	0.0	0.0	0.0
130	-29.3	0.0	118.7	0.0	0.0	0.0
131	-29.3	0.0	118.7	0.0	0.0	0.0
132	-29.3	0.0	118.7	0.0	0.0	0.0
133	-29.3	0.0	118.7	0.0	0.0	0.0
134	-29.3	0.0	118.7	0.0	0.0	0.0
135	-24.7	0.0	100.5	0.0	0.0	0.0
136	-24.7	0.0	100.5	0.0	0.0	0.0
137	-24.7	0.0	100.5	0.0	0.0	0.0
138	-24.7	0.0	100.5	0.0	0.0	0.0
139	-24.7	0.0	100.5	0.0	0.0	0.0
140	-24.7	0.0	100.5	0.0	0.0	0.0
141	-24.7	0.0	100.5	0.0	0.0	0.0
142	56.2	0.0	223.7	0.0	0.0	0.0
143	56.2	0.0	223.7	0.0	0.0	0.0
144	56.2	0.0	223.7	0.0	0.0	0.0
145	56.2	0.0	223.7	0.0	0.0	0.0
146	56.2	0.0	223.7	0.0	0.0	0.0
147	56.2	0.0	223.7	0.0	0.0	0.0
148	56.2	0.0	223.7	0.0	0.0	0.0
149	51.6	0.0	205.4	0.0	0.0	0.0
150	51.6	0.0	205.4	0.0	0.0	0.0
151	51.6	0.0	205.4	0.0	0.0	0.0
152	51.6	0.0	205.4	0.0	0.0	0.0
153	51.6	0.0	205.4	0.0	0.0	0.0
154	51.6	0.0	205.4	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

155	51.6	0.0	205.4	0.0	0.0	0.0
156	47.1	0.0	187.2	0.0	0.0	0.0
157	47.1	0.0	187.2	0.0	0.0	0.0
158	47.1	0.0	187.2	0.0	0.0	0.0
159	47.1	0.0	187.2	0.0	0.0	0.0
160	47.1	0.0	187.2	0.0	0.0	0.0
161	47.1	0.0	187.2	0.0	0.0	0.0
162	47.1	0.0	187.2	0.0	0.0	0.0
163	42.6	0.0	169.0	0.0	0.0	0.0
164	42.6	0.0	169.0	0.0	0.0	0.0
165	42.6	0.0	169.0	0.0	0.0	0.0
166	42.6	0.0	169.0	0.0	0.0	0.0
167	42.6	0.0	169.0	0.0	0.0	0.0
168	42.6	0.0	169.0	0.0	0.0	0.0
169	42.6	0.0	169.0	0.0	0.0	0.0
170	38.0	0.0	150.8	0.0	0.0	0.0
171	38.0	0.0	150.8	0.0	0.0	0.0
172	38.0	0.0	150.8	0.0	0.0	0.0
173	38.0	0.0	150.8	0.0	0.0	0.0
174	38.0	0.0	150.8	0.0	0.0	0.0
175	38.0	0.0	150.8	0.0	0.0	0.0
176	38.0	0.0	150.8	0.0	0.0	0.0
177	-31.6	0.0	127.8	0.0	0.0	0.0
178	-29.4	0.0	119.1	0.0	0.0	0.0
179	-27.1	0.0	110.0	0.0	0.0	0.0
180	-24.9	0.0	100.9	0.0	0.0	0.0
181	56.3	0.0	224.1	0.0	0.0	0.0
182	51.8	0.0	205.9	0.0	0.0	0.0
183	47.2	0.0	187.7	0.0	0.0	0.0
184	44.9	0.0	178.6	0.0	0.0	0.0
185	42.7	0.0	169.5	0.0	0.0	0.0
186	40.4	0.0	160.4	0.0	0.0	0.0
187	-29.4	0.0	119.1	0.0	0.0	0.0
188	-27.1	0.0	110.0	0.0	0.0	0.0
189	-24.9	0.0	100.9	0.0	0.0	0.0
190	56.3	0.0	224.1	0.0	0.0	0.0
191	51.8	0.0	205.9	0.0	0.0	0.0
192	47.2	0.0	187.7	0.0	0.0	0.0
193	44.9	0.0	178.6	0.0	0.0	0.0
194	42.7	0.0	169.5	0.0	0.0	0.0
195	40.4	0.0	160.4	0.0	0.0	0.0
196	-31.6	0.0	127.8	0.0	0.0	0.0
197	-29.4	0.0	119.1	0.0	0.0	0.0
198	-27.1	0.0	110.0	0.0	0.0	0.0
199	-24.9	0.0	100.9	0.0	0.0	0.0
200	56.3	0.0	224.1	0.0	0.0	0.0
201	51.8	0.0	205.9	0.0	0.0	0.0
202	47.2	0.0	187.7	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

203	44.9	0.0	178.6	0.0	0.0	0.0
204	42.7	0.0	169.5	0.0	0.0	0.0
205	40.4	0.0	160.4	0.0	0.0	0.0
206	-29.4	0.0	119.1	0.0	0.0	0.0
207	-27.1	0.0	110.0	0.0	0.0	0.0
208	-24.9	0.0	100.9	0.0	0.0	0.0
209	56.3	0.0	224.1	0.0	0.0	0.0
210	51.8	0.0	205.9	0.0	0.0	0.0
211	47.2	0.0	187.7	0.0	0.0	0.0
212	44.9	0.0	178.6	0.0	0.0	0.0
213	42.7	0.0	169.5	0.0	0.0	0.0
214	40.4	0.0	160.4	0.0	0.0	0.0
215	-27.0	0.0	109.6	0.0	0.0	0.0
216	-24.7	0.0	100.5	0.0	0.0	0.0
217	-24.7	0.0	100.5	0.0	0.0	0.0
218	42.6	0.0	169.0	0.0	0.0	0.0
219	56.2	0.0	223.7	0.0	0.0	0.0
220	51.6	0.0	205.4	0.0	0.0	0.0
221	47.1	0.0	187.2	0.0	0.0	0.0
222	44.8	0.0	178.1	0.0	0.0	0.0
223	56.2	0.0	223.7	0.0	0.0	0.0
224	51.6	0.0	205.4	0.0	0.0	0.0
225	47.1	0.0	187.2	0.0	0.0	0.0
226	44.8	0.0	178.1	0.0	0.0	0.0
227	56.2	0.0	223.7	0.0	0.0	0.0
228	51.6	0.0	205.4	0.0	0.0	0.0
229	47.1	0.0	187.2	0.0	0.0	0.0
230	44.8	0.0	178.1	0.0	0.0	0.0
231	-27.0	0.0	109.6	0.0	0.0	0.0
232	-24.7	0.0	100.5	0.0	0.0	0.0
233	-24.7	0.0	100.5	0.0	0.0	0.0
234	42.6	0.0	169.0	0.0	0.0	0.0
235	56.2	0.0	223.7	0.0	0.0	0.0
236	51.6	0.0	205.4	0.0	0.0	0.0
237	47.1	0.0	187.2	0.0	0.0	0.0
238	44.8	0.0	178.1	0.0	0.0	0.0
239	56.2	0.0	223.7	0.0	0.0	0.0
240	51.6	0.0	205.4	0.0	0.0	0.0
241	47.1	0.0	187.2	0.0	0.0	0.0
242	44.8	0.0	178.1	0.0	0.0	0.0
243	56.2	0.0	223.7	0.0	0.0	0.0
244	51.6	0.0	205.4	0.0	0.0	0.0
245	47.1	0.0	187.2	0.0	0.0	0.0
246	44.8	0.0	178.1	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

PILE	PX K	PY K	PZ K	MX IN-K	MY IN-K	MZ IN-K
1	-33.8	0.0	136.7	0.0	0.0	0.0
2	-33.8	0.0	136.7	0.0	0.0	0.0
3	-33.8	0.0	136.7	0.0	0.0	0.0
4	-33.8	0.0	136.7	0.0	0.0	0.0
5	-33.8	0.0	136.7	0.0	0.0	0.0
6	-31.2	0.0	126.5	0.0	0.0	0.0
7	-31.2	0.0	126.5	0.0	0.0	0.0
8	-31.2	0.0	126.5	0.0	0.0	0.0
9	-31.2	0.0	126.5	0.0	0.0	0.0
10	-31.2	0.0	126.5	0.0	0.0	0.0
11	-28.7	0.0	116.3	0.0	0.0	0.0
12	-28.7	0.0	116.3	0.0	0.0	0.0
13	-28.7	0.0	116.3	0.0	0.0	0.0
14	-28.7	0.0	116.3	0.0	0.0	0.0
15	-28.7	0.0	116.3	0.0	0.0	0.0
16	-26.1	0.0	106.2	0.0	0.0	0.0
17	-26.1	0.0	106.2	0.0	0.0	0.0
18	-26.1	0.0	106.2	0.0	0.0	0.0
19	-26.1	0.0	106.2	0.0	0.0	0.0
20	-26.1	0.0	106.2	0.0	0.0	0.0
21	-23.6	0.0	96.0	0.0	0.0	0.0
22	-23.6	0.0	96.0	0.0	0.0	0.0
23	-23.6	0.0	96.0	0.0	0.0	0.0
24	-23.6	0.0	96.0	0.0	0.0	0.0
25	-23.6	0.0	96.0	0.0	0.0	0.0
26	57.7	0.0	229.5	0.0	0.0	0.0
27	57.7	0.0	229.5	0.0	0.0	0.0
28	57.7	0.0	229.5	0.0	0.0	0.0
29	57.7	0.0	229.5	0.0	0.0	0.0
30	57.7	0.0	229.5	0.0	0.0	0.0
31	52.6	0.0	209.2	0.0	0.0	0.0
32	52.6	0.0	209.2	0.0	0.0	0.0
33	52.6	0.0	209.2	0.0	0.0	0.0
34	52.6	0.0	209.2	0.0	0.0	0.0
35	52.6	0.0	209.2	0.0	0.0	0.0
36	47.5	0.0	188.8	0.0	0.0	0.0
37	47.5	0.0	188.8	0.0	0.0	0.0
38	47.5	0.0	188.8	0.0	0.0	0.0
39	47.5	0.0	188.8	0.0	0.0	0.0
40	47.5	0.0	188.8	0.0	0.0	0.0
41	45.0	0.0	178.7	0.0	0.0	0.0
42	45.0	0.0	178.7	0.0	0.0	0.0
43	45.0	0.0	178.7	0.0	0.0	0.0
44	45.0	0.0	178.7	0.0	0.0	0.0
45	45.0	0.0	178.7	0.0	0.0	0.0



Brazos TMPCPGA.OUT.txt

46	42.4	0.0	168.5	0.0	0.0	0.0
47	42.4	0.0	168.5	0.0	0.0	0.0
48	42.4	0.0	168.5	0.0	0.0	0.0
49	42.4	0.0	168.5	0.0	0.0	0.0
50	42.4	0.0	168.5	0.0	0.0	0.0
51	39.9	0.0	158.3	0.0	0.0	0.0
52	39.9	0.0	158.3	0.0	0.0	0.0
53	39.9	0.0	158.3	0.0	0.0	0.0
54	39.9	0.0	158.3	0.0	0.0	0.0
55	39.9	0.0	158.3	0.0	0.0	0.0
56	37.4	0.0	148.1	0.0	0.0	0.0
57	37.4	0.0	148.1	0.0	0.0	0.0
58	37.4	0.0	148.1	0.0	0.0	0.0
59	37.4	0.0	148.1	0.0	0.0	0.0
60	37.4	0.0	148.1	0.0	0.0	0.0
61	-33.8	0.0	136.7	0.0	0.0	0.0
62	-33.8	0.0	136.7	0.0	0.0	0.0
63	-33.8	0.0	136.7	0.0	0.0	0.0
64	-33.8	0.0	136.7	0.0	0.0	0.0
65	-33.8	0.0	136.7	0.0	0.0	0.0
66	-31.2	0.0	126.5	0.0	0.0	0.0
67	-31.2	0.0	126.5	0.0	0.0	0.0
68	-31.2	0.0	126.5	0.0	0.0	0.0
69	-31.2	0.0	126.5	0.0	0.0	0.0
70	-31.2	0.0	126.5	0.0	0.0	0.0
71	-28.7	0.0	116.3	0.0	0.0	0.0
72	-28.7	0.0	116.3	0.0	0.0	0.0
73	-28.7	0.0	116.3	0.0	0.0	0.0
74	-28.7	0.0	116.3	0.0	0.0	0.0
75	-28.7	0.0	116.3	0.0	0.0	0.0
76	-26.1	0.0	106.2	0.0	0.0	0.0
77	-26.1	0.0	106.2	0.0	0.0	0.0
78	-26.1	0.0	106.2	0.0	0.0	0.0
79	-26.1	0.0	106.2	0.0	0.0	0.0
80	-26.1	0.0	106.2	0.0	0.0	0.0
81	-23.6	0.0	96.0	0.0	0.0	0.0
82	-23.6	0.0	96.0	0.0	0.0	0.0
83	-23.6	0.0	96.0	0.0	0.0	0.0
84	-23.6	0.0	96.0	0.0	0.0	0.0
85	-23.6	0.0	96.0	0.0	0.0	0.0
86	57.7	0.0	229.5	0.0	0.0	0.0
87	57.7	0.0	229.5	0.0	0.0	0.0
88	57.7	0.0	229.5	0.0	0.0	0.0
89	57.7	0.0	229.5	0.0	0.0	0.0
90	57.7	0.0	229.5	0.0	0.0	0.0
91	52.6	0.0	209.2	0.0	0.0	0.0
92	52.6	0.0	209.2	0.0	0.0	0.0
93	52.6	0.0	209.2	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

94	52.6	0.0	209.2	0.0	0.0	0.0
95	52.6	0.0	209.2	0.0	0.0	0.0
96	47.5	0.0	188.8	0.0	0.0	0.0
97	47.5	0.0	188.8	0.0	0.0	0.0
98	47.5	0.0	188.8	0.0	0.0	0.0
99	47.5	0.0	188.8	0.0	0.0	0.0
100	47.5	0.0	188.8	0.0	0.0	0.0
101	45.0	0.0	178.7	0.0	0.0	0.0
102	45.0	0.0	178.7	0.0	0.0	0.0
103	45.0	0.0	178.7	0.0	0.0	0.0
104	45.0	0.0	178.7	0.0	0.0	0.0
105	45.0	0.0	178.7	0.0	0.0	0.0
106	42.4	0.0	168.5	0.0	0.0	0.0
107	42.4	0.0	168.5	0.0	0.0	0.0
108	42.4	0.0	168.5	0.0	0.0	0.0
109	42.4	0.0	168.5	0.0	0.0	0.0
110	42.4	0.0	168.5	0.0	0.0	0.0
111	39.9	0.0	158.3	0.0	0.0	0.0
112	39.9	0.0	158.3	0.0	0.0	0.0
113	39.9	0.0	158.3	0.0	0.0	0.0
114	39.9	0.0	158.3	0.0	0.0	0.0
115	39.9	0.0	158.3	0.0	0.0	0.0
116	37.4	0.0	148.1	0.0	0.0	0.0
117	37.4	0.0	148.1	0.0	0.0	0.0
118	37.4	0.0	148.1	0.0	0.0	0.0
119	37.4	0.0	148.1	0.0	0.0	0.0
120	37.4	0.0	148.1	0.0	0.0	0.0
121	-33.8	0.0	136.7	0.0	0.0	0.0
122	-33.8	0.0	136.7	0.0	0.0	0.0
123	-33.8	0.0	136.7	0.0	0.0	0.0
124	-33.8	0.0	136.7	0.0	0.0	0.0
125	-33.8	0.0	136.7	0.0	0.0	0.0
126	-33.8	0.0	136.7	0.0	0.0	0.0
127	-33.8	0.0	136.7	0.0	0.0	0.0
128	-28.7	0.0	116.3	0.0	0.0	0.0
129	-28.7	0.0	116.3	0.0	0.0	0.0
130	-28.7	0.0	116.3	0.0	0.0	0.0
131	-28.7	0.0	116.3	0.0	0.0	0.0
132	-28.7	0.0	116.3	0.0	0.0	0.0
133	-28.7	0.0	116.3	0.0	0.0	0.0
134	-28.7	0.0	116.3	0.0	0.0	0.0
135	-23.6	0.0	96.0	0.0	0.0	0.0
136	-23.6	0.0	96.0	0.0	0.0	0.0
137	-23.6	0.0	96.0	0.0	0.0	0.0
138	-23.6	0.0	96.0	0.0	0.0	0.0
139	-23.6	0.0	96.0	0.0	0.0	0.0
140	-23.6	0.0	96.0	0.0	0.0	0.0
141	-23.6	0.0	96.0	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

142	57.7	0.0	229.5	0.0	0.0	0.0
143	57.7	0.0	229.5	0.0	0.0	0.0
144	57.7	0.0	229.5	0.0	0.0	0.0
145	57.7	0.0	229.5	0.0	0.0	0.0
146	57.7	0.0	229.5	0.0	0.0	0.0
147	57.7	0.0	229.5	0.0	0.0	0.0
148	57.7	0.0	229.5	0.0	0.0	0.0
149	52.6	0.0	209.2	0.0	0.0	0.0
150	52.6	0.0	209.2	0.0	0.0	0.0
151	52.6	0.0	209.2	0.0	0.0	0.0
152	52.6	0.0	209.2	0.0	0.0	0.0
153	52.6	0.0	209.2	0.0	0.0	0.0
154	52.6	0.0	209.2	0.0	0.0	0.0
155	52.6	0.0	209.2	0.0	0.0	0.0
156	47.5	0.0	188.8	0.0	0.0	0.0
157	47.5	0.0	188.8	0.0	0.0	0.0
158	47.5	0.0	188.8	0.0	0.0	0.0
159	47.5	0.0	188.8	0.0	0.0	0.0
160	47.5	0.0	188.8	0.0	0.0	0.0
161	47.5	0.0	188.8	0.0	0.0	0.0
162	47.5	0.0	188.8	0.0	0.0	0.0
163	42.4	0.0	168.5	0.0	0.0	0.0
164	42.4	0.0	168.5	0.0	0.0	0.0
165	42.4	0.0	168.5	0.0	0.0	0.0
166	42.4	0.0	168.5	0.0	0.0	0.0
167	42.4	0.0	168.5	0.0	0.0	0.0
168	42.4	0.0	168.5	0.0	0.0	0.0
169	42.4	0.0	168.5	0.0	0.0	0.0
170	37.4	0.0	148.1	0.0	0.0	0.0
171	37.4	0.0	148.1	0.0	0.0	0.0
172	37.4	0.0	148.1	0.0	0.0	0.0
173	37.4	0.0	148.1	0.0	0.0	0.0
174	37.4	0.0	148.1	0.0	0.0	0.0
175	37.4	0.0	148.1	0.0	0.0	0.0
176	37.4	0.0	148.1	0.0	0.0	0.0
177	-31.2	0.0	126.5	0.0	0.0	0.0
178	-28.8	0.0	116.9	0.0	0.0	0.0
179	-26.3	0.0	106.7	0.0	0.0	0.0
180	-23.7	0.0	96.5	0.0	0.0	0.0
181	57.8	0.0	230.1	0.0	0.0	0.0
182	52.7	0.0	209.7	0.0	0.0	0.0
183	47.7	0.0	189.4	0.0	0.0	0.0
184	45.1	0.0	179.2	0.0	0.0	0.0
185	42.6	0.0	169.0	0.0	0.0	0.0
186	40.0	0.0	158.9	0.0	0.0	0.0
187	-28.8	0.0	116.9	0.0	0.0	0.0
188	-26.3	0.0	106.7	0.0	0.0	0.0
189	-23.7	0.0	96.5	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

190	57.8	0.0	230.1	0.0	0.0	0.0
191	52.7	0.0	209.7	0.0	0.0	0.0
192	47.7	0.0	189.4	0.0	0.0	0.0
193	45.1	0.0	179.2	0.0	0.0	0.0
194	42.6	0.0	169.0	0.0	0.0	0.0
195	40.0	0.0	158.9	0.0	0.0	0.0
196	-31.2	0.0	126.5	0.0	0.0	0.0
197	-28.8	0.0	116.9	0.0	0.0	0.0
198	-26.3	0.0	106.7	0.0	0.0	0.0
199	-23.7	0.0	96.5	0.0	0.0	0.0
200	57.8	0.0	230.1	0.0	0.0	0.0
201	52.7	0.0	209.7	0.0	0.0	0.0
202	47.7	0.0	189.4	0.0	0.0	0.0
203	45.1	0.0	179.2	0.0	0.0	0.0
204	42.6	0.0	169.0	0.0	0.0	0.0
205	40.0	0.0	158.9	0.0	0.0	0.0
206	-28.8	0.0	116.9	0.0	0.0	0.0
207	-26.3	0.0	106.7	0.0	0.0	0.0
208	-23.7	0.0	96.5	0.0	0.0	0.0
209	57.8	0.0	230.1	0.0	0.0	0.0
210	52.7	0.0	209.7	0.0	0.0	0.0
211	47.7	0.0	189.4	0.0	0.0	0.0
212	45.1	0.0	179.2	0.0	0.0	0.0
213	42.6	0.0	169.0	0.0	0.0	0.0
214	40.0	0.0	158.9	0.0	0.0	0.0
215	-26.1	0.0	106.2	0.0	0.0	0.0
216	-23.6	0.0	96.0	0.0	0.0	0.0
217	-23.6	0.0	96.0	0.0	0.0	0.0
218	42.4	0.0	168.5	0.0	0.0	0.0
219	57.7	0.0	229.5	0.0	0.0	0.0
220	52.6	0.0	209.2	0.0	0.0	0.0
221	47.5	0.0	188.8	0.0	0.0	0.0
222	45.0	0.0	178.7	0.0	0.0	0.0
223	57.7	0.0	229.5	0.0	0.0	0.0
224	52.6	0.0	209.2	0.0	0.0	0.0
225	47.5	0.0	188.8	0.0	0.0	0.0
226	45.0	0.0	178.7	0.0	0.0	0.0
227	57.7	0.0	229.5	0.0	0.0	0.0
228	52.6	0.0	209.2	0.0	0.0	0.0
229	47.5	0.0	188.8	0.0	0.0	0.0
230	45.0	0.0	178.7	0.0	0.0	0.0
231	-26.1	0.0	106.2	0.0	0.0	0.0
232	-23.6	0.0	96.0	0.0	0.0	0.0
233	-23.6	0.0	96.0	0.0	0.0	0.0
234	42.4	0.0	168.5	0.0	0.0	0.0
235	57.7	0.0	229.5	0.0	0.0	0.0
236	52.6	0.0	209.2	0.0	0.0	0.0
237	47.5	0.0	188.8	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

238	45.0	0.0	178.7	0.0	0.0	0.0
239	57.7	0.0	229.5	0.0	0.0	0.0
240	52.6	0.0	209.2	0.0	0.0	0.0
241	47.5	0.0	188.8	0.0	0.0	0.0
242	45.0	0.0	178.7	0.0	0.0	0.0
243	57.7	0.0	229.5	0.0	0.0	0.0
244	52.6	0.0	209.2	0.0	0.0	0.0
245	47.5	0.0	188.8	0.0	0.0	0.0
246	45.0	0.0	178.7	0.0	0.0	0.0

LOAD CASE - 5

PILE	PX K	PY K	PZ K	MX IN-K	MY IN-K	MZ IN-K
1	-41.1	0.0	159.7	0.0	0.0	0.0
2	-41.1	0.0	159.7	0.0	0.0	0.0
3	-41.1	0.0	159.7	0.0	0.0	0.0
4	-41.1	0.0	159.7	0.0	0.0	0.0
5	-41.1	0.0	159.7	0.0	0.0	0.0
6	-52.4	0.0	205.1	0.0	0.0	0.0
7	-52.4	0.0	205.1	0.0	0.0	0.0
8	-52.4	0.0	205.1	0.0	0.0	0.0
9	-52.4	0.0	205.1	0.0	0.0	0.0
10	-52.4	0.0	205.1	0.0	0.0	0.0
11	-63.8	0.0	250.6	0.0	0.0	0.0
12	-63.8	0.0	250.6	0.0	0.0	0.0
13	-63.8	0.0	250.6	0.0	0.0	0.0
14	-63.8	0.0	250.6	0.0	0.0	0.0
15	-63.8	0.0	250.6	0.0	0.0	0.0
16	-75.1	0.0	296.0	0.0	0.0	0.0
17	-75.1	0.0	296.0	0.0	0.0	0.0
18	-75.1	0.0	296.0	0.0	0.0	0.0
19	-75.1	0.0	296.0	0.0	0.0	0.0
20	-75.1	0.0	296.0	0.0	0.0	0.0
21	-86.5	0.0	341.4	0.0	0.0	0.0
22	-86.5	0.0	341.4	0.0	0.0	0.0
23	-86.5	0.0	341.4	0.0	0.0	0.0
24	-86.5	0.0	341.4	0.0	0.0	0.0
25	-86.5	0.0	341.4	0.0	0.0	0.0
26	-17.4	0.0	-64.8	0.0	0.0	0.0
27	-17.4	0.0	-64.8	0.0	0.0	0.0
28	-17.4	0.0	-64.8	0.0	0.0	0.0
29	-17.4	0.0	-64.8	0.0	0.0	0.0
30	-17.4	0.0	-64.8	0.0	0.0	0.0
31	5.3	0.0	26.0	0.0	0.0	0.0
32	5.3	0.0	26.0	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

33	5.3	0.0	26.0	0.0	0.0	0.0
34	5.3	0.0	26.0	0.0	0.0	0.0
35	5.3	0.0	26.0	0.0	0.0	0.0
36	28.0	0.0	116.9	0.0	0.0	0.0
37	28.0	0.0	116.9	0.0	0.0	0.0
38	28.0	0.0	116.9	0.0	0.0	0.0
39	28.0	0.0	116.9	0.0	0.0	0.0
40	28.0	0.0	116.9	0.0	0.0	0.0
41	39.3	0.0	162.3	0.0	0.0	0.0
42	39.3	0.0	162.3	0.0	0.0	0.0
43	39.3	0.0	162.3	0.0	0.0	0.0
44	39.3	0.0	162.3	0.0	0.0	0.0
45	39.3	0.0	162.3	0.0	0.0	0.0
46	50.7	0.0	207.8	0.0	0.0	0.0
47	50.7	0.0	207.8	0.0	0.0	0.0
48	50.7	0.0	207.8	0.0	0.0	0.0
49	50.7	0.0	207.8	0.0	0.0	0.0
50	50.7	0.0	207.8	0.0	0.0	0.0
51	62.0	0.0	253.2	0.0	0.0	0.0
52	62.0	0.0	253.2	0.0	0.0	0.0
53	62.0	0.0	253.2	0.0	0.0	0.0
54	62.0	0.0	253.2	0.0	0.0	0.0
55	62.0	0.0	253.2	0.0	0.0	0.0
56	73.4	0.0	298.6	0.0	0.0	0.0
57	73.4	0.0	298.6	0.0	0.0	0.0
58	73.4	0.0	298.6	0.0	0.0	0.0
59	73.4	0.0	298.6	0.0	0.0	0.0
60	73.4	0.0	298.6	0.0	0.0	0.0
61	-41.1	0.0	159.7	0.0	0.0	0.0
62	-41.1	0.0	159.7	0.0	0.0	0.0
63	-41.1	0.0	159.7	0.0	0.0	0.0
64	-41.1	0.0	159.7	0.0	0.0	0.0
65	-41.1	0.0	159.7	0.0	0.0	0.0
66	-52.4	0.0	205.1	0.0	0.0	0.0
67	-52.4	0.0	205.1	0.0	0.0	0.0
68	-52.4	0.0	205.1	0.0	0.0	0.0
69	-52.4	0.0	205.1	0.0	0.0	0.0
70	-52.4	0.0	205.1	0.0	0.0	0.0
71	-63.8	0.0	250.6	0.0	0.0	0.0
72	-63.8	0.0	250.6	0.0	0.0	0.0
73	-63.8	0.0	250.6	0.0	0.0	0.0
74	-63.8	0.0	250.6	0.0	0.0	0.0
75	-63.8	0.0	250.6	0.0	0.0	0.0
76	-75.1	0.0	296.0	0.0	0.0	0.0
77	-75.1	0.0	296.0	0.0	0.0	0.0
78	-75.1	0.0	296.0	0.0	0.0	0.0
79	-75.1	0.0	296.0	0.0	0.0	0.0
80	-75.1	0.0	296.0	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

81	-86.5	0.0	341.4	0.0	0.0	0.0
82	-86.5	0.0	341.4	0.0	0.0	0.0
83	-86.5	0.0	341.4	0.0	0.0	0.0
84	-86.5	0.0	341.4	0.0	0.0	0.0
85	-86.5	0.0	341.4	0.0	0.0	0.0
86	-17.4	0.0	-64.8	0.0	0.0	0.0
87	-17.4	0.0	-64.8	0.0	0.0	0.0
88	-17.4	0.0	-64.8	0.0	0.0	0.0
89	-17.4	0.0	-64.8	0.0	0.0	0.0
90	-17.4	0.0	-64.8	0.0	0.0	0.0
91	5.3	0.0	26.0	0.0	0.0	0.0
92	5.3	0.0	26.0	0.0	0.0	0.0
93	5.3	0.0	26.0	0.0	0.0	0.0
94	5.3	0.0	26.0	0.0	0.0	0.0
95	5.3	0.0	26.0	0.0	0.0	0.0
96	28.0	0.0	116.9	0.0	0.0	0.0
97	28.0	0.0	116.9	0.0	0.0	0.0
98	28.0	0.0	116.9	0.0	0.0	0.0
99	28.0	0.0	116.9	0.0	0.0	0.0
100	28.0	0.0	116.9	0.0	0.0	0.0
101	39.3	0.0	162.3	0.0	0.0	0.0
102	39.3	0.0	162.3	0.0	0.0	0.0
103	39.3	0.0	162.3	0.0	0.0	0.0
104	39.3	0.0	162.3	0.0	0.0	0.0
105	39.3	0.0	162.3	0.0	0.0	0.0
106	50.7	0.0	207.8	0.0	0.0	0.0
107	50.7	0.0	207.8	0.0	0.0	0.0
108	50.7	0.0	207.8	0.0	0.0	0.0
109	50.7	0.0	207.8	0.0	0.0	0.0
110	50.7	0.0	207.8	0.0	0.0	0.0
111	62.0	0.0	253.2	0.0	0.0	0.0
112	62.0	0.0	253.2	0.0	0.0	0.0
113	62.0	0.0	253.2	0.0	0.0	0.0
114	62.0	0.0	253.2	0.0	0.0	0.0
115	62.0	0.0	253.2	0.0	0.0	0.0
116	73.4	0.0	298.6	0.0	0.0	0.0
117	73.4	0.0	298.6	0.0	0.0	0.0
118	73.4	0.0	298.6	0.0	0.0	0.0
119	73.4	0.0	298.6	0.0	0.0	0.0
120	73.4	0.0	298.6	0.0	0.0	0.0
121	-41.1	0.0	159.7	0.0	0.0	0.0
122	-41.1	0.0	159.7	0.0	0.0	0.0
123	-41.1	0.0	159.7	0.0	0.0	0.0
124	-41.1	0.0	159.7	0.0	0.0	0.0
125	-41.1	0.0	159.7	0.0	0.0	0.0
126	-41.1	0.0	159.7	0.0	0.0	0.0
127	-41.1	0.0	159.7	0.0	0.0	0.0
128	-63.8	0.0	250.6	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

129	-63.8	0.0	250.6	0.0	0.0	0.0
130	-63.8	0.0	250.6	0.0	0.0	0.0
131	-63.8	0.0	250.6	0.0	0.0	0.0
132	-63.8	0.0	250.6	0.0	0.0	0.0
133	-63.8	0.0	250.6	0.0	0.0	0.0
134	-63.8	0.0	250.6	0.0	0.0	0.0
135	-86.5	0.0	341.4	0.0	0.0	0.0
136	-86.5	0.0	341.4	0.0	0.0	0.0
137	-86.5	0.0	341.4	0.0	0.0	0.0
138	-86.5	0.0	341.4	0.0	0.0	0.0
139	-86.5	0.0	341.4	0.0	0.0	0.0
140	-86.5	0.0	341.4	0.0	0.0	0.0
141	-86.5	0.0	341.4	0.0	0.0	0.0
142	-17.4	0.0	-64.8	0.0	0.0	0.0
143	-17.4	0.0	-64.8	0.0	0.0	0.0
144	-17.4	0.0	-64.8	0.0	0.0	0.0
145	-17.4	0.0	-64.8	0.0	0.0	0.0
146	-17.4	0.0	-64.8	0.0	0.0	0.0
147	-17.4	0.0	-64.8	0.0	0.0	0.0
148	-17.4	0.0	-64.8	0.0	0.0	0.0
149	5.3	0.0	26.0	0.0	0.0	0.0
150	5.3	0.0	26.0	0.0	0.0	0.0
151	5.3	0.0	26.0	0.0	0.0	0.0
152	5.3	0.0	26.0	0.0	0.0	0.0
153	5.3	0.0	26.0	0.0	0.0	0.0
154	5.3	0.0	26.0	0.0	0.0	0.0
155	5.3	0.0	26.0	0.0	0.0	0.0
156	28.0	0.0	116.9	0.0	0.0	0.0
157	28.0	0.0	116.9	0.0	0.0	0.0
158	28.0	0.0	116.9	0.0	0.0	0.0
159	28.0	0.0	116.9	0.0	0.0	0.0
160	28.0	0.0	116.9	0.0	0.0	0.0
161	28.0	0.0	116.9	0.0	0.0	0.0
162	28.0	0.0	116.9	0.0	0.0	0.0
163	50.7	0.0	207.8	0.0	0.0	0.0
164	50.7	0.0	207.8	0.0	0.0	0.0
165	50.7	0.0	207.8	0.0	0.0	0.0
166	50.7	0.0	207.8	0.0	0.0	0.0
167	50.7	0.0	207.8	0.0	0.0	0.0
168	50.7	0.0	207.8	0.0	0.0	0.0
169	50.7	0.0	207.8	0.0	0.0	0.0
170	73.4	0.0	298.6	0.0	0.0	0.0
171	73.4	0.0	298.6	0.0	0.0	0.0
172	73.4	0.0	298.6	0.0	0.0	0.0
173	73.4	0.0	298.6	0.0	0.0	0.0
174	73.4	0.0	298.6	0.0	0.0	0.0
175	73.4	0.0	298.6	0.0	0.0	0.0
176	73.4	0.0	298.6	0.0	0.0	0.0



Brazos TMPCPGA.OUT.txt

177	-52.4	0.0	205.1	0.0	0.0	0.0
178	-63.2	0.0	248.2	0.0	0.0	0.0
179	-74.5	0.0	293.6	0.0	0.0	0.0
180	-85.9	0.0	339.0	0.0	0.0	0.0
181	-18.0	0.0	-67.2	0.0	0.0	0.0
182	4.7	0.0	23.7	0.0	0.0	0.0
183	27.4	0.0	114.5	0.0	0.0	0.0
184	38.7	0.0	160.0	0.0	0.0	0.0
185	50.1	0.0	205.4	0.0	0.0	0.0
186	61.4	0.0	250.8	0.0	0.0	0.0
187	-63.2	0.0	248.2	0.0	0.0	0.0
188	-74.5	0.0	293.6	0.0	0.0	0.0
189	-85.9	0.0	339.0	0.0	0.0	0.0
190	-18.0	0.0	-67.2	0.0	0.0	0.0
191	4.7	0.0	23.7	0.0	0.0	0.0
192	27.4	0.0	114.5	0.0	0.0	0.0
193	38.7	0.0	160.0	0.0	0.0	0.0
194	50.1	0.0	205.4	0.0	0.0	0.0
195	61.4	0.0	250.8	0.0	0.0	0.0
196	-52.4	0.0	205.1	0.0	0.0	0.0
197	-63.2	0.0	248.2	0.0	0.0	0.0
198	-74.5	0.0	293.6	0.0	0.0	0.0
199	-85.9	0.0	339.0	0.0	0.0	0.0
200	-18.0	0.0	-67.2	0.0	0.0	0.0
201	4.7	0.0	23.7	0.0	0.0	0.0
202	27.4	0.0	114.5	0.0	0.0	0.0
203	38.7	0.0	160.0	0.0	0.0	0.0
204	50.1	0.0	205.4	0.0	0.0	0.0
205	61.4	0.0	250.8	0.0	0.0	0.0
206	-63.2	0.0	248.2	0.0	0.0	0.0
207	-74.5	0.0	293.6	0.0	0.0	0.0
208	-85.9	0.0	339.0	0.0	0.0	0.0
209	-18.0	0.0	-67.2	0.0	0.0	0.0
210	4.7	0.0	23.7	0.0	0.0	0.0
211	27.4	0.0	114.5	0.0	0.0	0.0
212	38.7	0.0	160.0	0.0	0.0	0.0
213	50.1	0.0	205.4	0.0	0.0	0.0
214	61.4	0.0	250.8	0.0	0.0	0.0
215	-75.1	0.0	296.0	0.0	0.0	0.0
216	-86.5	0.0	341.4	0.0	0.0	0.0
217	-86.5	0.0	341.4	0.0	0.0	0.0
218	50.7	0.0	207.8	0.0	0.0	0.0
219	-17.4	0.0	-64.8	0.0	0.0	0.0
220	5.3	0.0	26.0	0.0	0.0	0.0
221	28.0	0.0	116.9	0.0	0.0	0.0
222	39.3	0.0	162.3	0.0	0.0	0.0
223	-17.4	0.0	-64.8	0.0	0.0	0.0
224	5.3	0.0	26.0	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

225	28.0	0.0	116.9	0.0	0.0	0.0
226	39.3	0.0	162.3	0.0	0.0	0.0
227	-17.4	0.0	-64.8	0.0	0.0	0.0
228	5.3	0.0	26.0	0.0	0.0	0.0
229	28.0	0.0	116.9	0.0	0.0	0.0
230	39.3	0.0	162.3	0.0	0.0	0.0
231	-75.1	0.0	296.0	0.0	0.0	0.0
232	-86.5	0.0	341.4	0.0	0.0	0.0
233	-86.5	0.0	341.4	0.0	0.0	0.0
234	50.7	0.0	207.8	0.0	0.0	0.0
235	-17.4	0.0	-64.8	0.0	0.0	0.0
236	5.3	0.0	26.0	0.0	0.0	0.0
237	28.0	0.0	116.9	0.0	0.0	0.0
238	39.3	0.0	162.3	0.0	0.0	0.0
239	-17.4	0.0	-64.8	0.0	0.0	0.0
240	5.3	0.0	26.0	0.0	0.0	0.0
241	28.0	0.0	116.9	0.0	0.0	0.0
242	39.3	0.0	162.3	0.0	0.0	0.0
243	-17.4	0.0	-64.8	0.0	0.0	0.0
244	5.3	0.0	26.0	0.0	0.0	0.0
245	28.0	0.0	116.9	0.0	0.0	0.0
246	39.3	0.0	162.3	0.0	0.0	0.0

LOAD CASE - 6

PILE	PX K	PY K	PZ K	MX IN-K	MY IN-K	MZ IN-K
1	-41.2	0.0	160.0	0.0	0.0	0.0
2	-41.2	0.0	160.0	0.0	0.0	0.0
3	-41.2	0.0	160.0	0.0	0.0	0.0
4	-41.2	0.0	160.0	0.0	0.0	0.0
5	-41.2	0.0	160.0	0.0	0.0	0.0
6	-53.0	0.0	207.3	0.0	0.0	0.0
7	-53.0	0.0	207.3	0.0	0.0	0.0
8	-53.0	0.0	207.3	0.0	0.0	0.0
9	-53.0	0.0	207.3	0.0	0.0	0.0
10	-53.0	0.0	207.3	0.0	0.0	0.0
11	-64.9	0.0	254.7	0.0	0.0	0.0
12	-64.9	0.0	254.7	0.0	0.0	0.0
13	-64.9	0.0	254.7	0.0	0.0	0.0
14	-64.9	0.0	254.7	0.0	0.0	0.0
15	-64.9	0.0	254.7	0.0	0.0	0.0
16	-76.7	0.0	302.0	0.0	0.0	0.0
17	-76.7	0.0	302.0	0.0	0.0	0.0
18	-76.7	0.0	302.0	0.0	0.0	0.0
19	-76.7	0.0	302.0	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

20	-76.7	0.0	302.0	0.0	0.0	0.0
21	-88.5	0.0	349.3	0.0	0.0	0.0
22	-88.5	0.0	349.3	0.0	0.0	0.0
23	-88.5	0.0	349.3	0.0	0.0	0.0
24	-88.5	0.0	349.3	0.0	0.0	0.0
25	-88.5	0.0	349.3	0.0	0.0	0.0
26	-20.0	0.0	-75.2	0.0	0.0	0.0
27	-20.0	0.0	-75.2	0.0	0.0	0.0
28	-20.0	0.0	-75.2	0.0	0.0	0.0
29	-20.0	0.0	-75.2	0.0	0.0	0.0
30	-20.0	0.0	-75.2	0.0	0.0	0.0
31	3.6	0.0	19.5	0.0	0.0	0.0
32	3.6	0.0	19.5	0.0	0.0	0.0
33	3.6	0.0	19.5	0.0	0.0	0.0
34	3.6	0.0	19.5	0.0	0.0	0.0
35	3.6	0.0	19.5	0.0	0.0	0.0
36	27.2	0.0	114.1	0.0	0.0	0.0
37	27.2	0.0	114.1	0.0	0.0	0.0
38	27.2	0.0	114.1	0.0	0.0	0.0
39	27.2	0.0	114.1	0.0	0.0	0.0
40	27.2	0.0	114.1	0.0	0.0	0.0
41	39.1	0.0	161.4	0.0	0.0	0.0
42	39.1	0.0	161.4	0.0	0.0	0.0
43	39.1	0.0	161.4	0.0	0.0	0.0
44	39.1	0.0	161.4	0.0	0.0	0.0
45	39.1	0.0	161.4	0.0	0.0	0.0
46	50.9	0.0	208.7	0.0	0.0	0.0
47	50.9	0.0	208.7	0.0	0.0	0.0
48	50.9	0.0	208.7	0.0	0.0	0.0
49	50.9	0.0	208.7	0.0	0.0	0.0
50	50.9	0.0	208.7	0.0	0.0	0.0
51	62.7	0.0	256.1	0.0	0.0	0.0
52	62.7	0.0	256.1	0.0	0.0	0.0
53	62.7	0.0	256.1	0.0	0.0	0.0
54	62.7	0.0	256.1	0.0	0.0	0.0
55	62.7	0.0	256.1	0.0	0.0	0.0
56	74.5	0.0	303.4	0.0	0.0	0.0
57	74.5	0.0	303.4	0.0	0.0	0.0
58	74.5	0.0	303.4	0.0	0.0	0.0
59	74.5	0.0	303.4	0.0	0.0	0.0
60	74.5	0.0	303.4	0.0	0.0	0.0
61	-41.2	0.0	160.0	0.0	0.0	0.0
62	-41.2	0.0	160.0	0.0	0.0	0.0
63	-41.2	0.0	160.0	0.0	0.0	0.0
64	-41.2	0.0	160.0	0.0	0.0	0.0
65	-41.2	0.0	160.0	0.0	0.0	0.0
66	-53.0	0.0	207.3	0.0	0.0	0.0
67	-53.0	0.0	207.3	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

68	-53.0	0.0	207.3	0.0	0.0	0.0
69	-53.0	0.0	207.3	0.0	0.0	0.0
70	-53.0	0.0	207.3	0.0	0.0	0.0
71	-64.9	0.0	254.7	0.0	0.0	0.0
72	-64.9	0.0	254.7	0.0	0.0	0.0
73	-64.9	0.0	254.7	0.0	0.0	0.0
74	-64.9	0.0	254.7	0.0	0.0	0.0
75	-64.9	0.0	254.7	0.0	0.0	0.0
76	-76.7	0.0	302.0	0.0	0.0	0.0
77	-76.7	0.0	302.0	0.0	0.0	0.0
78	-76.7	0.0	302.0	0.0	0.0	0.0
79	-76.7	0.0	302.0	0.0	0.0	0.0
80	-76.7	0.0	302.0	0.0	0.0	0.0
81	-88.5	0.0	349.3	0.0	0.0	0.0
82	-88.5	0.0	349.3	0.0	0.0	0.0
83	-88.5	0.0	349.3	0.0	0.0	0.0
84	-88.5	0.0	349.3	0.0	0.0	0.0
85	-88.5	0.0	349.3	0.0	0.0	0.0
86	-20.0	0.0	-75.2	0.0	0.0	0.0
87	-20.0	0.0	-75.2	0.0	0.0	0.0
88	-20.0	0.0	-75.2	0.0	0.0	0.0
89	-20.0	0.0	-75.2	0.0	0.0	0.0
90	-20.0	0.0	-75.2	0.0	0.0	0.0
91	3.6	0.0	19.5	0.0	0.0	0.0
92	3.6	0.0	19.5	0.0	0.0	0.0
93	3.6	0.0	19.5	0.0	0.0	0.0
94	3.6	0.0	19.5	0.0	0.0	0.0
95	3.6	0.0	19.5	0.0	0.0	0.0
96	27.2	0.0	114.1	0.0	0.0	0.0
97	27.2	0.0	114.1	0.0	0.0	0.0
98	27.2	0.0	114.1	0.0	0.0	0.0
99	27.2	0.0	114.1	0.0	0.0	0.0
100	27.2	0.0	114.1	0.0	0.0	0.0
101	39.1	0.0	161.4	0.0	0.0	0.0
102	39.1	0.0	161.4	0.0	0.0	0.0
103	39.1	0.0	161.4	0.0	0.0	0.0
104	39.1	0.0	161.4	0.0	0.0	0.0
105	39.1	0.0	161.4	0.0	0.0	0.0
106	50.9	0.0	208.7	0.0	0.0	0.0
107	50.9	0.0	208.7	0.0	0.0	0.0
108	50.9	0.0	208.7	0.0	0.0	0.0
109	50.9	0.0	208.7	0.0	0.0	0.0
110	50.9	0.0	208.7	0.0	0.0	0.0
111	62.7	0.0	256.1	0.0	0.0	0.0
112	62.7	0.0	256.1	0.0	0.0	0.0
113	62.7	0.0	256.1	0.0	0.0	0.0
114	62.7	0.0	256.1	0.0	0.0	0.0
115	62.7	0.0	256.1	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

116	74.5	0.0	303.4	0.0	0.0	0.0
117	74.5	0.0	303.4	0.0	0.0	0.0
118	74.5	0.0	303.4	0.0	0.0	0.0
119	74.5	0.0	303.4	0.0	0.0	0.0
120	74.5	0.0	303.4	0.0	0.0	0.0
121	-41.2	0.0	160.0	0.0	0.0	0.0
122	-41.2	0.0	160.0	0.0	0.0	0.0
123	-41.2	0.0	160.0	0.0	0.0	0.0
124	-41.2	0.0	160.0	0.0	0.0	0.0
125	-41.2	0.0	160.0	0.0	0.0	0.0
126	-41.2	0.0	160.0	0.0	0.0	0.0
127	-41.2	0.0	160.0	0.0	0.0	0.0
128	-64.9	0.0	254.7	0.0	0.0	0.0
129	-64.9	0.0	254.7	0.0	0.0	0.0
130	-64.9	0.0	254.7	0.0	0.0	0.0
131	-64.9	0.0	254.7	0.0	0.0	0.0
132	-64.9	0.0	254.7	0.0	0.0	0.0
133	-64.9	0.0	254.7	0.0	0.0	0.0
134	-64.9	0.0	254.7	0.0	0.0	0.0
135	-88.5	0.0	349.3	0.0	0.0	0.0
136	-88.5	0.0	349.3	0.0	0.0	0.0
137	-88.5	0.0	349.3	0.0	0.0	0.0
138	-88.5	0.0	349.3	0.0	0.0	0.0
139	-88.5	0.0	349.3	0.0	0.0	0.0
140	-88.5	0.0	349.3	0.0	0.0	0.0
141	-88.5	0.0	349.3	0.0	0.0	0.0
142	-20.0	0.0	-75.2	0.0	0.0	0.0
143	-20.0	0.0	-75.2	0.0	0.0	0.0
144	-20.0	0.0	-75.2	0.0	0.0	0.0
145	-20.0	0.0	-75.2	0.0	0.0	0.0
146	-20.0	0.0	-75.2	0.0	0.0	0.0
147	-20.0	0.0	-75.2	0.0	0.0	0.0
148	-20.0	0.0	-75.2	0.0	0.0	0.0
149	3.6	0.0	19.5	0.0	0.0	0.0
150	3.6	0.0	19.5	0.0	0.0	0.0
151	3.6	0.0	19.5	0.0	0.0	0.0
152	3.6	0.0	19.5	0.0	0.0	0.0
153	3.6	0.0	19.5	0.0	0.0	0.0
154	3.6	0.0	19.5	0.0	0.0	0.0
155	3.6	0.0	19.5	0.0	0.0	0.0
156	27.2	0.0	114.1	0.0	0.0	0.0
157	27.2	0.0	114.1	0.0	0.0	0.0
158	27.2	0.0	114.1	0.0	0.0	0.0
159	27.2	0.0	114.1	0.0	0.0	0.0
160	27.2	0.0	114.1	0.0	0.0	0.0
161	27.2	0.0	114.1	0.0	0.0	0.0
162	27.2	0.0	114.1	0.0	0.0	0.0
163	50.9	0.0	208.7	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

164	50.9	0.0	208.7	0.0	0.0	0.0
165	50.9	0.0	208.7	0.0	0.0	0.0
166	50.9	0.0	208.7	0.0	0.0	0.0
167	50.9	0.0	208.7	0.0	0.0	0.0
168	50.9	0.0	208.7	0.0	0.0	0.0
169	50.9	0.0	208.7	0.0	0.0	0.0
170	74.5	0.0	303.4	0.0	0.0	0.0
171	74.5	0.0	303.4	0.0	0.0	0.0
172	74.5	0.0	303.4	0.0	0.0	0.0
173	74.5	0.0	303.4	0.0	0.0	0.0
174	74.5	0.0	303.4	0.0	0.0	0.0
175	74.5	0.0	303.4	0.0	0.0	0.0
176	74.5	0.0	303.4	0.0	0.0	0.0
177	-53.0	0.0	207.3	0.0	0.0	0.0
178	-64.2	0.0	252.2	0.0	0.0	0.0
179	-76.0	0.0	299.5	0.0	0.0	0.0
180	-87.9	0.0	346.8	0.0	0.0	0.0
181	-20.6	0.0	-77.7	0.0	0.0	0.0
182	3.0	0.0	17.0	0.0	0.0	0.0
183	26.6	0.0	111.6	0.0	0.0	0.0
184	38.4	0.0	158.9	0.0	0.0	0.0
185	50.3	0.0	206.3	0.0	0.0	0.0
186	62.1	0.0	253.6	0.0	0.0	0.0
187	-64.2	0.0	252.2	0.0	0.0	0.0
188	-76.0	0.0	299.5	0.0	0.0	0.0
189	-87.9	0.0	346.8	0.0	0.0	0.0
190	-20.6	0.0	-77.7	0.0	0.0	0.0
191	3.0	0.0	17.0	0.0	0.0	0.0
192	26.6	0.0	111.6	0.0	0.0	0.0
193	38.4	0.0	158.9	0.0	0.0	0.0
194	50.3	0.0	206.3	0.0	0.0	0.0
195	62.1	0.0	253.6	0.0	0.0	0.0
196	-53.0	0.0	207.3	0.0	0.0	0.0
197	-64.2	0.0	252.2	0.0	0.0	0.0
198	-76.0	0.0	299.5	0.0	0.0	0.0
199	-87.9	0.0	346.8	0.0	0.0	0.0
200	-20.6	0.0	-77.7	0.0	0.0	0.0
201	3.0	0.0	17.0	0.0	0.0	0.0
202	26.6	0.0	111.6	0.0	0.0	0.0
203	38.4	0.0	158.9	0.0	0.0	0.0
204	50.3	0.0	206.3	0.0	0.0	0.0
205	62.1	0.0	253.6	0.0	0.0	0.0
206	-64.2	0.0	252.2	0.0	0.0	0.0
207	-76.0	0.0	299.5	0.0	0.0	0.0
208	-87.9	0.0	346.8	0.0	0.0	0.0
209	-20.6	0.0	-77.7	0.0	0.0	0.0
210	3.0	0.0	17.0	0.0	0.0	0.0
211	26.6	0.0	111.6	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

212	38.4	0.0	158.9	0.0	0.0	0.0
213	50.3	0.0	206.3	0.0	0.0	0.0
214	62.1	0.0	253.6	0.0	0.0	0.0
215	-76.7	0.0	302.0	0.0	0.0	0.0
216	-88.5	0.0	349.3	0.0	0.0	0.0
217	-88.5	0.0	349.3	0.0	0.0	0.0
218	50.9	0.0	208.7	0.0	0.0	0.0
219	-20.0	0.0	-75.2	0.0	0.0	0.0
220	3.6	0.0	19.5	0.0	0.0	0.0
221	27.2	0.0	114.1	0.0	0.0	0.0
222	39.1	0.0	161.4	0.0	0.0	0.0
223	-20.0	0.0	-75.2	0.0	0.0	0.0
224	3.6	0.0	19.5	0.0	0.0	0.0
225	27.2	0.0	114.1	0.0	0.0	0.0
226	39.1	0.0	161.4	0.0	0.0	0.0
227	-20.0	0.0	-75.2	0.0	0.0	0.0
228	3.6	0.0	19.5	0.0	0.0	0.0
229	27.2	0.0	114.1	0.0	0.0	0.0
230	39.1	0.0	161.4	0.0	0.0	0.0
231	-76.7	0.0	302.0	0.0	0.0	0.0
232	-88.5	0.0	349.3	0.0	0.0	0.0
233	-88.5	0.0	349.3	0.0	0.0	0.0
234	50.9	0.0	208.7	0.0	0.0	0.0
235	-20.0	0.0	-75.2	0.0	0.0	0.0
236	3.6	0.0	19.5	0.0	0.0	0.0
237	27.2	0.0	114.1	0.0	0.0	0.0
238	39.1	0.0	161.4	0.0	0.0	0.0
239	-20.0	0.0	-75.2	0.0	0.0	0.0
240	3.6	0.0	19.5	0.0	0.0	0.0
241	27.2	0.0	114.1	0.0	0.0	0.0
242	39.1	0.0	161.4	0.0	0.0	0.0
243	-20.0	0.0	-75.2	0.0	0.0	0.0
244	3.6	0.0	19.5	0.0	0.0	0.0
245	27.2	0.0	114.1	0.0	0.0	0.0
246	39.1	0.0	161.4	0.0	0.0	0.0

LOAD CASE - 7

PILE	PX K	PY K	PZ K	MX IN-K	MY IN-K	MZ IN-K
1	-31.5	0.0	129.7	0.0	0.0	0.0
2	-31.5	0.0	129.7	0.0	0.0	0.0
3	-31.5	0.0	129.7	0.0	0.0	0.0
4	-31.5	0.0	129.7	0.0	0.0	0.0
5	-31.5	0.0	129.7	0.0	0.0	0.0
6	-24.1	0.0	100.2	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

7	-24.1	0.0	100.2	0.0	0.0	0.0
8	-24.1	0.0	100.2	0.0	0.0	0.0
9	-24.1	0.0	100.2	0.0	0.0	0.0
10	-24.1	0.0	100.2	0.0	0.0	0.0
11	-16.7	0.0	70.7	0.0	0.0	0.0
12	-16.7	0.0	70.7	0.0	0.0	0.0
13	-16.7	0.0	70.7	0.0	0.0	0.0
14	-16.7	0.0	70.7	0.0	0.0	0.0
15	-16.7	0.0	70.7	0.0	0.0	0.0
16	-9.4	0.0	41.3	0.0	0.0	0.0
17	-9.4	0.0	41.3	0.0	0.0	0.0
18	-9.4	0.0	41.3	0.0	0.0	0.0
19	-9.4	0.0	41.3	0.0	0.0	0.0
20	-9.4	0.0	41.3	0.0	0.0	0.0
21	-2.0	0.0	11.8	0.0	0.0	0.0
22	-2.0	0.0	11.8	0.0	0.0	0.0
23	-2.0	0.0	11.8	0.0	0.0	0.0
24	-2.0	0.0	11.8	0.0	0.0	0.0
25	-2.0	0.0	11.8	0.0	0.0	0.0
26	83.9	0.0	332.5	0.0	0.0	0.0
27	83.9	0.0	332.5	0.0	0.0	0.0
28	83.9	0.0	332.5	0.0	0.0	0.0
29	83.9	0.0	332.5	0.0	0.0	0.0
30	83.9	0.0	332.5	0.0	0.0	0.0
31	69.2	0.0	273.6	0.0	0.0	0.0
32	69.2	0.0	273.6	0.0	0.0	0.0
33	69.2	0.0	273.6	0.0	0.0	0.0
34	69.2	0.0	273.6	0.0	0.0	0.0
35	69.2	0.0	273.6	0.0	0.0	0.0
36	54.5	0.0	214.6	0.0	0.0	0.0
37	54.5	0.0	214.6	0.0	0.0	0.0
38	54.5	0.0	214.6	0.0	0.0	0.0
39	54.5	0.0	214.6	0.0	0.0	0.0
40	54.5	0.0	214.6	0.0	0.0	0.0
41	47.2	0.0	185.2	0.0	0.0	0.0
42	47.2	0.0	185.2	0.0	0.0	0.0
43	47.2	0.0	185.2	0.0	0.0	0.0
44	47.2	0.0	185.2	0.0	0.0	0.0
45	47.2	0.0	185.2	0.0	0.0	0.0
46	39.8	0.0	155.7	0.0	0.0	0.0
47	39.8	0.0	155.7	0.0	0.0	0.0
48	39.8	0.0	155.7	0.0	0.0	0.0
49	39.8	0.0	155.7	0.0	0.0	0.0
50	39.8	0.0	155.7	0.0	0.0	0.0
51	32.4	0.0	126.3	0.0	0.0	0.0
52	32.4	0.0	126.3	0.0	0.0	0.0
53	32.4	0.0	126.3	0.0	0.0	0.0
54	32.4	0.0	126.3	0.0	0.0	0.0



Brazos TMPCPGA.OUT.txt

55	32.4	0.0	126.3	0.0	0.0	0.0
56	25.1	0.0	96.8	0.0	0.0	0.0
57	25.1	0.0	96.8	0.0	0.0	0.0
58	25.1	0.0	96.8	0.0	0.0	0.0
59	25.1	0.0	96.8	0.0	0.0	0.0
60	25.1	0.0	96.8	0.0	0.0	0.0
61	-31.5	0.0	129.7	0.0	0.0	0.0
62	-31.5	0.0	129.7	0.0	0.0	0.0
63	-31.5	0.0	129.7	0.0	0.0	0.0
64	-31.5	0.0	129.7	0.0	0.0	0.0
65	-31.5	0.0	129.7	0.0	0.0	0.0
66	-24.1	0.0	100.2	0.0	0.0	0.0
67	-24.1	0.0	100.2	0.0	0.0	0.0
68	-24.1	0.0	100.2	0.0	0.0	0.0
69	-24.1	0.0	100.2	0.0	0.0	0.0
70	-24.1	0.0	100.2	0.0	0.0	0.0
71	-16.7	0.0	70.7	0.0	0.0	0.0
72	-16.7	0.0	70.7	0.0	0.0	0.0
73	-16.7	0.0	70.7	0.0	0.0	0.0
74	-16.7	0.0	70.7	0.0	0.0	0.0
75	-16.7	0.0	70.7	0.0	0.0	0.0
76	-9.4	0.0	41.3	0.0	0.0	0.0
77	-9.4	0.0	41.3	0.0	0.0	0.0
78	-9.4	0.0	41.3	0.0	0.0	0.0
79	-9.4	0.0	41.3	0.0	0.0	0.0
80	-9.4	0.0	41.3	0.0	0.0	0.0
81	-2.0	0.0	11.8	0.0	0.0	0.0
82	-2.0	0.0	11.8	0.0	0.0	0.0
83	-2.0	0.0	11.8	0.0	0.0	0.0
84	-2.0	0.0	11.8	0.0	0.0	0.0
85	-2.0	0.0	11.8	0.0	0.0	0.0
86	83.9	0.0	332.5	0.0	0.0	0.0
87	83.9	0.0	332.5	0.0	0.0	0.0
88	83.9	0.0	332.5	0.0	0.0	0.0
89	83.9	0.0	332.5	0.0	0.0	0.0
90	83.9	0.0	332.5	0.0	0.0	0.0
91	69.2	0.0	273.6	0.0	0.0	0.0
92	69.2	0.0	273.6	0.0	0.0	0.0
93	69.2	0.0	273.6	0.0	0.0	0.0
94	69.2	0.0	273.6	0.0	0.0	0.0
95	69.2	0.0	273.6	0.0	0.0	0.0
96	54.5	0.0	214.6	0.0	0.0	0.0
97	54.5	0.0	214.6	0.0	0.0	0.0
98	54.5	0.0	214.6	0.0	0.0	0.0
99	54.5	0.0	214.6	0.0	0.0	0.0
100	54.5	0.0	214.6	0.0	0.0	0.0
101	47.2	0.0	185.2	0.0	0.0	0.0
102	47.2	0.0	185.2	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

103	47.2	0.0	185.2	0.0	0.0	0.0
104	47.2	0.0	185.2	0.0	0.0	0.0
105	47.2	0.0	185.2	0.0	0.0	0.0
106	39.8	0.0	155.7	0.0	0.0	0.0
107	39.8	0.0	155.7	0.0	0.0	0.0
108	39.8	0.0	155.7	0.0	0.0	0.0
109	39.8	0.0	155.7	0.0	0.0	0.0
110	39.8	0.0	155.7	0.0	0.0	0.0
111	32.4	0.0	126.3	0.0	0.0	0.0
112	32.4	0.0	126.3	0.0	0.0	0.0
113	32.4	0.0	126.3	0.0	0.0	0.0
114	32.4	0.0	126.3	0.0	0.0	0.0
115	32.4	0.0	126.3	0.0	0.0	0.0
116	25.1	0.0	96.8	0.0	0.0	0.0
117	25.1	0.0	96.8	0.0	0.0	0.0
118	25.1	0.0	96.8	0.0	0.0	0.0
119	25.1	0.0	96.8	0.0	0.0	0.0
120	25.1	0.0	96.8	0.0	0.0	0.0
121	-31.5	0.0	129.7	0.0	0.0	0.0
122	-31.5	0.0	129.7	0.0	0.0	0.0
123	-31.5	0.0	129.7	0.0	0.0	0.0
124	-31.5	0.0	129.7	0.0	0.0	0.0
125	-31.5	0.0	129.7	0.0	0.0	0.0
126	-31.5	0.0	129.7	0.0	0.0	0.0
127	-31.5	0.0	129.7	0.0	0.0	0.0
128	-16.7	0.0	70.7	0.0	0.0	0.0
129	-16.7	0.0	70.7	0.0	0.0	0.0
130	-16.7	0.0	70.7	0.0	0.0	0.0
131	-16.7	0.0	70.7	0.0	0.0	0.0
132	-16.7	0.0	70.7	0.0	0.0	0.0
133	-16.7	0.0	70.7	0.0	0.0	0.0
134	-16.7	0.0	70.7	0.0	0.0	0.0
135	-2.0	0.0	11.8	0.0	0.0	0.0
136	-2.0	0.0	11.8	0.0	0.0	0.0
137	-2.0	0.0	11.8	0.0	0.0	0.0
138	-2.0	0.0	11.8	0.0	0.0	0.0
139	-2.0	0.0	11.8	0.0	0.0	0.0
140	-2.0	0.0	11.8	0.0	0.0	0.0
141	-2.0	0.0	11.8	0.0	0.0	0.0
142	83.9	0.0	332.5	0.0	0.0	0.0
143	83.9	0.0	332.5	0.0	0.0	0.0
144	83.9	0.0	332.5	0.0	0.0	0.0
145	83.9	0.0	332.5	0.0	0.0	0.0
146	83.9	0.0	332.5	0.0	0.0	0.0
147	83.9	0.0	332.5	0.0	0.0	0.0
148	83.9	0.0	332.5	0.0	0.0	0.0
149	69.2	0.0	273.6	0.0	0.0	0.0
150	69.2	0.0	273.6	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

151	69.2	0.0	273.6	0.0	0.0	0.0
152	69.2	0.0	273.6	0.0	0.0	0.0
153	69.2	0.0	273.6	0.0	0.0	0.0
154	69.2	0.0	273.6	0.0	0.0	0.0
155	69.2	0.0	273.6	0.0	0.0	0.0
156	54.5	0.0	214.6	0.0	0.0	0.0
157	54.5	0.0	214.6	0.0	0.0	0.0
158	54.5	0.0	214.6	0.0	0.0	0.0
159	54.5	0.0	214.6	0.0	0.0	0.0
160	54.5	0.0	214.6	0.0	0.0	0.0
161	54.5	0.0	214.6	0.0	0.0	0.0
162	54.5	0.0	214.6	0.0	0.0	0.0
163	39.8	0.0	155.7	0.0	0.0	0.0
164	39.8	0.0	155.7	0.0	0.0	0.0
165	39.8	0.0	155.7	0.0	0.0	0.0
166	39.8	0.0	155.7	0.0	0.0	0.0
167	39.8	0.0	155.7	0.0	0.0	0.0
168	39.8	0.0	155.7	0.0	0.0	0.0
169	39.8	0.0	155.7	0.0	0.0	0.0
170	25.1	0.0	96.8	0.0	0.0	0.0
171	25.1	0.0	96.8	0.0	0.0	0.0
172	25.1	0.0	96.8	0.0	0.0	0.0
173	25.1	0.0	96.8	0.0	0.0	0.0
174	25.1	0.0	96.8	0.0	0.0	0.0
175	25.1	0.0	96.8	0.0	0.0	0.0
176	25.1	0.0	96.8	0.0	0.0	0.0
177	-24.1	0.0	100.2	0.0	0.0	0.0
178	-17.1	0.0	72.3	0.0	0.0	0.0
179	-9.8	0.0	42.8	0.0	0.0	0.0
180	-2.4	0.0	13.4	0.0	0.0	0.0
181	84.3	0.0	334.0	0.0	0.0	0.0
182	69.6	0.0	275.1	0.0	0.0	0.0
183	54.9	0.0	216.2	0.0	0.0	0.0
184	47.5	0.0	186.7	0.0	0.0	0.0
185	40.2	0.0	157.3	0.0	0.0	0.0
186	32.8	0.0	127.8	0.0	0.0	0.0
187	-17.1	0.0	72.3	0.0	0.0	0.0
188	-9.8	0.0	42.8	0.0	0.0	0.0
189	-2.4	0.0	13.4	0.0	0.0	0.0
190	84.3	0.0	334.0	0.0	0.0	0.0
191	69.6	0.0	275.1	0.0	0.0	0.0
192	54.9	0.0	216.2	0.0	0.0	0.0
193	47.5	0.0	186.7	0.0	0.0	0.0
194	40.2	0.0	157.3	0.0	0.0	0.0
195	32.8	0.0	127.8	0.0	0.0	0.0
196	-24.1	0.0	100.2	0.0	0.0	0.0
197	-17.1	0.0	72.3	0.0	0.0	0.0
198	-9.8	0.0	42.8	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

199	-2.4	0.0	13.4	0.0	0.0	0.0
200	84.3	0.0	334.0	0.0	0.0	0.0
201	69.6	0.0	275.1	0.0	0.0	0.0
202	54.9	0.0	216.2	0.0	0.0	0.0
203	47.5	0.0	186.7	0.0	0.0	0.0
204	40.2	0.0	157.3	0.0	0.0	0.0
205	32.8	0.0	127.8	0.0	0.0	0.0
206	-17.1	0.0	72.3	0.0	0.0	0.0
207	-9.8	0.0	42.8	0.0	0.0	0.0
208	-2.4	0.0	13.4	0.0	0.0	0.0
209	84.3	0.0	334.0	0.0	0.0	0.0
210	69.6	0.0	275.1	0.0	0.0	0.0
211	54.9	0.0	216.2	0.0	0.0	0.0
212	47.5	0.0	186.7	0.0	0.0	0.0
213	40.2	0.0	157.3	0.0	0.0	0.0
214	32.8	0.0	127.8	0.0	0.0	0.0
215	-9.4	0.0	41.3	0.0	0.0	0.0
216	-2.0	0.0	11.8	0.0	0.0	0.0
217	-2.0	0.0	11.8	0.0	0.0	0.0
218	39.8	0.0	155.7	0.0	0.0	0.0
219	83.9	0.0	332.5	0.0	0.0	0.0
220	69.2	0.0	273.6	0.0	0.0	0.0
221	54.5	0.0	214.6	0.0	0.0	0.0
222	47.2	0.0	185.2	0.0	0.0	0.0
223	83.9	0.0	332.5	0.0	0.0	0.0
224	69.2	0.0	273.6	0.0	0.0	0.0
225	54.5	0.0	214.6	0.0	0.0	0.0
226	47.2	0.0	185.2	0.0	0.0	0.0
227	83.9	0.0	332.5	0.0	0.0	0.0
228	69.2	0.0	273.6	0.0	0.0	0.0
229	54.5	0.0	214.6	0.0	0.0	0.0
230	47.2	0.0	185.2	0.0	0.0	0.0
231	-9.4	0.0	41.3	0.0	0.0	0.0
232	-2.0	0.0	11.8	0.0	0.0	0.0
233	-2.0	0.0	11.8	0.0	0.0	0.0
234	39.8	0.0	155.7	0.0	0.0	0.0
235	83.9	0.0	332.5	0.0	0.0	0.0
236	69.2	0.0	273.6	0.0	0.0	0.0
237	54.5	0.0	214.6	0.0	0.0	0.0
238	47.2	0.0	185.2	0.0	0.0	0.0
239	83.9	0.0	332.5	0.0	0.0	0.0
240	69.2	0.0	273.6	0.0	0.0	0.0
241	54.5	0.0	214.6	0.0	0.0	0.0
242	47.2	0.0	185.2	0.0	0.0	0.0
243	83.9	0.0	332.5	0.0	0.0	0.0
244	69.2	0.0	273.6	0.0	0.0	0.0
245	54.5	0.0	214.6	0.0	0.0	0.0
246	47.2	0.0	185.2	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

LOAD CASE - 8

PILE	PX K	PY K	PZ K	MX IN-K	MY IN-K	MZ IN-K
1	-4.6	0.0	17.4	0.0	0.0	0.0
2	-4.6	0.0	17.4	0.0	0.0	0.0
3	-4.6	0.0	17.4	0.0	0.0	0.0
4	-4.6	0.0	17.4	0.0	0.0	0.0
5	-4.6	0.0	17.4	0.0	0.0	0.0
6	-8.0	0.0	30.7	0.0	0.0	0.0
7	-8.0	0.0	30.7	0.0	0.0	0.0
8	-8.0	0.0	30.7	0.0	0.0	0.0
9	-8.0	0.0	30.7	0.0	0.0	0.0
10	-8.0	0.0	30.7	0.0	0.0	0.0
11	-11.3	0.0	43.9	0.0	0.0	0.0
12	-11.3	0.0	43.9	0.0	0.0	0.0
13	-11.3	0.0	43.9	0.0	0.0	0.0
14	-11.3	0.0	43.9	0.0	0.0	0.0
15	-11.3	0.0	43.9	0.0	0.0	0.0
16	-14.6	0.0	57.2	0.0	0.0	0.0
17	-14.6	0.0	57.2	0.0	0.0	0.0
18	-14.6	0.0	57.2	0.0	0.0	0.0
19	-14.6	0.0	57.2	0.0	0.0	0.0
20	-14.6	0.0	57.2	0.0	0.0	0.0
21	-17.9	0.0	70.4	0.0	0.0	0.0
22	-17.9	0.0	70.4	0.0	0.0	0.0
23	-17.9	0.0	70.4	0.0	0.0	0.0
24	-17.9	0.0	70.4	0.0	0.0	0.0
25	-17.9	0.0	70.4	0.0	0.0	0.0
26	-6.5	0.0	-24.8	0.0	0.0	0.0
27	-6.5	0.0	-24.8	0.0	0.0	0.0
28	-6.5	0.0	-24.8	0.0	0.0	0.0
29	-6.5	0.0	-24.8	0.0	0.0	0.0
30	-6.5	0.0	-24.8	0.0	0.0	0.0
31	0.1	0.0	1.7	0.0	0.0	0.0
32	0.1	0.0	1.7	0.0	0.0	0.0
33	0.1	0.0	1.7	0.0	0.0	0.0
34	0.1	0.0	1.7	0.0	0.0	0.0
35	0.1	0.0	1.7	0.0	0.0	0.0
36	6.8	0.0	28.2	0.0	0.0	0.0
37	6.8	0.0	28.2	0.0	0.0	0.0
38	6.8	0.0	28.2	0.0	0.0	0.0
39	6.8	0.0	28.2	0.0	0.0	0.0
40	6.8	0.0	28.2	0.0	0.0	0.0
41	10.1	0.0	41.5	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

42	10.1	0.0	41.5	0.0	0.0	0.0
43	10.1	0.0	41.5	0.0	0.0	0.0
44	10.1	0.0	41.5	0.0	0.0	0.0
45	10.1	0.0	41.5	0.0	0.0	0.0
46	13.4	0.0	54.7	0.0	0.0	0.0
47	13.4	0.0	54.7	0.0	0.0	0.0
48	13.4	0.0	54.7	0.0	0.0	0.0
49	13.4	0.0	54.7	0.0	0.0	0.0
50	13.4	0.0	54.7	0.0	0.0	0.0
51	16.7	0.0	68.0	0.0	0.0	0.0
52	16.7	0.0	68.0	0.0	0.0	0.0
53	16.7	0.0	68.0	0.0	0.0	0.0
54	16.7	0.0	68.0	0.0	0.0	0.0
55	16.7	0.0	68.0	0.0	0.0	0.0
56	20.0	0.0	81.3	0.0	0.0	0.0
57	20.0	0.0	81.3	0.0	0.0	0.0
58	20.0	0.0	81.3	0.0	0.0	0.0
59	20.0	0.0	81.3	0.0	0.0	0.0
60	20.0	0.0	81.3	0.0	0.0	0.0
61	-4.6	0.0	17.4	0.0	0.0	0.0
62	-4.6	0.0	17.4	0.0	0.0	0.0
63	-4.6	0.0	17.4	0.0	0.0	0.0
64	-4.6	0.0	17.4	0.0	0.0	0.0
65	-4.6	0.0	17.4	0.0	0.0	0.0
66	-8.0	0.0	30.7	0.0	0.0	0.0
67	-8.0	0.0	30.7	0.0	0.0	0.0
68	-8.0	0.0	30.7	0.0	0.0	0.0
69	-8.0	0.0	30.7	0.0	0.0	0.0
70	-8.0	0.0	30.7	0.0	0.0	0.0
71	-11.3	0.0	43.9	0.0	0.0	0.0
72	-11.3	0.0	43.9	0.0	0.0	0.0
73	-11.3	0.0	43.9	0.0	0.0	0.0
74	-11.3	0.0	43.9	0.0	0.0	0.0
75	-11.3	0.0	43.9	0.0	0.0	0.0
76	-14.6	0.0	57.2	0.0	0.0	0.0
77	-14.6	0.0	57.2	0.0	0.0	0.0
78	-14.6	0.0	57.2	0.0	0.0	0.0
79	-14.6	0.0	57.2	0.0	0.0	0.0
80	-14.6	0.0	57.2	0.0	0.0	0.0
81	-17.9	0.0	70.4	0.0	0.0	0.0
82	-17.9	0.0	70.4	0.0	0.0	0.0
83	-17.9	0.0	70.4	0.0	0.0	0.0
84	-17.9	0.0	70.4	0.0	0.0	0.0
85	-17.9	0.0	70.4	0.0	0.0	0.0
86	-6.5	0.0	-24.8	0.0	0.0	0.0
87	-6.5	0.0	-24.8	0.0	0.0	0.0
88	-6.5	0.0	-24.8	0.0	0.0	0.0
89	-6.5	0.0	-24.8	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

90	-6.5	0.0	-24.8	0.0	0.0	0.0
91	0.1	0.0	1.7	0.0	0.0	0.0
92	0.1	0.0	1.7	0.0	0.0	0.0
93	0.1	0.0	1.7	0.0	0.0	0.0
94	0.1	0.0	1.7	0.0	0.0	0.0
95	0.1	0.0	1.7	0.0	0.0	0.0
96	6.8	0.0	28.2	0.0	0.0	0.0
97	6.8	0.0	28.2	0.0	0.0	0.0
98	6.8	0.0	28.2	0.0	0.0	0.0
99	6.8	0.0	28.2	0.0	0.0	0.0
100	6.8	0.0	28.2	0.0	0.0	0.0
101	10.1	0.0	41.5	0.0	0.0	0.0
102	10.1	0.0	41.5	0.0	0.0	0.0
103	10.1	0.0	41.5	0.0	0.0	0.0
104	10.1	0.0	41.5	0.0	0.0	0.0
105	10.1	0.0	41.5	0.0	0.0	0.0
106	13.4	0.0	54.7	0.0	0.0	0.0
107	13.4	0.0	54.7	0.0	0.0	0.0
108	13.4	0.0	54.7	0.0	0.0	0.0
109	13.4	0.0	54.7	0.0	0.0	0.0
110	13.4	0.0	54.7	0.0	0.0	0.0
111	16.7	0.0	68.0	0.0	0.0	0.0
112	16.7	0.0	68.0	0.0	0.0	0.0
113	16.7	0.0	68.0	0.0	0.0	0.0
114	16.7	0.0	68.0	0.0	0.0	0.0
115	16.7	0.0	68.0	0.0	0.0	0.0
116	20.0	0.0	81.3	0.0	0.0	0.0
117	20.0	0.0	81.3	0.0	0.0	0.0
118	20.0	0.0	81.3	0.0	0.0	0.0
119	20.0	0.0	81.3	0.0	0.0	0.0
120	20.0	0.0	81.3	0.0	0.0	0.0
121	-4.6	0.0	17.4	0.0	0.0	0.0
122	-4.6	0.0	17.4	0.0	0.0	0.0
123	-4.6	0.0	17.4	0.0	0.0	0.0
124	-4.6	0.0	17.4	0.0	0.0	0.0
125	-4.6	0.0	17.4	0.0	0.0	0.0
126	-4.6	0.0	17.4	0.0	0.0	0.0
127	-4.6	0.0	17.4	0.0	0.0	0.0
128	-11.3	0.0	43.9	0.0	0.0	0.0
129	-11.3	0.0	43.9	0.0	0.0	0.0
130	-11.3	0.0	43.9	0.0	0.0	0.0
131	-11.3	0.0	43.9	0.0	0.0	0.0
132	-11.3	0.0	43.9	0.0	0.0	0.0
133	-11.3	0.0	43.9	0.0	0.0	0.0
134	-11.3	0.0	43.9	0.0	0.0	0.0
135	-17.9	0.0	70.4	0.0	0.0	0.0
136	-17.9	0.0	70.4	0.0	0.0	0.0
137	-17.9	0.0	70.4	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

138	-17.9	0.0	70.4	0.0	0.0	0.0
139	-17.9	0.0	70.4	0.0	0.0	0.0
140	-17.9	0.0	70.4	0.0	0.0	0.0
141	-17.9	0.0	70.4	0.0	0.0	0.0
142	-6.5	0.0	-24.8	0.0	0.0	0.0
143	-6.5	0.0	-24.8	0.0	0.0	0.0
144	-6.5	0.0	-24.8	0.0	0.0	0.0
145	-6.5	0.0	-24.8	0.0	0.0	0.0
146	-6.5	0.0	-24.8	0.0	0.0	0.0
147	-6.5	0.0	-24.8	0.0	0.0	0.0
148	-6.5	0.0	-24.8	0.0	0.0	0.0
149	0.1	0.0	1.7	0.0	0.0	0.0
150	0.1	0.0	1.7	0.0	0.0	0.0
151	0.1	0.0	1.7	0.0	0.0	0.0
152	0.1	0.0	1.7	0.0	0.0	0.0
153	0.1	0.0	1.7	0.0	0.0	0.0
154	0.1	0.0	1.7	0.0	0.0	0.0
155	0.1	0.0	1.7	0.0	0.0	0.0
156	6.8	0.0	28.2	0.0	0.0	0.0
157	6.8	0.0	28.2	0.0	0.0	0.0
158	6.8	0.0	28.2	0.0	0.0	0.0
159	6.8	0.0	28.2	0.0	0.0	0.0
160	6.8	0.0	28.2	0.0	0.0	0.0
161	6.8	0.0	28.2	0.0	0.0	0.0
162	6.8	0.0	28.2	0.0	0.0	0.0
163	13.4	0.0	54.7	0.0	0.0	0.0
164	13.4	0.0	54.7	0.0	0.0	0.0
165	13.4	0.0	54.7	0.0	0.0	0.0
166	13.4	0.0	54.7	0.0	0.0	0.0
167	13.4	0.0	54.7	0.0	0.0	0.0
168	13.4	0.0	54.7	0.0	0.0	0.0
169	13.4	0.0	54.7	0.0	0.0	0.0
170	20.0	0.0	81.3	0.0	0.0	0.0
171	20.0	0.0	81.3	0.0	0.0	0.0
172	20.0	0.0	81.3	0.0	0.0	0.0
173	20.0	0.0	81.3	0.0	0.0	0.0
174	20.0	0.0	81.3	0.0	0.0	0.0
175	20.0	0.0	81.3	0.0	0.0	0.0
176	20.0	0.0	81.3	0.0	0.0	0.0
177	-8.0	0.0	30.7	0.0	0.0	0.0
178	-11.1	0.0	43.2	0.0	0.0	0.0
179	-14.4	0.0	56.5	0.0	0.0	0.0
180	-17.7	0.0	69.7	0.0	0.0	0.0
181	-6.7	0.0	-25.5	0.0	0.0	0.0
182	0.0	0.0	1.0	0.0	0.0	0.0
183	6.6	0.0	27.5	0.0	0.0	0.0
184	9.9	0.0	40.8	0.0	0.0	0.0
185	13.2	0.0	54.0	0.0	0.0	0.0



Brazos TMPCPGA.OUT.txt

186	16.5	0.0	67.3	0.0	0.0	0.0
187	-11.1	0.0	43.2	0.0	0.0	0.0
188	-14.4	0.0	56.5	0.0	0.0	0.0
189	-17.7	0.0	69.7	0.0	0.0	0.0
190	-6.7	0.0	-25.5	0.0	0.0	0.0
191	0.0	0.0	1.0	0.0	0.0	0.0
192	6.6	0.0	27.5	0.0	0.0	0.0
193	9.9	0.0	40.8	0.0	0.0	0.0
194	13.2	0.0	54.0	0.0	0.0	0.0
195	16.5	0.0	67.3	0.0	0.0	0.0
196	-8.0	0.0	30.7	0.0	0.0	0.0
197	-11.1	0.0	43.2	0.0	0.0	0.0
198	-14.4	0.0	56.5	0.0	0.0	0.0
199	-17.7	0.0	69.7	0.0	0.0	0.0
200	-6.7	0.0	-25.5	0.0	0.0	0.0
201	0.0	0.0	1.0	0.0	0.0	0.0
202	6.6	0.0	27.5	0.0	0.0	0.0
203	9.9	0.0	40.8	0.0	0.0	0.0
204	13.2	0.0	54.0	0.0	0.0	0.0
205	16.5	0.0	67.3	0.0	0.0	0.0
206	-11.1	0.0	43.2	0.0	0.0	0.0
207	-14.4	0.0	56.5	0.0	0.0	0.0
208	-17.7	0.0	69.7	0.0	0.0	0.0
209	-6.7	0.0	-25.5	0.0	0.0	0.0
210	0.0	0.0	1.0	0.0	0.0	0.0
211	6.6	0.0	27.5	0.0	0.0	0.0
212	9.9	0.0	40.8	0.0	0.0	0.0
213	13.2	0.0	54.0	0.0	0.0	0.0
214	16.5	0.0	67.3	0.0	0.0	0.0
215	-14.6	0.0	57.2	0.0	0.0	0.0
216	-17.9	0.0	70.4	0.0	0.0	0.0
217	-17.9	0.0	70.4	0.0	0.0	0.0
218	13.4	0.0	54.7	0.0	0.0	0.0
219	-6.5	0.0	-24.8	0.0	0.0	0.0
220	0.1	0.0	1.7	0.0	0.0	0.0
221	6.8	0.0	28.2	0.0	0.0	0.0
222	10.1	0.0	41.5	0.0	0.0	0.0
223	-6.5	0.0	-24.8	0.0	0.0	0.0
224	0.1	0.0	1.7	0.0	0.0	0.0
225	6.8	0.0	28.2	0.0	0.0	0.0
226	10.1	0.0	41.5	0.0	0.0	0.0
227	-6.5	0.0	-24.8	0.0	0.0	0.0
228	0.1	0.0	1.7	0.0	0.0	0.0
229	6.8	0.0	28.2	0.0	0.0	0.0
230	10.1	0.0	41.5	0.0	0.0	0.0
231	-14.6	0.0	57.2	0.0	0.0	0.0
232	-17.9	0.0	70.4	0.0	0.0	0.0
233	-17.9	0.0	70.4	0.0	0.0	0.0

Brazos TMPCPGA.OUT.txt

234	13.4	0.0	54.7	0.0	0.0	0.0
235	-6.5	0.0	-24.8	0.0	0.0	0.0
236	0.1	0.0	1.7	0.0	0.0	0.0
237	6.8	0.0	28.2	0.0	0.0	0.0
238	10.1	0.0	41.5	0.0	0.0	0.0
239	-6.5	0.0	-24.8	0.0	0.0	0.0
240	0.1	0.0	1.7	0.0	0.0	0.0
241	6.8	0.0	28.2	0.0	0.0	0.0
242	10.1	0.0	41.5	0.0	0.0	0.0
243	-6.5	0.0	-24.8	0.0	0.0	0.0
244	0.1	0.0	1.7	0.0	0.0	0.0
245	6.8	0.0	28.2	0.0	0.0	0.0
246	10.1	0.0	41.5	0.0	0.0	0.0

NO FILES WERE GENERATED DURING THIS RUN.

EAST Colorado River REV1.in

100 GIWW EAST 125 SECTOR GATE W/ 30X5/8 PIPE PILES  
120 PROP 29000 2549 2549 452 2.0 0 ALL  
130 SOIL ES 0.222 LEN 83 0 ALL  
135 PIN ALL  
140 ALLOW R 407 308 1297.75 1297.75 10373.37 10373.37 ALL  
141 FOVSTR 1.33 1.33 2 4 6 7  
142 FOVSTR 1.16 1.16 1 8  
150 BATTER 4 ALL  
160 ANGLE 180 1 TO 25 61 TO 85 121 TO 141 177 TO 180 187 TO 189 215 TO 217  
170 ANGLE 180 196 TO 199 206 TO 208 231 TO 233  
180 ANGLE 0 26 TO 60 86 TO 120 142 TO 176 181 TO 186 190 TO 195  
190 ANGLE 0 200 TO 205 209 TO 214 218 TO 230 234 TO 246  
200 PILE 1 3.70833 -92.5 0  
210 ROW Y 5 1 4 at 10  
220 REPEAT 12 4 at 7.875 3 at 15.75 4 at 7.875  
230 PILE 61 3.70833 92.5 0  
240 ROW Y 5 61 4 at -10  
250 REPEAT 12 4 at 7.875 3 at 15.75 4 at 7.875  
260 PILE 121 3.708333 -39.375 0  
270 ROW Y 7 121 6 AT 13.125  
280 REPEAT 8 7 AT 15.75  
290 PILE 177 11.583 -104.5 0  
300 PILE 178 19.0458 -104.5 0  
310 ROW X 9 178 2 AT 7.875 3 AT 15.75 3 AT 7.875  
320 REPEAT 2 1 AT -12  
330 PILE 196 11.583 104.5 0  
340 PILE 197 19.0458 104.5 0  
350 ROW X 9 197 2 AT 7.875 3 AT 15.75 3 AT 7.875  
360 REPEAT 2 1 AT 12  
370 PILE 215 27.333 -128.5 0  
380 PILE 216 35.208 -128.5 0  
390 PILE 217 35.208 -140.5 0  
400 PILE 218 98.208 -128.5 0  
410 PILE 219 50.958 -128.5 0  
420 ROW X 4 219 2 AT 15.75 1 AT 7.875  
440 REPEAT 3 2 AT -12  
450 PILE 231 27.333 128.5 0  
460 PILE 232 35.208 128.5 0  
470 PILE 233 35.208 140.5 0  
480 PILE 234 98.208 128.5 0  
490 PILE 235 50.958 128.5 0  
500 ROW X 4 235 2 AT 15.75 1 AT 7.875  
510 REPEAT 3 2 AT 12  
520 LOAD 1 0 0 65640 0 -3940000 0  
530 LOAD 2 -652 0 65640 0 -3926000 0  
540 LOAD 3 4650 0 39530 0 -2538000 0  
550 LOAD 4 4774 0 39530 0 -2542000 0  
560 LOAD 5 -1540 0 42380 0 -2498000 0

EAST Colorado River REV1.in

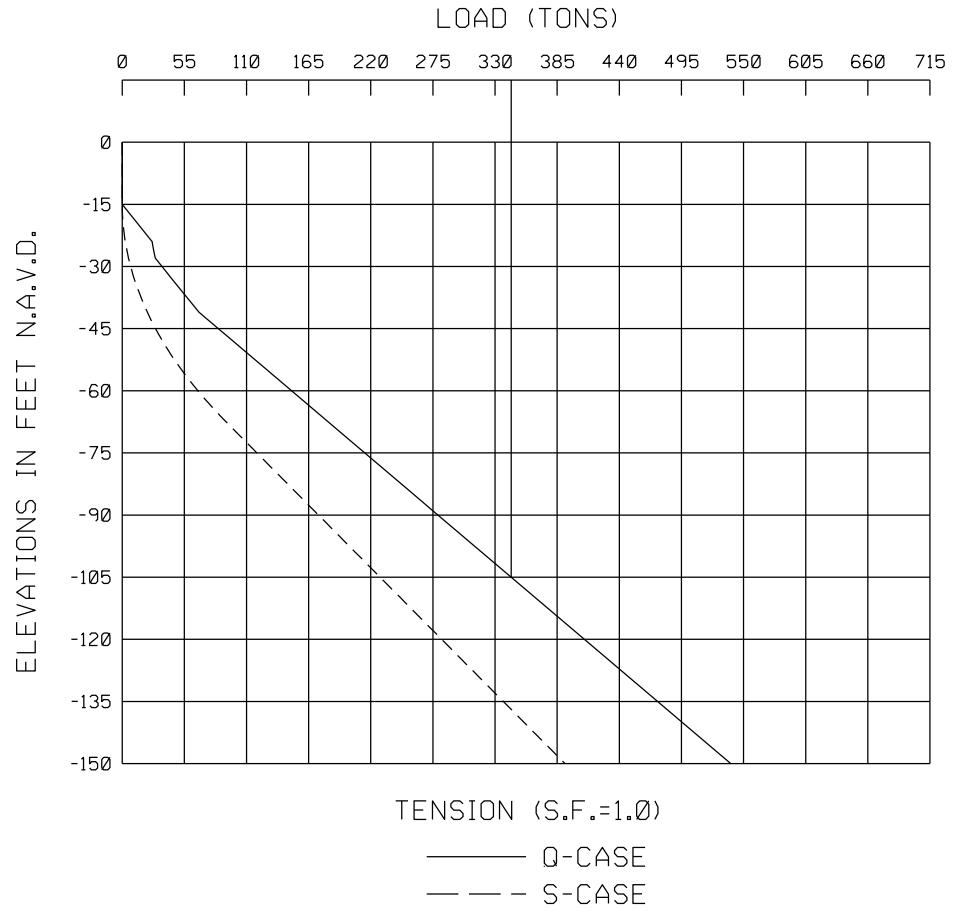
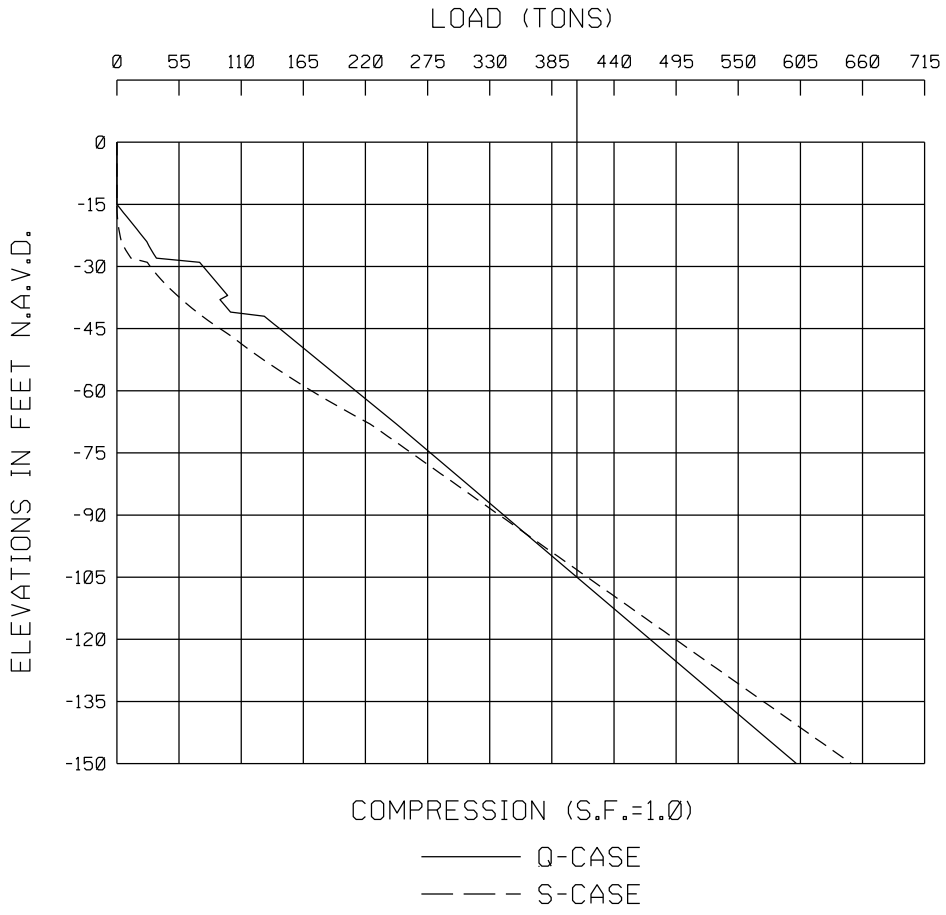
570 LOAD 6 -1758 0 42380 0 -2491000 0

580 LOAD 7 6975 0 38760 0 -2570000 0

590 LOAD 8 0 0 8799 0 -597000 0

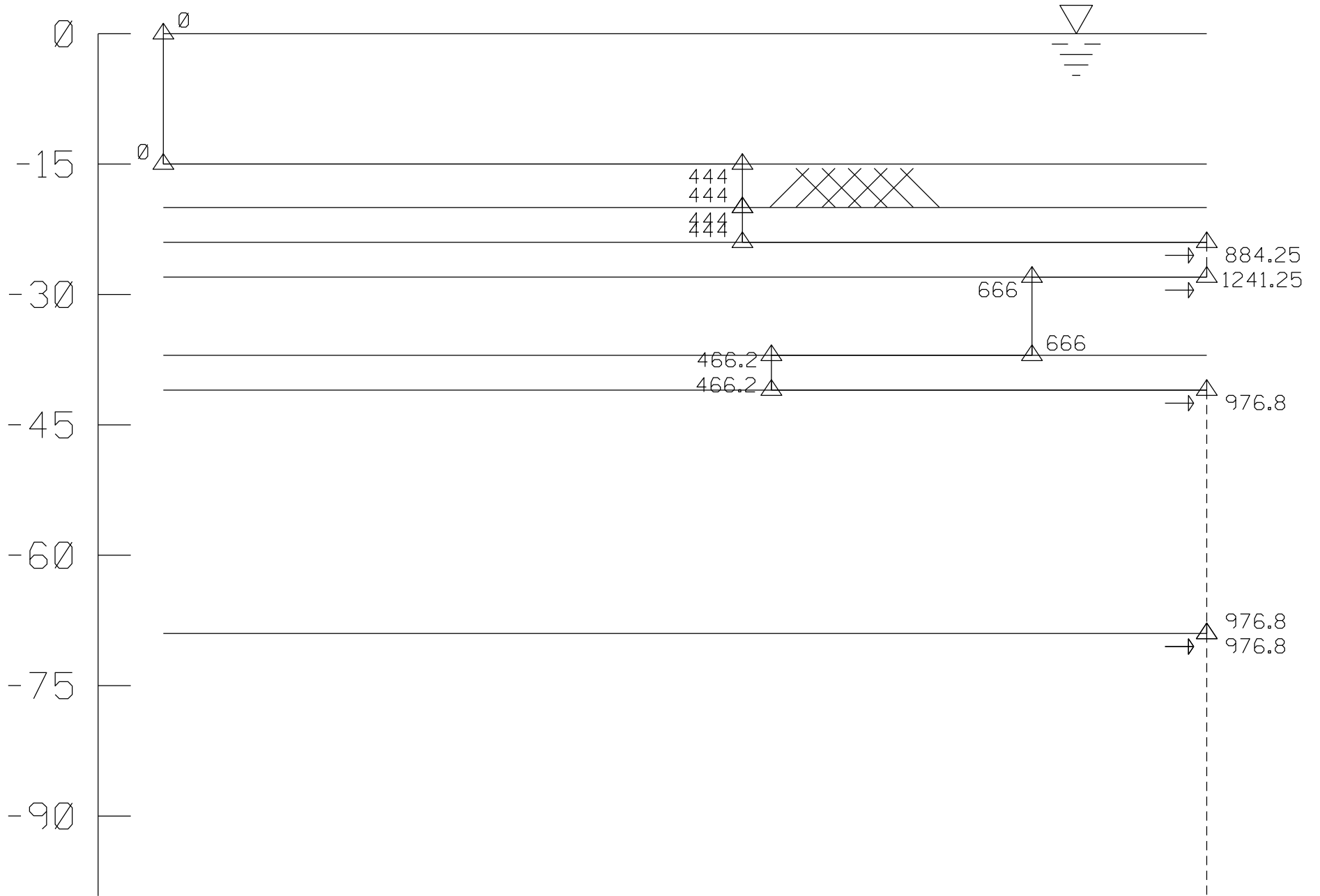
640 FOUT 1 2 3 4 5 6 7 CRLEAST.OUT

650 PFO ALL



# KHB (PSI)

0 100 200 300 400 500 600 700 800



EAST REV1 CRL TMPCPGA.OUT.txt  
CPGA - CASE PILE GROUP ANALYSIS PROGRAM  
RUN DATE: 28-SEP-18 RUN TIME: 08:25:41

FOR PILES WITH UNSUPPORTED HEIGHT:

- A. CPGA CANNOT CALCULATE PMAXMOM FOR NH TYPE SOIL
- B. THE ALLOWABLE STRESS CHECKS, ASC AND AST, ARE NOT FULLY DEVELOPED FOR UNSUPPORTED PILES.  
WORK IS IN PROGRESS TO COMPLETE THIS ASPECT OF CPGA.

ELASTIC CENTER LOCATION IS NOT COMPUTED FOR 3-DIMENSIONAL PROBLEMS.

GIWW EAST 125 SECTOR GATE W/ 30X5/8 PIPE PILES  
DATA UNKNOWN - REJECTED.

THERE ARE 246 PILES AND  
8 LOAD CASES IN THIS RUN.

ALL PILE COORDINATES ARE CONTAINED WITHIN A BOX

	X	Y	Z
	-----	-----	-----
WITH DIAGONAL COORDINATES = (	3.71 ,	-152.50 ,	0.00 )
	( 113.96 ,	152.50 ,	0.00 )

\*\*\*\*\*

PILE PROPERTIES AS INPUT

E	I1	I2	A	C33	B66
KSI	IN**4	IN**4	IN**2		
0.29000E+05	0.25490E+04	0.25490E+04	0.45200E+03	0.20000E+01	0.00000E+00

THESE PILE PROPERTIES APPLY TO THE FOLLOWING PILES -

ALL

\*\*\*\*\*

SOIL DESCRIPTIONS AS INPUT

ES	ESOIL	LENGTH	L	LU
	K/IN**2		FT	FT
	0.22200E+00	L	0.83000E+02	0.00000E+00

ESOIL(ORIGINAL)	RGROUP	RCYCLIC
K/IN**2		
0.22200E+00	0.1000E+01	0.1000E+01

THIS SOIL DESCRIPTION APPLIES TO THE FOLLOWING PILES -

ALL

\*\*\*\*\*

PILE STIFFNESSES AS CALCULATED FROM PROPERTIES

0.21205E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
0.00000E+00	0.21205E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
0.00000E+00	0.00000E+00	0.26321E+05	0.00000E+00	0.00000E+00	0.00000E+00
0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

THIS MATRIX APPLIES TO THE FOLLOWING PILES -

1

\*\*\*\*\*

PILE GEOMETRY AS INPUT AND/OR GENERATED

NUM	X FT	Y FT	Z FT	BATTER	ANGLE	LENGTH FT	FIXITY
1	3.71	-92.50	0.00	4.00	180.00	83.00	P
2	3.71	-82.50	0.00	4.00	180.00	83.00	P
3	3.71	-72.50	0.00	4.00	180.00	83.00	P
4	3.71	-62.50	0.00	4.00	180.00	83.00	P
5	3.71	-52.50	0.00	4.00	180.00	83.00	P
6	11.58	-92.50	0.00	4.00	180.00	83.00	P
7	11.58	-82.50	0.00	4.00	180.00	83.00	P
8	11.58	-72.50	0.00	4.00	180.00	83.00	P
9	11.58	-62.50	0.00	4.00	180.00	83.00	P
10	11.58	-52.50	0.00	4.00	180.00	83.00	P



EAST REV1 CRL TMPCPGA.OUT.txt

11	19.46	-92.50	0.00	4.00	180.00	83.00	P
12	19.46	-82.50	0.00	4.00	180.00	83.00	P
13	19.46	-72.50	0.00	4.00	180.00	83.00	P
14	19.46	-62.50	0.00	4.00	180.00	83.00	P
15	19.46	-52.50	0.00	4.00	180.00	83.00	P
16	27.33	-92.50	0.00	4.00	180.00	83.00	P
17	27.33	-82.50	0.00	4.00	180.00	83.00	P
18	27.33	-72.50	0.00	4.00	180.00	83.00	P
19	27.33	-62.50	0.00	4.00	180.00	83.00	P
20	27.33	-52.50	0.00	4.00	180.00	83.00	P
21	35.21	-92.50	0.00	4.00	180.00	83.00	P
22	35.21	-82.50	0.00	4.00	180.00	83.00	P
23	35.21	-72.50	0.00	4.00	180.00	83.00	P
24	35.21	-62.50	0.00	4.00	180.00	83.00	P
25	35.21	-52.50	0.00	4.00	180.00	83.00	P
26	50.96	-92.50	0.00	4.00	0.00	83.00	P
27	50.96	-82.50	0.00	4.00	0.00	83.00	P
28	50.96	-72.50	0.00	4.00	0.00	83.00	P
29	50.96	-62.50	0.00	4.00	0.00	83.00	P
30	50.96	-52.50	0.00	4.00	0.00	83.00	P
31	66.71	-92.50	0.00	4.00	0.00	83.00	P
32	66.71	-82.50	0.00	4.00	0.00	83.00	P
33	66.71	-72.50	0.00	4.00	0.00	83.00	P
34	66.71	-62.50	0.00	4.00	0.00	83.00	P
35	66.71	-52.50	0.00	4.00	0.00	83.00	P
36	82.46	-92.50	0.00	4.00	0.00	83.00	P
37	82.46	-82.50	0.00	4.00	0.00	83.00	P
38	82.46	-72.50	0.00	4.00	0.00	83.00	P
39	82.46	-62.50	0.00	4.00	0.00	83.00	P
40	82.46	-52.50	0.00	4.00	0.00	83.00	P
41	90.33	-92.50	0.00	4.00	0.00	83.00	P
42	90.33	-82.50	0.00	4.00	0.00	83.00	P
43	90.33	-72.50	0.00	4.00	0.00	83.00	P
44	90.33	-62.50	0.00	4.00	0.00	83.00	P
45	90.33	-52.50	0.00	4.00	0.00	83.00	P
46	98.21	-92.50	0.00	4.00	0.00	83.00	P
47	98.21	-82.50	0.00	4.00	0.00	83.00	P
48	98.21	-72.50	0.00	4.00	0.00	83.00	P
49	98.21	-62.50	0.00	4.00	0.00	83.00	P
50	98.21	-52.50	0.00	4.00	0.00	83.00	P
51	106.08	-92.50	0.00	4.00	0.00	83.00	P
52	106.08	-82.50	0.00	4.00	0.00	83.00	P
53	106.08	-72.50	0.00	4.00	0.00	83.00	P
54	106.08	-62.50	0.00	4.00	0.00	83.00	P
55	106.08	-52.50	0.00	4.00	0.00	83.00	P
56	113.96	-92.50	0.00	4.00	0.00	83.00	P
57	113.96	-82.50	0.00	4.00	0.00	83.00	P
58	113.96	-72.50	0.00	4.00	0.00	83.00	P

EAST REV1 CRL TMPCPGA.OUT.txt

59	113.96	-62.50	0.00	4.00	0.00	83.00	P
60	113.96	-52.50	0.00	4.00	0.00	83.00	P
61	3.71	92.50	0.00	4.00	180.00	83.00	P
62	3.71	82.50	0.00	4.00	180.00	83.00	P
63	3.71	72.50	0.00	4.00	180.00	83.00	P
64	3.71	62.50	0.00	4.00	180.00	83.00	P
65	3.71	52.50	0.00	4.00	180.00	83.00	P
66	11.58	92.50	0.00	4.00	180.00	83.00	P
67	11.58	82.50	0.00	4.00	180.00	83.00	P
68	11.58	72.50	0.00	4.00	180.00	83.00	P
69	11.58	62.50	0.00	4.00	180.00	83.00	P
70	11.58	52.50	0.00	4.00	180.00	83.00	P
71	19.46	92.50	0.00	4.00	180.00	83.00	P
72	19.46	82.50	0.00	4.00	180.00	83.00	P
73	19.46	72.50	0.00	4.00	180.00	83.00	P
74	19.46	62.50	0.00	4.00	180.00	83.00	P
75	19.46	52.50	0.00	4.00	180.00	83.00	P
76	27.33	92.50	0.00	4.00	180.00	83.00	P
77	27.33	82.50	0.00	4.00	180.00	83.00	P
78	27.33	72.50	0.00	4.00	180.00	83.00	P
79	27.33	62.50	0.00	4.00	180.00	83.00	P
80	27.33	52.50	0.00	4.00	180.00	83.00	P
81	35.21	92.50	0.00	4.00	180.00	83.00	P
82	35.21	82.50	0.00	4.00	180.00	83.00	P
83	35.21	72.50	0.00	4.00	180.00	83.00	P
84	35.21	62.50	0.00	4.00	180.00	83.00	P
85	35.21	52.50	0.00	4.00	180.00	83.00	P
86	50.96	92.50	0.00	4.00	0.00	83.00	P
87	50.96	82.50	0.00	4.00	0.00	83.00	P
88	50.96	72.50	0.00	4.00	0.00	83.00	P
89	50.96	62.50	0.00	4.00	0.00	83.00	P
90	50.96	52.50	0.00	4.00	0.00	83.00	P
91	66.71	92.50	0.00	4.00	0.00	83.00	P
92	66.71	82.50	0.00	4.00	0.00	83.00	P
93	66.71	72.50	0.00	4.00	0.00	83.00	P
94	66.71	62.50	0.00	4.00	0.00	83.00	P
95	66.71	52.50	0.00	4.00	0.00	83.00	P
96	82.46	92.50	0.00	4.00	0.00	83.00	P
97	82.46	82.50	0.00	4.00	0.00	83.00	P
98	82.46	72.50	0.00	4.00	0.00	83.00	P
99	82.46	62.50	0.00	4.00	0.00	83.00	P
100	82.46	52.50	0.00	4.00	0.00	83.00	P
101	90.33	92.50	0.00	4.00	0.00	83.00	P
102	90.33	82.50	0.00	4.00	0.00	83.00	P
103	90.33	72.50	0.00	4.00	0.00	83.00	P
104	90.33	62.50	0.00	4.00	0.00	83.00	P
105	90.33	52.50	0.00	4.00	0.00	83.00	P
106	98.21	92.50	0.00	4.00	0.00	83.00	P

EAST REV1 CRL TMPCPGA.OUT.txt

107	98.21	82.50	0.00	4.00	0.00	83.00	P
108	98.21	72.50	0.00	4.00	0.00	83.00	P
109	98.21	62.50	0.00	4.00	0.00	83.00	P
110	98.21	52.50	0.00	4.00	0.00	83.00	P
111	106.08	92.50	0.00	4.00	0.00	83.00	P
112	106.08	82.50	0.00	4.00	0.00	83.00	P
113	106.08	72.50	0.00	4.00	0.00	83.00	P
114	106.08	62.50	0.00	4.00	0.00	83.00	P
115	106.08	52.50	0.00	4.00	0.00	83.00	P
116	113.96	92.50	0.00	4.00	0.00	83.00	P
117	113.96	82.50	0.00	4.00	0.00	83.00	P
118	113.96	72.50	0.00	4.00	0.00	83.00	P
119	113.96	62.50	0.00	4.00	0.00	83.00	P
120	113.96	52.50	0.00	4.00	0.00	83.00	P
121	3.71	-39.38	0.00	4.00	180.00	83.00	P
122	3.71	-26.25	0.00	4.00	180.00	83.00	P
123	3.71	-13.12	0.00	4.00	180.00	83.00	P
124	3.71	0.00	0.00	4.00	180.00	83.00	P
125	3.71	13.12	0.00	4.00	180.00	83.00	P
126	3.71	26.25	0.00	4.00	180.00	83.00	P
127	3.71	39.38	0.00	4.00	180.00	83.00	P
128	19.46	-39.38	0.00	4.00	180.00	83.00	P
129	19.46	-26.25	0.00	4.00	180.00	83.00	P
130	19.46	-13.12	0.00	4.00	180.00	83.00	P
131	19.46	0.00	0.00	4.00	180.00	83.00	P
132	19.46	13.12	0.00	4.00	180.00	83.00	P
133	19.46	26.25	0.00	4.00	180.00	83.00	P
134	19.46	39.38	0.00	4.00	180.00	83.00	P
135	35.21	-39.38	0.00	4.00	180.00	83.00	P
136	35.21	-26.25	0.00	4.00	180.00	83.00	P
137	35.21	-13.12	0.00	4.00	180.00	83.00	P
138	35.21	0.00	0.00	4.00	180.00	83.00	P
139	35.21	13.12	0.00	4.00	180.00	83.00	P
140	35.21	26.25	0.00	4.00	180.00	83.00	P
141	35.21	39.38	0.00	4.00	180.00	83.00	P
142	50.96	-39.38	0.00	4.00	0.00	83.00	P
143	50.96	-26.25	0.00	4.00	0.00	83.00	P
144	50.96	-13.12	0.00	4.00	0.00	83.00	P
145	50.96	0.00	0.00	4.00	0.00	83.00	P
146	50.96	13.12	0.00	4.00	0.00	83.00	P
147	50.96	26.25	0.00	4.00	0.00	83.00	P
148	50.96	39.38	0.00	4.00	0.00	83.00	P
149	66.71	-39.38	0.00	4.00	0.00	83.00	P
150	66.71	-26.25	0.00	4.00	0.00	83.00	P
151	66.71	-13.12	0.00	4.00	0.00	83.00	P
152	66.71	0.00	0.00	4.00	0.00	83.00	P
153	66.71	13.12	0.00	4.00	0.00	83.00	P
154	66.71	26.25	0.00	4.00	0.00	83.00	P

EAST REV1 CRL TMPCPGA.OUT.txt

155	66.71	39.38	0.00	4.00	0.00	83.00	P
156	82.46	-39.38	0.00	4.00	0.00	83.00	P
157	82.46	-26.25	0.00	4.00	0.00	83.00	P
158	82.46	-13.12	0.00	4.00	0.00	83.00	P
159	82.46	0.00	0.00	4.00	0.00	83.00	P
160	82.46	13.12	0.00	4.00	0.00	83.00	P
161	82.46	26.25	0.00	4.00	0.00	83.00	P
162	82.46	39.38	0.00	4.00	0.00	83.00	P
163	98.21	-39.38	0.00	4.00	0.00	83.00	P
164	98.21	-26.25	0.00	4.00	0.00	83.00	P
165	98.21	-13.12	0.00	4.00	0.00	83.00	P
166	98.21	0.00	0.00	4.00	0.00	83.00	P
167	98.21	13.12	0.00	4.00	0.00	83.00	P
168	98.21	26.25	0.00	4.00	0.00	83.00	P
169	98.21	39.38	0.00	4.00	0.00	83.00	P
170	113.96	-39.38	0.00	4.00	0.00	83.00	P
171	113.96	-26.25	0.00	4.00	0.00	83.00	P
172	113.96	-13.12	0.00	4.00	0.00	83.00	P
173	113.96	0.00	0.00	4.00	0.00	83.00	P
174	113.96	13.12	0.00	4.00	0.00	83.00	P
175	113.96	26.25	0.00	4.00	0.00	83.00	P
176	113.96	39.38	0.00	4.00	0.00	83.00	P
177	11.58	-104.50	0.00	4.00	180.00	83.00	P
178	19.05	-104.50	0.00	4.00	180.00	83.00	P
179	26.92	-104.50	0.00	4.00	180.00	83.00	P
180	34.80	-104.50	0.00	4.00	180.00	83.00	P
181	50.55	-104.50	0.00	4.00	0.00	83.00	P
182	66.30	-104.50	0.00	4.00	0.00	83.00	P
183	82.05	-104.50	0.00	4.00	0.00	83.00	P
184	89.92	-104.50	0.00	4.00	0.00	83.00	P
185	97.80	-104.50	0.00	4.00	0.00	83.00	P
186	105.67	-104.50	0.00	4.00	0.00	83.00	P
187	19.05	-116.50	0.00	4.00	180.00	83.00	P
188	26.92	-116.50	0.00	4.00	180.00	83.00	P
189	34.80	-116.50	0.00	4.00	180.00	83.00	P
190	50.55	-116.50	0.00	4.00	0.00	83.00	P
191	66.30	-116.50	0.00	4.00	0.00	83.00	P
192	82.05	-116.50	0.00	4.00	0.00	83.00	P
193	89.92	-116.50	0.00	4.00	0.00	83.00	P
194	97.80	-116.50	0.00	4.00	0.00	83.00	P
195	105.67	-116.50	0.00	4.00	0.00	83.00	P
196	11.58	104.50	0.00	4.00	180.00	83.00	P
197	19.05	104.50	0.00	4.00	180.00	83.00	P
198	26.92	104.50	0.00	4.00	180.00	83.00	P
199	34.80	104.50	0.00	4.00	180.00	83.00	P
200	50.55	104.50	0.00	4.00	0.00	83.00	P
201	66.30	104.50	0.00	4.00	0.00	83.00	P
202	82.05	104.50	0.00	4.00	0.00	83.00	P

EAST REV1 CRL TMPCPGA.OUT.txt

203	89.92	104.50	0.00	4.00	0.00	83.00	P
204	97.80	104.50	0.00	4.00	0.00	83.00	P
205	105.67	104.50	0.00	4.00	0.00	83.00	P
206	19.05	116.50	0.00	4.00	180.00	83.00	P
207	26.92	116.50	0.00	4.00	180.00	83.00	P
208	34.80	116.50	0.00	4.00	180.00	83.00	P
209	50.55	116.50	0.00	4.00	0.00	83.00	P
210	66.30	116.50	0.00	4.00	0.00	83.00	P
211	82.05	116.50	0.00	4.00	0.00	83.00	P
212	89.92	116.50	0.00	4.00	0.00	83.00	P
213	97.80	116.50	0.00	4.00	0.00	83.00	P
214	105.67	116.50	0.00	4.00	0.00	83.00	P
215	27.33	-128.50	0.00	4.00	180.00	83.00	P
216	35.21	-128.50	0.00	4.00	180.00	83.00	P
217	35.21	-140.50	0.00	4.00	180.00	83.00	P
218	98.21	-128.50	0.00	4.00	0.00	83.00	P
219	50.96	-128.50	0.00	4.00	0.00	83.00	P
220	66.71	-128.50	0.00	4.00	0.00	83.00	P
221	82.46	-128.50	0.00	4.00	0.00	83.00	P
222	90.33	-128.50	0.00	4.00	0.00	83.00	P
223	50.96	-140.50	0.00	4.00	0.00	83.00	P
224	66.71	-140.50	0.00	4.00	0.00	83.00	P
225	82.46	-140.50	0.00	4.00	0.00	83.00	P
226	90.33	-140.50	0.00	4.00	0.00	83.00	P
227	50.96	-152.50	0.00	4.00	0.00	83.00	P
228	66.71	-152.50	0.00	4.00	0.00	83.00	P
229	82.46	-152.50	0.00	4.00	0.00	83.00	P
230	90.33	-152.50	0.00	4.00	0.00	83.00	P
231	27.33	128.50	0.00	4.00	180.00	83.00	P
232	35.21	128.50	0.00	4.00	180.00	83.00	P
233	35.21	140.50	0.00	4.00	180.00	83.00	P
234	98.21	128.50	0.00	4.00	0.00	83.00	P
235	50.96	128.50	0.00	4.00	0.00	83.00	P
236	66.71	128.50	0.00	4.00	0.00	83.00	P
237	82.46	128.50	0.00	4.00	0.00	83.00	P
238	90.33	128.50	0.00	4.00	0.00	83.00	P
239	50.96	140.50	0.00	4.00	0.00	83.00	P
240	66.71	140.50	0.00	4.00	0.00	83.00	P
241	82.46	140.50	0.00	4.00	0.00	83.00	P
242	90.33	140.50	0.00	4.00	0.00	83.00	P
243	50.96	152.50	0.00	4.00	0.00	83.00	P
244	66.71	152.50	0.00	4.00	0.00	83.00	P
245	82.46	152.50	0.00	4.00	0.00	83.00	P
246	90.33	152.50	0.00	4.00	0.00	83.00	P

-----  
20418.00

EAST REV1 CRL TMPCPGA.OUT.txt

\*\*\*\*\*

APPLIED LOADS

LOAD CASE	PX K	PY K	PZ K	MX FT-K	MY FT-K	MZ FT-K	OVERSTRESS COM	TEN
1	0.0	0.0	65640.0	0.0	-3940000.0	0.0	1.16	1.16
2	-652.0	0.0	65640.0	0.0	-3926000.0	0.0	1.33	1.33
3	4650.0	0.0	39530.0	0.0	-2538000.0	0.0		
4	4774.0	0.0	39530.0	0.0	-2542000.0	0.0	1.33	1.33
5	-1540.0	0.0	42380.0	0.0	-2498000.0	0.0		
6	-1758.0	0.0	42380.0	0.0	-2491000.0	0.0	1.33	1.33
7	6975.0	0.0	38760.0	0.0	-2570000.0	0.0	1.33	1.33
8	0.0	0.0	8799.0	0.0	-597000.0	0.0	1.16	1.16

\*\*\*\*\*

ORIGINAL PILE GROUP STIFFNESS MATRIX

0.38579E+06	-0.34261E-02	0.39605E+06	0.55879E-07	-0.81374E+09	-0.86891E+00
-0.34261E-02	0.52165E+04	0.13704E-01	0.00000E+00	-0.34756E+01	0.37672E+07
0.39605E+06	0.13704E-01	0.60945E+07	0.34273E-06	-0.44013E+10	0.34756E+01
0.78231E-07	-0.22204E-15	-0.14901E-07	0.63168E+13	-0.16022E-03	-0.57695E+12
-0.81374E+09	-0.34756E+01	-0.44013E+10	-0.28229E-03	0.42383E+13	-0.11379E+04
-0.86891E+00	0.37672E+07	0.34756E+01	-0.57695E+12	-0.11379E+04	0.40350E+12

246 PILES 8 LOAD CASES

LOAD CASE	1.	NUMBER OF FAILURES =	0.	NUMBER OF PILES IN TENSION =	0.
LOAD CASE	2.	NUMBER OF FAILURES =	0.	NUMBER OF PILES IN TENSION =	27.
LOAD CASE	3.	NUMBER OF FAILURES =	0.	NUMBER OF PILES IN TENSION =	0.
LOAD CASE	4.	NUMBER OF FAILURES =	0.	NUMBER OF PILES IN TENSION =	0.
LOAD CASE	5.	NUMBER OF FAILURES =	0.	NUMBER OF PILES IN TENSION =	27.
LOAD CASE	6.	NUMBER OF FAILURES =	0.	NUMBER OF PILES IN TENSION =	27.
LOAD CASE	7.	NUMBER OF FAILURES =	0.	NUMBER OF PILES IN TENSION =	0.
LOAD CASE	8.	NUMBER OF FAILURES =	0.	NUMBER OF PILES IN TENSION =	27.

\*\*\*\*\*

PILE CAP DISPLACEMENTS

LOAD CASE	DX IN	DY IN	DZ IN	RX RAD	RY RAD	RZ RAD
1	-0.4321E-01	-0.3789E-07	-0.1876E-02	0.2275E-13	-0.2140E-04	0.2490E-12
2	-0.4906E-01	-0.3935E-07	-0.3483E-02	0.2349E-13	-0.2415E-04	0.2572E-12
3	0.1162E-01	-0.1239E-07	0.8611E-02	0.8176E-14	0.3988E-05	0.8951E-13
4	0.1265E-01	-0.1212E-07	0.8881E-02	0.8030E-14	0.4455E-05	0.8792E-13
5	-0.4092E-01	-0.2791E-07	-0.4671E-02	0.1649E-13	-0.1978E-04	0.1805E-12
6	-0.4273E-01	-0.2840E-07	-0.5147E-02	0.1674E-13	-0.2060E-04	0.1833E-12
7	0.3123E-01	-0.6741E-08	0.1362E-01	0.5162E-14	0.1286E-04	0.5652E-13
8	-0.1002E-01	-0.5025E-08	-0.2060E-02	0.2821E-14	-0.5754E-05	0.3089E-13

\*\*\*\*\*

ELASTIC CENTER INFORMATION

ELASTIC CENTER IN PLANE X-Z	X FT	Z FT
	0.00	0.00

\*\*\*\*\*

PILE FORCES IN LOCAL GEOMETRY

M1 & M2 NOT AT PILE HEAD FOR PINNED PILES  
 \* INDICATES PILE FAILURE  
 # INDICATES CBF BASED ON MOMENTS DUE TO  
 (F3\*EMIN) FOR CONCRETE PILES  
 B INDICATES BUCKLING CONTROLS

LOAD CASE -	1							
PILE	F1 K	F2 K	F3 K	M1 IN-K	M2 IN-K	M3 IN-K	ALF	CBF
1	0.9	0.0	252.3	0.0	-55.0	0.0	0.53	0.17
2	0.9	0.0	252.3	0.0	-55.0	0.0	0.53	0.17

EAST REV1 CRL TMPCPGA.OUT.txt

3	0.9	0.0	252.3	0.0	-55.0	0.0	0.53	0.17
4	0.9	0.0	252.3	0.0	-55.0	0.0	0.53	0.17
5	0.9	0.0	252.3	0.0	-55.0	0.0	0.53	0.17
6	0.9	0.0	303.9	0.0	-54.3	0.0	0.64	0.21
7	0.9	0.0	303.9	0.0	-54.3	0.0	0.64	0.21
8	0.9	0.0	303.9	0.0	-54.3	0.0	0.64	0.21
9	0.9	0.0	303.9	0.0	-54.3	0.0	0.64	0.21
10	0.9	0.0	303.9	0.0	-54.3	0.0	0.64	0.21
11	0.9	0.0	355.6	0.0	-53.7	0.0	0.75	0.24
12	0.9	0.0	355.6	0.0	-53.7	0.0	0.75	0.24
13	0.9	0.0	355.6	0.0	-53.7	0.0	0.75	0.24
14	0.9	0.0	355.6	0.0	-53.7	0.0	0.75	0.24
15	0.9	0.0	355.6	0.0	-53.7	0.0	0.75	0.24
16	0.9	0.0	407.2	0.0	-53.1	0.0	0.86	0.27
17	0.9	0.0	407.2	0.0	-53.1	0.0	0.86	0.27
18	0.9	0.0	407.2	0.0	-53.1	0.0	0.86	0.27
19	0.9	0.0	407.2	0.0	-53.1	0.0	0.86	0.27
20	0.9	0.0	407.2	0.0	-53.1	0.0	0.86	0.27
21	0.9	0.0	458.8	0.0	-52.4	0.0	0.97	0.31
22	0.9	0.0	458.8	0.0	-52.4	0.0	0.97	0.31
23	0.9	0.0	458.8	0.0	-52.4	0.0	0.97	0.31
24	0.9	0.0	458.8	0.0	-52.4	0.0	0.97	0.31
25	0.9	0.0	458.8	0.0	-52.4	0.0	0.97	0.31
26	-0.9	0.0	10.4	0.0	58.2	0.0	0.02	0.01
27	-0.9	0.0	10.4	0.0	58.2	0.0	0.02	0.01
28	-0.9	0.0	10.4	0.0	58.2	0.0	0.02	0.01
29	-0.9	0.0	10.4	0.0	58.2	0.0	0.02	0.01
30	-0.9	0.0	10.4	0.0	58.2	0.0	0.02	0.01
31	-1.0	0.0	113.7	0.0	59.5	0.0	0.24	0.08
32	-1.0	0.0	113.7	0.0	59.5	0.0	0.24	0.08
33	-1.0	0.0	113.7	0.0	59.5	0.0	0.24	0.08
34	-1.0	0.0	113.7	0.0	59.5	0.0	0.24	0.08
35	-1.0	0.0	113.7	0.0	59.5	0.0	0.24	0.08
36	-1.0	0.0	217.0	0.0	60.8	0.0	0.46	0.15
37	-1.0	0.0	217.0	0.0	60.8	0.0	0.46	0.15
38	-1.0	0.0	217.0	0.0	60.8	0.0	0.46	0.15
39	-1.0	0.0	217.0	0.0	60.8	0.0	0.46	0.15
40	-1.0	0.0	217.0	0.0	60.8	0.0	0.46	0.15
41	-1.0	0.0	268.6	0.0	61.4	0.0	0.57	0.18
42	-1.0	0.0	268.6	0.0	61.4	0.0	0.57	0.18
43	-1.0	0.0	268.6	0.0	61.4	0.0	0.57	0.18
44	-1.0	0.0	268.6	0.0	61.4	0.0	0.57	0.18
45	-1.0	0.0	268.6	0.0	61.4	0.0	0.57	0.18
46	-1.0	0.0	320.2	0.0	62.1	0.0	0.68	0.22
47	-1.0	0.0	320.2	0.0	62.1	0.0	0.68	0.22
48	-1.0	0.0	320.2	0.0	62.1	0.0	0.68	0.22
49	-1.0	0.0	320.2	0.0	62.1	0.0	0.68	0.22
50	-1.0	0.0	320.2	0.0	62.1	0.0	0.68	0.22



EAST REV1 CRL TMPCPGA.OUT.txt

51	-1.0	0.0	371.9	0.0	62.7	0.0	0.79	0.25
52	-1.0	0.0	371.9	0.0	62.7	0.0	0.79	0.25
53	-1.0	0.0	371.9	0.0	62.7	0.0	0.79	0.25
54	-1.0	0.0	371.9	0.0	62.7	0.0	0.79	0.25
55	-1.0	0.0	371.9	0.0	62.7	0.0	0.79	0.25
56	-1.0	0.0	423.5	0.0	63.4	0.0	0.90	0.29
57	-1.0	0.0	423.5	0.0	63.4	0.0	0.90	0.29
58	-1.0	0.0	423.5	0.0	63.4	0.0	0.90	0.29
59	-1.0	0.0	423.5	0.0	63.4	0.0	0.90	0.29
60	-1.0	0.0	423.5	0.0	63.4	0.0	0.90	0.29
61	0.9	0.0	252.3	0.0	-55.0	0.0	0.53	0.17
62	0.9	0.0	252.3	0.0	-55.0	0.0	0.53	0.17
63	0.9	0.0	252.3	0.0	-55.0	0.0	0.53	0.17
64	0.9	0.0	252.3	0.0	-55.0	0.0	0.53	0.17
65	0.9	0.0	252.3	0.0	-55.0	0.0	0.53	0.17
66	0.9	0.0	303.9	0.0	-54.3	0.0	0.64	0.21
67	0.9	0.0	303.9	0.0	-54.3	0.0	0.64	0.21
68	0.9	0.0	303.9	0.0	-54.3	0.0	0.64	0.21
69	0.9	0.0	303.9	0.0	-54.3	0.0	0.64	0.21
70	0.9	0.0	303.9	0.0	-54.3	0.0	0.64	0.21
71	0.9	0.0	355.6	0.0	-53.7	0.0	0.75	0.24
72	0.9	0.0	355.6	0.0	-53.7	0.0	0.75	0.24
73	0.9	0.0	355.6	0.0	-53.7	0.0	0.75	0.24
74	0.9	0.0	355.6	0.0	-53.7	0.0	0.75	0.24
75	0.9	0.0	355.6	0.0	-53.7	0.0	0.75	0.24
76	0.9	0.0	407.2	0.0	-53.1	0.0	0.86	0.27
77	0.9	0.0	407.2	0.0	-53.1	0.0	0.86	0.27
78	0.9	0.0	407.2	0.0	-53.1	0.0	0.86	0.27
79	0.9	0.0	407.2	0.0	-53.1	0.0	0.86	0.27
80	0.9	0.0	407.2	0.0	-53.1	0.0	0.86	0.27
81	0.9	0.0	458.8	0.0	-52.4	0.0	0.97	0.31
82	0.9	0.0	458.8	0.0	-52.4	0.0	0.97	0.31
83	0.9	0.0	458.8	0.0	-52.4	0.0	0.97	0.31
84	0.9	0.0	458.8	0.0	-52.4	0.0	0.97	0.31
85	0.9	0.0	458.8	0.0	-52.4	0.0	0.97	0.31
86	-0.9	0.0	10.4	0.0	58.2	0.0	0.02	0.01
87	-0.9	0.0	10.4	0.0	58.2	0.0	0.02	0.01
88	-0.9	0.0	10.4	0.0	58.2	0.0	0.02	0.01
89	-0.9	0.0	10.4	0.0	58.2	0.0	0.02	0.01
90	-0.9	0.0	10.4	0.0	58.2	0.0	0.02	0.01
91	-1.0	0.0	113.7	0.0	59.5	0.0	0.24	0.08
92	-1.0	0.0	113.7	0.0	59.5	0.0	0.24	0.08
93	-1.0	0.0	113.7	0.0	59.5	0.0	0.24	0.08
94	-1.0	0.0	113.7	0.0	59.5	0.0	0.24	0.08
95	-1.0	0.0	113.7	0.0	59.5	0.0	0.24	0.08
96	-1.0	0.0	217.0	0.0	60.8	0.0	0.46	0.15
97	-1.0	0.0	217.0	0.0	60.8	0.0	0.46	0.15
98	-1.0	0.0	217.0	0.0	60.8	0.0	0.46	0.15

EAST REV1 CRL TMPCPGA.OUT.txt

99	-1.0	0.0	217.0	0.0	60.8	0.0	0.46	0.15
100	-1.0	0.0	217.0	0.0	60.8	0.0	0.46	0.15
101	-1.0	0.0	268.6	0.0	61.4	0.0	0.57	0.18
102	-1.0	0.0	268.6	0.0	61.4	0.0	0.57	0.18
103	-1.0	0.0	268.6	0.0	61.4	0.0	0.57	0.18
104	-1.0	0.0	268.6	0.0	61.4	0.0	0.57	0.18
105	-1.0	0.0	268.6	0.0	61.4	0.0	0.57	0.18
106	-1.0	0.0	320.2	0.0	62.1	0.0	0.68	0.22
107	-1.0	0.0	320.2	0.0	62.1	0.0	0.68	0.22
108	-1.0	0.0	320.2	0.0	62.1	0.0	0.68	0.22
109	-1.0	0.0	320.2	0.0	62.1	0.0	0.68	0.22
110	-1.0	0.0	320.2	0.0	62.1	0.0	0.68	0.22
111	-1.0	0.0	371.9	0.0	62.7	0.0	0.79	0.25
112	-1.0	0.0	371.9	0.0	62.7	0.0	0.79	0.25
113	-1.0	0.0	371.9	0.0	62.7	0.0	0.79	0.25
114	-1.0	0.0	371.9	0.0	62.7	0.0	0.79	0.25
115	-1.0	0.0	371.9	0.0	62.7	0.0	0.79	0.25
116	-1.0	0.0	423.5	0.0	63.4	0.0	0.90	0.29
117	-1.0	0.0	423.5	0.0	63.4	0.0	0.90	0.29
118	-1.0	0.0	423.5	0.0	63.4	0.0	0.90	0.29
119	-1.0	0.0	423.5	0.0	63.4	0.0	0.90	0.29
120	-1.0	0.0	423.5	0.0	63.4	0.0	0.90	0.29
121	0.9	0.0	252.3	0.0	-55.0	0.0	0.53	0.17
122	0.9	0.0	252.3	0.0	-55.0	0.0	0.53	0.17
123	0.9	0.0	252.3	0.0	-55.0	0.0	0.53	0.17
124	0.9	0.0	252.3	0.0	-55.0	0.0	0.53	0.17
125	0.9	0.0	252.3	0.0	-55.0	0.0	0.53	0.17
126	0.9	0.0	252.3	0.0	-55.0	0.0	0.53	0.17
127	0.9	0.0	252.3	0.0	-55.0	0.0	0.53	0.17
128	0.9	0.0	355.6	0.0	-53.7	0.0	0.75	0.24
129	0.9	0.0	355.6	0.0	-53.7	0.0	0.75	0.24
130	0.9	0.0	355.6	0.0	-53.7	0.0	0.75	0.24
131	0.9	0.0	355.6	0.0	-53.7	0.0	0.75	0.24
132	0.9	0.0	355.6	0.0	-53.7	0.0	0.75	0.24
133	0.9	0.0	355.6	0.0	-53.7	0.0	0.75	0.24
134	0.9	0.0	355.6	0.0	-53.7	0.0	0.75	0.24
135	0.9	0.0	458.8	0.0	-52.4	0.0	0.97	0.31
136	0.9	0.0	458.8	0.0	-52.4	0.0	0.97	0.31
137	0.9	0.0	458.8	0.0	-52.4	0.0	0.97	0.31
138	0.9	0.0	458.8	0.0	-52.4	0.0	0.97	0.31
139	0.9	0.0	458.8	0.0	-52.4	0.0	0.97	0.31
140	0.9	0.0	458.8	0.0	-52.4	0.0	0.97	0.31
141	0.9	0.0	458.8	0.0	-52.4	0.0	0.97	0.31
142	-0.9	0.0	10.4	0.0	58.2	0.0	0.02	0.01
143	-0.9	0.0	10.4	0.0	58.2	0.0	0.02	0.01
144	-0.9	0.0	10.4	0.0	58.2	0.0	0.02	0.01
145	-0.9	0.0	10.4	0.0	58.2	0.0	0.02	0.01
146	-0.9	0.0	10.4	0.0	58.2	0.0	0.02	0.01

EAST REV1 CRL TMPCPGA.OUT.txt

147	-0.9	0.0	10.4	0.0	58.2	0.0	0.02	0.01
148	-0.9	0.0	10.4	0.0	58.2	0.0	0.02	0.01
149	-1.0	0.0	113.7	0.0	59.5	0.0	0.24	0.08
150	-1.0	0.0	113.7	0.0	59.5	0.0	0.24	0.08
151	-1.0	0.0	113.7	0.0	59.5	0.0	0.24	0.08
152	-1.0	0.0	113.7	0.0	59.5	0.0	0.24	0.08
153	-1.0	0.0	113.7	0.0	59.5	0.0	0.24	0.08
154	-1.0	0.0	113.7	0.0	59.5	0.0	0.24	0.08
155	-1.0	0.0	113.7	0.0	59.5	0.0	0.24	0.08
156	-1.0	0.0	217.0	0.0	60.8	0.0	0.46	0.15
157	-1.0	0.0	217.0	0.0	60.8	0.0	0.46	0.15
158	-1.0	0.0	217.0	0.0	60.8	0.0	0.46	0.15
159	-1.0	0.0	217.0	0.0	60.8	0.0	0.46	0.15
160	-1.0	0.0	217.0	0.0	60.8	0.0	0.46	0.15
161	-1.0	0.0	217.0	0.0	60.8	0.0	0.46	0.15
162	-1.0	0.0	217.0	0.0	60.8	0.0	0.46	0.15
163	-1.0	0.0	320.2	0.0	62.1	0.0	0.68	0.22
164	-1.0	0.0	320.2	0.0	62.1	0.0	0.68	0.22
165	-1.0	0.0	320.2	0.0	62.1	0.0	0.68	0.22
166	-1.0	0.0	320.2	0.0	62.1	0.0	0.68	0.22
167	-1.0	0.0	320.2	0.0	62.1	0.0	0.68	0.22
168	-1.0	0.0	320.2	0.0	62.1	0.0	0.68	0.22
169	-1.0	0.0	320.2	0.0	62.1	0.0	0.68	0.22
170	-1.0	0.0	423.5	0.0	63.4	0.0	0.90	0.29
171	-1.0	0.0	423.5	0.0	63.4	0.0	0.90	0.29
172	-1.0	0.0	423.5	0.0	63.4	0.0	0.90	0.29
173	-1.0	0.0	423.5	0.0	63.4	0.0	0.90	0.29
174	-1.0	0.0	423.5	0.0	63.4	0.0	0.90	0.29
175	-1.0	0.0	423.5	0.0	63.4	0.0	0.90	0.29
176	-1.0	0.0	423.5	0.0	63.4	0.0	0.90	0.29
177	0.9	0.0	303.9	0.0	-54.3	0.0	0.64	0.21
178	0.9	0.0	352.8	0.0	-53.7	0.0	0.75	0.24
179	0.9	0.0	404.5	0.0	-53.1	0.0	0.86	0.27
180	0.9	0.0	456.1	0.0	-52.5	0.0	0.97	0.31
181	-0.9	0.0	7.7	0.0	58.2	0.0	0.02	0.01
182	-1.0	0.0	111.0	0.0	59.5	0.0	0.24	0.08
183	-1.0	0.0	214.2	0.0	60.8	0.0	0.45	0.15
184	-1.0	0.0	265.9	0.0	61.4	0.0	0.56	0.18
185	-1.0	0.0	317.5	0.0	62.0	0.0	0.67	0.22
186	-1.0	0.0	369.2	0.0	62.7	0.0	0.78	0.25
187	0.9	0.0	352.8	0.0	-53.7	0.0	0.75	0.24
188	0.9	0.0	404.5	0.0	-53.1	0.0	0.86	0.27
189	0.9	0.0	456.1	0.0	-52.5	0.0	0.97	0.31
190	-0.9	0.0	7.7	0.0	58.2	0.0	0.02	0.01
191	-1.0	0.0	111.0	0.0	59.5	0.0	0.24	0.08
192	-1.0	0.0	214.2	0.0	60.8	0.0	0.45	0.15
193	-1.0	0.0	265.9	0.0	61.4	0.0	0.56	0.18
194	-1.0	0.0	317.5	0.0	62.0	0.0	0.67	0.22

EAST REV1 CRL TMPCPGA.OUT.txt

195	-1.0	0.0	369.2	0.0	62.7	0.0	0.78	0.25
196	0.9	0.0	303.9	0.0	-54.3	0.0	0.64	0.21
197	0.9	0.0	352.8	0.0	-53.7	0.0	0.75	0.24
198	0.9	0.0	404.5	0.0	-53.1	0.0	0.86	0.27
199	0.9	0.0	456.1	0.0	-52.5	0.0	0.97	0.31
200	-0.9	0.0	7.7	0.0	58.2	0.0	0.02	0.01
201	-1.0	0.0	111.0	0.0	59.5	0.0	0.24	0.08
202	-1.0	0.0	214.2	0.0	60.8	0.0	0.45	0.15
203	-1.0	0.0	265.9	0.0	61.4	0.0	0.56	0.18
204	-1.0	0.0	317.5	0.0	62.0	0.0	0.67	0.22
205	-1.0	0.0	369.2	0.0	62.7	0.0	0.78	0.25
206	0.9	0.0	352.8	0.0	-53.7	0.0	0.75	0.24
207	0.9	0.0	404.5	0.0	-53.1	0.0	0.86	0.27
208	0.9	0.0	456.1	0.0	-52.5	0.0	0.97	0.31
209	-0.9	0.0	7.7	0.0	58.2	0.0	0.02	0.01
210	-1.0	0.0	111.0	0.0	59.5	0.0	0.24	0.08
211	-1.0	0.0	214.2	0.0	60.8	0.0	0.45	0.15
212	-1.0	0.0	265.9	0.0	61.4	0.0	0.56	0.18
213	-1.0	0.0	317.5	0.0	62.0	0.0	0.67	0.22
214	-1.0	0.0	369.2	0.0	62.7	0.0	0.78	0.25
215	0.9	0.0	407.2	0.0	-53.1	0.0	0.86	0.27
216	0.9	0.0	458.8	0.0	-52.4	0.0	0.97	0.31
217	0.9	0.0	458.8	0.0	-52.4	0.0	0.97	0.31
218	-1.0	0.0	320.2	0.0	62.1	0.0	0.68	0.22
219	-0.9	0.0	10.4	0.0	58.2	0.0	0.02	0.01
220	-1.0	0.0	113.7	0.0	59.5	0.0	0.24	0.08
221	-1.0	0.0	217.0	0.0	60.8	0.0	0.46	0.15
222	-1.0	0.0	268.6	0.0	61.4	0.0	0.57	0.18
223	-0.9	0.0	10.4	0.0	58.2	0.0	0.02	0.01
224	-1.0	0.0	113.7	0.0	59.5	0.0	0.24	0.08
225	-1.0	0.0	217.0	0.0	60.8	0.0	0.46	0.15
226	-1.0	0.0	268.6	0.0	61.4	0.0	0.57	0.18
227	-0.9	0.0	10.4	0.0	58.2	0.0	0.02	0.01
228	-1.0	0.0	113.7	0.0	59.5	0.0	0.24	0.08
229	-1.0	0.0	217.0	0.0	60.8	0.0	0.46	0.15
230	-1.0	0.0	268.6	0.0	61.4	0.0	0.57	0.18
231	0.9	0.0	407.2	0.0	-53.1	0.0	0.86	0.27
232	0.9	0.0	458.8	0.0	-52.4	0.0	0.97	0.31
233	0.9	0.0	458.8	0.0	-52.4	0.0	0.97	0.31
234	-1.0	0.0	320.2	0.0	62.1	0.0	0.68	0.22
235	-0.9	0.0	10.4	0.0	58.2	0.0	0.02	0.01
236	-1.0	0.0	113.7	0.0	59.5	0.0	0.24	0.08
237	-1.0	0.0	217.0	0.0	60.8	0.0	0.46	0.15
238	-1.0	0.0	268.6	0.0	61.4	0.0	0.57	0.18
239	-0.9	0.0	10.4	0.0	58.2	0.0	0.02	0.01
240	-1.0	0.0	113.7	0.0	59.5	0.0	0.24	0.08
241	-1.0	0.0	217.0	0.0	60.8	0.0	0.46	0.15
242	-1.0	0.0	268.6	0.0	61.4	0.0	0.57	0.18

EAST REV1 CRL TMPCPGA.OUT.txt

243	-0.9	0.0	10.4	0.0	58.2	0.0	0.02	0.01
244	-1.0	0.0	113.7	0.0	59.5	0.0	0.24	0.08
245	-1.0	0.0	217.0	0.0	60.8	0.0	0.46	0.15
246	-1.0	0.0	268.6	0.0	61.4	0.0	0.57	0.18

LOAD CASE - 2

PILE	F1 K	F2 K	F3 K	M1 IN-K	M2 IN-K	M3 IN-K	ALF	CBF
1	1.0	0.0	251.7	0.0	-62.8	0.0	0.46	0.15
2	1.0	0.0	251.7	0.0	-62.8	0.0	0.46	0.15
3	1.0	0.0	251.7	0.0	-62.8	0.0	0.46	0.15
4	1.0	0.0	251.7	0.0	-62.8	0.0	0.46	0.15
5	1.0	0.0	251.7	0.0	-62.8	0.0	0.46	0.15
6	1.0	0.0	309.9	0.0	-62.1	0.0	0.57	0.18
7	1.0	0.0	309.9	0.0	-62.1	0.0	0.57	0.18
8	1.0	0.0	309.9	0.0	-62.1	0.0	0.57	0.18
9	1.0	0.0	309.9	0.0	-62.1	0.0	0.57	0.18
10	1.0	0.0	309.9	0.0	-62.1	0.0	0.57	0.18
11	1.0	0.0	368.2	0.0	-61.4	0.0	0.68	0.22
12	1.0	0.0	368.2	0.0	-61.4	0.0	0.68	0.22
13	1.0	0.0	368.2	0.0	-61.4	0.0	0.68	0.22
14	1.0	0.0	368.2	0.0	-61.4	0.0	0.68	0.22
15	1.0	0.0	368.2	0.0	-61.4	0.0	0.68	0.22
16	1.0	0.0	426.5	0.0	-60.7	0.0	0.79	0.25
17	1.0	0.0	426.5	0.0	-60.7	0.0	0.79	0.25
18	1.0	0.0	426.5	0.0	-60.7	0.0	0.79	0.25
19	1.0	0.0	426.5	0.0	-60.7	0.0	0.79	0.25
20	1.0	0.0	426.5	0.0	-60.7	0.0	0.79	0.25
21	1.0	0.0	484.8	0.0	-60.0	0.0	0.90	0.29
22	1.0	0.0	484.8	0.0	-60.0	0.0	0.90	0.29
23	1.0	0.0	484.8	0.0	-60.0	0.0	0.90	0.29
24	1.0	0.0	484.8	0.0	-60.0	0.0	0.90	0.29
25	1.0	0.0	484.8	0.0	-60.0	0.0	0.90	0.29
26	-1.1	0.0	-25.0	0.0	65.6	0.0	0.06	0.02
27	-1.1	0.0	-25.0	0.0	65.6	0.0	0.06	0.02
28	-1.1	0.0	-25.0	0.0	65.6	0.0	0.06	0.02
29	-1.1	0.0	-25.0	0.0	65.6	0.0	0.06	0.02
30	-1.1	0.0	-25.0	0.0	65.6	0.0	0.06	0.02
31	-1.1	0.0	91.6	0.0	67.1	0.0	0.17	0.06
32	-1.1	0.0	91.6	0.0	67.1	0.0	0.17	0.06
33	-1.1	0.0	91.6	0.0	67.1	0.0	0.17	0.06
34	-1.1	0.0	91.6	0.0	67.1	0.0	0.17	0.06
35	-1.1	0.0	91.6	0.0	67.1	0.0	0.17	0.06
36	-1.1	0.0	208.1	0.0	68.5	0.0	0.38	0.13
37	-1.1	0.0	208.1	0.0	68.5	0.0	0.38	0.13

EAST REV1 CRL TMPCPGA.OUT.txt

38	-1.1	0.0	208.1	0.0	68.5	0.0	0.38	0.13
39	-1.1	0.0	208.1	0.0	68.5	0.0	0.38	0.13
40	-1.1	0.0	208.1	0.0	68.5	0.0	0.38	0.13
41	-1.1	0.0	266.4	0.0	69.3	0.0	0.49	0.16
42	-1.1	0.0	266.4	0.0	69.3	0.0	0.49	0.16
43	-1.1	0.0	266.4	0.0	69.3	0.0	0.49	0.16
44	-1.1	0.0	266.4	0.0	69.3	0.0	0.49	0.16
45	-1.1	0.0	266.4	0.0	69.3	0.0	0.49	0.16
46	-1.1	0.0	324.7	0.0	70.0	0.0	0.60	0.19
47	-1.1	0.0	324.7	0.0	70.0	0.0	0.60	0.19
48	-1.1	0.0	324.7	0.0	70.0	0.0	0.60	0.19
49	-1.1	0.0	324.7	0.0	70.0	0.0	0.60	0.19
50	-1.1	0.0	324.7	0.0	70.0	0.0	0.60	0.19
51	-1.1	0.0	383.0	0.0	70.7	0.0	0.71	0.23
52	-1.1	0.0	383.0	0.0	70.7	0.0	0.71	0.23
53	-1.1	0.0	383.0	0.0	70.7	0.0	0.71	0.23
54	-1.1	0.0	383.0	0.0	70.7	0.0	0.71	0.23
55	-1.1	0.0	383.0	0.0	70.7	0.0	0.71	0.23
56	-1.2	0.0	441.2	0.0	71.4	0.0	0.82	0.26
57	-1.2	0.0	441.2	0.0	71.4	0.0	0.82	0.26
58	-1.2	0.0	441.2	0.0	71.4	0.0	0.82	0.26
59	-1.2	0.0	441.2	0.0	71.4	0.0	0.82	0.26
60	-1.2	0.0	441.2	0.0	71.4	0.0	0.82	0.26
61	1.0	0.0	251.7	0.0	-62.8	0.0	0.46	0.15
62	1.0	0.0	251.7	0.0	-62.8	0.0	0.46	0.15
63	1.0	0.0	251.7	0.0	-62.8	0.0	0.46	0.15
64	1.0	0.0	251.7	0.0	-62.8	0.0	0.46	0.15
65	1.0	0.0	251.7	0.0	-62.8	0.0	0.46	0.15
66	1.0	0.0	309.9	0.0	-62.1	0.0	0.57	0.18
67	1.0	0.0	309.9	0.0	-62.1	0.0	0.57	0.18
68	1.0	0.0	309.9	0.0	-62.1	0.0	0.57	0.18
69	1.0	0.0	309.9	0.0	-62.1	0.0	0.57	0.18
70	1.0	0.0	309.9	0.0	-62.1	0.0	0.57	0.18
71	1.0	0.0	368.2	0.0	-61.4	0.0	0.68	0.22
72	1.0	0.0	368.2	0.0	-61.4	0.0	0.68	0.22
73	1.0	0.0	368.2	0.0	-61.4	0.0	0.68	0.22
74	1.0	0.0	368.2	0.0	-61.4	0.0	0.68	0.22
75	1.0	0.0	368.2	0.0	-61.4	0.0	0.68	0.22
76	1.0	0.0	426.5	0.0	-60.7	0.0	0.79	0.25
77	1.0	0.0	426.5	0.0	-60.7	0.0	0.79	0.25
78	1.0	0.0	426.5	0.0	-60.7	0.0	0.79	0.25
79	1.0	0.0	426.5	0.0	-60.7	0.0	0.79	0.25
80	1.0	0.0	426.5	0.0	-60.7	0.0	0.79	0.25
81	1.0	0.0	484.8	0.0	-60.0	0.0	0.90	0.29
82	1.0	0.0	484.8	0.0	-60.0	0.0	0.90	0.29
83	1.0	0.0	484.8	0.0	-60.0	0.0	0.90	0.29
84	1.0	0.0	484.8	0.0	-60.0	0.0	0.90	0.29
85	1.0	0.0	484.8	0.0	-60.0	0.0	0.90	0.29

EAST REV1 CRL TMPCPGA.OUT.txt

86	-1.1	0.0	-25.0	0.0	65.6	0.0	0.06	0.02
87	-1.1	0.0	-25.0	0.0	65.6	0.0	0.06	0.02
88	-1.1	0.0	-25.0	0.0	65.6	0.0	0.06	0.02
89	-1.1	0.0	-25.0	0.0	65.6	0.0	0.06	0.02
90	-1.1	0.0	-25.0	0.0	65.6	0.0	0.06	0.02
91	-1.1	0.0	91.6	0.0	67.1	0.0	0.17	0.06
92	-1.1	0.0	91.6	0.0	67.1	0.0	0.17	0.06
93	-1.1	0.0	91.6	0.0	67.1	0.0	0.17	0.06
94	-1.1	0.0	91.6	0.0	67.1	0.0	0.17	0.06
95	-1.1	0.0	91.6	0.0	67.1	0.0	0.17	0.06
96	-1.1	0.0	208.1	0.0	68.5	0.0	0.38	0.13
97	-1.1	0.0	208.1	0.0	68.5	0.0	0.38	0.13
98	-1.1	0.0	208.1	0.0	68.5	0.0	0.38	0.13
99	-1.1	0.0	208.1	0.0	68.5	0.0	0.38	0.13
100	-1.1	0.0	208.1	0.0	68.5	0.0	0.38	0.13
101	-1.1	0.0	266.4	0.0	69.3	0.0	0.49	0.16
102	-1.1	0.0	266.4	0.0	69.3	0.0	0.49	0.16
103	-1.1	0.0	266.4	0.0	69.3	0.0	0.49	0.16
104	-1.1	0.0	266.4	0.0	69.3	0.0	0.49	0.16
105	-1.1	0.0	266.4	0.0	69.3	0.0	0.49	0.16
106	-1.1	0.0	324.7	0.0	70.0	0.0	0.60	0.19
107	-1.1	0.0	324.7	0.0	70.0	0.0	0.60	0.19
108	-1.1	0.0	324.7	0.0	70.0	0.0	0.60	0.19
109	-1.1	0.0	324.7	0.0	70.0	0.0	0.60	0.19
110	-1.1	0.0	324.7	0.0	70.0	0.0	0.60	0.19
111	-1.1	0.0	383.0	0.0	70.7	0.0	0.71	0.23
112	-1.1	0.0	383.0	0.0	70.7	0.0	0.71	0.23
113	-1.1	0.0	383.0	0.0	70.7	0.0	0.71	0.23
114	-1.1	0.0	383.0	0.0	70.7	0.0	0.71	0.23
115	-1.1	0.0	383.0	0.0	70.7	0.0	0.71	0.23
116	-1.2	0.0	441.2	0.0	71.4	0.0	0.82	0.26
117	-1.2	0.0	441.2	0.0	71.4	0.0	0.82	0.26
118	-1.2	0.0	441.2	0.0	71.4	0.0	0.82	0.26
119	-1.2	0.0	441.2	0.0	71.4	0.0	0.82	0.26
120	-1.2	0.0	441.2	0.0	71.4	0.0	0.82	0.26
121	1.0	0.0	251.7	0.0	-62.8	0.0	0.46	0.15
122	1.0	0.0	251.7	0.0	-62.8	0.0	0.46	0.15
123	1.0	0.0	251.7	0.0	-62.8	0.0	0.46	0.15
124	1.0	0.0	251.7	0.0	-62.8	0.0	0.46	0.15
125	1.0	0.0	251.7	0.0	-62.8	0.0	0.46	0.15
126	1.0	0.0	251.7	0.0	-62.8	0.0	0.46	0.15
127	1.0	0.0	251.7	0.0	-62.8	0.0	0.46	0.15
128	1.0	0.0	368.2	0.0	-61.4	0.0	0.68	0.22
129	1.0	0.0	368.2	0.0	-61.4	0.0	0.68	0.22
130	1.0	0.0	368.2	0.0	-61.4	0.0	0.68	0.22
131	1.0	0.0	368.2	0.0	-61.4	0.0	0.68	0.22
132	1.0	0.0	368.2	0.0	-61.4	0.0	0.68	0.22
133	1.0	0.0	368.2	0.0	-61.4	0.0	0.68	0.22

EAST REV1 CRL TMPCPGA.OUT.txt

134	1.0	0.0	368.2	0.0	-61.4	0.0	0.68	0.22
135	1.0	0.0	484.8	0.0	-60.0	0.0	0.90	0.29
136	1.0	0.0	484.8	0.0	-60.0	0.0	0.90	0.29
137	1.0	0.0	484.8	0.0	-60.0	0.0	0.90	0.29
138	1.0	0.0	484.8	0.0	-60.0	0.0	0.90	0.29
139	1.0	0.0	484.8	0.0	-60.0	0.0	0.90	0.29
140	1.0	0.0	484.8	0.0	-60.0	0.0	0.90	0.29
141	1.0	0.0	484.8	0.0	-60.0	0.0	0.90	0.29
142	-1.1	0.0	-25.0	0.0	65.6	0.0	0.06	0.02
143	-1.1	0.0	-25.0	0.0	65.6	0.0	0.06	0.02
144	-1.1	0.0	-25.0	0.0	65.6	0.0	0.06	0.02
145	-1.1	0.0	-25.0	0.0	65.6	0.0	0.06	0.02
146	-1.1	0.0	-25.0	0.0	65.6	0.0	0.06	0.02
147	-1.1	0.0	-25.0	0.0	65.6	0.0	0.06	0.02
148	-1.1	0.0	-25.0	0.0	65.6	0.0	0.06	0.02
149	-1.1	0.0	91.6	0.0	67.1	0.0	0.17	0.06
150	-1.1	0.0	91.6	0.0	67.1	0.0	0.17	0.06
151	-1.1	0.0	91.6	0.0	67.1	0.0	0.17	0.06
152	-1.1	0.0	91.6	0.0	67.1	0.0	0.17	0.06
153	-1.1	0.0	91.6	0.0	67.1	0.0	0.17	0.06
154	-1.1	0.0	91.6	0.0	67.1	0.0	0.17	0.06
155	-1.1	0.0	91.6	0.0	67.1	0.0	0.17	0.06
156	-1.1	0.0	208.1	0.0	68.5	0.0	0.38	0.13
157	-1.1	0.0	208.1	0.0	68.5	0.0	0.38	0.13
158	-1.1	0.0	208.1	0.0	68.5	0.0	0.38	0.13
159	-1.1	0.0	208.1	0.0	68.5	0.0	0.38	0.13
160	-1.1	0.0	208.1	0.0	68.5	0.0	0.38	0.13
161	-1.1	0.0	208.1	0.0	68.5	0.0	0.38	0.13
162	-1.1	0.0	208.1	0.0	68.5	0.0	0.38	0.13
163	-1.1	0.0	324.7	0.0	70.0	0.0	0.60	0.19
164	-1.1	0.0	324.7	0.0	70.0	0.0	0.60	0.19
165	-1.1	0.0	324.7	0.0	70.0	0.0	0.60	0.19
166	-1.1	0.0	324.7	0.0	70.0	0.0	0.60	0.19
167	-1.1	0.0	324.7	0.0	70.0	0.0	0.60	0.19
168	-1.1	0.0	324.7	0.0	70.0	0.0	0.60	0.19
169	-1.1	0.0	324.7	0.0	70.0	0.0	0.60	0.19
170	-1.2	0.0	441.2	0.0	71.4	0.0	0.82	0.26
171	-1.2	0.0	441.2	0.0	71.4	0.0	0.82	0.26
172	-1.2	0.0	441.2	0.0	71.4	0.0	0.82	0.26
173	-1.2	0.0	441.2	0.0	71.4	0.0	0.82	0.26
174	-1.2	0.0	441.2	0.0	71.4	0.0	0.82	0.26
175	-1.2	0.0	441.2	0.0	71.4	0.0	0.82	0.26
176	-1.2	0.0	441.2	0.0	71.4	0.0	0.82	0.26
177	1.0	0.0	309.9	0.0	-62.1	0.0	0.57	0.18
178	1.0	0.0	365.2	0.0	-61.4	0.0	0.67	0.22
179	1.0	0.0	423.4	0.0	-60.7	0.0	0.78	0.25
180	1.0	0.0	481.7	0.0	-60.0	0.0	0.89	0.28
181	-1.1	0.0	-28.0	0.0	65.6	0.0	0.07	0.02



EAST REV1 CRL TMPCPGA.OUT.txt

182	-1.1	0.0	88.5	0.0	67.1	0.0	0.16	0.06
183	-1.1	0.0	205.1	0.0	68.5	0.0	0.38	0.12
184	-1.1	0.0	263.4	0.0	69.2	0.0	0.49	0.16
185	-1.1	0.0	321.6	0.0	69.9	0.0	0.59	0.19
186	-1.1	0.0	379.9	0.0	70.7	0.0	0.70	0.23
187	1.0	0.0	365.2	0.0	-61.4	0.0	0.67	0.22
188	1.0	0.0	423.4	0.0	-60.7	0.0	0.78	0.25
189	1.0	0.0	481.7	0.0	-60.0	0.0	0.89	0.28
190	-1.1	0.0	-28.0	0.0	65.6	0.0	0.07	0.02
191	-1.1	0.0	88.5	0.0	67.1	0.0	0.16	0.06
192	-1.1	0.0	205.1	0.0	68.5	0.0	0.38	0.12
193	-1.1	0.0	263.4	0.0	69.2	0.0	0.49	0.16
194	-1.1	0.0	321.6	0.0	69.9	0.0	0.59	0.19
195	-1.1	0.0	379.9	0.0	70.7	0.0	0.70	0.23
196	1.0	0.0	309.9	0.0	-62.1	0.0	0.57	0.18
197	1.0	0.0	365.2	0.0	-61.4	0.0	0.67	0.22
198	1.0	0.0	423.4	0.0	-60.7	0.0	0.78	0.25
199	1.0	0.0	481.7	0.0	-60.0	0.0	0.89	0.28
200	-1.1	0.0	-28.0	0.0	65.6	0.0	0.07	0.02
201	-1.1	0.0	88.5	0.0	67.1	0.0	0.16	0.06
202	-1.1	0.0	205.1	0.0	68.5	0.0	0.38	0.12
203	-1.1	0.0	263.4	0.0	69.2	0.0	0.49	0.16
204	-1.1	0.0	321.6	0.0	69.9	0.0	0.59	0.19
205	-1.1	0.0	379.9	0.0	70.7	0.0	0.70	0.23
206	1.0	0.0	365.2	0.0	-61.4	0.0	0.67	0.22
207	1.0	0.0	423.4	0.0	-60.7	0.0	0.78	0.25
208	1.0	0.0	481.7	0.0	-60.0	0.0	0.89	0.28
209	-1.1	0.0	-28.0	0.0	65.6	0.0	0.07	0.02
210	-1.1	0.0	88.5	0.0	67.1	0.0	0.16	0.06
211	-1.1	0.0	205.1	0.0	68.5	0.0	0.38	0.12
212	-1.1	0.0	263.4	0.0	69.2	0.0	0.49	0.16
213	-1.1	0.0	321.6	0.0	69.9	0.0	0.59	0.19
214	-1.1	0.0	379.9	0.0	70.7	0.0	0.70	0.23
215	1.0	0.0	426.5	0.0	-60.7	0.0	0.79	0.25
216	1.0	0.0	484.8	0.0	-60.0	0.0	0.90	0.29
217	1.0	0.0	484.8	0.0	-60.0	0.0	0.90	0.29
218	-1.1	0.0	324.7	0.0	70.0	0.0	0.60	0.19
219	-1.1	0.0	-25.0	0.0	65.6	0.0	0.06	0.02
220	-1.1	0.0	91.6	0.0	67.1	0.0	0.17	0.06
221	-1.1	0.0	208.1	0.0	68.5	0.0	0.38	0.13
222	-1.1	0.0	266.4	0.0	69.3	0.0	0.49	0.16
223	-1.1	0.0	-25.0	0.0	65.6	0.0	0.06	0.02
224	-1.1	0.0	91.6	0.0	67.1	0.0	0.17	0.06
225	-1.1	0.0	208.1	0.0	68.5	0.0	0.38	0.13
226	-1.1	0.0	266.4	0.0	69.3	0.0	0.49	0.16
227	-1.1	0.0	-25.0	0.0	65.6	0.0	0.06	0.02
228	-1.1	0.0	91.6	0.0	67.1	0.0	0.17	0.06
229	-1.1	0.0	208.1	0.0	68.5	0.0	0.38	0.13

EAST REV1 CRL TMPCPGA.OUT.txt

230	-1.1	0.0	266.4	0.0	69.3	0.0	0.49	0.16
231	1.0	0.0	426.5	0.0	-60.7	0.0	0.79	0.25
232	1.0	0.0	484.8	0.0	-60.0	0.0	0.90	0.29
233	1.0	0.0	484.8	0.0	-60.0	0.0	0.90	0.29
234	-1.1	0.0	324.7	0.0	70.0	0.0	0.60	0.19
235	-1.1	0.0	-25.0	0.0	65.6	0.0	0.06	0.02
236	-1.1	0.0	91.6	0.0	67.1	0.0	0.17	0.06
237	-1.1	0.0	208.1	0.0	68.5	0.0	0.38	0.13
238	-1.1	0.0	266.4	0.0	69.3	0.0	0.49	0.16
239	-1.1	0.0	-25.0	0.0	65.6	0.0	0.06	0.02
240	-1.1	0.0	91.6	0.0	67.1	0.0	0.17	0.06
241	-1.1	0.0	208.1	0.0	68.5	0.0	0.38	0.13
242	-1.1	0.0	266.4	0.0	69.3	0.0	0.49	0.16
243	-1.1	0.0	-25.0	0.0	65.6	0.0	0.06	0.02
244	-1.1	0.0	91.6	0.0	67.1	0.0	0.17	0.06
245	-1.1	0.0	208.1	0.0	68.5	0.0	0.38	0.13
246	-1.1	0.0	266.4	0.0	69.3	0.0	0.49	0.16

LOAD CASE - 3

PILE	F1 K	F2 K	F3 K	M1 IN-K	M2 IN-K	M3 IN-K	ALF	CBF
1	-0.3	0.0	141.1	0.0	17.4	0.0	0.35	0.11
2	-0.3	0.0	141.1	0.0	17.4	0.0	0.35	0.11
3	-0.3	0.0	141.1	0.0	17.4	0.0	0.35	0.11
4	-0.3	0.0	141.1	0.0	17.4	0.0	0.35	0.11
5	-0.3	0.0	141.1	0.0	17.4	0.0	0.35	0.11
6	-0.3	0.0	131.5	0.0	17.3	0.0	0.32	0.10
7	-0.3	0.0	131.5	0.0	17.3	0.0	0.32	0.10
8	-0.3	0.0	131.5	0.0	17.3	0.0	0.32	0.10
9	-0.3	0.0	131.5	0.0	17.3	0.0	0.32	0.10
10	-0.3	0.0	131.5	0.0	17.3	0.0	0.32	0.10
11	-0.3	0.0	121.9	0.0	17.1	0.0	0.30	0.10
12	-0.3	0.0	121.9	0.0	17.1	0.0	0.30	0.10
13	-0.3	0.0	121.9	0.0	17.1	0.0	0.30	0.10
14	-0.3	0.0	121.9	0.0	17.1	0.0	0.30	0.10
15	-0.3	0.0	121.9	0.0	17.1	0.0	0.30	0.10
16	-0.3	0.0	112.3	0.0	17.0	0.0	0.28	0.09
17	-0.3	0.0	112.3	0.0	17.0	0.0	0.28	0.09
18	-0.3	0.0	112.3	0.0	17.0	0.0	0.28	0.09
19	-0.3	0.0	112.3	0.0	17.0	0.0	0.28	0.09
20	-0.3	0.0	112.3	0.0	17.0	0.0	0.28	0.09
21	-0.3	0.0	102.6	0.0	16.9	0.0	0.25	0.08
22	-0.3	0.0	102.6	0.0	16.9	0.0	0.25	0.08
23	-0.3	0.0	102.6	0.0	16.9	0.0	0.25	0.08
24	-0.3	0.0	102.6	0.0	16.9	0.0	0.25	0.08

EAST REV1 CRL TMPCPGA.OUT.txt

25	-0.3	0.0	102.6	0.0	16.9	0.0	0.25	0.08
26	0.2	0.0	231.8	0.0	-12.8	0.0	0.57	0.18
27	0.2	0.0	231.8	0.0	-12.8	0.0	0.57	0.18
28	0.2	0.0	231.8	0.0	-12.8	0.0	0.57	0.18
29	0.2	0.0	231.8	0.0	-12.8	0.0	0.57	0.18
30	0.2	0.0	231.8	0.0	-12.8	0.0	0.57	0.18
31	0.2	0.0	212.6	0.0	-13.0	0.0	0.52	0.17
32	0.2	0.0	212.6	0.0	-13.0	0.0	0.52	0.17
33	0.2	0.0	212.6	0.0	-13.0	0.0	0.52	0.17
34	0.2	0.0	212.6	0.0	-13.0	0.0	0.52	0.17
35	0.2	0.0	212.6	0.0	-13.0	0.0	0.52	0.17
36	0.2	0.0	193.3	0.0	-13.2	0.0	0.48	0.15
37	0.2	0.0	193.3	0.0	-13.2	0.0	0.48	0.15
38	0.2	0.0	193.3	0.0	-13.2	0.0	0.48	0.15
39	0.2	0.0	193.3	0.0	-13.2	0.0	0.48	0.15
40	0.2	0.0	193.3	0.0	-13.2	0.0	0.48	0.15
41	0.2	0.0	183.7	0.0	-13.4	0.0	0.45	0.14
42	0.2	0.0	183.7	0.0	-13.4	0.0	0.45	0.14
43	0.2	0.0	183.7	0.0	-13.4	0.0	0.45	0.14
44	0.2	0.0	183.7	0.0	-13.4	0.0	0.45	0.14
45	0.2	0.0	183.7	0.0	-13.4	0.0	0.45	0.14
46	0.2	0.0	174.1	0.0	-13.5	0.0	0.43	0.14
47	0.2	0.0	174.1	0.0	-13.5	0.0	0.43	0.14
48	0.2	0.0	174.1	0.0	-13.5	0.0	0.43	0.14
49	0.2	0.0	174.1	0.0	-13.5	0.0	0.43	0.14
50	0.2	0.0	174.1	0.0	-13.5	0.0	0.43	0.14
51	0.2	0.0	164.5	0.0	-13.6	0.0	0.40	0.13
52	0.2	0.0	164.5	0.0	-13.6	0.0	0.40	0.13
53	0.2	0.0	164.5	0.0	-13.6	0.0	0.40	0.13
54	0.2	0.0	164.5	0.0	-13.6	0.0	0.40	0.13
55	0.2	0.0	164.5	0.0	-13.6	0.0	0.40	0.13
56	0.2	0.0	154.8	0.0	-13.7	0.0	0.38	0.12
57	0.2	0.0	154.8	0.0	-13.7	0.0	0.38	0.12
58	0.2	0.0	154.8	0.0	-13.7	0.0	0.38	0.12
59	0.2	0.0	154.8	0.0	-13.7	0.0	0.38	0.12
60	0.2	0.0	154.8	0.0	-13.7	0.0	0.38	0.12
61	-0.3	0.0	141.1	0.0	17.4	0.0	0.35	0.11
62	-0.3	0.0	141.1	0.0	17.4	0.0	0.35	0.11
63	-0.3	0.0	141.1	0.0	17.4	0.0	0.35	0.11
64	-0.3	0.0	141.1	0.0	17.4	0.0	0.35	0.11
65	-0.3	0.0	141.1	0.0	17.4	0.0	0.35	0.11
66	-0.3	0.0	131.5	0.0	17.3	0.0	0.32	0.10
67	-0.3	0.0	131.5	0.0	17.3	0.0	0.32	0.10
68	-0.3	0.0	131.5	0.0	17.3	0.0	0.32	0.10
69	-0.3	0.0	131.5	0.0	17.3	0.0	0.32	0.10
70	-0.3	0.0	131.5	0.0	17.3	0.0	0.32	0.10
71	-0.3	0.0	121.9	0.0	17.1	0.0	0.30	0.10
72	-0.3	0.0	121.9	0.0	17.1	0.0	0.30	0.10

EAST REV1 CRL TMPCPGA.OUT.txt

73	-0.3	0.0	121.9	0.0	17.1	0.0	0.30	0.10
74	-0.3	0.0	121.9	0.0	17.1	0.0	0.30	0.10
75	-0.3	0.0	121.9	0.0	17.1	0.0	0.30	0.10
76	-0.3	0.0	112.3	0.0	17.0	0.0	0.28	0.09
77	-0.3	0.0	112.3	0.0	17.0	0.0	0.28	0.09
78	-0.3	0.0	112.3	0.0	17.0	0.0	0.28	0.09
79	-0.3	0.0	112.3	0.0	17.0	0.0	0.28	0.09
80	-0.3	0.0	112.3	0.0	17.0	0.0	0.28	0.09
81	-0.3	0.0	102.6	0.0	16.9	0.0	0.25	0.08
82	-0.3	0.0	102.6	0.0	16.9	0.0	0.25	0.08
83	-0.3	0.0	102.6	0.0	16.9	0.0	0.25	0.08
84	-0.3	0.0	102.6	0.0	16.9	0.0	0.25	0.08
85	-0.3	0.0	102.6	0.0	16.9	0.0	0.25	0.08
86	0.2	0.0	231.8	0.0	-12.8	0.0	0.57	0.18
87	0.2	0.0	231.8	0.0	-12.8	0.0	0.57	0.18
88	0.2	0.0	231.8	0.0	-12.8	0.0	0.57	0.18
89	0.2	0.0	231.8	0.0	-12.8	0.0	0.57	0.18
90	0.2	0.0	231.8	0.0	-12.8	0.0	0.57	0.18
91	0.2	0.0	212.6	0.0	-13.0	0.0	0.52	0.17
92	0.2	0.0	212.6	0.0	-13.0	0.0	0.52	0.17
93	0.2	0.0	212.6	0.0	-13.0	0.0	0.52	0.17
94	0.2	0.0	212.6	0.0	-13.0	0.0	0.52	0.17
95	0.2	0.0	212.6	0.0	-13.0	0.0	0.52	0.17
96	0.2	0.0	193.3	0.0	-13.2	0.0	0.48	0.15
97	0.2	0.0	193.3	0.0	-13.2	0.0	0.48	0.15
98	0.2	0.0	193.3	0.0	-13.2	0.0	0.48	0.15
99	0.2	0.0	193.3	0.0	-13.2	0.0	0.48	0.15
100	0.2	0.0	193.3	0.0	-13.2	0.0	0.48	0.15
101	0.2	0.0	183.7	0.0	-13.4	0.0	0.45	0.14
102	0.2	0.0	183.7	0.0	-13.4	0.0	0.45	0.14
103	0.2	0.0	183.7	0.0	-13.4	0.0	0.45	0.14
104	0.2	0.0	183.7	0.0	-13.4	0.0	0.45	0.14
105	0.2	0.0	183.7	0.0	-13.4	0.0	0.45	0.14
106	0.2	0.0	174.1	0.0	-13.5	0.0	0.43	0.14
107	0.2	0.0	174.1	0.0	-13.5	0.0	0.43	0.14
108	0.2	0.0	174.1	0.0	-13.5	0.0	0.43	0.14
109	0.2	0.0	174.1	0.0	-13.5	0.0	0.43	0.14
110	0.2	0.0	174.1	0.0	-13.5	0.0	0.43	0.14
111	0.2	0.0	164.5	0.0	-13.6	0.0	0.40	0.13
112	0.2	0.0	164.5	0.0	-13.6	0.0	0.40	0.13
113	0.2	0.0	164.5	0.0	-13.6	0.0	0.40	0.13
114	0.2	0.0	164.5	0.0	-13.6	0.0	0.40	0.13
115	0.2	0.0	164.5	0.0	-13.6	0.0	0.40	0.13
116	0.2	0.0	154.8	0.0	-13.7	0.0	0.38	0.12
117	0.2	0.0	154.8	0.0	-13.7	0.0	0.38	0.12
118	0.2	0.0	154.8	0.0	-13.7	0.0	0.38	0.12
119	0.2	0.0	154.8	0.0	-13.7	0.0	0.38	0.12
120	0.2	0.0	154.8	0.0	-13.7	0.0	0.38	0.12

EAST REV1 CRL TMPCPGA.OUT.txt

121	-0.3	0.0	141.1	0.0	17.4	0.0	0.35	0.11
122	-0.3	0.0	141.1	0.0	17.4	0.0	0.35	0.11
123	-0.3	0.0	141.1	0.0	17.4	0.0	0.35	0.11
124	-0.3	0.0	141.1	0.0	17.4	0.0	0.35	0.11
125	-0.3	0.0	141.1	0.0	17.4	0.0	0.35	0.11
126	-0.3	0.0	141.1	0.0	17.4	0.0	0.35	0.11
127	-0.3	0.0	141.1	0.0	17.4	0.0	0.35	0.11
128	-0.3	0.0	121.9	0.0	17.1	0.0	0.30	0.10
129	-0.3	0.0	121.9	0.0	17.1	0.0	0.30	0.10
130	-0.3	0.0	121.9	0.0	17.1	0.0	0.30	0.10
131	-0.3	0.0	121.9	0.0	17.1	0.0	0.30	0.10
132	-0.3	0.0	121.9	0.0	17.1	0.0	0.30	0.10
133	-0.3	0.0	121.9	0.0	17.1	0.0	0.30	0.10
134	-0.3	0.0	121.9	0.0	17.1	0.0	0.30	0.10
135	-0.3	0.0	102.6	0.0	16.9	0.0	0.25	0.08
136	-0.3	0.0	102.6	0.0	16.9	0.0	0.25	0.08
137	-0.3	0.0	102.6	0.0	16.9	0.0	0.25	0.08
138	-0.3	0.0	102.6	0.0	16.9	0.0	0.25	0.08
139	-0.3	0.0	102.6	0.0	16.9	0.0	0.25	0.08
140	-0.3	0.0	102.6	0.0	16.9	0.0	0.25	0.08
141	-0.3	0.0	102.6	0.0	16.9	0.0	0.25	0.08
142	0.2	0.0	231.8	0.0	-12.8	0.0	0.57	0.18
143	0.2	0.0	231.8	0.0	-12.8	0.0	0.57	0.18
144	0.2	0.0	231.8	0.0	-12.8	0.0	0.57	0.18
145	0.2	0.0	231.8	0.0	-12.8	0.0	0.57	0.18
146	0.2	0.0	231.8	0.0	-12.8	0.0	0.57	0.18
147	0.2	0.0	231.8	0.0	-12.8	0.0	0.57	0.18
148	0.2	0.0	231.8	0.0	-12.8	0.0	0.57	0.18
149	0.2	0.0	212.6	0.0	-13.0	0.0	0.52	0.17
150	0.2	0.0	212.6	0.0	-13.0	0.0	0.52	0.17
151	0.2	0.0	212.6	0.0	-13.0	0.0	0.52	0.17
152	0.2	0.0	212.6	0.0	-13.0	0.0	0.52	0.17
153	0.2	0.0	212.6	0.0	-13.0	0.0	0.52	0.17
154	0.2	0.0	212.6	0.0	-13.0	0.0	0.52	0.17
155	0.2	0.0	212.6	0.0	-13.0	0.0	0.52	0.17
156	0.2	0.0	193.3	0.0	-13.2	0.0	0.48	0.15
157	0.2	0.0	193.3	0.0	-13.2	0.0	0.48	0.15
158	0.2	0.0	193.3	0.0	-13.2	0.0	0.48	0.15
159	0.2	0.0	193.3	0.0	-13.2	0.0	0.48	0.15
160	0.2	0.0	193.3	0.0	-13.2	0.0	0.48	0.15
161	0.2	0.0	193.3	0.0	-13.2	0.0	0.48	0.15
162	0.2	0.0	193.3	0.0	-13.2	0.0	0.48	0.15
163	0.2	0.0	174.1	0.0	-13.5	0.0	0.43	0.14
164	0.2	0.0	174.1	0.0	-13.5	0.0	0.43	0.14
165	0.2	0.0	174.1	0.0	-13.5	0.0	0.43	0.14
166	0.2	0.0	174.1	0.0	-13.5	0.0	0.43	0.14
167	0.2	0.0	174.1	0.0	-13.5	0.0	0.43	0.14
168	0.2	0.0	174.1	0.0	-13.5	0.0	0.43	0.14

EAST REV1 CRL TMPCPGA.OUT.txt

169	0.2	0.0	174.1	0.0	-13.5	0.0	0.43	0.14
170	0.2	0.0	154.8	0.0	-13.7	0.0	0.38	0.12
171	0.2	0.0	154.8	0.0	-13.7	0.0	0.38	0.12
172	0.2	0.0	154.8	0.0	-13.7	0.0	0.38	0.12
173	0.2	0.0	154.8	0.0	-13.7	0.0	0.38	0.12
174	0.2	0.0	154.8	0.0	-13.7	0.0	0.38	0.12
175	0.2	0.0	154.8	0.0	-13.7	0.0	0.38	0.12
176	0.2	0.0	154.8	0.0	-13.7	0.0	0.38	0.12
177	-0.3	0.0	131.5	0.0	17.3	0.0	0.32	0.10
178	-0.3	0.0	122.4	0.0	17.1	0.0	0.30	0.10
179	-0.3	0.0	112.8	0.0	17.0	0.0	0.28	0.09
180	-0.3	0.0	103.1	0.0	16.9	0.0	0.25	0.08
181	0.2	0.0	232.3	0.0	-12.8	0.0	0.57	0.18
182	0.2	0.0	213.1	0.0	-13.0	0.0	0.52	0.17
183	0.2	0.0	193.8	0.0	-13.2	0.0	0.48	0.15
184	0.2	0.0	184.2	0.0	-13.3	0.0	0.45	0.14
185	0.2	0.0	174.6	0.0	-13.5	0.0	0.43	0.14
186	0.2	0.0	165.0	0.0	-13.6	0.0	0.41	0.13
187	-0.3	0.0	122.4	0.0	17.1	0.0	0.30	0.10
188	-0.3	0.0	112.8	0.0	17.0	0.0	0.28	0.09
189	-0.3	0.0	103.1	0.0	16.9	0.0	0.25	0.08
190	0.2	0.0	232.3	0.0	-12.8	0.0	0.57	0.18
191	0.2	0.0	213.1	0.0	-13.0	0.0	0.52	0.17
192	0.2	0.0	193.8	0.0	-13.2	0.0	0.48	0.15
193	0.2	0.0	184.2	0.0	-13.3	0.0	0.45	0.14
194	0.2	0.0	174.6	0.0	-13.5	0.0	0.43	0.14
195	0.2	0.0	165.0	0.0	-13.6	0.0	0.41	0.13
196	-0.3	0.0	131.5	0.0	17.3	0.0	0.32	0.10
197	-0.3	0.0	122.4	0.0	17.1	0.0	0.30	0.10
198	-0.3	0.0	112.8	0.0	17.0	0.0	0.28	0.09
199	-0.3	0.0	103.1	0.0	16.9	0.0	0.25	0.08
200	0.2	0.0	232.3	0.0	-12.8	0.0	0.57	0.18
201	0.2	0.0	213.1	0.0	-13.0	0.0	0.52	0.17
202	0.2	0.0	193.8	0.0	-13.2	0.0	0.48	0.15
203	0.2	0.0	184.2	0.0	-13.3	0.0	0.45	0.14
204	0.2	0.0	174.6	0.0	-13.5	0.0	0.43	0.14
205	0.2	0.0	165.0	0.0	-13.6	0.0	0.41	0.13
206	-0.3	0.0	122.4	0.0	17.1	0.0	0.30	0.10
207	-0.3	0.0	112.8	0.0	17.0	0.0	0.28	0.09
208	-0.3	0.0	103.1	0.0	16.9	0.0	0.25	0.08
209	0.2	0.0	232.3	0.0	-12.8	0.0	0.57	0.18
210	0.2	0.0	213.1	0.0	-13.0	0.0	0.52	0.17
211	0.2	0.0	193.8	0.0	-13.2	0.0	0.48	0.15
212	0.2	0.0	184.2	0.0	-13.3	0.0	0.45	0.14
213	0.2	0.0	174.6	0.0	-13.5	0.0	0.43	0.14
214	0.2	0.0	165.0	0.0	-13.6	0.0	0.41	0.13
215	-0.3	0.0	112.3	0.0	17.0	0.0	0.28	0.09
216	-0.3	0.0	102.6	0.0	16.9	0.0	0.25	0.08

EAST REV1 CRL TMPCPGA.OUT.txt

217	-0.3	0.0	102.6	0.0	16.9	0.0	0.25	0.08
218	0.2	0.0	174.1	0.0	-13.5	0.0	0.43	0.14
219	0.2	0.0	231.8	0.0	-12.8	0.0	0.57	0.18
220	0.2	0.0	212.6	0.0	-13.0	0.0	0.52	0.17
221	0.2	0.0	193.3	0.0	-13.2	0.0	0.48	0.15
222	0.2	0.0	183.7	0.0	-13.4	0.0	0.45	0.14
223	0.2	0.0	231.8	0.0	-12.8	0.0	0.57	0.18
224	0.2	0.0	212.6	0.0	-13.0	0.0	0.52	0.17
225	0.2	0.0	193.3	0.0	-13.2	0.0	0.48	0.15
226	0.2	0.0	183.7	0.0	-13.4	0.0	0.45	0.14
227	0.2	0.0	231.8	0.0	-12.8	0.0	0.57	0.18
228	0.2	0.0	212.6	0.0	-13.0	0.0	0.52	0.17
229	0.2	0.0	193.3	0.0	-13.2	0.0	0.48	0.15
230	0.2	0.0	183.7	0.0	-13.4	0.0	0.45	0.14
231	-0.3	0.0	112.3	0.0	17.0	0.0	0.28	0.09
232	-0.3	0.0	102.6	0.0	16.9	0.0	0.25	0.08
233	-0.3	0.0	102.6	0.0	16.9	0.0	0.25	0.08
234	0.2	0.0	174.1	0.0	-13.5	0.0	0.43	0.14
235	0.2	0.0	231.8	0.0	-12.8	0.0	0.57	0.18
236	0.2	0.0	212.6	0.0	-13.0	0.0	0.52	0.17
237	0.2	0.0	193.3	0.0	-13.2	0.0	0.48	0.15
238	0.2	0.0	183.7	0.0	-13.4	0.0	0.45	0.14
239	0.2	0.0	231.8	0.0	-12.8	0.0	0.57	0.18
240	0.2	0.0	212.6	0.0	-13.0	0.0	0.52	0.17
241	0.2	0.0	193.3	0.0	-13.2	0.0	0.48	0.15
242	0.2	0.0	183.7	0.0	-13.4	0.0	0.45	0.14
243	0.2	0.0	231.8	0.0	-12.8	0.0	0.57	0.18
244	0.2	0.0	212.6	0.0	-13.0	0.0	0.52	0.17
245	0.2	0.0	193.3	0.0	-13.2	0.0	0.48	0.15
246	0.2	0.0	183.7	0.0	-13.4	0.0	0.45	0.14

LOAD CASE - 4

PILE	F1 K	F2 K	F3 K	M1 IN-K	M2 IN-K	M3 IN-K	ALF	CBF
1	-0.3	0.0	140.9	0.0	18.8	0.0	0.26	0.08
2	-0.3	0.0	140.9	0.0	18.8	0.0	0.26	0.08
3	-0.3	0.0	140.9	0.0	18.8	0.0	0.26	0.08
4	-0.3	0.0	140.9	0.0	18.8	0.0	0.26	0.08
5	-0.3	0.0	140.9	0.0	18.8	0.0	0.26	0.08
6	-0.3	0.0	130.2	0.0	18.6	0.0	0.24	0.08
7	-0.3	0.0	130.2	0.0	18.6	0.0	0.24	0.08
8	-0.3	0.0	130.2	0.0	18.6	0.0	0.24	0.08
9	-0.3	0.0	130.2	0.0	18.6	0.0	0.24	0.08
10	-0.3	0.0	130.2	0.0	18.6	0.0	0.24	0.08
11	-0.3	0.0	119.4	0.0	18.5	0.0	0.22	0.07

EAST REV1 CRL TMPCPGA.OUT.txt

12	-0.3	0.0	119.4	0.0	18.5	0.0	0.22	0.07
13	-0.3	0.0	119.4	0.0	18.5	0.0	0.22	0.07
14	-0.3	0.0	119.4	0.0	18.5	0.0	0.22	0.07
15	-0.3	0.0	119.4	0.0	18.5	0.0	0.22	0.07
16	-0.3	0.0	108.7	0.0	18.4	0.0	0.20	0.06
17	-0.3	0.0	108.7	0.0	18.4	0.0	0.20	0.06
18	-0.3	0.0	108.7	0.0	18.4	0.0	0.20	0.06
19	-0.3	0.0	108.7	0.0	18.4	0.0	0.20	0.06
20	-0.3	0.0	108.7	0.0	18.4	0.0	0.20	0.06
21	-0.3	0.0	97.9	0.0	18.2	0.0	0.18	0.06
22	-0.3	0.0	97.9	0.0	18.2	0.0	0.18	0.06
23	-0.3	0.0	97.9	0.0	18.2	0.0	0.18	0.06
24	-0.3	0.0	97.9	0.0	18.2	0.0	0.18	0.06
25	-0.3	0.0	97.9	0.0	18.2	0.0	0.18	0.06
26	0.2	0.0	238.0	0.0	-14.1	0.0	0.44	0.14
27	0.2	0.0	238.0	0.0	-14.1	0.0	0.44	0.14
28	0.2	0.0	238.0	0.0	-14.1	0.0	0.44	0.14
29	0.2	0.0	238.0	0.0	-14.1	0.0	0.44	0.14
30	0.2	0.0	238.0	0.0	-14.1	0.0	0.44	0.14
31	0.2	0.0	216.5	0.0	-14.3	0.0	0.40	0.13
32	0.2	0.0	216.5	0.0	-14.3	0.0	0.40	0.13
33	0.2	0.0	216.5	0.0	-14.3	0.0	0.40	0.13
34	0.2	0.0	216.5	0.0	-14.3	0.0	0.40	0.13
35	0.2	0.0	216.5	0.0	-14.3	0.0	0.40	0.13
36	0.2	0.0	195.0	0.0	-14.6	0.0	0.36	0.11
37	0.2	0.0	195.0	0.0	-14.6	0.0	0.36	0.11
38	0.2	0.0	195.0	0.0	-14.6	0.0	0.36	0.11
39	0.2	0.0	195.0	0.0	-14.6	0.0	0.36	0.11
40	0.2	0.0	195.0	0.0	-14.6	0.0	0.36	0.11
41	0.2	0.0	184.3	0.0	-14.7	0.0	0.34	0.11
42	0.2	0.0	184.3	0.0	-14.7	0.0	0.34	0.11
43	0.2	0.0	184.3	0.0	-14.7	0.0	0.34	0.11
44	0.2	0.0	184.3	0.0	-14.7	0.0	0.34	0.11
45	0.2	0.0	184.3	0.0	-14.7	0.0	0.34	0.11
46	0.2	0.0	173.5	0.0	-14.9	0.0	0.32	0.10
47	0.2	0.0	173.5	0.0	-14.9	0.0	0.32	0.10
48	0.2	0.0	173.5	0.0	-14.9	0.0	0.32	0.10
49	0.2	0.0	173.5	0.0	-14.9	0.0	0.32	0.10
50	0.2	0.0	173.5	0.0	-14.9	0.0	0.32	0.10
51	0.2	0.0	162.8	0.0	-15.0	0.0	0.30	0.10
52	0.2	0.0	162.8	0.0	-15.0	0.0	0.30	0.10
53	0.2	0.0	162.8	0.0	-15.0	0.0	0.30	0.10
54	0.2	0.0	162.8	0.0	-15.0	0.0	0.30	0.10
55	0.2	0.0	162.8	0.0	-15.0	0.0	0.30	0.10
56	0.2	0.0	152.0	0.0	-15.1	0.0	0.28	0.09
57	0.2	0.0	152.0	0.0	-15.1	0.0	0.28	0.09
58	0.2	0.0	152.0	0.0	-15.1	0.0	0.28	0.09
59	0.2	0.0	152.0	0.0	-15.1	0.0	0.28	0.09



EAST REV1 CRL TMPCPGA.OUT.txt

60	0.2	0.0	152.0	0.0	-15.1	0.0	0.28	0.09
61	-0.3	0.0	140.9	0.0	18.8	0.0	0.26	0.08
62	-0.3	0.0	140.9	0.0	18.8	0.0	0.26	0.08
63	-0.3	0.0	140.9	0.0	18.8	0.0	0.26	0.08
64	-0.3	0.0	140.9	0.0	18.8	0.0	0.26	0.08
65	-0.3	0.0	140.9	0.0	18.8	0.0	0.26	0.08
66	-0.3	0.0	130.2	0.0	18.6	0.0	0.24	0.08
67	-0.3	0.0	130.2	0.0	18.6	0.0	0.24	0.08
68	-0.3	0.0	130.2	0.0	18.6	0.0	0.24	0.08
69	-0.3	0.0	130.2	0.0	18.6	0.0	0.24	0.08
70	-0.3	0.0	130.2	0.0	18.6	0.0	0.24	0.08
71	-0.3	0.0	119.4	0.0	18.5	0.0	0.22	0.07
72	-0.3	0.0	119.4	0.0	18.5	0.0	0.22	0.07
73	-0.3	0.0	119.4	0.0	18.5	0.0	0.22	0.07
74	-0.3	0.0	119.4	0.0	18.5	0.0	0.22	0.07
75	-0.3	0.0	119.4	0.0	18.5	0.0	0.22	0.07
76	-0.3	0.0	108.7	0.0	18.4	0.0	0.20	0.06
77	-0.3	0.0	108.7	0.0	18.4	0.0	0.20	0.06
78	-0.3	0.0	108.7	0.0	18.4	0.0	0.20	0.06
79	-0.3	0.0	108.7	0.0	18.4	0.0	0.20	0.06
80	-0.3	0.0	108.7	0.0	18.4	0.0	0.20	0.06
81	-0.3	0.0	97.9	0.0	18.2	0.0	0.18	0.06
82	-0.3	0.0	97.9	0.0	18.2	0.0	0.18	0.06
83	-0.3	0.0	97.9	0.0	18.2	0.0	0.18	0.06
84	-0.3	0.0	97.9	0.0	18.2	0.0	0.18	0.06
85	-0.3	0.0	97.9	0.0	18.2	0.0	0.18	0.06
86	0.2	0.0	238.0	0.0	-14.1	0.0	0.44	0.14
87	0.2	0.0	238.0	0.0	-14.1	0.0	0.44	0.14
88	0.2	0.0	238.0	0.0	-14.1	0.0	0.44	0.14
89	0.2	0.0	238.0	0.0	-14.1	0.0	0.44	0.14
90	0.2	0.0	238.0	0.0	-14.1	0.0	0.44	0.14
91	0.2	0.0	216.5	0.0	-14.3	0.0	0.40	0.13
92	0.2	0.0	216.5	0.0	-14.3	0.0	0.40	0.13
93	0.2	0.0	216.5	0.0	-14.3	0.0	0.40	0.13
94	0.2	0.0	216.5	0.0	-14.3	0.0	0.40	0.13
95	0.2	0.0	216.5	0.0	-14.3	0.0	0.40	0.13
96	0.2	0.0	195.0	0.0	-14.6	0.0	0.36	0.11
97	0.2	0.0	195.0	0.0	-14.6	0.0	0.36	0.11
98	0.2	0.0	195.0	0.0	-14.6	0.0	0.36	0.11
99	0.2	0.0	195.0	0.0	-14.6	0.0	0.36	0.11
100	0.2	0.0	195.0	0.0	-14.6	0.0	0.36	0.11
101	0.2	0.0	184.3	0.0	-14.7	0.0	0.34	0.11
102	0.2	0.0	184.3	0.0	-14.7	0.0	0.34	0.11
103	0.2	0.0	184.3	0.0	-14.7	0.0	0.34	0.11
104	0.2	0.0	184.3	0.0	-14.7	0.0	0.34	0.11
105	0.2	0.0	184.3	0.0	-14.7	0.0	0.34	0.11
106	0.2	0.0	173.5	0.0	-14.9	0.0	0.32	0.10
107	0.2	0.0	173.5	0.0	-14.9	0.0	0.32	0.10

EAST REV1 CRL TMPCPGA.OUT.txt

108	0.2	0.0	173.5	0.0	-14.9	0.0	0.32	0.10
109	0.2	0.0	173.5	0.0	-14.9	0.0	0.32	0.10
110	0.2	0.0	173.5	0.0	-14.9	0.0	0.32	0.10
111	0.2	0.0	162.8	0.0	-15.0	0.0	0.30	0.10
112	0.2	0.0	162.8	0.0	-15.0	0.0	0.30	0.10
113	0.2	0.0	162.8	0.0	-15.0	0.0	0.30	0.10
114	0.2	0.0	162.8	0.0	-15.0	0.0	0.30	0.10
115	0.2	0.0	162.8	0.0	-15.0	0.0	0.30	0.10
116	0.2	0.0	152.0	0.0	-15.1	0.0	0.28	0.09
117	0.2	0.0	152.0	0.0	-15.1	0.0	0.28	0.09
118	0.2	0.0	152.0	0.0	-15.1	0.0	0.28	0.09
119	0.2	0.0	152.0	0.0	-15.1	0.0	0.28	0.09
120	0.2	0.0	152.0	0.0	-15.1	0.0	0.28	0.09
121	-0.3	0.0	140.9	0.0	18.8	0.0	0.26	0.08
122	-0.3	0.0	140.9	0.0	18.8	0.0	0.26	0.08
123	-0.3	0.0	140.9	0.0	18.8	0.0	0.26	0.08
124	-0.3	0.0	140.9	0.0	18.8	0.0	0.26	0.08
125	-0.3	0.0	140.9	0.0	18.8	0.0	0.26	0.08
126	-0.3	0.0	140.9	0.0	18.8	0.0	0.26	0.08
127	-0.3	0.0	140.9	0.0	18.8	0.0	0.26	0.08
128	-0.3	0.0	119.4	0.0	18.5	0.0	0.22	0.07
129	-0.3	0.0	119.4	0.0	18.5	0.0	0.22	0.07
130	-0.3	0.0	119.4	0.0	18.5	0.0	0.22	0.07
131	-0.3	0.0	119.4	0.0	18.5	0.0	0.22	0.07
132	-0.3	0.0	119.4	0.0	18.5	0.0	0.22	0.07
133	-0.3	0.0	119.4	0.0	18.5	0.0	0.22	0.07
134	-0.3	0.0	119.4	0.0	18.5	0.0	0.22	0.07
135	-0.3	0.0	97.9	0.0	18.2	0.0	0.18	0.06
136	-0.3	0.0	97.9	0.0	18.2	0.0	0.18	0.06
137	-0.3	0.0	97.9	0.0	18.2	0.0	0.18	0.06
138	-0.3	0.0	97.9	0.0	18.2	0.0	0.18	0.06
139	-0.3	0.0	97.9	0.0	18.2	0.0	0.18	0.06
140	-0.3	0.0	97.9	0.0	18.2	0.0	0.18	0.06
141	-0.3	0.0	97.9	0.0	18.2	0.0	0.18	0.06
142	0.2	0.0	238.0	0.0	-14.1	0.0	0.44	0.14
143	0.2	0.0	238.0	0.0	-14.1	0.0	0.44	0.14
144	0.2	0.0	238.0	0.0	-14.1	0.0	0.44	0.14
145	0.2	0.0	238.0	0.0	-14.1	0.0	0.44	0.14
146	0.2	0.0	238.0	0.0	-14.1	0.0	0.44	0.14
147	0.2	0.0	238.0	0.0	-14.1	0.0	0.44	0.14
148	0.2	0.0	238.0	0.0	-14.1	0.0	0.44	0.14
149	0.2	0.0	216.5	0.0	-14.3	0.0	0.40	0.13
150	0.2	0.0	216.5	0.0	-14.3	0.0	0.40	0.13
151	0.2	0.0	216.5	0.0	-14.3	0.0	0.40	0.13
152	0.2	0.0	216.5	0.0	-14.3	0.0	0.40	0.13
153	0.2	0.0	216.5	0.0	-14.3	0.0	0.40	0.13
154	0.2	0.0	216.5	0.0	-14.3	0.0	0.40	0.13
155	0.2	0.0	216.5	0.0	-14.3	0.0	0.40	0.13

EAST REV1 CRL TMPCPGA.OUT.txt

156	0.2	0.0	195.0	0.0	-14.6	0.0	0.36	0.11
157	0.2	0.0	195.0	0.0	-14.6	0.0	0.36	0.11
158	0.2	0.0	195.0	0.0	-14.6	0.0	0.36	0.11
159	0.2	0.0	195.0	0.0	-14.6	0.0	0.36	0.11
160	0.2	0.0	195.0	0.0	-14.6	0.0	0.36	0.11
161	0.2	0.0	195.0	0.0	-14.6	0.0	0.36	0.11
162	0.2	0.0	195.0	0.0	-14.6	0.0	0.36	0.11
163	0.2	0.0	173.5	0.0	-14.9	0.0	0.32	0.10
164	0.2	0.0	173.5	0.0	-14.9	0.0	0.32	0.10
165	0.2	0.0	173.5	0.0	-14.9	0.0	0.32	0.10
166	0.2	0.0	173.5	0.0	-14.9	0.0	0.32	0.10
167	0.2	0.0	173.5	0.0	-14.9	0.0	0.32	0.10
168	0.2	0.0	173.5	0.0	-14.9	0.0	0.32	0.10
169	0.2	0.0	173.5	0.0	-14.9	0.0	0.32	0.10
170	0.2	0.0	152.0	0.0	-15.1	0.0	0.28	0.09
171	0.2	0.0	152.0	0.0	-15.1	0.0	0.28	0.09
172	0.2	0.0	152.0	0.0	-15.1	0.0	0.28	0.09
173	0.2	0.0	152.0	0.0	-15.1	0.0	0.28	0.09
174	0.2	0.0	152.0	0.0	-15.1	0.0	0.28	0.09
175	0.2	0.0	152.0	0.0	-15.1	0.0	0.28	0.09
176	0.2	0.0	152.0	0.0	-15.1	0.0	0.28	0.09
177	-0.3	0.0	130.2	0.0	18.6	0.0	0.24	0.08
178	-0.3	0.0	120.0	0.0	18.5	0.0	0.22	0.07
179	-0.3	0.0	109.3	0.0	18.4	0.0	0.20	0.06
180	-0.3	0.0	98.5	0.0	18.2	0.0	0.18	0.06
181	0.2	0.0	238.6	0.0	-14.1	0.0	0.44	0.14
182	0.2	0.0	217.1	0.0	-14.3	0.0	0.40	0.13
183	0.2	0.0	195.6	0.0	-14.6	0.0	0.36	0.11
184	0.2	0.0	184.8	0.0	-14.7	0.0	0.34	0.11
185	0.2	0.0	174.1	0.0	-14.9	0.0	0.32	0.10
186	0.2	0.0	163.3	0.0	-15.0	0.0	0.30	0.10
187	-0.3	0.0	120.0	0.0	18.5	0.0	0.22	0.07
188	-0.3	0.0	109.3	0.0	18.4	0.0	0.20	0.06
189	-0.3	0.0	98.5	0.0	18.2	0.0	0.18	0.06
190	0.2	0.0	238.6	0.0	-14.1	0.0	0.44	0.14
191	0.2	0.0	217.1	0.0	-14.3	0.0	0.40	0.13
192	0.2	0.0	195.6	0.0	-14.6	0.0	0.36	0.11
193	0.2	0.0	184.8	0.0	-14.7	0.0	0.34	0.11
194	0.2	0.0	174.1	0.0	-14.9	0.0	0.32	0.10
195	0.2	0.0	163.3	0.0	-15.0	0.0	0.30	0.10
196	-0.3	0.0	130.2	0.0	18.6	0.0	0.24	0.08
197	-0.3	0.0	120.0	0.0	18.5	0.0	0.22	0.07
198	-0.3	0.0	109.3	0.0	18.4	0.0	0.20	0.06
199	-0.3	0.0	98.5	0.0	18.2	0.0	0.18	0.06
200	0.2	0.0	238.6	0.0	-14.1	0.0	0.44	0.14
201	0.2	0.0	217.1	0.0	-14.3	0.0	0.40	0.13
202	0.2	0.0	195.6	0.0	-14.6	0.0	0.36	0.11
203	0.2	0.0	184.8	0.0	-14.7	0.0	0.34	0.11

EAST REV1 CRL TMPCPGA.OUT.txt

204	0.2	0.0	174.1	0.0	-14.9	0.0	0.32	0.10
205	0.2	0.0	163.3	0.0	-15.0	0.0	0.30	0.10
206	-0.3	0.0	120.0	0.0	18.5	0.0	0.22	0.07
207	-0.3	0.0	109.3	0.0	18.4	0.0	0.20	0.06
208	-0.3	0.0	98.5	0.0	18.2	0.0	0.18	0.06
209	0.2	0.0	238.6	0.0	-14.1	0.0	0.44	0.14
210	0.2	0.0	217.1	0.0	-14.3	0.0	0.40	0.13
211	0.2	0.0	195.6	0.0	-14.6	0.0	0.36	0.11
212	0.2	0.0	184.8	0.0	-14.7	0.0	0.34	0.11
213	0.2	0.0	174.1	0.0	-14.9	0.0	0.32	0.10
214	0.2	0.0	163.3	0.0	-15.0	0.0	0.30	0.10
215	-0.3	0.0	108.7	0.0	18.4	0.0	0.20	0.06
216	-0.3	0.0	97.9	0.0	18.2	0.0	0.18	0.06
217	-0.3	0.0	97.9	0.0	18.2	0.0	0.18	0.06
218	0.2	0.0	173.5	0.0	-14.9	0.0	0.32	0.10
219	0.2	0.0	238.0	0.0	-14.1	0.0	0.44	0.14
220	0.2	0.0	216.5	0.0	-14.3	0.0	0.40	0.13
221	0.2	0.0	195.0	0.0	-14.6	0.0	0.36	0.11
222	0.2	0.0	184.3	0.0	-14.7	0.0	0.34	0.11
223	0.2	0.0	238.0	0.0	-14.1	0.0	0.44	0.14
224	0.2	0.0	216.5	0.0	-14.3	0.0	0.40	0.13
225	0.2	0.0	195.0	0.0	-14.6	0.0	0.36	0.11
226	0.2	0.0	184.3	0.0	-14.7	0.0	0.34	0.11
227	0.2	0.0	238.0	0.0	-14.1	0.0	0.44	0.14
228	0.2	0.0	216.5	0.0	-14.3	0.0	0.40	0.13
229	0.2	0.0	195.0	0.0	-14.6	0.0	0.36	0.11
230	0.2	0.0	184.3	0.0	-14.7	0.0	0.34	0.11
231	-0.3	0.0	108.7	0.0	18.4	0.0	0.20	0.06
232	-0.3	0.0	97.9	0.0	18.2	0.0	0.18	0.06
233	-0.3	0.0	97.9	0.0	18.2	0.0	0.18	0.06
234	0.2	0.0	173.5	0.0	-14.9	0.0	0.32	0.10
235	0.2	0.0	238.0	0.0	-14.1	0.0	0.44	0.14
236	0.2	0.0	216.5	0.0	-14.3	0.0	0.40	0.13
237	0.2	0.0	195.0	0.0	-14.6	0.0	0.36	0.11
238	0.2	0.0	184.3	0.0	-14.7	0.0	0.34	0.11
239	0.2	0.0	238.0	0.0	-14.1	0.0	0.44	0.14
240	0.2	0.0	216.5	0.0	-14.3	0.0	0.40	0.13
241	0.2	0.0	195.0	0.0	-14.6	0.0	0.36	0.11
242	0.2	0.0	184.3	0.0	-14.7	0.0	0.34	0.11
243	0.2	0.0	238.0	0.0	-14.1	0.0	0.44	0.14
244	0.2	0.0	216.5	0.0	-14.3	0.0	0.40	0.13
245	0.2	0.0	195.0	0.0	-14.6	0.0	0.36	0.11
246	0.2	0.0	184.3	0.0	-14.7	0.0	0.34	0.11

LOAD CASE - 5

PILE F1 F2 F3 M1 M2 M3 ALF CBF

EAST REV1 CRL TMPCPGA.OUT.txt

	K	K	K	IN-K	IN-K	IN-K
1	0.9	0.0	164.4	0.0	-53.0	0.0 0.40 0.13
2	0.9	0.0	164.4	0.0	-53.0	0.0 0.40 0.13
3	0.9	0.0	164.4	0.0	-53.0	0.0 0.40 0.13
4	0.9	0.0	164.4	0.0	-53.0	0.0 0.40 0.13
5	0.9	0.0	164.4	0.0	-53.0	0.0 0.40 0.13
6	0.9	0.0	212.1	0.0	-52.4	0.0 0.52 0.17
7	0.9	0.0	212.1	0.0	-52.4	0.0 0.52 0.17
8	0.9	0.0	212.1	0.0	-52.4	0.0 0.52 0.17
9	0.9	0.0	212.1	0.0	-52.4	0.0 0.52 0.17
10	0.9	0.0	212.1	0.0	-52.4	0.0 0.52 0.17
11	0.8	0.0	259.8	0.0	-51.8	0.0 0.64 0.21
12	0.8	0.0	259.8	0.0	-51.8	0.0 0.64 0.21
13	0.8	0.0	259.8	0.0	-51.8	0.0 0.64 0.21
14	0.8	0.0	259.8	0.0	-51.8	0.0 0.64 0.21
15	0.8	0.0	259.8	0.0	-51.8	0.0 0.64 0.21
16	0.8	0.0	307.6	0.0	-51.2	0.0 0.76 0.24
17	0.8	0.0	307.6	0.0	-51.2	0.0 0.76 0.24
18	0.8	0.0	307.6	0.0	-51.2	0.0 0.76 0.24
19	0.8	0.0	307.6	0.0	-51.2	0.0 0.76 0.24
20	0.8	0.0	307.6	0.0	-51.2	0.0 0.76 0.24
21	0.8	0.0	355.3	0.0	-50.6	0.0 0.87 0.28
22	0.8	0.0	355.3	0.0	-50.6	0.0 0.87 0.28
23	0.8	0.0	355.3	0.0	-50.6	0.0 0.87 0.28
24	0.8	0.0	355.3	0.0	-50.6	0.0 0.87 0.28
25	0.8	0.0	355.3	0.0	-50.6	0.0 0.87 0.28
26	-0.9	0.0	-71.6	0.0	54.1	0.0 0.23 0.06
27	-0.9	0.0	-71.6	0.0	54.1	0.0 0.23 0.06
28	-0.9	0.0	-71.6	0.0	54.1	0.0 0.23 0.06
29	-0.9	0.0	-71.6	0.0	54.1	0.0 0.23 0.06
30	-0.9	0.0	-71.6	0.0	54.1	0.0 0.23 0.06
31	-0.9	0.0	23.8	0.0	55.3	0.0 0.06 0.02
32	-0.9	0.0	23.8	0.0	55.3	0.0 0.06 0.02
33	-0.9	0.0	23.8	0.0	55.3	0.0 0.06 0.02
34	-0.9	0.0	23.8	0.0	55.3	0.0 0.06 0.02
35	-0.9	0.0	23.8	0.0	55.3	0.0 0.06 0.02
36	-0.9	0.0	119.3	0.0	56.5	0.0 0.29 0.10
37	-0.9	0.0	119.3	0.0	56.5	0.0 0.29 0.10
38	-0.9	0.0	119.3	0.0	56.5	0.0 0.29 0.10
39	-0.9	0.0	119.3	0.0	56.5	0.0 0.29 0.10
40	-0.9	0.0	119.3	0.0	56.5	0.0 0.29 0.10
41	-0.9	0.0	167.0	0.0	57.1	0.0 0.41 0.13
42	-0.9	0.0	167.0	0.0	57.1	0.0 0.41 0.13
43	-0.9	0.0	167.0	0.0	57.1	0.0 0.41 0.13
44	-0.9	0.0	167.0	0.0	57.1	0.0 0.41 0.13
45	-0.9	0.0	167.0	0.0	57.1	0.0 0.41 0.13
46	-0.9	0.0	214.7	0.0	57.7	0.0 0.53 0.17

EAST REV1 CRL TMPCPGA.OUT.txt

47	-0.9	0.0	214.7	0.0	57.7	0.0	0.53	0.17
48	-0.9	0.0	214.7	0.0	57.7	0.0	0.53	0.17
49	-0.9	0.0	214.7	0.0	57.7	0.0	0.53	0.17
50	-0.9	0.0	214.7	0.0	57.7	0.0	0.53	0.17
51	-0.9	0.0	262.5	0.0	58.3	0.0	0.64	0.21
52	-0.9	0.0	262.5	0.0	58.3	0.0	0.64	0.21
53	-0.9	0.0	262.5	0.0	58.3	0.0	0.64	0.21
54	-0.9	0.0	262.5	0.0	58.3	0.0	0.64	0.21
55	-0.9	0.0	262.5	0.0	58.3	0.0	0.64	0.21
56	-1.0	0.0	310.2	0.0	58.9	0.0	0.76	0.24
57	-1.0	0.0	310.2	0.0	58.9	0.0	0.76	0.24
58	-1.0	0.0	310.2	0.0	58.9	0.0	0.76	0.24
59	-1.0	0.0	310.2	0.0	58.9	0.0	0.76	0.24
60	-1.0	0.0	310.2	0.0	58.9	0.0	0.76	0.24
61	0.9	0.0	164.4	0.0	-53.0	0.0	0.40	0.13
62	0.9	0.0	164.4	0.0	-53.0	0.0	0.40	0.13
63	0.9	0.0	164.4	0.0	-53.0	0.0	0.40	0.13
64	0.9	0.0	164.4	0.0	-53.0	0.0	0.40	0.13
65	0.9	0.0	164.4	0.0	-53.0	0.0	0.40	0.13
66	0.9	0.0	212.1	0.0	-52.4	0.0	0.52	0.17
67	0.9	0.0	212.1	0.0	-52.4	0.0	0.52	0.17
68	0.9	0.0	212.1	0.0	-52.4	0.0	0.52	0.17
69	0.9	0.0	212.1	0.0	-52.4	0.0	0.52	0.17
70	0.9	0.0	212.1	0.0	-52.4	0.0	0.52	0.17
71	0.8	0.0	259.8	0.0	-51.8	0.0	0.64	0.21
72	0.8	0.0	259.8	0.0	-51.8	0.0	0.64	0.21
73	0.8	0.0	259.8	0.0	-51.8	0.0	0.64	0.21
74	0.8	0.0	259.8	0.0	-51.8	0.0	0.64	0.21
75	0.8	0.0	259.8	0.0	-51.8	0.0	0.64	0.21
76	0.8	0.0	307.6	0.0	-51.2	0.0	0.76	0.24
77	0.8	0.0	307.6	0.0	-51.2	0.0	0.76	0.24
78	0.8	0.0	307.6	0.0	-51.2	0.0	0.76	0.24
79	0.8	0.0	307.6	0.0	-51.2	0.0	0.76	0.24
80	0.8	0.0	307.6	0.0	-51.2	0.0	0.76	0.24
81	0.8	0.0	355.3	0.0	-50.6	0.0	0.87	0.28
82	0.8	0.0	355.3	0.0	-50.6	0.0	0.87	0.28
83	0.8	0.0	355.3	0.0	-50.6	0.0	0.87	0.28
84	0.8	0.0	355.3	0.0	-50.6	0.0	0.87	0.28
85	0.8	0.0	355.3	0.0	-50.6	0.0	0.87	0.28
86	-0.9	0.0	-71.6	0.0	54.1	0.0	0.23	0.06
87	-0.9	0.0	-71.6	0.0	54.1	0.0	0.23	0.06
88	-0.9	0.0	-71.6	0.0	54.1	0.0	0.23	0.06
89	-0.9	0.0	-71.6	0.0	54.1	0.0	0.23	0.06
90	-0.9	0.0	-71.6	0.0	54.1	0.0	0.23	0.06
91	-0.9	0.0	23.8	0.0	55.3	0.0	0.06	0.02
92	-0.9	0.0	23.8	0.0	55.3	0.0	0.06	0.02
93	-0.9	0.0	23.8	0.0	55.3	0.0	0.06	0.02
94	-0.9	0.0	23.8	0.0	55.3	0.0	0.06	0.02

EAST REV1 CRL TMPCPGA.OUT.txt

95	-0.9	0.0	23.8	0.0	55.3	0.0	0.06	0.02
96	-0.9	0.0	119.3	0.0	56.5	0.0	0.29	0.10
97	-0.9	0.0	119.3	0.0	56.5	0.0	0.29	0.10
98	-0.9	0.0	119.3	0.0	56.5	0.0	0.29	0.10
99	-0.9	0.0	119.3	0.0	56.5	0.0	0.29	0.10
100	-0.9	0.0	119.3	0.0	56.5	0.0	0.29	0.10
101	-0.9	0.0	167.0	0.0	57.1	0.0	0.41	0.13
102	-0.9	0.0	167.0	0.0	57.1	0.0	0.41	0.13
103	-0.9	0.0	167.0	0.0	57.1	0.0	0.41	0.13
104	-0.9	0.0	167.0	0.0	57.1	0.0	0.41	0.13
105	-0.9	0.0	167.0	0.0	57.1	0.0	0.41	0.13
106	-0.9	0.0	214.7	0.0	57.7	0.0	0.53	0.17
107	-0.9	0.0	214.7	0.0	57.7	0.0	0.53	0.17
108	-0.9	0.0	214.7	0.0	57.7	0.0	0.53	0.17
109	-0.9	0.0	214.7	0.0	57.7	0.0	0.53	0.17
110	-0.9	0.0	214.7	0.0	57.7	0.0	0.53	0.17
111	-0.9	0.0	262.5	0.0	58.3	0.0	0.64	0.21
112	-0.9	0.0	262.5	0.0	58.3	0.0	0.64	0.21
113	-0.9	0.0	262.5	0.0	58.3	0.0	0.64	0.21
114	-0.9	0.0	262.5	0.0	58.3	0.0	0.64	0.21
115	-0.9	0.0	262.5	0.0	58.3	0.0	0.64	0.21
116	-1.0	0.0	310.2	0.0	58.9	0.0	0.76	0.24
117	-1.0	0.0	310.2	0.0	58.9	0.0	0.76	0.24
118	-1.0	0.0	310.2	0.0	58.9	0.0	0.76	0.24
119	-1.0	0.0	310.2	0.0	58.9	0.0	0.76	0.24
120	-1.0	0.0	310.2	0.0	58.9	0.0	0.76	0.24
121	0.9	0.0	164.4	0.0	-53.0	0.0	0.40	0.13
122	0.9	0.0	164.4	0.0	-53.0	0.0	0.40	0.13
123	0.9	0.0	164.4	0.0	-53.0	0.0	0.40	0.13
124	0.9	0.0	164.4	0.0	-53.0	0.0	0.40	0.13
125	0.9	0.0	164.4	0.0	-53.0	0.0	0.40	0.13
126	0.9	0.0	164.4	0.0	-53.0	0.0	0.40	0.13
127	0.9	0.0	164.4	0.0	-53.0	0.0	0.40	0.13
128	0.8	0.0	259.8	0.0	-51.8	0.0	0.64	0.21
129	0.8	0.0	259.8	0.0	-51.8	0.0	0.64	0.21
130	0.8	0.0	259.8	0.0	-51.8	0.0	0.64	0.21
131	0.8	0.0	259.8	0.0	-51.8	0.0	0.64	0.21
132	0.8	0.0	259.8	0.0	-51.8	0.0	0.64	0.21
133	0.8	0.0	259.8	0.0	-51.8	0.0	0.64	0.21
134	0.8	0.0	259.8	0.0	-51.8	0.0	0.64	0.21
135	0.8	0.0	355.3	0.0	-50.6	0.0	0.87	0.28
136	0.8	0.0	355.3	0.0	-50.6	0.0	0.87	0.28
137	0.8	0.0	355.3	0.0	-50.6	0.0	0.87	0.28
138	0.8	0.0	355.3	0.0	-50.6	0.0	0.87	0.28
139	0.8	0.0	355.3	0.0	-50.6	0.0	0.87	0.28
140	0.8	0.0	355.3	0.0	-50.6	0.0	0.87	0.28
141	0.8	0.0	355.3	0.0	-50.6	0.0	0.87	0.28
142	-0.9	0.0	-71.6	0.0	54.1	0.0	0.23	0.06

EAST REV1 CRL TMPCPGA.OUT.txt

143	-0.9	0.0	-71.6	0.0	54.1	0.0	0.23	0.06
144	-0.9	0.0	-71.6	0.0	54.1	0.0	0.23	0.06
145	-0.9	0.0	-71.6	0.0	54.1	0.0	0.23	0.06
146	-0.9	0.0	-71.6	0.0	54.1	0.0	0.23	0.06
147	-0.9	0.0	-71.6	0.0	54.1	0.0	0.23	0.06
148	-0.9	0.0	-71.6	0.0	54.1	0.0	0.23	0.06
149	-0.9	0.0	23.8	0.0	55.3	0.0	0.06	0.02
150	-0.9	0.0	23.8	0.0	55.3	0.0	0.06	0.02
151	-0.9	0.0	23.8	0.0	55.3	0.0	0.06	0.02
152	-0.9	0.0	23.8	0.0	55.3	0.0	0.06	0.02
153	-0.9	0.0	23.8	0.0	55.3	0.0	0.06	0.02
154	-0.9	0.0	23.8	0.0	55.3	0.0	0.06	0.02
155	-0.9	0.0	23.8	0.0	55.3	0.0	0.06	0.02
156	-0.9	0.0	119.3	0.0	56.5	0.0	0.29	0.10
157	-0.9	0.0	119.3	0.0	56.5	0.0	0.29	0.10
158	-0.9	0.0	119.3	0.0	56.5	0.0	0.29	0.10
159	-0.9	0.0	119.3	0.0	56.5	0.0	0.29	0.10
160	-0.9	0.0	119.3	0.0	56.5	0.0	0.29	0.10
161	-0.9	0.0	119.3	0.0	56.5	0.0	0.29	0.10
162	-0.9	0.0	119.3	0.0	56.5	0.0	0.29	0.10
163	-0.9	0.0	214.7	0.0	57.7	0.0	0.53	0.17
164	-0.9	0.0	214.7	0.0	57.7	0.0	0.53	0.17
165	-0.9	0.0	214.7	0.0	57.7	0.0	0.53	0.17
166	-0.9	0.0	214.7	0.0	57.7	0.0	0.53	0.17
167	-0.9	0.0	214.7	0.0	57.7	0.0	0.53	0.17
168	-0.9	0.0	214.7	0.0	57.7	0.0	0.53	0.17
169	-0.9	0.0	214.7	0.0	57.7	0.0	0.53	0.17
170	-1.0	0.0	310.2	0.0	58.9	0.0	0.76	0.24
171	-1.0	0.0	310.2	0.0	58.9	0.0	0.76	0.24
172	-1.0	0.0	310.2	0.0	58.9	0.0	0.76	0.24
173	-1.0	0.0	310.2	0.0	58.9	0.0	0.76	0.24
174	-1.0	0.0	310.2	0.0	58.9	0.0	0.76	0.24
175	-1.0	0.0	310.2	0.0	58.9	0.0	0.76	0.24
176	-1.0	0.0	310.2	0.0	58.9	0.0	0.76	0.24
177	0.9	0.0	212.1	0.0	-52.4	0.0	0.52	0.17
178	0.8	0.0	257.3	0.0	-51.8	0.0	0.63	0.20
179	0.8	0.0	305.1	0.0	-51.2	0.0	0.75	0.24
180	0.8	0.0	352.8	0.0	-50.6	0.0	0.87	0.28
181	-0.9	0.0	-74.1	0.0	54.1	0.0	0.24	0.06
182	-0.9	0.0	21.3	0.0	55.3	0.0	0.05	0.02
183	-0.9	0.0	116.8	0.0	56.5	0.0	0.29	0.10
184	-0.9	0.0	164.5	0.0	57.1	0.0	0.40	0.13
185	-0.9	0.0	212.2	0.0	57.6	0.0	0.52	0.17
186	-0.9	0.0	260.0	0.0	58.2	0.0	0.64	0.21
187	0.8	0.0	257.3	0.0	-51.8	0.0	0.63	0.20
188	0.8	0.0	305.1	0.0	-51.2	0.0	0.75	0.24
189	0.8	0.0	352.8	0.0	-50.6	0.0	0.87	0.28
190	-0.9	0.0	-74.1	0.0	54.1	0.0	0.24	0.06



EAST REV1 CRL TMPCPGA.OUT.txt

191	-0.9	0.0	21.3	0.0	55.3	0.0	0.05	0.02
192	-0.9	0.0	116.8	0.0	56.5	0.0	0.29	0.10
193	-0.9	0.0	164.5	0.0	57.1	0.0	0.40	0.13
194	-0.9	0.0	212.2	0.0	57.6	0.0	0.52	0.17
195	-0.9	0.0	260.0	0.0	58.2	0.0	0.64	0.21
196	0.9	0.0	212.1	0.0	-52.4	0.0	0.52	0.17
197	0.8	0.0	257.3	0.0	-51.8	0.0	0.63	0.20
198	0.8	0.0	305.1	0.0	-51.2	0.0	0.75	0.24
199	0.8	0.0	352.8	0.0	-50.6	0.0	0.87	0.28
200	-0.9	0.0	-74.1	0.0	54.1	0.0	0.24	0.06
201	-0.9	0.0	21.3	0.0	55.3	0.0	0.05	0.02
202	-0.9	0.0	116.8	0.0	56.5	0.0	0.29	0.10
203	-0.9	0.0	164.5	0.0	57.1	0.0	0.40	0.13
204	-0.9	0.0	212.2	0.0	57.6	0.0	0.52	0.17
205	-0.9	0.0	260.0	0.0	58.2	0.0	0.64	0.21
206	0.8	0.0	257.3	0.0	-51.8	0.0	0.63	0.20
207	0.8	0.0	305.1	0.0	-51.2	0.0	0.75	0.24
208	0.8	0.0	352.8	0.0	-50.6	0.0	0.87	0.28
209	-0.9	0.0	-74.1	0.0	54.1	0.0	0.24	0.06
210	-0.9	0.0	21.3	0.0	55.3	0.0	0.05	0.02
211	-0.9	0.0	116.8	0.0	56.5	0.0	0.29	0.10
212	-0.9	0.0	164.5	0.0	57.1	0.0	0.40	0.13
213	-0.9	0.0	212.2	0.0	57.6	0.0	0.52	0.17
214	-0.9	0.0	260.0	0.0	58.2	0.0	0.64	0.21
215	0.8	0.0	307.6	0.0	-51.2	0.0	0.76	0.24
216	0.8	0.0	355.3	0.0	-50.6	0.0	0.87	0.28
217	0.8	0.0	355.3	0.0	-50.6	0.0	0.87	0.28
218	-0.9	0.0	214.7	0.0	57.7	0.0	0.53	0.17
219	-0.9	0.0	-71.6	0.0	54.1	0.0	0.23	0.06
220	-0.9	0.0	23.8	0.0	55.3	0.0	0.06	0.02
221	-0.9	0.0	119.3	0.0	56.5	0.0	0.29	0.10
222	-0.9	0.0	167.0	0.0	57.1	0.0	0.41	0.13
223	-0.9	0.0	-71.6	0.0	54.1	0.0	0.23	0.06
224	-0.9	0.0	23.8	0.0	55.3	0.0	0.06	0.02
225	-0.9	0.0	119.3	0.0	56.5	0.0	0.29	0.10
226	-0.9	0.0	167.0	0.0	57.1	0.0	0.41	0.13
227	-0.9	0.0	-71.6	0.0	54.1	0.0	0.23	0.06
228	-0.9	0.0	23.8	0.0	55.3	0.0	0.06	0.02
229	-0.9	0.0	119.3	0.0	56.5	0.0	0.29	0.10
230	-0.9	0.0	167.0	0.0	57.1	0.0	0.41	0.13
231	0.8	0.0	307.6	0.0	-51.2	0.0	0.76	0.24
232	0.8	0.0	355.3	0.0	-50.6	0.0	0.87	0.28
233	0.8	0.0	355.3	0.0	-50.6	0.0	0.87	0.28
234	-0.9	0.0	214.7	0.0	57.7	0.0	0.53	0.17
235	-0.9	0.0	-71.6	0.0	54.1	0.0	0.23	0.06
236	-0.9	0.0	23.8	0.0	55.3	0.0	0.06	0.02
237	-0.9	0.0	119.3	0.0	56.5	0.0	0.29	0.10
238	-0.9	0.0	167.0	0.0	57.1	0.0	0.41	0.13

EAST REV1 CRL TMPCPGA.OUT.txt

239	-0.9	0.0	-71.6	0.0	54.1	0.0	0.23	0.06
240	-0.9	0.0	23.8	0.0	55.3	0.0	0.06	0.02
241	-0.9	0.0	119.3	0.0	56.5	0.0	0.29	0.10
242	-0.9	0.0	167.0	0.0	57.1	0.0	0.41	0.13
243	-0.9	0.0	-71.6	0.0	54.1	0.0	0.23	0.06
244	-0.9	0.0	23.8	0.0	55.3	0.0	0.06	0.02
245	-0.9	0.0	119.3	0.0	56.5	0.0	0.29	0.10
246	-0.9	0.0	167.0	0.0	57.1	0.0	0.41	0.13

LOAD CASE - 6

PILE	F1 K	F2 K	F3 K	M1 IN-K	M2 IN-K	M3 IN-K	ALF	CBF
1	0.9	0.0	164.7	0.0	-55.4	0.0	0.30	0.10
2	0.9	0.0	164.7	0.0	-55.4	0.0	0.30	0.10
3	0.9	0.0	164.7	0.0	-55.4	0.0	0.30	0.10
4	0.9	0.0	164.7	0.0	-55.4	0.0	0.30	0.10
5	0.9	0.0	164.7	0.0	-55.4	0.0	0.30	0.10
6	0.9	0.0	214.4	0.0	-54.8	0.0	0.40	0.13
7	0.9	0.0	214.4	0.0	-54.8	0.0	0.40	0.13
8	0.9	0.0	214.4	0.0	-54.8	0.0	0.40	0.13
9	0.9	0.0	214.4	0.0	-54.8	0.0	0.40	0.13
10	0.9	0.0	214.4	0.0	-54.8	0.0	0.40	0.13
11	0.9	0.0	264.2	0.0	-54.2	0.0	0.49	0.16
12	0.9	0.0	264.2	0.0	-54.2	0.0	0.49	0.16
13	0.9	0.0	264.2	0.0	-54.2	0.0	0.49	0.16
14	0.9	0.0	264.2	0.0	-54.2	0.0	0.49	0.16
15	0.9	0.0	264.2	0.0	-54.2	0.0	0.49	0.16
16	0.9	0.0	313.9	0.0	-53.6	0.0	0.58	0.19
17	0.9	0.0	313.9	0.0	-53.6	0.0	0.58	0.19
18	0.9	0.0	313.9	0.0	-53.6	0.0	0.58	0.19
19	0.9	0.0	313.9	0.0	-53.6	0.0	0.58	0.19
20	0.9	0.0	313.9	0.0	-53.6	0.0	0.58	0.19
21	0.9	0.0	363.6	0.0	-52.9	0.0	0.67	0.21
22	0.9	0.0	363.6	0.0	-52.9	0.0	0.67	0.21
23	0.9	0.0	363.6	0.0	-52.9	0.0	0.67	0.21
24	0.9	0.0	363.6	0.0	-52.9	0.0	0.67	0.21
25	0.9	0.0	363.6	0.0	-52.9	0.0	0.67	0.21
26	-0.9	0.0	-82.5	0.0	56.4	0.0	0.20	0.05
27	-0.9	0.0	-82.5	0.0	56.4	0.0	0.20	0.05
28	-0.9	0.0	-82.5	0.0	56.4	0.0	0.20	0.05
29	-0.9	0.0	-82.5	0.0	56.4	0.0	0.20	0.05
30	-0.9	0.0	-82.5	0.0	56.4	0.0	0.20	0.05
31	-0.9	0.0	16.9	0.0	57.7	0.0	0.03	0.01
32	-0.9	0.0	16.9	0.0	57.7	0.0	0.03	0.01
33	-0.9	0.0	16.9	0.0	57.7	0.0	0.03	0.01

EAST REV1 CRL TMPCPGA.OUT.txt

34	-0.9	0.0	16.9	0.0	57.7	0.0	0.03	0.01
35	-0.9	0.0	16.9	0.0	57.7	0.0	0.03	0.01
36	-1.0	0.0	116.3	0.0	58.9	0.0	0.21	0.07
37	-1.0	0.0	116.3	0.0	58.9	0.0	0.21	0.07
38	-1.0	0.0	116.3	0.0	58.9	0.0	0.21	0.07
39	-1.0	0.0	116.3	0.0	58.9	0.0	0.21	0.07
40	-1.0	0.0	116.3	0.0	58.9	0.0	0.21	0.07
41	-1.0	0.0	166.1	0.0	59.5	0.0	0.31	0.10
42	-1.0	0.0	166.1	0.0	59.5	0.0	0.31	0.10
43	-1.0	0.0	166.1	0.0	59.5	0.0	0.31	0.10
44	-1.0	0.0	166.1	0.0	59.5	0.0	0.31	0.10
45	-1.0	0.0	166.1	0.0	59.5	0.0	0.31	0.10
46	-1.0	0.0	215.8	0.0	60.1	0.0	0.40	0.13
47	-1.0	0.0	215.8	0.0	60.1	0.0	0.40	0.13
48	-1.0	0.0	215.8	0.0	60.1	0.0	0.40	0.13
49	-1.0	0.0	215.8	0.0	60.1	0.0	0.40	0.13
50	-1.0	0.0	215.8	0.0	60.1	0.0	0.40	0.13
51	-1.0	0.0	265.5	0.0	60.7	0.0	0.49	0.16
52	-1.0	0.0	265.5	0.0	60.7	0.0	0.49	0.16
53	-1.0	0.0	265.5	0.0	60.7	0.0	0.49	0.16
54	-1.0	0.0	265.5	0.0	60.7	0.0	0.49	0.16
55	-1.0	0.0	265.5	0.0	60.7	0.0	0.49	0.16
56	-1.0	0.0	315.2	0.0	61.4	0.0	0.58	0.19
57	-1.0	0.0	315.2	0.0	61.4	0.0	0.58	0.19
58	-1.0	0.0	315.2	0.0	61.4	0.0	0.58	0.19
59	-1.0	0.0	315.2	0.0	61.4	0.0	0.58	0.19
60	-1.0	0.0	315.2	0.0	61.4	0.0	0.58	0.19
61	0.9	0.0	164.7	0.0	-55.4	0.0	0.30	0.10
62	0.9	0.0	164.7	0.0	-55.4	0.0	0.30	0.10
63	0.9	0.0	164.7	0.0	-55.4	0.0	0.30	0.10
64	0.9	0.0	164.7	0.0	-55.4	0.0	0.30	0.10
65	0.9	0.0	164.7	0.0	-55.4	0.0	0.30	0.10
66	0.9	0.0	214.4	0.0	-54.8	0.0	0.40	0.13
67	0.9	0.0	214.4	0.0	-54.8	0.0	0.40	0.13
68	0.9	0.0	214.4	0.0	-54.8	0.0	0.40	0.13
69	0.9	0.0	214.4	0.0	-54.8	0.0	0.40	0.13
70	0.9	0.0	214.4	0.0	-54.8	0.0	0.40	0.13
71	0.9	0.0	264.2	0.0	-54.2	0.0	0.49	0.16
72	0.9	0.0	264.2	0.0	-54.2	0.0	0.49	0.16
73	0.9	0.0	264.2	0.0	-54.2	0.0	0.49	0.16
74	0.9	0.0	264.2	0.0	-54.2	0.0	0.49	0.16
75	0.9	0.0	264.2	0.0	-54.2	0.0	0.49	0.16
76	0.9	0.0	313.9	0.0	-53.6	0.0	0.58	0.19
77	0.9	0.0	313.9	0.0	-53.6	0.0	0.58	0.19
78	0.9	0.0	313.9	0.0	-53.6	0.0	0.58	0.19
79	0.9	0.0	313.9	0.0	-53.6	0.0	0.58	0.19
80	0.9	0.0	313.9	0.0	-53.6	0.0	0.58	0.19
81	0.9	0.0	363.6	0.0	-52.9	0.0	0.67	0.21

EAST REV1 CRL TMPCPGA.OUT.txt

82	0.9	0.0	363.6	0.0	-52.9	0.0	0.67	0.21
83	0.9	0.0	363.6	0.0	-52.9	0.0	0.67	0.21
84	0.9	0.0	363.6	0.0	-52.9	0.0	0.67	0.21
85	0.9	0.0	363.6	0.0	-52.9	0.0	0.67	0.21
86	-0.9	0.0	-82.5	0.0	56.4	0.0	0.20	0.05
87	-0.9	0.0	-82.5	0.0	56.4	0.0	0.20	0.05
88	-0.9	0.0	-82.5	0.0	56.4	0.0	0.20	0.05
89	-0.9	0.0	-82.5	0.0	56.4	0.0	0.20	0.05
90	-0.9	0.0	-82.5	0.0	56.4	0.0	0.20	0.05
91	-0.9	0.0	16.9	0.0	57.7	0.0	0.03	0.01
92	-0.9	0.0	16.9	0.0	57.7	0.0	0.03	0.01
93	-0.9	0.0	16.9	0.0	57.7	0.0	0.03	0.01
94	-0.9	0.0	16.9	0.0	57.7	0.0	0.03	0.01
95	-0.9	0.0	16.9	0.0	57.7	0.0	0.03	0.01
96	-1.0	0.0	116.3	0.0	58.9	0.0	0.21	0.07
97	-1.0	0.0	116.3	0.0	58.9	0.0	0.21	0.07
98	-1.0	0.0	116.3	0.0	58.9	0.0	0.21	0.07
99	-1.0	0.0	116.3	0.0	58.9	0.0	0.21	0.07
100	-1.0	0.0	116.3	0.0	58.9	0.0	0.21	0.07
101	-1.0	0.0	166.1	0.0	59.5	0.0	0.31	0.10
102	-1.0	0.0	166.1	0.0	59.5	0.0	0.31	0.10
103	-1.0	0.0	166.1	0.0	59.5	0.0	0.31	0.10
104	-1.0	0.0	166.1	0.0	59.5	0.0	0.31	0.10
105	-1.0	0.0	166.1	0.0	59.5	0.0	0.31	0.10
106	-1.0	0.0	215.8	0.0	60.1	0.0	0.40	0.13
107	-1.0	0.0	215.8	0.0	60.1	0.0	0.40	0.13
108	-1.0	0.0	215.8	0.0	60.1	0.0	0.40	0.13
109	-1.0	0.0	215.8	0.0	60.1	0.0	0.40	0.13
110	-1.0	0.0	215.8	0.0	60.1	0.0	0.40	0.13
111	-1.0	0.0	265.5	0.0	60.7	0.0	0.49	0.16
112	-1.0	0.0	265.5	0.0	60.7	0.0	0.49	0.16
113	-1.0	0.0	265.5	0.0	60.7	0.0	0.49	0.16
114	-1.0	0.0	265.5	0.0	60.7	0.0	0.49	0.16
115	-1.0	0.0	265.5	0.0	60.7	0.0	0.49	0.16
116	-1.0	0.0	315.2	0.0	61.4	0.0	0.58	0.19
117	-1.0	0.0	315.2	0.0	61.4	0.0	0.58	0.19
118	-1.0	0.0	315.2	0.0	61.4	0.0	0.58	0.19
119	-1.0	0.0	315.2	0.0	61.4	0.0	0.58	0.19
120	-1.0	0.0	315.2	0.0	61.4	0.0	0.58	0.19
121	0.9	0.0	164.7	0.0	-55.4	0.0	0.30	0.10
122	0.9	0.0	164.7	0.0	-55.4	0.0	0.30	0.10
123	0.9	0.0	164.7	0.0	-55.4	0.0	0.30	0.10
124	0.9	0.0	164.7	0.0	-55.4	0.0	0.30	0.10
125	0.9	0.0	164.7	0.0	-55.4	0.0	0.30	0.10
126	0.9	0.0	164.7	0.0	-55.4	0.0	0.30	0.10
127	0.9	0.0	164.7	0.0	-55.4	0.0	0.30	0.10
128	0.9	0.0	264.2	0.0	-54.2	0.0	0.49	0.16
129	0.9	0.0	264.2	0.0	-54.2	0.0	0.49	0.16

EAST REV1 CRL TMPCPGA.OUT.txt

130	0.9	0.0	264.2	0.0	-54.2	0.0	0.49	0.16
131	0.9	0.0	264.2	0.0	-54.2	0.0	0.49	0.16
132	0.9	0.0	264.2	0.0	-54.2	0.0	0.49	0.16
133	0.9	0.0	264.2	0.0	-54.2	0.0	0.49	0.16
134	0.9	0.0	264.2	0.0	-54.2	0.0	0.49	0.16
135	0.9	0.0	363.6	0.0	-52.9	0.0	0.67	0.21
136	0.9	0.0	363.6	0.0	-52.9	0.0	0.67	0.21
137	0.9	0.0	363.6	0.0	-52.9	0.0	0.67	0.21
138	0.9	0.0	363.6	0.0	-52.9	0.0	0.67	0.21
139	0.9	0.0	363.6	0.0	-52.9	0.0	0.67	0.21
140	0.9	0.0	363.6	0.0	-52.9	0.0	0.67	0.21
141	0.9	0.0	363.6	0.0	-52.9	0.0	0.67	0.21
142	-0.9	0.0	-82.5	0.0	56.4	0.0	0.20	0.05
143	-0.9	0.0	-82.5	0.0	56.4	0.0	0.20	0.05
144	-0.9	0.0	-82.5	0.0	56.4	0.0	0.20	0.05
145	-0.9	0.0	-82.5	0.0	56.4	0.0	0.20	0.05
146	-0.9	0.0	-82.5	0.0	56.4	0.0	0.20	0.05
147	-0.9	0.0	-82.5	0.0	56.4	0.0	0.20	0.05
148	-0.9	0.0	-82.5	0.0	56.4	0.0	0.20	0.05
149	-0.9	0.0	16.9	0.0	57.7	0.0	0.03	0.01
150	-0.9	0.0	16.9	0.0	57.7	0.0	0.03	0.01
151	-0.9	0.0	16.9	0.0	57.7	0.0	0.03	0.01
152	-0.9	0.0	16.9	0.0	57.7	0.0	0.03	0.01
153	-0.9	0.0	16.9	0.0	57.7	0.0	0.03	0.01
154	-0.9	0.0	16.9	0.0	57.7	0.0	0.03	0.01
155	-0.9	0.0	16.9	0.0	57.7	0.0	0.03	0.01
156	-1.0	0.0	116.3	0.0	58.9	0.0	0.21	0.07
157	-1.0	0.0	116.3	0.0	58.9	0.0	0.21	0.07
158	-1.0	0.0	116.3	0.0	58.9	0.0	0.21	0.07
159	-1.0	0.0	116.3	0.0	58.9	0.0	0.21	0.07
160	-1.0	0.0	116.3	0.0	58.9	0.0	0.21	0.07
161	-1.0	0.0	116.3	0.0	58.9	0.0	0.21	0.07
162	-1.0	0.0	116.3	0.0	58.9	0.0	0.21	0.07
163	-1.0	0.0	215.8	0.0	60.1	0.0	0.40	0.13
164	-1.0	0.0	215.8	0.0	60.1	0.0	0.40	0.13
165	-1.0	0.0	215.8	0.0	60.1	0.0	0.40	0.13
166	-1.0	0.0	215.8	0.0	60.1	0.0	0.40	0.13
167	-1.0	0.0	215.8	0.0	60.1	0.0	0.40	0.13
168	-1.0	0.0	215.8	0.0	60.1	0.0	0.40	0.13
169	-1.0	0.0	215.8	0.0	60.1	0.0	0.40	0.13
170	-1.0	0.0	315.2	0.0	61.4	0.0	0.58	0.19
171	-1.0	0.0	315.2	0.0	61.4	0.0	0.58	0.19
172	-1.0	0.0	315.2	0.0	61.4	0.0	0.58	0.19
173	-1.0	0.0	315.2	0.0	61.4	0.0	0.58	0.19
174	-1.0	0.0	315.2	0.0	61.4	0.0	0.58	0.19
175	-1.0	0.0	315.2	0.0	61.4	0.0	0.58	0.19
176	-1.0	0.0	315.2	0.0	61.4	0.0	0.58	0.19
177	0.9	0.0	214.4	0.0	-54.8	0.0	0.40	0.13

EAST REV1 CRL TMPCPGA.OUT.txt

178	0.9	0.0	261.5	0.0	-54.2	0.0	0.48	0.16
179	0.9	0.0	311.3	0.0	-53.6	0.0	0.58	0.18
180	0.9	0.0	361.0	0.0	-53.0	0.0	0.67	0.21
181	-0.9	0.0	-85.1	0.0	56.4	0.0	0.21	0.05
182	-0.9	0.0	14.3	0.0	57.6	0.0	0.03	0.01
183	-1.0	0.0	113.7	0.0	58.9	0.0	0.21	0.07
184	-1.0	0.0	163.4	0.0	59.5	0.0	0.30	0.10
185	-1.0	0.0	213.2	0.0	60.1	0.0	0.39	0.13
186	-1.0	0.0	262.9	0.0	60.7	0.0	0.49	0.16
187	0.9	0.0	261.5	0.0	-54.2	0.0	0.48	0.16
188	0.9	0.0	311.3	0.0	-53.6	0.0	0.58	0.18
189	0.9	0.0	361.0	0.0	-53.0	0.0	0.67	0.21
190	-0.9	0.0	-85.1	0.0	56.4	0.0	0.21	0.05
191	-0.9	0.0	14.3	0.0	57.6	0.0	0.03	0.01
192	-1.0	0.0	113.7	0.0	58.9	0.0	0.21	0.07
193	-1.0	0.0	163.4	0.0	59.5	0.0	0.30	0.10
194	-1.0	0.0	213.2	0.0	60.1	0.0	0.39	0.13
195	-1.0	0.0	262.9	0.0	60.7	0.0	0.49	0.16
196	0.9	0.0	214.4	0.0	-54.8	0.0	0.40	0.13
197	0.9	0.0	261.5	0.0	-54.2	0.0	0.48	0.16
198	0.9	0.0	311.3	0.0	-53.6	0.0	0.58	0.18
199	0.9	0.0	361.0	0.0	-53.0	0.0	0.67	0.21
200	-0.9	0.0	-85.1	0.0	56.4	0.0	0.21	0.05
201	-0.9	0.0	14.3	0.0	57.6	0.0	0.03	0.01
202	-1.0	0.0	113.7	0.0	58.9	0.0	0.21	0.07
203	-1.0	0.0	163.4	0.0	59.5	0.0	0.30	0.10
204	-1.0	0.0	213.2	0.0	60.1	0.0	0.39	0.13
205	-1.0	0.0	262.9	0.0	60.7	0.0	0.49	0.16
206	0.9	0.0	261.5	0.0	-54.2	0.0	0.48	0.16
207	0.9	0.0	311.3	0.0	-53.6	0.0	0.58	0.18
208	0.9	0.0	361.0	0.0	-53.0	0.0	0.67	0.21
209	-0.9	0.0	-85.1	0.0	56.4	0.0	0.21	0.05
210	-0.9	0.0	14.3	0.0	57.6	0.0	0.03	0.01
211	-1.0	0.0	113.7	0.0	58.9	0.0	0.21	0.07
212	-1.0	0.0	163.4	0.0	59.5	0.0	0.30	0.10
213	-1.0	0.0	213.2	0.0	60.1	0.0	0.39	0.13
214	-1.0	0.0	262.9	0.0	60.7	0.0	0.49	0.16
215	0.9	0.0	313.9	0.0	-53.6	0.0	0.58	0.19
216	0.9	0.0	363.6	0.0	-52.9	0.0	0.67	0.21
217	0.9	0.0	363.6	0.0	-52.9	0.0	0.67	0.21
218	-1.0	0.0	215.8	0.0	60.1	0.0	0.40	0.13
219	-0.9	0.0	-82.5	0.0	56.4	0.0	0.20	0.05
220	-0.9	0.0	16.9	0.0	57.7	0.0	0.03	0.01
221	-1.0	0.0	116.3	0.0	58.9	0.0	0.21	0.07
222	-1.0	0.0	166.1	0.0	59.5	0.0	0.31	0.10
223	-0.9	0.0	-82.5	0.0	56.4	0.0	0.20	0.05
224	-0.9	0.0	16.9	0.0	57.7	0.0	0.03	0.01
225	-1.0	0.0	116.3	0.0	58.9	0.0	0.21	0.07

EAST REV1 CRL TMPCPGA.OUT.txt

226	-1.0	0.0	166.1	0.0	59.5	0.0	0.31	0.10
227	-0.9	0.0	-82.5	0.0	56.4	0.0	0.20	0.05
228	-0.9	0.0	16.9	0.0	57.7	0.0	0.03	0.01
229	-1.0	0.0	116.3	0.0	58.9	0.0	0.21	0.07
230	-1.0	0.0	166.1	0.0	59.5	0.0	0.31	0.10
231	0.9	0.0	313.9	0.0	-53.6	0.0	0.58	0.19
232	0.9	0.0	363.6	0.0	-52.9	0.0	0.67	0.21
233	0.9	0.0	363.6	0.0	-52.9	0.0	0.67	0.21
234	-1.0	0.0	215.8	0.0	60.1	0.0	0.40	0.13
235	-0.9	0.0	-82.5	0.0	56.4	0.0	0.20	0.05
236	-0.9	0.0	16.9	0.0	57.7	0.0	0.03	0.01
237	-1.0	0.0	116.3	0.0	58.9	0.0	0.21	0.07
238	-1.0	0.0	166.1	0.0	59.5	0.0	0.31	0.10
239	-0.9	0.0	-82.5	0.0	56.4	0.0	0.20	0.05
240	-0.9	0.0	16.9	0.0	57.7	0.0	0.03	0.01
241	-1.0	0.0	116.3	0.0	58.9	0.0	0.21	0.07
242	-1.0	0.0	166.1	0.0	59.5	0.0	0.31	0.10
243	-0.9	0.0	-82.5	0.0	56.4	0.0	0.20	0.05
244	-0.9	0.0	16.9	0.0	57.7	0.0	0.03	0.01
245	-1.0	0.0	116.3	0.0	58.9	0.0	0.21	0.07
246	-1.0	0.0	166.1	0.0	59.5	0.0	0.31	0.10

LOAD CASE - 7

PILE	F1 K	F2 K	F3 K	M1 IN-K	M2 IN-K	M3 IN-K	ALF	CBF
1	-0.7	0.0	133.8	0.0	43.6	0.0	0.25	0.08
2	-0.7	0.0	133.8	0.0	43.6	0.0	0.25	0.08
3	-0.7	0.0	133.8	0.0	43.6	0.0	0.25	0.08
4	-0.7	0.0	133.8	0.0	43.6	0.0	0.25	0.08
5	-0.7	0.0	133.8	0.0	43.6	0.0	0.25	0.08
6	-0.7	0.0	102.8	0.0	43.3	0.0	0.19	0.06
7	-0.7	0.0	102.8	0.0	43.3	0.0	0.19	0.06
8	-0.7	0.0	102.8	0.0	43.3	0.0	0.19	0.06
9	-0.7	0.0	102.8	0.0	43.3	0.0	0.19	0.06
10	-0.7	0.0	102.8	0.0	43.3	0.0	0.19	0.06
11	-0.7	0.0	71.7	0.0	42.9	0.0	0.13	0.04
12	-0.7	0.0	71.7	0.0	42.9	0.0	0.13	0.04
13	-0.7	0.0	71.7	0.0	42.9	0.0	0.13	0.04
14	-0.7	0.0	71.7	0.0	42.9	0.0	0.13	0.04
15	-0.7	0.0	71.7	0.0	42.9	0.0	0.13	0.04
16	-0.7	0.0	40.7	0.0	42.5	0.0	0.08	0.03
17	-0.7	0.0	40.7	0.0	42.5	0.0	0.08	0.03
18	-0.7	0.0	40.7	0.0	42.5	0.0	0.08	0.03
19	-0.7	0.0	40.7	0.0	42.5	0.0	0.08	0.03
20	-0.7	0.0	40.7	0.0	42.5	0.0	0.08	0.03

EAST REV1 CRL TMPCPGA.OUT.txt

21	-0.7	0.0	9.7	0.0	42.1	0.0	0.02	0.01
22	-0.7	0.0	9.7	0.0	42.1	0.0	0.02	0.01
23	-0.7	0.0	9.7	0.0	42.1	0.0	0.02	0.01
24	-0.7	0.0	9.7	0.0	42.1	0.0	0.02	0.01
25	-0.7	0.0	9.7	0.0	42.1	0.0	0.02	0.01
26	0.6	0.0	346.3	0.0	-37.7	0.0	0.64	0.20
27	0.6	0.0	346.3	0.0	-37.7	0.0	0.64	0.20
28	0.6	0.0	346.3	0.0	-37.7	0.0	0.64	0.20
29	0.6	0.0	346.3	0.0	-37.7	0.0	0.64	0.20
30	0.6	0.0	346.3	0.0	-37.7	0.0	0.64	0.20
31	0.6	0.0	284.2	0.0	-38.5	0.0	0.53	0.17
32	0.6	0.0	284.2	0.0	-38.5	0.0	0.53	0.17
33	0.6	0.0	284.2	0.0	-38.5	0.0	0.53	0.17
34	0.6	0.0	284.2	0.0	-38.5	0.0	0.53	0.17
35	0.6	0.0	284.2	0.0	-38.5	0.0	0.53	0.17
36	0.6	0.0	222.1	0.0	-39.2	0.0	0.41	0.13
37	0.6	0.0	222.1	0.0	-39.2	0.0	0.41	0.13
38	0.6	0.0	222.1	0.0	-39.2	0.0	0.41	0.13
39	0.6	0.0	222.1	0.0	-39.2	0.0	0.41	0.13
40	0.6	0.0	222.1	0.0	-39.2	0.0	0.41	0.13
41	0.6	0.0	191.1	0.0	-39.6	0.0	0.35	0.11
42	0.6	0.0	191.1	0.0	-39.6	0.0	0.35	0.11
43	0.6	0.0	191.1	0.0	-39.6	0.0	0.35	0.11
44	0.6	0.0	191.1	0.0	-39.6	0.0	0.35	0.11
45	0.6	0.0	191.1	0.0	-39.6	0.0	0.35	0.11
46	0.7	0.0	160.1	0.0	-40.0	0.0	0.30	0.10
47	0.7	0.0	160.1	0.0	-40.0	0.0	0.30	0.10
48	0.7	0.0	160.1	0.0	-40.0	0.0	0.30	0.10
49	0.7	0.0	160.1	0.0	-40.0	0.0	0.30	0.10
50	0.7	0.0	160.1	0.0	-40.0	0.0	0.30	0.10
51	0.7	0.0	129.0	0.0	-40.4	0.0	0.24	0.08
52	0.7	0.0	129.0	0.0	-40.4	0.0	0.24	0.08
53	0.7	0.0	129.0	0.0	-40.4	0.0	0.24	0.08
54	0.7	0.0	129.0	0.0	-40.4	0.0	0.24	0.08
55	0.7	0.0	129.0	0.0	-40.4	0.0	0.24	0.08
56	0.7	0.0	98.0	0.0	-40.8	0.0	0.18	0.06
57	0.7	0.0	98.0	0.0	-40.8	0.0	0.18	0.06
58	0.7	0.0	98.0	0.0	-40.8	0.0	0.18	0.06
59	0.7	0.0	98.0	0.0	-40.8	0.0	0.18	0.06
60	0.7	0.0	98.0	0.0	-40.8	0.0	0.18	0.06
61	-0.7	0.0	133.8	0.0	43.6	0.0	0.25	0.08
62	-0.7	0.0	133.8	0.0	43.6	0.0	0.25	0.08
63	-0.7	0.0	133.8	0.0	43.6	0.0	0.25	0.08
64	-0.7	0.0	133.8	0.0	43.6	0.0	0.25	0.08
65	-0.7	0.0	133.8	0.0	43.6	0.0	0.25	0.08
66	-0.7	0.0	102.8	0.0	43.3	0.0	0.19	0.06
67	-0.7	0.0	102.8	0.0	43.3	0.0	0.19	0.06
68	-0.7	0.0	102.8	0.0	43.3	0.0	0.19	0.06



EAST REV1 CRL TMPCPGA.OUT.txt

69	-0.7	0.0	102.8	0.0	43.3	0.0	0.19	0.06
70	-0.7	0.0	102.8	0.0	43.3	0.0	0.19	0.06
71	-0.7	0.0	71.7	0.0	42.9	0.0	0.13	0.04
72	-0.7	0.0	71.7	0.0	42.9	0.0	0.13	0.04
73	-0.7	0.0	71.7	0.0	42.9	0.0	0.13	0.04
74	-0.7	0.0	71.7	0.0	42.9	0.0	0.13	0.04
75	-0.7	0.0	71.7	0.0	42.9	0.0	0.13	0.04
76	-0.7	0.0	40.7	0.0	42.5	0.0	0.08	0.03
77	-0.7	0.0	40.7	0.0	42.5	0.0	0.08	0.03
78	-0.7	0.0	40.7	0.0	42.5	0.0	0.08	0.03
79	-0.7	0.0	40.7	0.0	42.5	0.0	0.08	0.03
80	-0.7	0.0	40.7	0.0	42.5	0.0	0.08	0.03
81	-0.7	0.0	9.7	0.0	42.1	0.0	0.02	0.01
82	-0.7	0.0	9.7	0.0	42.1	0.0	0.02	0.01
83	-0.7	0.0	9.7	0.0	42.1	0.0	0.02	0.01
84	-0.7	0.0	9.7	0.0	42.1	0.0	0.02	0.01
85	-0.7	0.0	9.7	0.0	42.1	0.0	0.02	0.01
86	0.6	0.0	346.3	0.0	-37.7	0.0	0.64	0.20
87	0.6	0.0	346.3	0.0	-37.7	0.0	0.64	0.20
88	0.6	0.0	346.3	0.0	-37.7	0.0	0.64	0.20
89	0.6	0.0	346.3	0.0	-37.7	0.0	0.64	0.20
90	0.6	0.0	346.3	0.0	-37.7	0.0	0.64	0.20
91	0.6	0.0	284.2	0.0	-38.5	0.0	0.53	0.17
92	0.6	0.0	284.2	0.0	-38.5	0.0	0.53	0.17
93	0.6	0.0	284.2	0.0	-38.5	0.0	0.53	0.17
94	0.6	0.0	284.2	0.0	-38.5	0.0	0.53	0.17
95	0.6	0.0	284.2	0.0	-38.5	0.0	0.53	0.17
96	0.6	0.0	222.1	0.0	-39.2	0.0	0.41	0.13
97	0.6	0.0	222.1	0.0	-39.2	0.0	0.41	0.13
98	0.6	0.0	222.1	0.0	-39.2	0.0	0.41	0.13
99	0.6	0.0	222.1	0.0	-39.2	0.0	0.41	0.13
100	0.6	0.0	222.1	0.0	-39.2	0.0	0.41	0.13
101	0.6	0.0	191.1	0.0	-39.6	0.0	0.35	0.11
102	0.6	0.0	191.1	0.0	-39.6	0.0	0.35	0.11
103	0.6	0.0	191.1	0.0	-39.6	0.0	0.35	0.11
104	0.6	0.0	191.1	0.0	-39.6	0.0	0.35	0.11
105	0.6	0.0	191.1	0.0	-39.6	0.0	0.35	0.11
106	0.7	0.0	160.1	0.0	-40.0	0.0	0.30	0.10
107	0.7	0.0	160.1	0.0	-40.0	0.0	0.30	0.10
108	0.7	0.0	160.1	0.0	-40.0	0.0	0.30	0.10
109	0.7	0.0	160.1	0.0	-40.0	0.0	0.30	0.10
110	0.7	0.0	160.1	0.0	-40.0	0.0	0.30	0.10
111	0.7	0.0	129.0	0.0	-40.4	0.0	0.24	0.08
112	0.7	0.0	129.0	0.0	-40.4	0.0	0.24	0.08
113	0.7	0.0	129.0	0.0	-40.4	0.0	0.24	0.08
114	0.7	0.0	129.0	0.0	-40.4	0.0	0.24	0.08
115	0.7	0.0	129.0	0.0	-40.4	0.0	0.24	0.08
116	0.7	0.0	98.0	0.0	-40.8	0.0	0.18	0.06

EAST REV1 CRL TMPCPGA.OUT.txt

117	0.7	0.0	98.0	0.0	-40.8	0.0	0.18	0.06
118	0.7	0.0	98.0	0.0	-40.8	0.0	0.18	0.06
119	0.7	0.0	98.0	0.0	-40.8	0.0	0.18	0.06
120	0.7	0.0	98.0	0.0	-40.8	0.0	0.18	0.06
121	-0.7	0.0	133.8	0.0	43.6	0.0	0.25	0.08
122	-0.7	0.0	133.8	0.0	43.6	0.0	0.25	0.08
123	-0.7	0.0	133.8	0.0	43.6	0.0	0.25	0.08
124	-0.7	0.0	133.8	0.0	43.6	0.0	0.25	0.08
125	-0.7	0.0	133.8	0.0	43.6	0.0	0.25	0.08
126	-0.7	0.0	133.8	0.0	43.6	0.0	0.25	0.08
127	-0.7	0.0	133.8	0.0	43.6	0.0	0.25	0.08
128	-0.7	0.0	71.7	0.0	42.9	0.0	0.13	0.04
129	-0.7	0.0	71.7	0.0	42.9	0.0	0.13	0.04
130	-0.7	0.0	71.7	0.0	42.9	0.0	0.13	0.04
131	-0.7	0.0	71.7	0.0	42.9	0.0	0.13	0.04
132	-0.7	0.0	71.7	0.0	42.9	0.0	0.13	0.04
133	-0.7	0.0	71.7	0.0	42.9	0.0	0.13	0.04
134	-0.7	0.0	71.7	0.0	42.9	0.0	0.13	0.04
135	-0.7	0.0	9.7	0.0	42.1	0.0	0.02	0.01
136	-0.7	0.0	9.7	0.0	42.1	0.0	0.02	0.01
137	-0.7	0.0	9.7	0.0	42.1	0.0	0.02	0.01
138	-0.7	0.0	9.7	0.0	42.1	0.0	0.02	0.01
139	-0.7	0.0	9.7	0.0	42.1	0.0	0.02	0.01
140	-0.7	0.0	9.7	0.0	42.1	0.0	0.02	0.01
141	-0.7	0.0	9.7	0.0	42.1	0.0	0.02	0.01
142	0.6	0.0	346.3	0.0	-37.7	0.0	0.64	0.20
143	0.6	0.0	346.3	0.0	-37.7	0.0	0.64	0.20
144	0.6	0.0	346.3	0.0	-37.7	0.0	0.64	0.20
145	0.6	0.0	346.3	0.0	-37.7	0.0	0.64	0.20
146	0.6	0.0	346.3	0.0	-37.7	0.0	0.64	0.20
147	0.6	0.0	346.3	0.0	-37.7	0.0	0.64	0.20
148	0.6	0.0	346.3	0.0	-37.7	0.0	0.64	0.20
149	0.6	0.0	284.2	0.0	-38.5	0.0	0.53	0.17
150	0.6	0.0	284.2	0.0	-38.5	0.0	0.53	0.17
151	0.6	0.0	284.2	0.0	-38.5	0.0	0.53	0.17
152	0.6	0.0	284.2	0.0	-38.5	0.0	0.53	0.17
153	0.6	0.0	284.2	0.0	-38.5	0.0	0.53	0.17
154	0.6	0.0	284.2	0.0	-38.5	0.0	0.53	0.17
155	0.6	0.0	284.2	0.0	-38.5	0.0	0.53	0.17
156	0.6	0.0	222.1	0.0	-39.2	0.0	0.41	0.13
157	0.6	0.0	222.1	0.0	-39.2	0.0	0.41	0.13
158	0.6	0.0	222.1	0.0	-39.2	0.0	0.41	0.13
159	0.6	0.0	222.1	0.0	-39.2	0.0	0.41	0.13
160	0.6	0.0	222.1	0.0	-39.2	0.0	0.41	0.13
161	0.6	0.0	222.1	0.0	-39.2	0.0	0.41	0.13
162	0.6	0.0	222.1	0.0	-39.2	0.0	0.41	0.13
163	0.7	0.0	160.1	0.0	-40.0	0.0	0.30	0.10
164	0.7	0.0	160.1	0.0	-40.0	0.0	0.30	0.10

EAST REV1 CRL TMPCPGA.OUT.txt

165	0.7	0.0	160.1	0.0	-40.0	0.0	0.30	0.10
166	0.7	0.0	160.1	0.0	-40.0	0.0	0.30	0.10
167	0.7	0.0	160.1	0.0	-40.0	0.0	0.30	0.10
168	0.7	0.0	160.1	0.0	-40.0	0.0	0.30	0.10
169	0.7	0.0	160.1	0.0	-40.0	0.0	0.30	0.10
170	0.7	0.0	98.0	0.0	-40.8	0.0	0.18	0.06
171	0.7	0.0	98.0	0.0	-40.8	0.0	0.18	0.06
172	0.7	0.0	98.0	0.0	-40.8	0.0	0.18	0.06
173	0.7	0.0	98.0	0.0	-40.8	0.0	0.18	0.06
174	0.7	0.0	98.0	0.0	-40.8	0.0	0.18	0.06
175	0.7	0.0	98.0	0.0	-40.8	0.0	0.18	0.06
176	0.7	0.0	98.0	0.0	-40.8	0.0	0.18	0.06
177	-0.7	0.0	102.8	0.0	43.3	0.0	0.19	0.06
178	-0.7	0.0	73.4	0.0	42.9	0.0	0.14	0.05
179	-0.7	0.0	42.3	0.0	42.5	0.0	0.08	0.03
180	-0.7	0.0	11.3	0.0	42.1	0.0	0.02	0.01
181	0.6	0.0	347.9	0.0	-37.7	0.0	0.64	0.20
182	0.6	0.0	285.8	0.0	-38.4	0.0	0.53	0.17
183	0.6	0.0	223.8	0.0	-39.2	0.0	0.41	0.13
184	0.6	0.0	192.7	0.0	-39.6	0.0	0.36	0.11
185	0.6	0.0	161.7	0.0	-40.0	0.0	0.30	0.10
186	0.7	0.0	130.7	0.0	-40.4	0.0	0.24	0.08
187	-0.7	0.0	73.4	0.0	42.9	0.0	0.14	0.05
188	-0.7	0.0	42.3	0.0	42.5	0.0	0.08	0.03
189	-0.7	0.0	11.3	0.0	42.1	0.0	0.02	0.01
190	0.6	0.0	347.9	0.0	-37.7	0.0	0.64	0.20
191	0.6	0.0	285.8	0.0	-38.4	0.0	0.53	0.17
192	0.6	0.0	223.8	0.0	-39.2	0.0	0.41	0.13
193	0.6	0.0	192.7	0.0	-39.6	0.0	0.36	0.11
194	0.6	0.0	161.7	0.0	-40.0	0.0	0.30	0.10
195	0.7	0.0	130.7	0.0	-40.4	0.0	0.24	0.08
196	-0.7	0.0	102.8	0.0	43.3	0.0	0.19	0.06
197	-0.7	0.0	73.4	0.0	42.9	0.0	0.14	0.05
198	-0.7	0.0	42.3	0.0	42.5	0.0	0.08	0.03
199	-0.7	0.0	11.3	0.0	42.1	0.0	0.02	0.01
200	0.6	0.0	347.9	0.0	-37.7	0.0	0.64	0.20
201	0.6	0.0	285.8	0.0	-38.4	0.0	0.53	0.17
202	0.6	0.0	223.8	0.0	-39.2	0.0	0.41	0.13
203	0.6	0.0	192.7	0.0	-39.6	0.0	0.36	0.11
204	0.6	0.0	161.7	0.0	-40.0	0.0	0.30	0.10
205	0.7	0.0	130.7	0.0	-40.4	0.0	0.24	0.08
206	-0.7	0.0	73.4	0.0	42.9	0.0	0.14	0.05
207	-0.7	0.0	42.3	0.0	42.5	0.0	0.08	0.03
208	-0.7	0.0	11.3	0.0	42.1	0.0	0.02	0.01
209	0.6	0.0	347.9	0.0	-37.7	0.0	0.64	0.20
210	0.6	0.0	285.8	0.0	-38.4	0.0	0.53	0.17
211	0.6	0.0	223.8	0.0	-39.2	0.0	0.41	0.13
212	0.6	0.0	192.7	0.0	-39.6	0.0	0.36	0.11

EAST REV1 CRL TMPCPGA.OUT.txt

213	0.6	0.0	161.7	0.0	-40.0	0.0	0.30	0.10
214	0.7	0.0	130.7	0.0	-40.4	0.0	0.24	0.08
215	-0.7	0.0	40.7	0.0	42.5	0.0	0.08	0.03
216	-0.7	0.0	9.7	0.0	42.1	0.0	0.02	0.01
217	-0.7	0.0	9.7	0.0	42.1	0.0	0.02	0.01
218	0.7	0.0	160.1	0.0	-40.0	0.0	0.30	0.10
219	0.6	0.0	346.3	0.0	-37.7	0.0	0.64	0.20
220	0.6	0.0	284.2	0.0	-38.5	0.0	0.53	0.17
221	0.6	0.0	222.1	0.0	-39.2	0.0	0.41	0.13
222	0.6	0.0	191.1	0.0	-39.6	0.0	0.35	0.11
223	0.6	0.0	346.3	0.0	-37.7	0.0	0.64	0.20
224	0.6	0.0	284.2	0.0	-38.5	0.0	0.53	0.17
225	0.6	0.0	222.1	0.0	-39.2	0.0	0.41	0.13
226	0.6	0.0	191.1	0.0	-39.6	0.0	0.35	0.11
227	0.6	0.0	346.3	0.0	-37.7	0.0	0.64	0.20
228	0.6	0.0	284.2	0.0	-38.5	0.0	0.53	0.17
229	0.6	0.0	222.1	0.0	-39.2	0.0	0.41	0.13
230	0.6	0.0	191.1	0.0	-39.6	0.0	0.35	0.11
231	-0.7	0.0	40.7	0.0	42.5	0.0	0.08	0.03
232	-0.7	0.0	9.7	0.0	42.1	0.0	0.02	0.01
233	-0.7	0.0	9.7	0.0	42.1	0.0	0.02	0.01
234	0.7	0.0	160.1	0.0	-40.0	0.0	0.30	0.10
235	0.6	0.0	346.3	0.0	-37.7	0.0	0.64	0.20
236	0.6	0.0	284.2	0.0	-38.5	0.0	0.53	0.17
237	0.6	0.0	222.1	0.0	-39.2	0.0	0.41	0.13
238	0.6	0.0	191.1	0.0	-39.6	0.0	0.35	0.11
239	0.6	0.0	346.3	0.0	-37.7	0.0	0.64	0.20
240	0.6	0.0	284.2	0.0	-38.5	0.0	0.53	0.17
241	0.6	0.0	222.1	0.0	-39.2	0.0	0.41	0.13
242	0.6	0.0	191.1	0.0	-39.6	0.0	0.35	0.11
243	0.6	0.0	346.3	0.0	-37.7	0.0	0.64	0.20
244	0.6	0.0	284.2	0.0	-38.5	0.0	0.53	0.17
245	0.6	0.0	222.1	0.0	-39.2	0.0	0.41	0.13
246	0.6	0.0	191.1	0.0	-39.6	0.0	0.35	0.11

LOAD CASE - 8

PILE	F1 K	F2 K	F3 K	M1 IN-K	M2 IN-K	M3 IN-K	ALF	CBF
1	0.2	0.0	17.9	0.0	-13.3	0.0	0.04	0.01
2	0.2	0.0	17.9	0.0	-13.3	0.0	0.04	0.01
3	0.2	0.0	17.9	0.0	-13.3	0.0	0.04	0.01
4	0.2	0.0	17.9	0.0	-13.3	0.0	0.04	0.01
5	0.2	0.0	17.9	0.0	-13.3	0.0	0.04	0.01
6	0.2	0.0	31.8	0.0	-13.1	0.0	0.07	0.02
7	0.2	0.0	31.8	0.0	-13.1	0.0	0.07	0.02

EAST REV1 CRL TMPCPGA.OUT.txt

8	0.2	0.0	31.8	0.0	-13.1	0.0	0.07	0.02
9	0.2	0.0	31.8	0.0	-13.1	0.0	0.07	0.02
10	0.2	0.0	31.8	0.0	-13.1	0.0	0.07	0.02
11	0.2	0.0	45.7	0.0	-12.9	0.0	0.10	0.03
12	0.2	0.0	45.7	0.0	-12.9	0.0	0.10	0.03
13	0.2	0.0	45.7	0.0	-12.9	0.0	0.10	0.03
14	0.2	0.0	45.7	0.0	-12.9	0.0	0.10	0.03
15	0.2	0.0	45.7	0.0	-12.9	0.0	0.10	0.03
16	0.2	0.0	59.6	0.0	-12.7	0.0	0.13	0.04
17	0.2	0.0	59.6	0.0	-12.7	0.0	0.13	0.04
18	0.2	0.0	59.6	0.0	-12.7	0.0	0.13	0.04
19	0.2	0.0	59.6	0.0	-12.7	0.0	0.13	0.04
20	0.2	0.0	59.6	0.0	-12.7	0.0	0.13	0.04
21	0.2	0.0	73.4	0.0	-12.6	0.0	0.16	0.05
22	0.2	0.0	73.4	0.0	-12.6	0.0	0.16	0.05
23	0.2	0.0	73.4	0.0	-12.6	0.0	0.16	0.05
24	0.2	0.0	73.4	0.0	-12.6	0.0	0.16	0.05
25	0.2	0.0	73.4	0.0	-12.6	0.0	0.16	0.05
26	-0.2	0.0	-26.7	0.0	13.1	0.0	0.07	0.02
27	-0.2	0.0	-26.7	0.0	13.1	0.0	0.07	0.02
28	-0.2	0.0	-26.7	0.0	13.1	0.0	0.07	0.02
29	-0.2	0.0	-26.7	0.0	13.1	0.0	0.07	0.02
30	-0.2	0.0	-26.7	0.0	13.1	0.0	0.07	0.02
31	-0.2	0.0	1.0	0.0	13.5	0.0	0.00	0.00
32	-0.2	0.0	1.0	0.0	13.5	0.0	0.00	0.00
33	-0.2	0.0	1.0	0.0	13.5	0.0	0.00	0.00
34	-0.2	0.0	1.0	0.0	13.5	0.0	0.00	0.00
35	-0.2	0.0	1.0	0.0	13.5	0.0	0.00	0.00
36	-0.2	0.0	28.8	0.0	13.8	0.0	0.06	0.02
37	-0.2	0.0	28.8	0.0	13.8	0.0	0.06	0.02
38	-0.2	0.0	28.8	0.0	13.8	0.0	0.06	0.02
39	-0.2	0.0	28.8	0.0	13.8	0.0	0.06	0.02
40	-0.2	0.0	28.8	0.0	13.8	0.0	0.06	0.02
41	-0.2	0.0	42.7	0.0	14.0	0.0	0.09	0.03
42	-0.2	0.0	42.7	0.0	14.0	0.0	0.09	0.03
43	-0.2	0.0	42.7	0.0	14.0	0.0	0.09	0.03
44	-0.2	0.0	42.7	0.0	14.0	0.0	0.09	0.03
45	-0.2	0.0	42.7	0.0	14.0	0.0	0.09	0.03
46	-0.2	0.0	56.6	0.0	14.2	0.0	0.12	0.04
47	-0.2	0.0	56.6	0.0	14.2	0.0	0.12	0.04
48	-0.2	0.0	56.6	0.0	14.2	0.0	0.12	0.04
49	-0.2	0.0	56.6	0.0	14.2	0.0	0.12	0.04
50	-0.2	0.0	56.6	0.0	14.2	0.0	0.12	0.04
51	-0.2	0.0	70.5	0.0	14.3	0.0	0.15	0.05
52	-0.2	0.0	70.5	0.0	14.3	0.0	0.15	0.05
53	-0.2	0.0	70.5	0.0	14.3	0.0	0.15	0.05
54	-0.2	0.0	70.5	0.0	14.3	0.0	0.15	0.05
55	-0.2	0.0	70.5	0.0	14.3	0.0	0.15	0.05

EAST REV1 CRL TMPCPGA.OUT.txt

56	-0.2	0.0	84.3	0.0	14.5	0.0	0.18	0.06
57	-0.2	0.0	84.3	0.0	14.5	0.0	0.18	0.06
58	-0.2	0.0	84.3	0.0	14.5	0.0	0.18	0.06
59	-0.2	0.0	84.3	0.0	14.5	0.0	0.18	0.06
60	-0.2	0.0	84.3	0.0	14.5	0.0	0.18	0.06
61	0.2	0.0	17.9	0.0	-13.3	0.0	0.04	0.01
62	0.2	0.0	17.9	0.0	-13.3	0.0	0.04	0.01
63	0.2	0.0	17.9	0.0	-13.3	0.0	0.04	0.01
64	0.2	0.0	17.9	0.0	-13.3	0.0	0.04	0.01
65	0.2	0.0	17.9	0.0	-13.3	0.0	0.04	0.01
66	0.2	0.0	31.8	0.0	-13.1	0.0	0.07	0.02
67	0.2	0.0	31.8	0.0	-13.1	0.0	0.07	0.02
68	0.2	0.0	31.8	0.0	-13.1	0.0	0.07	0.02
69	0.2	0.0	31.8	0.0	-13.1	0.0	0.07	0.02
70	0.2	0.0	31.8	0.0	-13.1	0.0	0.07	0.02
71	0.2	0.0	45.7	0.0	-12.9	0.0	0.10	0.03
72	0.2	0.0	45.7	0.0	-12.9	0.0	0.10	0.03
73	0.2	0.0	45.7	0.0	-12.9	0.0	0.10	0.03
74	0.2	0.0	45.7	0.0	-12.9	0.0	0.10	0.03
75	0.2	0.0	45.7	0.0	-12.9	0.0	0.10	0.03
76	0.2	0.0	59.6	0.0	-12.7	0.0	0.13	0.04
77	0.2	0.0	59.6	0.0	-12.7	0.0	0.13	0.04
78	0.2	0.0	59.6	0.0	-12.7	0.0	0.13	0.04
79	0.2	0.0	59.6	0.0	-12.7	0.0	0.13	0.04
80	0.2	0.0	59.6	0.0	-12.7	0.0	0.13	0.04
81	0.2	0.0	73.4	0.0	-12.6	0.0	0.16	0.05
82	0.2	0.0	73.4	0.0	-12.6	0.0	0.16	0.05
83	0.2	0.0	73.4	0.0	-12.6	0.0	0.16	0.05
84	0.2	0.0	73.4	0.0	-12.6	0.0	0.16	0.05
85	0.2	0.0	73.4	0.0	-12.6	0.0	0.16	0.05
86	-0.2	0.0	-26.7	0.0	13.1	0.0	0.07	0.02
87	-0.2	0.0	-26.7	0.0	13.1	0.0	0.07	0.02
88	-0.2	0.0	-26.7	0.0	13.1	0.0	0.07	0.02
89	-0.2	0.0	-26.7	0.0	13.1	0.0	0.07	0.02
90	-0.2	0.0	-26.7	0.0	13.1	0.0	0.07	0.02
91	-0.2	0.0	1.0	0.0	13.5	0.0	0.00	0.00
92	-0.2	0.0	1.0	0.0	13.5	0.0	0.00	0.00
93	-0.2	0.0	1.0	0.0	13.5	0.0	0.00	0.00
94	-0.2	0.0	1.0	0.0	13.5	0.0	0.00	0.00
95	-0.2	0.0	1.0	0.0	13.5	0.0	0.00	0.00
96	-0.2	0.0	28.8	0.0	13.8	0.0	0.06	0.02
97	-0.2	0.0	28.8	0.0	13.8	0.0	0.06	0.02
98	-0.2	0.0	28.8	0.0	13.8	0.0	0.06	0.02
99	-0.2	0.0	28.8	0.0	13.8	0.0	0.06	0.02
100	-0.2	0.0	28.8	0.0	13.8	0.0	0.06	0.02
101	-0.2	0.0	42.7	0.0	14.0	0.0	0.09	0.03
102	-0.2	0.0	42.7	0.0	14.0	0.0	0.09	0.03
103	-0.2	0.0	42.7	0.0	14.0	0.0	0.09	0.03

EAST REV1 CRL TMPCPGA.OUT.txt

104	-0.2	0.0	42.7	0.0	14.0	0.0	0.09	0.03
105	-0.2	0.0	42.7	0.0	14.0	0.0	0.09	0.03
106	-0.2	0.0	56.6	0.0	14.2	0.0	0.12	0.04
107	-0.2	0.0	56.6	0.0	14.2	0.0	0.12	0.04
108	-0.2	0.0	56.6	0.0	14.2	0.0	0.12	0.04
109	-0.2	0.0	56.6	0.0	14.2	0.0	0.12	0.04
110	-0.2	0.0	56.6	0.0	14.2	0.0	0.12	0.04
111	-0.2	0.0	70.5	0.0	14.3	0.0	0.15	0.05
112	-0.2	0.0	70.5	0.0	14.3	0.0	0.15	0.05
113	-0.2	0.0	70.5	0.0	14.3	0.0	0.15	0.05
114	-0.2	0.0	70.5	0.0	14.3	0.0	0.15	0.05
115	-0.2	0.0	70.5	0.0	14.3	0.0	0.15	0.05
116	-0.2	0.0	84.3	0.0	14.5	0.0	0.18	0.06
117	-0.2	0.0	84.3	0.0	14.5	0.0	0.18	0.06
118	-0.2	0.0	84.3	0.0	14.5	0.0	0.18	0.06
119	-0.2	0.0	84.3	0.0	14.5	0.0	0.18	0.06
120	-0.2	0.0	84.3	0.0	14.5	0.0	0.18	0.06
121	0.2	0.0	17.9	0.0	-13.3	0.0	0.04	0.01
122	0.2	0.0	17.9	0.0	-13.3	0.0	0.04	0.01
123	0.2	0.0	17.9	0.0	-13.3	0.0	0.04	0.01
124	0.2	0.0	17.9	0.0	-13.3	0.0	0.04	0.01
125	0.2	0.0	17.9	0.0	-13.3	0.0	0.04	0.01
126	0.2	0.0	17.9	0.0	-13.3	0.0	0.04	0.01
127	0.2	0.0	17.9	0.0	-13.3	0.0	0.04	0.01
128	0.2	0.0	45.7	0.0	-12.9	0.0	0.10	0.03
129	0.2	0.0	45.7	0.0	-12.9	0.0	0.10	0.03
130	0.2	0.0	45.7	0.0	-12.9	0.0	0.10	0.03
131	0.2	0.0	45.7	0.0	-12.9	0.0	0.10	0.03
132	0.2	0.0	45.7	0.0	-12.9	0.0	0.10	0.03
133	0.2	0.0	45.7	0.0	-12.9	0.0	0.10	0.03
134	0.2	0.0	45.7	0.0	-12.9	0.0	0.10	0.03
135	0.2	0.0	73.4	0.0	-12.6	0.0	0.16	0.05
136	0.2	0.0	73.4	0.0	-12.6	0.0	0.16	0.05
137	0.2	0.0	73.4	0.0	-12.6	0.0	0.16	0.05
138	0.2	0.0	73.4	0.0	-12.6	0.0	0.16	0.05
139	0.2	0.0	73.4	0.0	-12.6	0.0	0.16	0.05
140	0.2	0.0	73.4	0.0	-12.6	0.0	0.16	0.05
141	0.2	0.0	73.4	0.0	-12.6	0.0	0.16	0.05
142	-0.2	0.0	-26.7	0.0	13.1	0.0	0.07	0.02
143	-0.2	0.0	-26.7	0.0	13.1	0.0	0.07	0.02
144	-0.2	0.0	-26.7	0.0	13.1	0.0	0.07	0.02
145	-0.2	0.0	-26.7	0.0	13.1	0.0	0.07	0.02
146	-0.2	0.0	-26.7	0.0	13.1	0.0	0.07	0.02
147	-0.2	0.0	-26.7	0.0	13.1	0.0	0.07	0.02
148	-0.2	0.0	-26.7	0.0	13.1	0.0	0.07	0.02
149	-0.2	0.0	1.0	0.0	13.5	0.0	0.00	0.00
150	-0.2	0.0	1.0	0.0	13.5	0.0	0.00	0.00
151	-0.2	0.0	1.0	0.0	13.5	0.0	0.00	0.00

EAST REV1 CRL TMPCPGA.OUT.txt

152	-0.2	0.0	1.0	0.0	13.5	0.0	0.00	0.00
153	-0.2	0.0	1.0	0.0	13.5	0.0	0.00	0.00
154	-0.2	0.0	1.0	0.0	13.5	0.0	0.00	0.00
155	-0.2	0.0	1.0	0.0	13.5	0.0	0.00	0.00
156	-0.2	0.0	28.8	0.0	13.8	0.0	0.06	0.02
157	-0.2	0.0	28.8	0.0	13.8	0.0	0.06	0.02
158	-0.2	0.0	28.8	0.0	13.8	0.0	0.06	0.02
159	-0.2	0.0	28.8	0.0	13.8	0.0	0.06	0.02
160	-0.2	0.0	28.8	0.0	13.8	0.0	0.06	0.02
161	-0.2	0.0	28.8	0.0	13.8	0.0	0.06	0.02
162	-0.2	0.0	28.8	0.0	13.8	0.0	0.06	0.02
163	-0.2	0.0	56.6	0.0	14.2	0.0	0.12	0.04
164	-0.2	0.0	56.6	0.0	14.2	0.0	0.12	0.04
165	-0.2	0.0	56.6	0.0	14.2	0.0	0.12	0.04
166	-0.2	0.0	56.6	0.0	14.2	0.0	0.12	0.04
167	-0.2	0.0	56.6	0.0	14.2	0.0	0.12	0.04
168	-0.2	0.0	56.6	0.0	14.2	0.0	0.12	0.04
169	-0.2	0.0	56.6	0.0	14.2	0.0	0.12	0.04
170	-0.2	0.0	84.3	0.0	14.5	0.0	0.18	0.06
171	-0.2	0.0	84.3	0.0	14.5	0.0	0.18	0.06
172	-0.2	0.0	84.3	0.0	14.5	0.0	0.18	0.06
173	-0.2	0.0	84.3	0.0	14.5	0.0	0.18	0.06
174	-0.2	0.0	84.3	0.0	14.5	0.0	0.18	0.06
175	-0.2	0.0	84.3	0.0	14.5	0.0	0.18	0.06
176	-0.2	0.0	84.3	0.0	14.5	0.0	0.18	0.06
177	0.2	0.0	31.8	0.0	-13.1	0.0	0.07	0.02
178	0.2	0.0	44.9	0.0	-12.9	0.0	0.10	0.03
179	0.2	0.0	58.8	0.0	-12.7	0.0	0.12	0.04
180	0.2	0.0	72.7	0.0	-12.6	0.0	0.15	0.05
181	-0.2	0.0	-27.5	0.0	13.1	0.0	0.08	0.02
182	-0.2	0.0	0.3	0.0	13.5	0.0	0.00	0.00
183	-0.2	0.0	28.1	0.0	13.8	0.0	0.06	0.02
184	-0.2	0.0	42.0	0.0	14.0	0.0	0.09	0.03
185	-0.2	0.0	55.8	0.0	14.2	0.0	0.12	0.04
186	-0.2	0.0	69.7	0.0	14.3	0.0	0.15	0.05
187	0.2	0.0	44.9	0.0	-12.9	0.0	0.10	0.03
188	0.2	0.0	58.8	0.0	-12.7	0.0	0.12	0.04
189	0.2	0.0	72.7	0.0	-12.6	0.0	0.15	0.05
190	-0.2	0.0	-27.5	0.0	13.1	0.0	0.08	0.02
191	-0.2	0.0	0.3	0.0	13.5	0.0	0.00	0.00
192	-0.2	0.0	28.1	0.0	13.8	0.0	0.06	0.02
193	-0.2	0.0	42.0	0.0	14.0	0.0	0.09	0.03
194	-0.2	0.0	55.8	0.0	14.2	0.0	0.12	0.04
195	-0.2	0.0	69.7	0.0	14.3	0.0	0.15	0.05
196	0.2	0.0	31.8	0.0	-13.1	0.0	0.07	0.02
197	0.2	0.0	44.9	0.0	-12.9	0.0	0.10	0.03
198	0.2	0.0	58.8	0.0	-12.7	0.0	0.12	0.04
199	0.2	0.0	72.7	0.0	-12.6	0.0	0.15	0.05



EAST REV1 CRL TMPCPGA.OUT.txt

200	-0.2	0.0	-27.5	0.0	13.1	0.0	0.08	0.02
201	-0.2	0.0	0.3	0.0	13.5	0.0	0.00	0.00
202	-0.2	0.0	28.1	0.0	13.8	0.0	0.06	0.02
203	-0.2	0.0	42.0	0.0	14.0	0.0	0.09	0.03
204	-0.2	0.0	55.8	0.0	14.2	0.0	0.12	0.04
205	-0.2	0.0	69.7	0.0	14.3	0.0	0.15	0.05
206	0.2	0.0	44.9	0.0	-12.9	0.0	0.10	0.03
207	0.2	0.0	58.8	0.0	-12.7	0.0	0.12	0.04
208	0.2	0.0	72.7	0.0	-12.6	0.0	0.15	0.05
209	-0.2	0.0	-27.5	0.0	13.1	0.0	0.08	0.02
210	-0.2	0.0	0.3	0.0	13.5	0.0	0.00	0.00
211	-0.2	0.0	28.1	0.0	13.8	0.0	0.06	0.02
212	-0.2	0.0	42.0	0.0	14.0	0.0	0.09	0.03
213	-0.2	0.0	55.8	0.0	14.2	0.0	0.12	0.04
214	-0.2	0.0	69.7	0.0	14.3	0.0	0.15	0.05
215	0.2	0.0	59.6	0.0	-12.7	0.0	0.13	0.04
216	0.2	0.0	73.4	0.0	-12.6	0.0	0.16	0.05
217	0.2	0.0	73.4	0.0	-12.6	0.0	0.16	0.05
218	-0.2	0.0	56.6	0.0	14.2	0.0	0.12	0.04
219	-0.2	0.0	-26.7	0.0	13.1	0.0	0.07	0.02
220	-0.2	0.0	1.0	0.0	13.5	0.0	0.00	0.00
221	-0.2	0.0	28.8	0.0	13.8	0.0	0.06	0.02
222	-0.2	0.0	42.7	0.0	14.0	0.0	0.09	0.03
223	-0.2	0.0	-26.7	0.0	13.1	0.0	0.07	0.02
224	-0.2	0.0	1.0	0.0	13.5	0.0	0.00	0.00
225	-0.2	0.0	28.8	0.0	13.8	0.0	0.06	0.02
226	-0.2	0.0	42.7	0.0	14.0	0.0	0.09	0.03
227	-0.2	0.0	-26.7	0.0	13.1	0.0	0.07	0.02
228	-0.2	0.0	1.0	0.0	13.5	0.0	0.00	0.00
229	-0.2	0.0	28.8	0.0	13.8	0.0	0.06	0.02
230	-0.2	0.0	42.7	0.0	14.0	0.0	0.09	0.03
231	0.2	0.0	59.6	0.0	-12.7	0.0	0.13	0.04
232	0.2	0.0	73.4	0.0	-12.6	0.0	0.16	0.05
233	0.2	0.0	73.4	0.0	-12.6	0.0	0.16	0.05
234	-0.2	0.0	56.6	0.0	14.2	0.0	0.12	0.04
235	-0.2	0.0	-26.7	0.0	13.1	0.0	0.07	0.02
236	-0.2	0.0	1.0	0.0	13.5	0.0	0.00	0.00
237	-0.2	0.0	28.8	0.0	13.8	0.0	0.06	0.02
238	-0.2	0.0	42.7	0.0	14.0	0.0	0.09	0.03
239	-0.2	0.0	-26.7	0.0	13.1	0.0	0.07	0.02
240	-0.2	0.0	1.0	0.0	13.5	0.0	0.00	0.00
241	-0.2	0.0	28.8	0.0	13.8	0.0	0.06	0.02
242	-0.2	0.0	42.7	0.0	14.0	0.0	0.09	0.03
243	-0.2	0.0	-26.7	0.0	13.1	0.0	0.07	0.02
244	-0.2	0.0	1.0	0.0	13.5	0.0	0.00	0.00
245	-0.2	0.0	28.8	0.0	13.8	0.0	0.06	0.02
246	-0.2	0.0	42.7	0.0	14.0	0.0	0.09	0.03

\*\*\*\*\*

PILE FORCES IN GLOBAL GEOMETRY

LOAD CASE - 1

PILE	PX K	PY K	PZ K	MX IN-K	MY IN-K	MZ IN-K
1	-62.1	0.0	244.5	0.0	0.0	0.0
2	-62.1	0.0	244.5	0.0	0.0	0.0
3	-62.1	0.0	244.5	0.0	0.0	0.0
4	-62.1	0.0	244.5	0.0	0.0	0.0
5	-62.1	0.0	244.5	0.0	0.0	0.0
6	-74.6	0.0	294.6	0.0	0.0	0.0
7	-74.6	0.0	294.6	0.0	0.0	0.0
8	-74.6	0.0	294.6	0.0	0.0	0.0
9	-74.6	0.0	294.6	0.0	0.0	0.0
10	-74.6	0.0	294.6	0.0	0.0	0.0
11	-87.1	0.0	344.7	0.0	0.0	0.0
12	-87.1	0.0	344.7	0.0	0.0	0.0
13	-87.1	0.0	344.7	0.0	0.0	0.0
14	-87.1	0.0	344.7	0.0	0.0	0.0
15	-87.1	0.0	344.7	0.0	0.0	0.0
16	-99.6	0.0	394.8	0.0	0.0	0.0
17	-99.6	0.0	394.8	0.0	0.0	0.0
18	-99.6	0.0	394.8	0.0	0.0	0.0
19	-99.6	0.0	394.8	0.0	0.0	0.0
20	-99.6	0.0	394.8	0.0	0.0	0.0
21	-112.1	0.0	444.9	0.0	0.0	0.0
22	-112.1	0.0	444.9	0.0	0.0	0.0
23	-112.1	0.0	444.9	0.0	0.0	0.0
24	-112.1	0.0	444.9	0.0	0.0	0.0
25	-112.1	0.0	444.9	0.0	0.0	0.0
26	1.6	0.0	10.3	0.0	0.0	0.0
27	1.6	0.0	10.3	0.0	0.0	0.0
28	1.6	0.0	10.3	0.0	0.0	0.0
29	1.6	0.0	10.3	0.0	0.0	0.0
30	1.6	0.0	10.3	0.0	0.0	0.0
31	26.6	0.0	110.5	0.0	0.0	0.0
32	26.6	0.0	110.5	0.0	0.0	0.0
33	26.6	0.0	110.5	0.0	0.0	0.0
34	26.6	0.0	110.5	0.0	0.0	0.0
35	26.6	0.0	110.5	0.0	0.0	0.0
36	51.7	0.0	210.7	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

37	51.7	0.0	210.7	0.0	0.0	0.0
38	51.7	0.0	210.7	0.0	0.0	0.0
39	51.7	0.0	210.7	0.0	0.0	0.0
40	51.7	0.0	210.7	0.0	0.0	0.0
41	64.2	0.0	260.8	0.0	0.0	0.0
42	64.2	0.0	260.8	0.0	0.0	0.0
43	64.2	0.0	260.8	0.0	0.0	0.0
44	64.2	0.0	260.8	0.0	0.0	0.0
45	64.2	0.0	260.8	0.0	0.0	0.0
46	76.7	0.0	310.9	0.0	0.0	0.0
47	76.7	0.0	310.9	0.0	0.0	0.0
48	76.7	0.0	310.9	0.0	0.0	0.0
49	76.7	0.0	310.9	0.0	0.0	0.0
50	76.7	0.0	310.9	0.0	0.0	0.0
51	89.2	0.0	361.0	0.0	0.0	0.0
52	89.2	0.0	361.0	0.0	0.0	0.0
53	89.2	0.0	361.0	0.0	0.0	0.0
54	89.2	0.0	361.0	0.0	0.0	0.0
55	89.2	0.0	361.0	0.0	0.0	0.0
56	101.7	0.0	411.1	0.0	0.0	0.0
57	101.7	0.0	411.1	0.0	0.0	0.0
58	101.7	0.0	411.1	0.0	0.0	0.0
59	101.7	0.0	411.1	0.0	0.0	0.0
60	101.7	0.0	411.1	0.0	0.0	0.0
61	-62.1	0.0	244.5	0.0	0.0	0.0
62	-62.1	0.0	244.5	0.0	0.0	0.0
63	-62.1	0.0	244.5	0.0	0.0	0.0
64	-62.1	0.0	244.5	0.0	0.0	0.0
65	-62.1	0.0	244.5	0.0	0.0	0.0
66	-74.6	0.0	294.6	0.0	0.0	0.0
67	-74.6	0.0	294.6	0.0	0.0	0.0
68	-74.6	0.0	294.6	0.0	0.0	0.0
69	-74.6	0.0	294.6	0.0	0.0	0.0
70	-74.6	0.0	294.6	0.0	0.0	0.0
71	-87.1	0.0	344.7	0.0	0.0	0.0
72	-87.1	0.0	344.7	0.0	0.0	0.0
73	-87.1	0.0	344.7	0.0	0.0	0.0
74	-87.1	0.0	344.7	0.0	0.0	0.0
75	-87.1	0.0	344.7	0.0	0.0	0.0
76	-99.6	0.0	394.8	0.0	0.0	0.0
77	-99.6	0.0	394.8	0.0	0.0	0.0
78	-99.6	0.0	394.8	0.0	0.0	0.0
79	-99.6	0.0	394.8	0.0	0.0	0.0
80	-99.6	0.0	394.8	0.0	0.0	0.0
81	-112.1	0.0	444.9	0.0	0.0	0.0
82	-112.1	0.0	444.9	0.0	0.0	0.0
83	-112.1	0.0	444.9	0.0	0.0	0.0
84	-112.1	0.0	444.9	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

85	-112.1	0.0	444.9	0.0	0.0	0.0
86	1.6	0.0	10.3	0.0	0.0	0.0
87	1.6	0.0	10.3	0.0	0.0	0.0
88	1.6	0.0	10.3	0.0	0.0	0.0
89	1.6	0.0	10.3	0.0	0.0	0.0
90	1.6	0.0	10.3	0.0	0.0	0.0
91	26.6	0.0	110.5	0.0	0.0	0.0
92	26.6	0.0	110.5	0.0	0.0	0.0
93	26.6	0.0	110.5	0.0	0.0	0.0
94	26.6	0.0	110.5	0.0	0.0	0.0
95	26.6	0.0	110.5	0.0	0.0	0.0
96	51.7	0.0	210.7	0.0	0.0	0.0
97	51.7	0.0	210.7	0.0	0.0	0.0
98	51.7	0.0	210.7	0.0	0.0	0.0
99	51.7	0.0	210.7	0.0	0.0	0.0
100	51.7	0.0	210.7	0.0	0.0	0.0
101	64.2	0.0	260.8	0.0	0.0	0.0
102	64.2	0.0	260.8	0.0	0.0	0.0
103	64.2	0.0	260.8	0.0	0.0	0.0
104	64.2	0.0	260.8	0.0	0.0	0.0
105	64.2	0.0	260.8	0.0	0.0	0.0
106	76.7	0.0	310.9	0.0	0.0	0.0
107	76.7	0.0	310.9	0.0	0.0	0.0
108	76.7	0.0	310.9	0.0	0.0	0.0
109	76.7	0.0	310.9	0.0	0.0	0.0
110	76.7	0.0	310.9	0.0	0.0	0.0
111	89.2	0.0	361.0	0.0	0.0	0.0
112	89.2	0.0	361.0	0.0	0.0	0.0
113	89.2	0.0	361.0	0.0	0.0	0.0
114	89.2	0.0	361.0	0.0	0.0	0.0
115	89.2	0.0	361.0	0.0	0.0	0.0
116	101.7	0.0	411.1	0.0	0.0	0.0
117	101.7	0.0	411.1	0.0	0.0	0.0
118	101.7	0.0	411.1	0.0	0.0	0.0
119	101.7	0.0	411.1	0.0	0.0	0.0
120	101.7	0.0	411.1	0.0	0.0	0.0
121	-62.1	0.0	244.5	0.0	0.0	0.0
122	-62.1	0.0	244.5	0.0	0.0	0.0
123	-62.1	0.0	244.5	0.0	0.0	0.0
124	-62.1	0.0	244.5	0.0	0.0	0.0
125	-62.1	0.0	244.5	0.0	0.0	0.0
126	-62.1	0.0	244.5	0.0	0.0	0.0
127	-62.1	0.0	244.5	0.0	0.0	0.0
128	-87.1	0.0	344.7	0.0	0.0	0.0
129	-87.1	0.0	344.7	0.0	0.0	0.0
130	-87.1	0.0	344.7	0.0	0.0	0.0
131	-87.1	0.0	344.7	0.0	0.0	0.0
132	-87.1	0.0	344.7	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

133	-87.1	0.0	344.7	0.0	0.0	0.0
134	-87.1	0.0	344.7	0.0	0.0	0.0
135	-112.1	0.0	444.9	0.0	0.0	0.0
136	-112.1	0.0	444.9	0.0	0.0	0.0
137	-112.1	0.0	444.9	0.0	0.0	0.0
138	-112.1	0.0	444.9	0.0	0.0	0.0
139	-112.1	0.0	444.9	0.0	0.0	0.0
140	-112.1	0.0	444.9	0.0	0.0	0.0
141	-112.1	0.0	444.9	0.0	0.0	0.0
142	1.6	0.0	10.3	0.0	0.0	0.0
143	1.6	0.0	10.3	0.0	0.0	0.0
144	1.6	0.0	10.3	0.0	0.0	0.0
145	1.6	0.0	10.3	0.0	0.0	0.0
146	1.6	0.0	10.3	0.0	0.0	0.0
147	1.6	0.0	10.3	0.0	0.0	0.0
148	1.6	0.0	10.3	0.0	0.0	0.0
149	26.6	0.0	110.5	0.0	0.0	0.0
150	26.6	0.0	110.5	0.0	0.0	0.0
151	26.6	0.0	110.5	0.0	0.0	0.0
152	26.6	0.0	110.5	0.0	0.0	0.0
153	26.6	0.0	110.5	0.0	0.0	0.0
154	26.6	0.0	110.5	0.0	0.0	0.0
155	26.6	0.0	110.5	0.0	0.0	0.0
156	51.7	0.0	210.7	0.0	0.0	0.0
157	51.7	0.0	210.7	0.0	0.0	0.0
158	51.7	0.0	210.7	0.0	0.0	0.0
159	51.7	0.0	210.7	0.0	0.0	0.0
160	51.7	0.0	210.7	0.0	0.0	0.0
161	51.7	0.0	210.7	0.0	0.0	0.0
162	51.7	0.0	210.7	0.0	0.0	0.0
163	76.7	0.0	310.9	0.0	0.0	0.0
164	76.7	0.0	310.9	0.0	0.0	0.0
165	76.7	0.0	310.9	0.0	0.0	0.0
166	76.7	0.0	310.9	0.0	0.0	0.0
167	76.7	0.0	310.9	0.0	0.0	0.0
168	76.7	0.0	310.9	0.0	0.0	0.0
169	76.7	0.0	310.9	0.0	0.0	0.0
170	101.7	0.0	411.1	0.0	0.0	0.0
171	101.7	0.0	411.1	0.0	0.0	0.0
172	101.7	0.0	411.1	0.0	0.0	0.0
173	101.7	0.0	411.1	0.0	0.0	0.0
174	101.7	0.0	411.1	0.0	0.0	0.0
175	101.7	0.0	411.1	0.0	0.0	0.0
176	101.7	0.0	411.1	0.0	0.0	0.0
177	-74.6	0.0	294.6	0.0	0.0	0.0
178	-86.4	0.0	342.1	0.0	0.0	0.0
179	-98.9	0.0	392.2	0.0	0.0	0.0
180	-111.5	0.0	442.3	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

181	0.9	0.0	7.7	0.0	0.0	0.0
182	26.0	0.0	107.9	0.0	0.0	0.0
183	51.0	0.0	208.1	0.0	0.0	0.0
184	63.5	0.0	258.2	0.0	0.0	0.0
185	76.0	0.0	308.3	0.0	0.0	0.0
186	88.5	0.0	358.4	0.0	0.0	0.0
187	-86.4	0.0	342.1	0.0	0.0	0.0
188	-98.9	0.0	392.2	0.0	0.0	0.0
189	-111.5	0.0	442.3	0.0	0.0	0.0
190	0.9	0.0	7.7	0.0	0.0	0.0
191	26.0	0.0	107.9	0.0	0.0	0.0
192	51.0	0.0	208.1	0.0	0.0	0.0
193	63.5	0.0	258.2	0.0	0.0	0.0
194	76.0	0.0	308.3	0.0	0.0	0.0
195	88.5	0.0	358.4	0.0	0.0	0.0
196	-74.6	0.0	294.6	0.0	0.0	0.0
197	-86.4	0.0	342.1	0.0	0.0	0.0
198	-98.9	0.0	392.2	0.0	0.0	0.0
199	-111.5	0.0	442.3	0.0	0.0	0.0
200	0.9	0.0	7.7	0.0	0.0	0.0
201	26.0	0.0	107.9	0.0	0.0	0.0
202	51.0	0.0	208.1	0.0	0.0	0.0
203	63.5	0.0	258.2	0.0	0.0	0.0
204	76.0	0.0	308.3	0.0	0.0	0.0
205	88.5	0.0	358.4	0.0	0.0	0.0
206	-86.4	0.0	342.1	0.0	0.0	0.0
207	-98.9	0.0	392.2	0.0	0.0	0.0
208	-111.5	0.0	442.3	0.0	0.0	0.0
209	0.9	0.0	7.7	0.0	0.0	0.0
210	26.0	0.0	107.9	0.0	0.0	0.0
211	51.0	0.0	208.1	0.0	0.0	0.0
212	63.5	0.0	258.2	0.0	0.0	0.0
213	76.0	0.0	308.3	0.0	0.0	0.0
214	88.5	0.0	358.4	0.0	0.0	0.0
215	-99.6	0.0	394.8	0.0	0.0	0.0
216	-112.1	0.0	444.9	0.0	0.0	0.0
217	-112.1	0.0	444.9	0.0	0.0	0.0
218	76.7	0.0	310.9	0.0	0.0	0.0
219	1.6	0.0	10.3	0.0	0.0	0.0
220	26.6	0.0	110.5	0.0	0.0	0.0
221	51.7	0.0	210.7	0.0	0.0	0.0
222	64.2	0.0	260.8	0.0	0.0	0.0
223	1.6	0.0	10.3	0.0	0.0	0.0
224	26.6	0.0	110.5	0.0	0.0	0.0
225	51.7	0.0	210.7	0.0	0.0	0.0
226	64.2	0.0	260.8	0.0	0.0	0.0
227	1.6	0.0	10.3	0.0	0.0	0.0
228	26.6	0.0	110.5	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

229	51.7	0.0	210.7	0.0	0.0	0.0
230	64.2	0.0	260.8	0.0	0.0	0.0
231	-99.6	0.0	394.8	0.0	0.0	0.0
232	-112.1	0.0	444.9	0.0	0.0	0.0
233	-112.1	0.0	444.9	0.0	0.0	0.0
234	76.7	0.0	310.9	0.0	0.0	0.0
235	1.6	0.0	10.3	0.0	0.0	0.0
236	26.6	0.0	110.5	0.0	0.0	0.0
237	51.7	0.0	210.7	0.0	0.0	0.0
238	64.2	0.0	260.8	0.0	0.0	0.0
239	1.6	0.0	10.3	0.0	0.0	0.0
240	26.6	0.0	110.5	0.0	0.0	0.0
241	51.7	0.0	210.7	0.0	0.0	0.0
242	64.2	0.0	260.8	0.0	0.0	0.0
243	1.6	0.0	10.3	0.0	0.0	0.0
244	26.6	0.0	110.5	0.0	0.0	0.0
245	51.7	0.0	210.7	0.0	0.0	0.0
246	64.2	0.0	260.8	0.0	0.0	0.0

LOAD CASE - 2

PILE	PX K	PY K	PZ K	MX IN-K	MY IN-K	MZ IN-K
1	-62.0	0.0	243.9	0.0	0.0	0.0
2	-62.0	0.0	243.9	0.0	0.0	0.0
3	-62.0	0.0	243.9	0.0	0.0	0.0
4	-62.0	0.0	243.9	0.0	0.0	0.0
5	-62.0	0.0	243.9	0.0	0.0	0.0
6	-76.2	0.0	300.4	0.0	0.0	0.0
7	-76.2	0.0	300.4	0.0	0.0	0.0
8	-76.2	0.0	300.4	0.0	0.0	0.0
9	-76.2	0.0	300.4	0.0	0.0	0.0
10	-76.2	0.0	300.4	0.0	0.0	0.0
11	-90.3	0.0	357.0	0.0	0.0	0.0
12	-90.3	0.0	357.0	0.0	0.0	0.0
13	-90.3	0.0	357.0	0.0	0.0	0.0
14	-90.3	0.0	357.0	0.0	0.0	0.0
15	-90.3	0.0	357.0	0.0	0.0	0.0
16	-104.4	0.0	413.5	0.0	0.0	0.0
17	-104.4	0.0	413.5	0.0	0.0	0.0
18	-104.4	0.0	413.5	0.0	0.0	0.0
19	-104.4	0.0	413.5	0.0	0.0	0.0
20	-104.4	0.0	413.5	0.0	0.0	0.0
21	-118.5	0.0	470.1	0.0	0.0	0.0
22	-118.5	0.0	470.1	0.0	0.0	0.0
23	-118.5	0.0	470.1	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

24	-118.5	0.0	470.1	0.0	0.0	0.0
25	-118.5	0.0	470.1	0.0	0.0	0.0
26	-7.1	0.0	-24.0	0.0	0.0	0.0
27	-7.1	0.0	-24.0	0.0	0.0	0.0
28	-7.1	0.0	-24.0	0.0	0.0	0.0
29	-7.1	0.0	-24.0	0.0	0.0	0.0
30	-7.1	0.0	-24.0	0.0	0.0	0.0
31	21.2	0.0	89.1	0.0	0.0	0.0
32	21.2	0.0	89.1	0.0	0.0	0.0
33	21.2	0.0	89.1	0.0	0.0	0.0
34	21.2	0.0	89.1	0.0	0.0	0.0
35	21.2	0.0	89.1	0.0	0.0	0.0
36	49.4	0.0	202.2	0.0	0.0	0.0
37	49.4	0.0	202.2	0.0	0.0	0.0
38	49.4	0.0	202.2	0.0	0.0	0.0
39	49.4	0.0	202.2	0.0	0.0	0.0
40	49.4	0.0	202.2	0.0	0.0	0.0
41	63.5	0.0	258.7	0.0	0.0	0.0
42	63.5	0.0	258.7	0.0	0.0	0.0
43	63.5	0.0	258.7	0.0	0.0	0.0
44	63.5	0.0	258.7	0.0	0.0	0.0
45	63.5	0.0	258.7	0.0	0.0	0.0
46	77.6	0.0	315.3	0.0	0.0	0.0
47	77.6	0.0	315.3	0.0	0.0	0.0
48	77.6	0.0	315.3	0.0	0.0	0.0
49	77.6	0.0	315.3	0.0	0.0	0.0
50	77.6	0.0	315.3	0.0	0.0	0.0
51	91.8	0.0	371.8	0.0	0.0	0.0
52	91.8	0.0	371.8	0.0	0.0	0.0
53	91.8	0.0	371.8	0.0	0.0	0.0
54	91.8	0.0	371.8	0.0	0.0	0.0
55	91.8	0.0	371.8	0.0	0.0	0.0
56	105.9	0.0	428.4	0.0	0.0	0.0
57	105.9	0.0	428.4	0.0	0.0	0.0
58	105.9	0.0	428.4	0.0	0.0	0.0
59	105.9	0.0	428.4	0.0	0.0	0.0
60	105.9	0.0	428.4	0.0	0.0	0.0
61	-62.0	0.0	243.9	0.0	0.0	0.0
62	-62.0	0.0	243.9	0.0	0.0	0.0
63	-62.0	0.0	243.9	0.0	0.0	0.0
64	-62.0	0.0	243.9	0.0	0.0	0.0
65	-62.0	0.0	243.9	0.0	0.0	0.0
66	-76.2	0.0	300.4	0.0	0.0	0.0
67	-76.2	0.0	300.4	0.0	0.0	0.0
68	-76.2	0.0	300.4	0.0	0.0	0.0
69	-76.2	0.0	300.4	0.0	0.0	0.0
70	-76.2	0.0	300.4	0.0	0.0	0.0
71	-90.3	0.0	357.0	0.0	0.0	0.0



EAST REV1 CRL TMPCPGA.OUT.txt

72	-90.3	0.0	357.0	0.0	0.0	0.0
73	-90.3	0.0	357.0	0.0	0.0	0.0
74	-90.3	0.0	357.0	0.0	0.0	0.0
75	-90.3	0.0	357.0	0.0	0.0	0.0
76	-104.4	0.0	413.5	0.0	0.0	0.0
77	-104.4	0.0	413.5	0.0	0.0	0.0
78	-104.4	0.0	413.5	0.0	0.0	0.0
79	-104.4	0.0	413.5	0.0	0.0	0.0
80	-104.4	0.0	413.5	0.0	0.0	0.0
81	-118.5	0.0	470.1	0.0	0.0	0.0
82	-118.5	0.0	470.1	0.0	0.0	0.0
83	-118.5	0.0	470.1	0.0	0.0	0.0
84	-118.5	0.0	470.1	0.0	0.0	0.0
85	-118.5	0.0	470.1	0.0	0.0	0.0
86	-7.1	0.0	-24.0	0.0	0.0	0.0
87	-7.1	0.0	-24.0	0.0	0.0	0.0
88	-7.1	0.0	-24.0	0.0	0.0	0.0
89	-7.1	0.0	-24.0	0.0	0.0	0.0
90	-7.1	0.0	-24.0	0.0	0.0	0.0
91	21.2	0.0	89.1	0.0	0.0	0.0
92	21.2	0.0	89.1	0.0	0.0	0.0
93	21.2	0.0	89.1	0.0	0.0	0.0
94	21.2	0.0	89.1	0.0	0.0	0.0
95	21.2	0.0	89.1	0.0	0.0	0.0
96	49.4	0.0	202.2	0.0	0.0	0.0
97	49.4	0.0	202.2	0.0	0.0	0.0
98	49.4	0.0	202.2	0.0	0.0	0.0
99	49.4	0.0	202.2	0.0	0.0	0.0
100	49.4	0.0	202.2	0.0	0.0	0.0
101	63.5	0.0	258.7	0.0	0.0	0.0
102	63.5	0.0	258.7	0.0	0.0	0.0
103	63.5	0.0	258.7	0.0	0.0	0.0
104	63.5	0.0	258.7	0.0	0.0	0.0
105	63.5	0.0	258.7	0.0	0.0	0.0
106	77.6	0.0	315.3	0.0	0.0	0.0
107	77.6	0.0	315.3	0.0	0.0	0.0
108	77.6	0.0	315.3	0.0	0.0	0.0
109	77.6	0.0	315.3	0.0	0.0	0.0
110	77.6	0.0	315.3	0.0	0.0	0.0
111	91.8	0.0	371.8	0.0	0.0	0.0
112	91.8	0.0	371.8	0.0	0.0	0.0
113	91.8	0.0	371.8	0.0	0.0	0.0
114	91.8	0.0	371.8	0.0	0.0	0.0
115	91.8	0.0	371.8	0.0	0.0	0.0
116	105.9	0.0	428.4	0.0	0.0	0.0
117	105.9	0.0	428.4	0.0	0.0	0.0
118	105.9	0.0	428.4	0.0	0.0	0.0
119	105.9	0.0	428.4	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

120	105.9	0.0	428.4	0.0	0.0	0.0
121	-62.0	0.0	243.9	0.0	0.0	0.0
122	-62.0	0.0	243.9	0.0	0.0	0.0
123	-62.0	0.0	243.9	0.0	0.0	0.0
124	-62.0	0.0	243.9	0.0	0.0	0.0
125	-62.0	0.0	243.9	0.0	0.0	0.0
126	-62.0	0.0	243.9	0.0	0.0	0.0
127	-62.0	0.0	243.9	0.0	0.0	0.0
128	-90.3	0.0	357.0	0.0	0.0	0.0
129	-90.3	0.0	357.0	0.0	0.0	0.0
130	-90.3	0.0	357.0	0.0	0.0	0.0
131	-90.3	0.0	357.0	0.0	0.0	0.0
132	-90.3	0.0	357.0	0.0	0.0	0.0
133	-90.3	0.0	357.0	0.0	0.0	0.0
134	-90.3	0.0	357.0	0.0	0.0	0.0
135	-118.5	0.0	470.1	0.0	0.0	0.0
136	-118.5	0.0	470.1	0.0	0.0	0.0
137	-118.5	0.0	470.1	0.0	0.0	0.0
138	-118.5	0.0	470.1	0.0	0.0	0.0
139	-118.5	0.0	470.1	0.0	0.0	0.0
140	-118.5	0.0	470.1	0.0	0.0	0.0
141	-118.5	0.0	470.1	0.0	0.0	0.0
142	-7.1	0.0	-24.0	0.0	0.0	0.0
143	-7.1	0.0	-24.0	0.0	0.0	0.0
144	-7.1	0.0	-24.0	0.0	0.0	0.0
145	-7.1	0.0	-24.0	0.0	0.0	0.0
146	-7.1	0.0	-24.0	0.0	0.0	0.0
147	-7.1	0.0	-24.0	0.0	0.0	0.0
148	-7.1	0.0	-24.0	0.0	0.0	0.0
149	21.2	0.0	89.1	0.0	0.0	0.0
150	21.2	0.0	89.1	0.0	0.0	0.0
151	21.2	0.0	89.1	0.0	0.0	0.0
152	21.2	0.0	89.1	0.0	0.0	0.0
153	21.2	0.0	89.1	0.0	0.0	0.0
154	21.2	0.0	89.1	0.0	0.0	0.0
155	21.2	0.0	89.1	0.0	0.0	0.0
156	49.4	0.0	202.2	0.0	0.0	0.0
157	49.4	0.0	202.2	0.0	0.0	0.0
158	49.4	0.0	202.2	0.0	0.0	0.0
159	49.4	0.0	202.2	0.0	0.0	0.0
160	49.4	0.0	202.2	0.0	0.0	0.0
161	49.4	0.0	202.2	0.0	0.0	0.0
162	49.4	0.0	202.2	0.0	0.0	0.0
163	77.6	0.0	315.3	0.0	0.0	0.0
164	77.6	0.0	315.3	0.0	0.0	0.0
165	77.6	0.0	315.3	0.0	0.0	0.0
166	77.6	0.0	315.3	0.0	0.0	0.0
167	77.6	0.0	315.3	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

168	77.6	0.0	315.3	0.0	0.0	0.0
169	77.6	0.0	315.3	0.0	0.0	0.0
170	105.9	0.0	428.4	0.0	0.0	0.0
171	105.9	0.0	428.4	0.0	0.0	0.0
172	105.9	0.0	428.4	0.0	0.0	0.0
173	105.9	0.0	428.4	0.0	0.0	0.0
174	105.9	0.0	428.4	0.0	0.0	0.0
175	105.9	0.0	428.4	0.0	0.0	0.0
176	105.9	0.0	428.4	0.0	0.0	0.0
177	-76.2	0.0	300.4	0.0	0.0	0.0
178	-89.5	0.0	354.0	0.0	0.0	0.0
179	-103.7	0.0	410.6	0.0	0.0	0.0
180	-117.8	0.0	467.1	0.0	0.0	0.0
181	-7.8	0.0	-26.9	0.0	0.0	0.0
182	20.4	0.0	86.1	0.0	0.0	0.0
183	48.7	0.0	199.2	0.0	0.0	0.0
184	62.8	0.0	255.8	0.0	0.0	0.0
185	76.9	0.0	312.3	0.0	0.0	0.0
186	91.0	0.0	368.8	0.0	0.0	0.0
187	-89.5	0.0	354.0	0.0	0.0	0.0
188	-103.7	0.0	410.6	0.0	0.0	0.0
189	-117.8	0.0	467.1	0.0	0.0	0.0
190	-7.8	0.0	-26.9	0.0	0.0	0.0
191	20.4	0.0	86.1	0.0	0.0	0.0
192	48.7	0.0	199.2	0.0	0.0	0.0
193	62.8	0.0	255.8	0.0	0.0	0.0
194	76.9	0.0	312.3	0.0	0.0	0.0
195	91.0	0.0	368.8	0.0	0.0	0.0
196	-76.2	0.0	300.4	0.0	0.0	0.0
197	-89.5	0.0	354.0	0.0	0.0	0.0
198	-103.7	0.0	410.6	0.0	0.0	0.0
199	-117.8	0.0	467.1	0.0	0.0	0.0
200	-7.8	0.0	-26.9	0.0	0.0	0.0
201	20.4	0.0	86.1	0.0	0.0	0.0
202	48.7	0.0	199.2	0.0	0.0	0.0
203	62.8	0.0	255.8	0.0	0.0	0.0
204	76.9	0.0	312.3	0.0	0.0	0.0
205	91.0	0.0	368.8	0.0	0.0	0.0
206	-89.5	0.0	354.0	0.0	0.0	0.0
207	-103.7	0.0	410.6	0.0	0.0	0.0
208	-117.8	0.0	467.1	0.0	0.0	0.0
209	-7.8	0.0	-26.9	0.0	0.0	0.0
210	20.4	0.0	86.1	0.0	0.0	0.0
211	48.7	0.0	199.2	0.0	0.0	0.0
212	62.8	0.0	255.8	0.0	0.0	0.0
213	76.9	0.0	312.3	0.0	0.0	0.0
214	91.0	0.0	368.8	0.0	0.0	0.0
215	-104.4	0.0	413.5	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

216	-118.5	0.0	470.1	0.0	0.0	0.0
217	-118.5	0.0	470.1	0.0	0.0	0.0
218	77.6	0.0	315.3	0.0	0.0	0.0
219	-7.1	0.0	-24.0	0.0	0.0	0.0
220	21.2	0.0	89.1	0.0	0.0	0.0
221	49.4	0.0	202.2	0.0	0.0	0.0
222	63.5	0.0	258.7	0.0	0.0	0.0
223	-7.1	0.0	-24.0	0.0	0.0	0.0
224	21.2	0.0	89.1	0.0	0.0	0.0
225	49.4	0.0	202.2	0.0	0.0	0.0
226	63.5	0.0	258.7	0.0	0.0	0.0
227	-7.1	0.0	-24.0	0.0	0.0	0.0
228	21.2	0.0	89.1	0.0	0.0	0.0
229	49.4	0.0	202.2	0.0	0.0	0.0
230	63.5	0.0	258.7	0.0	0.0	0.0
231	-104.4	0.0	413.5	0.0	0.0	0.0
232	-118.5	0.0	470.1	0.0	0.0	0.0
233	-118.5	0.0	470.1	0.0	0.0	0.0
234	77.6	0.0	315.3	0.0	0.0	0.0
235	-7.1	0.0	-24.0	0.0	0.0	0.0
236	21.2	0.0	89.1	0.0	0.0	0.0
237	49.4	0.0	202.2	0.0	0.0	0.0
238	63.5	0.0	258.7	0.0	0.0	0.0
239	-7.1	0.0	-24.0	0.0	0.0	0.0
240	21.2	0.0	89.1	0.0	0.0	0.0
241	49.4	0.0	202.2	0.0	0.0	0.0
242	63.5	0.0	258.7	0.0	0.0	0.0
243	-7.1	0.0	-24.0	0.0	0.0	0.0
244	21.2	0.0	89.1	0.0	0.0	0.0
245	49.4	0.0	202.2	0.0	0.0	0.0
246	63.5	0.0	258.7	0.0	0.0	0.0

LOAD CASE - 3

PILE	PX K	PY K	PZ K	MX IN-K	MY IN-K	MZ IN-K
1	-34.0	0.0	137.0	0.0	0.0	0.0
2	-34.0	0.0	137.0	0.0	0.0	0.0
3	-34.0	0.0	137.0	0.0	0.0	0.0
4	-34.0	0.0	137.0	0.0	0.0	0.0
5	-34.0	0.0	137.0	0.0	0.0	0.0
6	-31.6	0.0	127.7	0.0	0.0	0.0
7	-31.6	0.0	127.7	0.0	0.0	0.0
8	-31.6	0.0	127.7	0.0	0.0	0.0
9	-31.6	0.0	127.7	0.0	0.0	0.0
10	-31.6	0.0	127.7	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

11	-29.3	0.0	118.3	0.0	0.0	0.0
12	-29.3	0.0	118.3	0.0	0.0	0.0
13	-29.3	0.0	118.3	0.0	0.0	0.0
14	-29.3	0.0	118.3	0.0	0.0	0.0
15	-29.3	0.0	118.3	0.0	0.0	0.0
16	-27.0	0.0	109.0	0.0	0.0	0.0
17	-27.0	0.0	109.0	0.0	0.0	0.0
18	-27.0	0.0	109.0	0.0	0.0	0.0
19	-27.0	0.0	109.0	0.0	0.0	0.0
20	-27.0	0.0	109.0	0.0	0.0	0.0
21	-24.6	0.0	99.6	0.0	0.0	0.0
22	-24.6	0.0	99.6	0.0	0.0	0.0
23	-24.6	0.0	99.6	0.0	0.0	0.0
24	-24.6	0.0	99.6	0.0	0.0	0.0
25	-24.6	0.0	99.6	0.0	0.0	0.0
26	56.4	0.0	224.8	0.0	0.0	0.0
27	56.4	0.0	224.8	0.0	0.0	0.0
28	56.4	0.0	224.8	0.0	0.0	0.0
29	56.4	0.0	224.8	0.0	0.0	0.0
30	56.4	0.0	224.8	0.0	0.0	0.0
31	51.8	0.0	206.2	0.0	0.0	0.0
32	51.8	0.0	206.2	0.0	0.0	0.0
33	51.8	0.0	206.2	0.0	0.0	0.0
34	51.8	0.0	206.2	0.0	0.0	0.0
35	51.8	0.0	206.2	0.0	0.0	0.0
36	47.1	0.0	187.5	0.0	0.0	0.0
37	47.1	0.0	187.5	0.0	0.0	0.0
38	47.1	0.0	187.5	0.0	0.0	0.0
39	47.1	0.0	187.5	0.0	0.0	0.0
40	47.1	0.0	187.5	0.0	0.0	0.0
41	44.8	0.0	178.2	0.0	0.0	0.0
42	44.8	0.0	178.2	0.0	0.0	0.0
43	44.8	0.0	178.2	0.0	0.0	0.0
44	44.8	0.0	178.2	0.0	0.0	0.0
45	44.8	0.0	178.2	0.0	0.0	0.0
46	42.4	0.0	168.8	0.0	0.0	0.0
47	42.4	0.0	168.8	0.0	0.0	0.0
48	42.4	0.0	168.8	0.0	0.0	0.0
49	42.4	0.0	168.8	0.0	0.0	0.0
50	42.4	0.0	168.8	0.0	0.0	0.0
51	40.1	0.0	159.5	0.0	0.0	0.0
52	40.1	0.0	159.5	0.0	0.0	0.0
53	40.1	0.0	159.5	0.0	0.0	0.0
54	40.1	0.0	159.5	0.0	0.0	0.0
55	40.1	0.0	159.5	0.0	0.0	0.0
56	37.8	0.0	150.2	0.0	0.0	0.0
57	37.8	0.0	150.2	0.0	0.0	0.0
58	37.8	0.0	150.2	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

59	37.8	0.0	150.2	0.0	0.0	0.0
60	37.8	0.0	150.2	0.0	0.0	0.0
61	-34.0	0.0	137.0	0.0	0.0	0.0
62	-34.0	0.0	137.0	0.0	0.0	0.0
63	-34.0	0.0	137.0	0.0	0.0	0.0
64	-34.0	0.0	137.0	0.0	0.0	0.0
65	-34.0	0.0	137.0	0.0	0.0	0.0
66	-31.6	0.0	127.7	0.0	0.0	0.0
67	-31.6	0.0	127.7	0.0	0.0	0.0
68	-31.6	0.0	127.7	0.0	0.0	0.0
69	-31.6	0.0	127.7	0.0	0.0	0.0
70	-31.6	0.0	127.7	0.0	0.0	0.0
71	-29.3	0.0	118.3	0.0	0.0	0.0
72	-29.3	0.0	118.3	0.0	0.0	0.0
73	-29.3	0.0	118.3	0.0	0.0	0.0
74	-29.3	0.0	118.3	0.0	0.0	0.0
75	-29.3	0.0	118.3	0.0	0.0	0.0
76	-27.0	0.0	109.0	0.0	0.0	0.0
77	-27.0	0.0	109.0	0.0	0.0	0.0
78	-27.0	0.0	109.0	0.0	0.0	0.0
79	-27.0	0.0	109.0	0.0	0.0	0.0
80	-27.0	0.0	109.0	0.0	0.0	0.0
81	-24.6	0.0	99.6	0.0	0.0	0.0
82	-24.6	0.0	99.6	0.0	0.0	0.0
83	-24.6	0.0	99.6	0.0	0.0	0.0
84	-24.6	0.0	99.6	0.0	0.0	0.0
85	-24.6	0.0	99.6	0.0	0.0	0.0
86	56.4	0.0	224.8	0.0	0.0	0.0
87	56.4	0.0	224.8	0.0	0.0	0.0
88	56.4	0.0	224.8	0.0	0.0	0.0
89	56.4	0.0	224.8	0.0	0.0	0.0
90	56.4	0.0	224.8	0.0	0.0	0.0
91	51.8	0.0	206.2	0.0	0.0	0.0
92	51.8	0.0	206.2	0.0	0.0	0.0
93	51.8	0.0	206.2	0.0	0.0	0.0
94	51.8	0.0	206.2	0.0	0.0	0.0
95	51.8	0.0	206.2	0.0	0.0	0.0
96	47.1	0.0	187.5	0.0	0.0	0.0
97	47.1	0.0	187.5	0.0	0.0	0.0
98	47.1	0.0	187.5	0.0	0.0	0.0
99	47.1	0.0	187.5	0.0	0.0	0.0
100	47.1	0.0	187.5	0.0	0.0	0.0
101	44.8	0.0	178.2	0.0	0.0	0.0
102	44.8	0.0	178.2	0.0	0.0	0.0
103	44.8	0.0	178.2	0.0	0.0	0.0
104	44.8	0.0	178.2	0.0	0.0	0.0
105	44.8	0.0	178.2	0.0	0.0	0.0
106	42.4	0.0	168.8	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

107	42.4	0.0	168.8	0.0	0.0	0.0
108	42.4	0.0	168.8	0.0	0.0	0.0
109	42.4	0.0	168.8	0.0	0.0	0.0
110	42.4	0.0	168.8	0.0	0.0	0.0
111	40.1	0.0	159.5	0.0	0.0	0.0
112	40.1	0.0	159.5	0.0	0.0	0.0
113	40.1	0.0	159.5	0.0	0.0	0.0
114	40.1	0.0	159.5	0.0	0.0	0.0
115	40.1	0.0	159.5	0.0	0.0	0.0
116	37.8	0.0	150.2	0.0	0.0	0.0
117	37.8	0.0	150.2	0.0	0.0	0.0
118	37.8	0.0	150.2	0.0	0.0	0.0
119	37.8	0.0	150.2	0.0	0.0	0.0
120	37.8	0.0	150.2	0.0	0.0	0.0
121	-34.0	0.0	137.0	0.0	0.0	0.0
122	-34.0	0.0	137.0	0.0	0.0	0.0
123	-34.0	0.0	137.0	0.0	0.0	0.0
124	-34.0	0.0	137.0	0.0	0.0	0.0
125	-34.0	0.0	137.0	0.0	0.0	0.0
126	-34.0	0.0	137.0	0.0	0.0	0.0
127	-34.0	0.0	137.0	0.0	0.0	0.0
128	-29.3	0.0	118.3	0.0	0.0	0.0
129	-29.3	0.0	118.3	0.0	0.0	0.0
130	-29.3	0.0	118.3	0.0	0.0	0.0
131	-29.3	0.0	118.3	0.0	0.0	0.0
132	-29.3	0.0	118.3	0.0	0.0	0.0
133	-29.3	0.0	118.3	0.0	0.0	0.0
134	-29.3	0.0	118.3	0.0	0.0	0.0
135	-24.6	0.0	99.6	0.0	0.0	0.0
136	-24.6	0.0	99.6	0.0	0.0	0.0
137	-24.6	0.0	99.6	0.0	0.0	0.0
138	-24.6	0.0	99.6	0.0	0.0	0.0
139	-24.6	0.0	99.6	0.0	0.0	0.0
140	-24.6	0.0	99.6	0.0	0.0	0.0
141	-24.6	0.0	99.6	0.0	0.0	0.0
142	56.4	0.0	224.8	0.0	0.0	0.0
143	56.4	0.0	224.8	0.0	0.0	0.0
144	56.4	0.0	224.8	0.0	0.0	0.0
145	56.4	0.0	224.8	0.0	0.0	0.0
146	56.4	0.0	224.8	0.0	0.0	0.0
147	56.4	0.0	224.8	0.0	0.0	0.0
148	56.4	0.0	224.8	0.0	0.0	0.0
149	51.8	0.0	206.2	0.0	0.0	0.0
150	51.8	0.0	206.2	0.0	0.0	0.0
151	51.8	0.0	206.2	0.0	0.0	0.0
152	51.8	0.0	206.2	0.0	0.0	0.0
153	51.8	0.0	206.2	0.0	0.0	0.0
154	51.8	0.0	206.2	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

155	51.8	0.0	206.2	0.0	0.0	0.0
156	47.1	0.0	187.5	0.0	0.0	0.0
157	47.1	0.0	187.5	0.0	0.0	0.0
158	47.1	0.0	187.5	0.0	0.0	0.0
159	47.1	0.0	187.5	0.0	0.0	0.0
160	47.1	0.0	187.5	0.0	0.0	0.0
161	47.1	0.0	187.5	0.0	0.0	0.0
162	47.1	0.0	187.5	0.0	0.0	0.0
163	42.4	0.0	168.8	0.0	0.0	0.0
164	42.4	0.0	168.8	0.0	0.0	0.0
165	42.4	0.0	168.8	0.0	0.0	0.0
166	42.4	0.0	168.8	0.0	0.0	0.0
167	42.4	0.0	168.8	0.0	0.0	0.0
168	42.4	0.0	168.8	0.0	0.0	0.0
169	42.4	0.0	168.8	0.0	0.0	0.0
170	37.8	0.0	150.2	0.0	0.0	0.0
171	37.8	0.0	150.2	0.0	0.0	0.0
172	37.8	0.0	150.2	0.0	0.0	0.0
173	37.8	0.0	150.2	0.0	0.0	0.0
174	37.8	0.0	150.2	0.0	0.0	0.0
175	37.8	0.0	150.2	0.0	0.0	0.0
176	37.8	0.0	150.2	0.0	0.0	0.0
177	-31.6	0.0	127.7	0.0	0.0	0.0
178	-29.4	0.0	118.8	0.0	0.0	0.0
179	-27.1	0.0	109.5	0.0	0.0	0.0
180	-24.8	0.0	100.1	0.0	0.0	0.0
181	56.5	0.0	225.3	0.0	0.0	0.0
182	51.9	0.0	206.7	0.0	0.0	0.0
183	47.2	0.0	188.0	0.0	0.0	0.0
184	44.9	0.0	178.7	0.0	0.0	0.0
185	42.6	0.0	169.3	0.0	0.0	0.0
186	40.2	0.0	160.0	0.0	0.0	0.0
187	-29.4	0.0	118.8	0.0	0.0	0.0
188	-27.1	0.0	109.5	0.0	0.0	0.0
189	-24.8	0.0	100.1	0.0	0.0	0.0
190	56.5	0.0	225.3	0.0	0.0	0.0
191	51.9	0.0	206.7	0.0	0.0	0.0
192	47.2	0.0	188.0	0.0	0.0	0.0
193	44.9	0.0	178.7	0.0	0.0	0.0
194	42.6	0.0	169.3	0.0	0.0	0.0
195	40.2	0.0	160.0	0.0	0.0	0.0
196	-31.6	0.0	127.7	0.0	0.0	0.0
197	-29.4	0.0	118.8	0.0	0.0	0.0
198	-27.1	0.0	109.5	0.0	0.0	0.0
199	-24.8	0.0	100.1	0.0	0.0	0.0
200	56.5	0.0	225.3	0.0	0.0	0.0
201	51.9	0.0	206.7	0.0	0.0	0.0
202	47.2	0.0	188.0	0.0	0.0	0.0



EAST REV1 CRL TMPCPGA.OUT.txt

203	44.9	0.0	178.7	0.0	0.0	0.0
204	42.6	0.0	169.3	0.0	0.0	0.0
205	40.2	0.0	160.0	0.0	0.0	0.0
206	-29.4	0.0	118.8	0.0	0.0	0.0
207	-27.1	0.0	109.5	0.0	0.0	0.0
208	-24.8	0.0	100.1	0.0	0.0	0.0
209	56.5	0.0	225.3	0.0	0.0	0.0
210	51.9	0.0	206.7	0.0	0.0	0.0
211	47.2	0.0	188.0	0.0	0.0	0.0
212	44.9	0.0	178.7	0.0	0.0	0.0
213	42.6	0.0	169.3	0.0	0.0	0.0
214	40.2	0.0	160.0	0.0	0.0	0.0
215	-27.0	0.0	109.0	0.0	0.0	0.0
216	-24.6	0.0	99.6	0.0	0.0	0.0
217	-24.6	0.0	99.6	0.0	0.0	0.0
218	42.4	0.0	168.8	0.0	0.0	0.0
219	56.4	0.0	224.8	0.0	0.0	0.0
220	51.8	0.0	206.2	0.0	0.0	0.0
221	47.1	0.0	187.5	0.0	0.0	0.0
222	44.8	0.0	178.2	0.0	0.0	0.0
223	56.4	0.0	224.8	0.0	0.0	0.0
224	51.8	0.0	206.2	0.0	0.0	0.0
225	47.1	0.0	187.5	0.0	0.0	0.0
226	44.8	0.0	178.2	0.0	0.0	0.0
227	56.4	0.0	224.8	0.0	0.0	0.0
228	51.8	0.0	206.2	0.0	0.0	0.0
229	47.1	0.0	187.5	0.0	0.0	0.0
230	44.8	0.0	178.2	0.0	0.0	0.0
231	-27.0	0.0	109.0	0.0	0.0	0.0
232	-24.6	0.0	99.6	0.0	0.0	0.0
233	-24.6	0.0	99.6	0.0	0.0	0.0
234	42.4	0.0	168.8	0.0	0.0	0.0
235	56.4	0.0	224.8	0.0	0.0	0.0
236	51.8	0.0	206.2	0.0	0.0	0.0
237	47.1	0.0	187.5	0.0	0.0	0.0
238	44.8	0.0	178.2	0.0	0.0	0.0
239	56.4	0.0	224.8	0.0	0.0	0.0
240	51.8	0.0	206.2	0.0	0.0	0.0
241	47.1	0.0	187.5	0.0	0.0	0.0
242	44.8	0.0	178.2	0.0	0.0	0.0
243	56.4	0.0	224.8	0.0	0.0	0.0
244	51.8	0.0	206.2	0.0	0.0	0.0
245	47.1	0.0	187.5	0.0	0.0	0.0
246	44.8	0.0	178.2	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

PILE	PX K	PY K	PZ K	MX IN-K	MY IN-K	MZ IN-K
1	-33.9	0.0	136.8	0.0	0.0	0.0
2	-33.9	0.0	136.8	0.0	0.0	0.0
3	-33.9	0.0	136.8	0.0	0.0	0.0
4	-33.9	0.0	136.8	0.0	0.0	0.0
5	-33.9	0.0	136.8	0.0	0.0	0.0
6	-31.3	0.0	126.4	0.0	0.0	0.0
7	-31.3	0.0	126.4	0.0	0.0	0.0
8	-31.3	0.0	126.4	0.0	0.0	0.0
9	-31.3	0.0	126.4	0.0	0.0	0.0
10	-31.3	0.0	126.4	0.0	0.0	0.0
11	-28.7	0.0	115.9	0.0	0.0	0.0
12	-28.7	0.0	115.9	0.0	0.0	0.0
13	-28.7	0.0	115.9	0.0	0.0	0.0
14	-28.7	0.0	115.9	0.0	0.0	0.0
15	-28.7	0.0	115.9	0.0	0.0	0.0
16	-26.1	0.0	105.5	0.0	0.0	0.0
17	-26.1	0.0	105.5	0.0	0.0	0.0
18	-26.1	0.0	105.5	0.0	0.0	0.0
19	-26.1	0.0	105.5	0.0	0.0	0.0
20	-26.1	0.0	105.5	0.0	0.0	0.0
21	-23.5	0.0	95.1	0.0	0.0	0.0
22	-23.5	0.0	95.1	0.0	0.0	0.0
23	-23.5	0.0	95.1	0.0	0.0	0.0
24	-23.5	0.0	95.1	0.0	0.0	0.0
25	-23.5	0.0	95.1	0.0	0.0	0.0
26	57.9	0.0	230.8	0.0	0.0	0.0
27	57.9	0.0	230.8	0.0	0.0	0.0
28	57.9	0.0	230.8	0.0	0.0	0.0
29	57.9	0.0	230.8	0.0	0.0	0.0
30	57.9	0.0	230.8	0.0	0.0	0.0
31	52.7	0.0	210.0	0.0	0.0	0.0
32	52.7	0.0	210.0	0.0	0.0	0.0
33	52.7	0.0	210.0	0.0	0.0	0.0
34	52.7	0.0	210.0	0.0	0.0	0.0
35	52.7	0.0	210.0	0.0	0.0	0.0
36	47.5	0.0	189.1	0.0	0.0	0.0
37	47.5	0.0	189.1	0.0	0.0	0.0
38	47.5	0.0	189.1	0.0	0.0	0.0
39	47.5	0.0	189.1	0.0	0.0	0.0
40	47.5	0.0	189.1	0.0	0.0	0.0
41	44.9	0.0	178.7	0.0	0.0	0.0
42	44.9	0.0	178.7	0.0	0.0	0.0
43	44.9	0.0	178.7	0.0	0.0	0.0
44	44.9	0.0	178.7	0.0	0.0	0.0
45	44.9	0.0	178.7	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

46	42.3	0.0	168.3	0.0	0.0	0.0
47	42.3	0.0	168.3	0.0	0.0	0.0
48	42.3	0.0	168.3	0.0	0.0	0.0
49	42.3	0.0	168.3	0.0	0.0	0.0
50	42.3	0.0	168.3	0.0	0.0	0.0
51	39.7	0.0	157.8	0.0	0.0	0.0
52	39.7	0.0	157.8	0.0	0.0	0.0
53	39.7	0.0	157.8	0.0	0.0	0.0
54	39.7	0.0	157.8	0.0	0.0	0.0
55	39.7	0.0	157.8	0.0	0.0	0.0
56	37.1	0.0	147.4	0.0	0.0	0.0
57	37.1	0.0	147.4	0.0	0.0	0.0
58	37.1	0.0	147.4	0.0	0.0	0.0
59	37.1	0.0	147.4	0.0	0.0	0.0
60	37.1	0.0	147.4	0.0	0.0	0.0
61	-33.9	0.0	136.8	0.0	0.0	0.0
62	-33.9	0.0	136.8	0.0	0.0	0.0
63	-33.9	0.0	136.8	0.0	0.0	0.0
64	-33.9	0.0	136.8	0.0	0.0	0.0
65	-33.9	0.0	136.8	0.0	0.0	0.0
66	-31.3	0.0	126.4	0.0	0.0	0.0
67	-31.3	0.0	126.4	0.0	0.0	0.0
68	-31.3	0.0	126.4	0.0	0.0	0.0
69	-31.3	0.0	126.4	0.0	0.0	0.0
70	-31.3	0.0	126.4	0.0	0.0	0.0
71	-28.7	0.0	115.9	0.0	0.0	0.0
72	-28.7	0.0	115.9	0.0	0.0	0.0
73	-28.7	0.0	115.9	0.0	0.0	0.0
74	-28.7	0.0	115.9	0.0	0.0	0.0
75	-28.7	0.0	115.9	0.0	0.0	0.0
76	-26.1	0.0	105.5	0.0	0.0	0.0
77	-26.1	0.0	105.5	0.0	0.0	0.0
78	-26.1	0.0	105.5	0.0	0.0	0.0
79	-26.1	0.0	105.5	0.0	0.0	0.0
80	-26.1	0.0	105.5	0.0	0.0	0.0
81	-23.5	0.0	95.1	0.0	0.0	0.0
82	-23.5	0.0	95.1	0.0	0.0	0.0
83	-23.5	0.0	95.1	0.0	0.0	0.0
84	-23.5	0.0	95.1	0.0	0.0	0.0
85	-23.5	0.0	95.1	0.0	0.0	0.0
86	57.9	0.0	230.8	0.0	0.0	0.0
87	57.9	0.0	230.8	0.0	0.0	0.0
88	57.9	0.0	230.8	0.0	0.0	0.0
89	57.9	0.0	230.8	0.0	0.0	0.0
90	57.9	0.0	230.8	0.0	0.0	0.0
91	52.7	0.0	210.0	0.0	0.0	0.0
92	52.7	0.0	210.0	0.0	0.0	0.0
93	52.7	0.0	210.0	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

94	52.7	0.0	210.0	0.0	0.0	0.0
95	52.7	0.0	210.0	0.0	0.0	0.0
96	47.5	0.0	189.1	0.0	0.0	0.0
97	47.5	0.0	189.1	0.0	0.0	0.0
98	47.5	0.0	189.1	0.0	0.0	0.0
99	47.5	0.0	189.1	0.0	0.0	0.0
100	47.5	0.0	189.1	0.0	0.0	0.0
101	44.9	0.0	178.7	0.0	0.0	0.0
102	44.9	0.0	178.7	0.0	0.0	0.0
103	44.9	0.0	178.7	0.0	0.0	0.0
104	44.9	0.0	178.7	0.0	0.0	0.0
105	44.9	0.0	178.7	0.0	0.0	0.0
106	42.3	0.0	168.3	0.0	0.0	0.0
107	42.3	0.0	168.3	0.0	0.0	0.0
108	42.3	0.0	168.3	0.0	0.0	0.0
109	42.3	0.0	168.3	0.0	0.0	0.0
110	42.3	0.0	168.3	0.0	0.0	0.0
111	39.7	0.0	157.8	0.0	0.0	0.0
112	39.7	0.0	157.8	0.0	0.0	0.0
113	39.7	0.0	157.8	0.0	0.0	0.0
114	39.7	0.0	157.8	0.0	0.0	0.0
115	39.7	0.0	157.8	0.0	0.0	0.0
116	37.1	0.0	147.4	0.0	0.0	0.0
117	37.1	0.0	147.4	0.0	0.0	0.0
118	37.1	0.0	147.4	0.0	0.0	0.0
119	37.1	0.0	147.4	0.0	0.0	0.0
120	37.1	0.0	147.4	0.0	0.0	0.0
121	-33.9	0.0	136.8	0.0	0.0	0.0
122	-33.9	0.0	136.8	0.0	0.0	0.0
123	-33.9	0.0	136.8	0.0	0.0	0.0
124	-33.9	0.0	136.8	0.0	0.0	0.0
125	-33.9	0.0	136.8	0.0	0.0	0.0
126	-33.9	0.0	136.8	0.0	0.0	0.0
127	-33.9	0.0	136.8	0.0	0.0	0.0
128	-28.7	0.0	115.9	0.0	0.0	0.0
129	-28.7	0.0	115.9	0.0	0.0	0.0
130	-28.7	0.0	115.9	0.0	0.0	0.0
131	-28.7	0.0	115.9	0.0	0.0	0.0
132	-28.7	0.0	115.9	0.0	0.0	0.0
133	-28.7	0.0	115.9	0.0	0.0	0.0
134	-28.7	0.0	115.9	0.0	0.0	0.0
135	-23.5	0.0	95.1	0.0	0.0	0.0
136	-23.5	0.0	95.1	0.0	0.0	0.0
137	-23.5	0.0	95.1	0.0	0.0	0.0
138	-23.5	0.0	95.1	0.0	0.0	0.0
139	-23.5	0.0	95.1	0.0	0.0	0.0
140	-23.5	0.0	95.1	0.0	0.0	0.0
141	-23.5	0.0	95.1	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

142	57.9	0.0	230.8	0.0	0.0	0.0
143	57.9	0.0	230.8	0.0	0.0	0.0
144	57.9	0.0	230.8	0.0	0.0	0.0
145	57.9	0.0	230.8	0.0	0.0	0.0
146	57.9	0.0	230.8	0.0	0.0	0.0
147	57.9	0.0	230.8	0.0	0.0	0.0
148	57.9	0.0	230.8	0.0	0.0	0.0
149	52.7	0.0	210.0	0.0	0.0	0.0
150	52.7	0.0	210.0	0.0	0.0	0.0
151	52.7	0.0	210.0	0.0	0.0	0.0
152	52.7	0.0	210.0	0.0	0.0	0.0
153	52.7	0.0	210.0	0.0	0.0	0.0
154	52.7	0.0	210.0	0.0	0.0	0.0
155	52.7	0.0	210.0	0.0	0.0	0.0
156	47.5	0.0	189.1	0.0	0.0	0.0
157	47.5	0.0	189.1	0.0	0.0	0.0
158	47.5	0.0	189.1	0.0	0.0	0.0
159	47.5	0.0	189.1	0.0	0.0	0.0
160	47.5	0.0	189.1	0.0	0.0	0.0
161	47.5	0.0	189.1	0.0	0.0	0.0
162	47.5	0.0	189.1	0.0	0.0	0.0
163	42.3	0.0	168.3	0.0	0.0	0.0
164	42.3	0.0	168.3	0.0	0.0	0.0
165	42.3	0.0	168.3	0.0	0.0	0.0
166	42.3	0.0	168.3	0.0	0.0	0.0
167	42.3	0.0	168.3	0.0	0.0	0.0
168	42.3	0.0	168.3	0.0	0.0	0.0
169	42.3	0.0	168.3	0.0	0.0	0.0
170	37.1	0.0	147.4	0.0	0.0	0.0
171	37.1	0.0	147.4	0.0	0.0	0.0
172	37.1	0.0	147.4	0.0	0.0	0.0
173	37.1	0.0	147.4	0.0	0.0	0.0
174	37.1	0.0	147.4	0.0	0.0	0.0
175	37.1	0.0	147.4	0.0	0.0	0.0
176	37.1	0.0	147.4	0.0	0.0	0.0
177	-31.3	0.0	126.4	0.0	0.0	0.0
178	-28.8	0.0	116.5	0.0	0.0	0.0
179	-26.2	0.0	106.1	0.0	0.0	0.0
180	-23.6	0.0	95.6	0.0	0.0	0.0
181	58.1	0.0	231.4	0.0	0.0	0.0
182	52.9	0.0	210.5	0.0	0.0	0.0
183	47.7	0.0	189.7	0.0	0.0	0.0
184	45.1	0.0	179.2	0.0	0.0	0.0
185	42.5	0.0	168.8	0.0	0.0	0.0
186	39.8	0.0	158.4	0.0	0.0	0.0
187	-28.8	0.0	116.5	0.0	0.0	0.0
188	-26.2	0.0	106.1	0.0	0.0	0.0
189	-23.6	0.0	95.6	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

190	58.1	0.0	231.4	0.0	0.0	0.0
191	52.9	0.0	210.5	0.0	0.0	0.0
192	47.7	0.0	189.7	0.0	0.0	0.0
193	45.1	0.0	179.2	0.0	0.0	0.0
194	42.5	0.0	168.8	0.0	0.0	0.0
195	39.8	0.0	158.4	0.0	0.0	0.0
196	-31.3	0.0	126.4	0.0	0.0	0.0
197	-28.8	0.0	116.5	0.0	0.0	0.0
198	-26.2	0.0	106.1	0.0	0.0	0.0
199	-23.6	0.0	95.6	0.0	0.0	0.0
200	58.1	0.0	231.4	0.0	0.0	0.0
201	52.9	0.0	210.5	0.0	0.0	0.0
202	47.7	0.0	189.7	0.0	0.0	0.0
203	45.1	0.0	179.2	0.0	0.0	0.0
204	42.5	0.0	168.8	0.0	0.0	0.0
205	39.8	0.0	158.4	0.0	0.0	0.0
206	-28.8	0.0	116.5	0.0	0.0	0.0
207	-26.2	0.0	106.1	0.0	0.0	0.0
208	-23.6	0.0	95.6	0.0	0.0	0.0
209	58.1	0.0	231.4	0.0	0.0	0.0
210	52.9	0.0	210.5	0.0	0.0	0.0
211	47.7	0.0	189.7	0.0	0.0	0.0
212	45.1	0.0	179.2	0.0	0.0	0.0
213	42.5	0.0	168.8	0.0	0.0	0.0
214	39.8	0.0	158.4	0.0	0.0	0.0
215	-26.1	0.0	105.5	0.0	0.0	0.0
216	-23.5	0.0	95.1	0.0	0.0	0.0
217	-23.5	0.0	95.1	0.0	0.0	0.0
218	42.3	0.0	168.3	0.0	0.0	0.0
219	57.9	0.0	230.8	0.0	0.0	0.0
220	52.7	0.0	210.0	0.0	0.0	0.0
221	47.5	0.0	189.1	0.0	0.0	0.0
222	44.9	0.0	178.7	0.0	0.0	0.0
223	57.9	0.0	230.8	0.0	0.0	0.0
224	52.7	0.0	210.0	0.0	0.0	0.0
225	47.5	0.0	189.1	0.0	0.0	0.0
226	44.9	0.0	178.7	0.0	0.0	0.0
227	57.9	0.0	230.8	0.0	0.0	0.0
228	52.7	0.0	210.0	0.0	0.0	0.0
229	47.5	0.0	189.1	0.0	0.0	0.0
230	44.9	0.0	178.7	0.0	0.0	0.0
231	-26.1	0.0	105.5	0.0	0.0	0.0
232	-23.5	0.0	95.1	0.0	0.0	0.0
233	-23.5	0.0	95.1	0.0	0.0	0.0
234	42.3	0.0	168.3	0.0	0.0	0.0
235	57.9	0.0	230.8	0.0	0.0	0.0
236	52.7	0.0	210.0	0.0	0.0	0.0
237	47.5	0.0	189.1	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

238	44.9	0.0	178.7	0.0	0.0	0.0
239	57.9	0.0	230.8	0.0	0.0	0.0
240	52.7	0.0	210.0	0.0	0.0	0.0
241	47.5	0.0	189.1	0.0	0.0	0.0
242	44.9	0.0	178.7	0.0	0.0	0.0
243	57.9	0.0	230.8	0.0	0.0	0.0
244	52.7	0.0	210.0	0.0	0.0	0.0
245	47.5	0.0	189.1	0.0	0.0	0.0
246	44.9	0.0	178.7	0.0	0.0	0.0

LOAD CASE - 5

PILE	PX K	PY K	PZ K	MX IN-K	MY IN-K	MZ IN-K
1	-40.7	0.0	159.3	0.0	0.0	0.0
2	-40.7	0.0	159.3	0.0	0.0	0.0
3	-40.7	0.0	159.3	0.0	0.0	0.0
4	-40.7	0.0	159.3	0.0	0.0	0.0
5	-40.7	0.0	159.3	0.0	0.0	0.0
6	-52.3	0.0	205.6	0.0	0.0	0.0
7	-52.3	0.0	205.6	0.0	0.0	0.0
8	-52.3	0.0	205.6	0.0	0.0	0.0
9	-52.3	0.0	205.6	0.0	0.0	0.0
10	-52.3	0.0	205.6	0.0	0.0	0.0
11	-63.8	0.0	251.9	0.0	0.0	0.0
12	-63.8	0.0	251.9	0.0	0.0	0.0
13	-63.8	0.0	251.9	0.0	0.0	0.0
14	-63.8	0.0	251.9	0.0	0.0	0.0
15	-63.8	0.0	251.9	0.0	0.0	0.0
16	-75.4	0.0	298.2	0.0	0.0	0.0
17	-75.4	0.0	298.2	0.0	0.0	0.0
18	-75.4	0.0	298.2	0.0	0.0	0.0
19	-75.4	0.0	298.2	0.0	0.0	0.0
20	-75.4	0.0	298.2	0.0	0.0	0.0
21	-87.0	0.0	344.5	0.0	0.0	0.0
22	-87.0	0.0	344.5	0.0	0.0	0.0
23	-87.0	0.0	344.5	0.0	0.0	0.0
24	-87.0	0.0	344.5	0.0	0.0	0.0
25	-87.0	0.0	344.5	0.0	0.0	0.0
26	-18.2	0.0	-69.3	0.0	0.0	0.0
27	-18.2	0.0	-69.3	0.0	0.0	0.0
28	-18.2	0.0	-69.3	0.0	0.0	0.0
29	-18.2	0.0	-69.3	0.0	0.0	0.0
30	-18.2	0.0	-69.3	0.0	0.0	0.0
31	4.9	0.0	23.3	0.0	0.0	0.0
32	4.9	0.0	23.3	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

33	4.9	0.0	23.3	0.0	0.0	0.0
34	4.9	0.0	23.3	0.0	0.0	0.0
35	4.9	0.0	23.3	0.0	0.0	0.0
36	28.0	0.0	115.9	0.0	0.0	0.0
37	28.0	0.0	115.9	0.0	0.0	0.0
38	28.0	0.0	115.9	0.0	0.0	0.0
39	28.0	0.0	115.9	0.0	0.0	0.0
40	28.0	0.0	115.9	0.0	0.0	0.0
41	39.6	0.0	162.2	0.0	0.0	0.0
42	39.6	0.0	162.2	0.0	0.0	0.0
43	39.6	0.0	162.2	0.0	0.0	0.0
44	39.6	0.0	162.2	0.0	0.0	0.0
45	39.6	0.0	162.2	0.0	0.0	0.0
46	51.2	0.0	208.6	0.0	0.0	0.0
47	51.2	0.0	208.6	0.0	0.0	0.0
48	51.2	0.0	208.6	0.0	0.0	0.0
49	51.2	0.0	208.6	0.0	0.0	0.0
50	51.2	0.0	208.6	0.0	0.0	0.0
51	62.7	0.0	254.9	0.0	0.0	0.0
52	62.7	0.0	254.9	0.0	0.0	0.0
53	62.7	0.0	254.9	0.0	0.0	0.0
54	62.7	0.0	254.9	0.0	0.0	0.0
55	62.7	0.0	254.9	0.0	0.0	0.0
56	74.3	0.0	301.2	0.0	0.0	0.0
57	74.3	0.0	301.2	0.0	0.0	0.0
58	74.3	0.0	301.2	0.0	0.0	0.0
59	74.3	0.0	301.2	0.0	0.0	0.0
60	74.3	0.0	301.2	0.0	0.0	0.0
61	-40.7	0.0	159.3	0.0	0.0	0.0
62	-40.7	0.0	159.3	0.0	0.0	0.0
63	-40.7	0.0	159.3	0.0	0.0	0.0
64	-40.7	0.0	159.3	0.0	0.0	0.0
65	-40.7	0.0	159.3	0.0	0.0	0.0
66	-52.3	0.0	205.6	0.0	0.0	0.0
67	-52.3	0.0	205.6	0.0	0.0	0.0
68	-52.3	0.0	205.6	0.0	0.0	0.0
69	-52.3	0.0	205.6	0.0	0.0	0.0
70	-52.3	0.0	205.6	0.0	0.0	0.0
71	-63.8	0.0	251.9	0.0	0.0	0.0
72	-63.8	0.0	251.9	0.0	0.0	0.0
73	-63.8	0.0	251.9	0.0	0.0	0.0
74	-63.8	0.0	251.9	0.0	0.0	0.0
75	-63.8	0.0	251.9	0.0	0.0	0.0
76	-75.4	0.0	298.2	0.0	0.0	0.0
77	-75.4	0.0	298.2	0.0	0.0	0.0
78	-75.4	0.0	298.2	0.0	0.0	0.0
79	-75.4	0.0	298.2	0.0	0.0	0.0
80	-75.4	0.0	298.2	0.0	0.0	0.0



EAST REV1 CRL TMPCPGA.OUT.txt

81	-87.0	0.0	344.5	0.0	0.0	0.0
82	-87.0	0.0	344.5	0.0	0.0	0.0
83	-87.0	0.0	344.5	0.0	0.0	0.0
84	-87.0	0.0	344.5	0.0	0.0	0.0
85	-87.0	0.0	344.5	0.0	0.0	0.0
86	-18.2	0.0	-69.3	0.0	0.0	0.0
87	-18.2	0.0	-69.3	0.0	0.0	0.0
88	-18.2	0.0	-69.3	0.0	0.0	0.0
89	-18.2	0.0	-69.3	0.0	0.0	0.0
90	-18.2	0.0	-69.3	0.0	0.0	0.0
91	4.9	0.0	23.3	0.0	0.0	0.0
92	4.9	0.0	23.3	0.0	0.0	0.0
93	4.9	0.0	23.3	0.0	0.0	0.0
94	4.9	0.0	23.3	0.0	0.0	0.0
95	4.9	0.0	23.3	0.0	0.0	0.0
96	28.0	0.0	115.9	0.0	0.0	0.0
97	28.0	0.0	115.9	0.0	0.0	0.0
98	28.0	0.0	115.9	0.0	0.0	0.0
99	28.0	0.0	115.9	0.0	0.0	0.0
100	28.0	0.0	115.9	0.0	0.0	0.0
101	39.6	0.0	162.2	0.0	0.0	0.0
102	39.6	0.0	162.2	0.0	0.0	0.0
103	39.6	0.0	162.2	0.0	0.0	0.0
104	39.6	0.0	162.2	0.0	0.0	0.0
105	39.6	0.0	162.2	0.0	0.0	0.0
106	51.2	0.0	208.6	0.0	0.0	0.0
107	51.2	0.0	208.6	0.0	0.0	0.0
108	51.2	0.0	208.6	0.0	0.0	0.0
109	51.2	0.0	208.6	0.0	0.0	0.0
110	51.2	0.0	208.6	0.0	0.0	0.0
111	62.7	0.0	254.9	0.0	0.0	0.0
112	62.7	0.0	254.9	0.0	0.0	0.0
113	62.7	0.0	254.9	0.0	0.0	0.0
114	62.7	0.0	254.9	0.0	0.0	0.0
115	62.7	0.0	254.9	0.0	0.0	0.0
116	74.3	0.0	301.2	0.0	0.0	0.0
117	74.3	0.0	301.2	0.0	0.0	0.0
118	74.3	0.0	301.2	0.0	0.0	0.0
119	74.3	0.0	301.2	0.0	0.0	0.0
120	74.3	0.0	301.2	0.0	0.0	0.0
121	-40.7	0.0	159.3	0.0	0.0	0.0
122	-40.7	0.0	159.3	0.0	0.0	0.0
123	-40.7	0.0	159.3	0.0	0.0	0.0
124	-40.7	0.0	159.3	0.0	0.0	0.0
125	-40.7	0.0	159.3	0.0	0.0	0.0
126	-40.7	0.0	159.3	0.0	0.0	0.0
127	-40.7	0.0	159.3	0.0	0.0	0.0
128	-63.8	0.0	251.9	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

129	-63.8	0.0	251.9	0.0	0.0	0.0
130	-63.8	0.0	251.9	0.0	0.0	0.0
131	-63.8	0.0	251.9	0.0	0.0	0.0
132	-63.8	0.0	251.9	0.0	0.0	0.0
133	-63.8	0.0	251.9	0.0	0.0	0.0
134	-63.8	0.0	251.9	0.0	0.0	0.0
135	-87.0	0.0	344.5	0.0	0.0	0.0
136	-87.0	0.0	344.5	0.0	0.0	0.0
137	-87.0	0.0	344.5	0.0	0.0	0.0
138	-87.0	0.0	344.5	0.0	0.0	0.0
139	-87.0	0.0	344.5	0.0	0.0	0.0
140	-87.0	0.0	344.5	0.0	0.0	0.0
141	-87.0	0.0	344.5	0.0	0.0	0.0
142	-18.2	0.0	-69.3	0.0	0.0	0.0
143	-18.2	0.0	-69.3	0.0	0.0	0.0
144	-18.2	0.0	-69.3	0.0	0.0	0.0
145	-18.2	0.0	-69.3	0.0	0.0	0.0
146	-18.2	0.0	-69.3	0.0	0.0	0.0
147	-18.2	0.0	-69.3	0.0	0.0	0.0
148	-18.2	0.0	-69.3	0.0	0.0	0.0
149	4.9	0.0	23.3	0.0	0.0	0.0
150	4.9	0.0	23.3	0.0	0.0	0.0
151	4.9	0.0	23.3	0.0	0.0	0.0
152	4.9	0.0	23.3	0.0	0.0	0.0
153	4.9	0.0	23.3	0.0	0.0	0.0
154	4.9	0.0	23.3	0.0	0.0	0.0
155	4.9	0.0	23.3	0.0	0.0	0.0
156	28.0	0.0	115.9	0.0	0.0	0.0
157	28.0	0.0	115.9	0.0	0.0	0.0
158	28.0	0.0	115.9	0.0	0.0	0.0
159	28.0	0.0	115.9	0.0	0.0	0.0
160	28.0	0.0	115.9	0.0	0.0	0.0
161	28.0	0.0	115.9	0.0	0.0	0.0
162	28.0	0.0	115.9	0.0	0.0	0.0
163	51.2	0.0	208.6	0.0	0.0	0.0
164	51.2	0.0	208.6	0.0	0.0	0.0
165	51.2	0.0	208.6	0.0	0.0	0.0
166	51.2	0.0	208.6	0.0	0.0	0.0
167	51.2	0.0	208.6	0.0	0.0	0.0
168	51.2	0.0	208.6	0.0	0.0	0.0
169	51.2	0.0	208.6	0.0	0.0	0.0
170	74.3	0.0	301.2	0.0	0.0	0.0
171	74.3	0.0	301.2	0.0	0.0	0.0
172	74.3	0.0	301.2	0.0	0.0	0.0
173	74.3	0.0	301.2	0.0	0.0	0.0
174	74.3	0.0	301.2	0.0	0.0	0.0
175	74.3	0.0	301.2	0.0	0.0	0.0
176	74.3	0.0	301.2	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

177	-52.3	0.0	205.6	0.0	0.0	0.0
178	-63.2	0.0	249.5	0.0	0.0	0.0
179	-74.8	0.0	295.8	0.0	0.0	0.0
180	-86.4	0.0	342.1	0.0	0.0	0.0
181	-18.8	0.0	-71.7	0.0	0.0	0.0
182	4.3	0.0	20.9	0.0	0.0	0.0
183	27.4	0.0	113.5	0.0	0.0	0.0
184	39.0	0.0	159.8	0.0	0.0	0.0
185	50.6	0.0	206.1	0.0	0.0	0.0
186	62.1	0.0	252.4	0.0	0.0	0.0
187	-63.2	0.0	249.5	0.0	0.0	0.0
188	-74.8	0.0	295.8	0.0	0.0	0.0
189	-86.4	0.0	342.1	0.0	0.0	0.0
190	-18.8	0.0	-71.7	0.0	0.0	0.0
191	4.3	0.0	20.9	0.0	0.0	0.0
192	27.4	0.0	113.5	0.0	0.0	0.0
193	39.0	0.0	159.8	0.0	0.0	0.0
194	50.6	0.0	206.1	0.0	0.0	0.0
195	62.1	0.0	252.4	0.0	0.0	0.0
196	-52.3	0.0	205.6	0.0	0.0	0.0
197	-63.2	0.0	249.5	0.0	0.0	0.0
198	-74.8	0.0	295.8	0.0	0.0	0.0
199	-86.4	0.0	342.1	0.0	0.0	0.0
200	-18.8	0.0	-71.7	0.0	0.0	0.0
201	4.3	0.0	20.9	0.0	0.0	0.0
202	27.4	0.0	113.5	0.0	0.0	0.0
203	39.0	0.0	159.8	0.0	0.0	0.0
204	50.6	0.0	206.1	0.0	0.0	0.0
205	62.1	0.0	252.4	0.0	0.0	0.0
206	-63.2	0.0	249.5	0.0	0.0	0.0
207	-74.8	0.0	295.8	0.0	0.0	0.0
208	-86.4	0.0	342.1	0.0	0.0	0.0
209	-18.8	0.0	-71.7	0.0	0.0	0.0
210	4.3	0.0	20.9	0.0	0.0	0.0
211	27.4	0.0	113.5	0.0	0.0	0.0
212	39.0	0.0	159.8	0.0	0.0	0.0
213	50.6	0.0	206.1	0.0	0.0	0.0
214	62.1	0.0	252.4	0.0	0.0	0.0
215	-75.4	0.0	298.2	0.0	0.0	0.0
216	-87.0	0.0	344.5	0.0	0.0	0.0
217	-87.0	0.0	344.5	0.0	0.0	0.0
218	51.2	0.0	208.6	0.0	0.0	0.0
219	-18.2	0.0	-69.3	0.0	0.0	0.0
220	4.9	0.0	23.3	0.0	0.0	0.0
221	28.0	0.0	115.9	0.0	0.0	0.0
222	39.6	0.0	162.2	0.0	0.0	0.0
223	-18.2	0.0	-69.3	0.0	0.0	0.0
224	4.9	0.0	23.3	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

225	28.0	0.0	115.9	0.0	0.0	0.0
226	39.6	0.0	162.2	0.0	0.0	0.0
227	-18.2	0.0	-69.3	0.0	0.0	0.0
228	4.9	0.0	23.3	0.0	0.0	0.0
229	28.0	0.0	115.9	0.0	0.0	0.0
230	39.6	0.0	162.2	0.0	0.0	0.0
231	-75.4	0.0	298.2	0.0	0.0	0.0
232	-87.0	0.0	344.5	0.0	0.0	0.0
233	-87.0	0.0	344.5	0.0	0.0	0.0
234	51.2	0.0	208.6	0.0	0.0	0.0
235	-18.2	0.0	-69.3	0.0	0.0	0.0
236	4.9	0.0	23.3	0.0	0.0	0.0
237	28.0	0.0	115.9	0.0	0.0	0.0
238	39.6	0.0	162.2	0.0	0.0	0.0
239	-18.2	0.0	-69.3	0.0	0.0	0.0
240	4.9	0.0	23.3	0.0	0.0	0.0
241	28.0	0.0	115.9	0.0	0.0	0.0
242	39.6	0.0	162.2	0.0	0.0	0.0
243	-18.2	0.0	-69.3	0.0	0.0	0.0
244	4.9	0.0	23.3	0.0	0.0	0.0
245	28.0	0.0	115.9	0.0	0.0	0.0
246	39.6	0.0	162.2	0.0	0.0	0.0

LOAD CASE - 6

PILE	PX K	PY K	PZ K	MX IN-K	MY IN-K	MZ IN-K
1	-40.8	0.0	159.6	0.0	0.0	0.0
2	-40.8	0.0	159.6	0.0	0.0	0.0
3	-40.8	0.0	159.6	0.0	0.0	0.0
4	-40.8	0.0	159.6	0.0	0.0	0.0
5	-40.8	0.0	159.6	0.0	0.0	0.0
6	-52.9	0.0	207.8	0.0	0.0	0.0
7	-52.9	0.0	207.8	0.0	0.0	0.0
8	-52.9	0.0	207.8	0.0	0.0	0.0
9	-52.9	0.0	207.8	0.0	0.0	0.0
10	-52.9	0.0	207.8	0.0	0.0	0.0
11	-64.9	0.0	256.1	0.0	0.0	0.0
12	-64.9	0.0	256.1	0.0	0.0	0.0
13	-64.9	0.0	256.1	0.0	0.0	0.0
14	-64.9	0.0	256.1	0.0	0.0	0.0
15	-64.9	0.0	256.1	0.0	0.0	0.0
16	-77.0	0.0	304.3	0.0	0.0	0.0
17	-77.0	0.0	304.3	0.0	0.0	0.0
18	-77.0	0.0	304.3	0.0	0.0	0.0
19	-77.0	0.0	304.3	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

20	-77.0	0.0	304.3	0.0	0.0	0.0
21	-89.0	0.0	352.5	0.0	0.0	0.0
22	-89.0	0.0	352.5	0.0	0.0	0.0
23	-89.0	0.0	352.5	0.0	0.0	0.0
24	-89.0	0.0	352.5	0.0	0.0	0.0
25	-89.0	0.0	352.5	0.0	0.0	0.0
26	-20.9	0.0	-79.8	0.0	0.0	0.0
27	-20.9	0.0	-79.8	0.0	0.0	0.0
28	-20.9	0.0	-79.8	0.0	0.0	0.0
29	-20.9	0.0	-79.8	0.0	0.0	0.0
30	-20.9	0.0	-79.8	0.0	0.0	0.0
31	3.2	0.0	16.6	0.0	0.0	0.0
32	3.2	0.0	16.6	0.0	0.0	0.0
33	3.2	0.0	16.6	0.0	0.0	0.0
34	3.2	0.0	16.6	0.0	0.0	0.0
35	3.2	0.0	16.6	0.0	0.0	0.0
36	27.3	0.0	113.1	0.0	0.0	0.0
37	27.3	0.0	113.1	0.0	0.0	0.0
38	27.3	0.0	113.1	0.0	0.0	0.0
39	27.3	0.0	113.1	0.0	0.0	0.0
40	27.3	0.0	113.1	0.0	0.0	0.0
41	39.3	0.0	161.3	0.0	0.0	0.0
42	39.3	0.0	161.3	0.0	0.0	0.0
43	39.3	0.0	161.3	0.0	0.0	0.0
44	39.3	0.0	161.3	0.0	0.0	0.0
45	39.3	0.0	161.3	0.0	0.0	0.0
46	51.4	0.0	209.6	0.0	0.0	0.0
47	51.4	0.0	209.6	0.0	0.0	0.0
48	51.4	0.0	209.6	0.0	0.0	0.0
49	51.4	0.0	209.6	0.0	0.0	0.0
50	51.4	0.0	209.6	0.0	0.0	0.0
51	63.4	0.0	257.8	0.0	0.0	0.0
52	63.4	0.0	257.8	0.0	0.0	0.0
53	63.4	0.0	257.8	0.0	0.0	0.0
54	63.4	0.0	257.8	0.0	0.0	0.0
55	63.4	0.0	257.8	0.0	0.0	0.0
56	75.5	0.0	306.0	0.0	0.0	0.0
57	75.5	0.0	306.0	0.0	0.0	0.0
58	75.5	0.0	306.0	0.0	0.0	0.0
59	75.5	0.0	306.0	0.0	0.0	0.0
60	75.5	0.0	306.0	0.0	0.0	0.0
61	-40.8	0.0	159.6	0.0	0.0	0.0
62	-40.8	0.0	159.6	0.0	0.0	0.0
63	-40.8	0.0	159.6	0.0	0.0	0.0
64	-40.8	0.0	159.6	0.0	0.0	0.0
65	-40.8	0.0	159.6	0.0	0.0	0.0
66	-52.9	0.0	207.8	0.0	0.0	0.0
67	-52.9	0.0	207.8	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

68	-52.9	0.0	207.8	0.0	0.0	0.0
69	-52.9	0.0	207.8	0.0	0.0	0.0
70	-52.9	0.0	207.8	0.0	0.0	0.0
71	-64.9	0.0	256.1	0.0	0.0	0.0
72	-64.9	0.0	256.1	0.0	0.0	0.0
73	-64.9	0.0	256.1	0.0	0.0	0.0
74	-64.9	0.0	256.1	0.0	0.0	0.0
75	-64.9	0.0	256.1	0.0	0.0	0.0
76	-77.0	0.0	304.3	0.0	0.0	0.0
77	-77.0	0.0	304.3	0.0	0.0	0.0
78	-77.0	0.0	304.3	0.0	0.0	0.0
79	-77.0	0.0	304.3	0.0	0.0	0.0
80	-77.0	0.0	304.3	0.0	0.0	0.0
81	-89.0	0.0	352.5	0.0	0.0	0.0
82	-89.0	0.0	352.5	0.0	0.0	0.0
83	-89.0	0.0	352.5	0.0	0.0	0.0
84	-89.0	0.0	352.5	0.0	0.0	0.0
85	-89.0	0.0	352.5	0.0	0.0	0.0
86	-20.9	0.0	-79.8	0.0	0.0	0.0
87	-20.9	0.0	-79.8	0.0	0.0	0.0
88	-20.9	0.0	-79.8	0.0	0.0	0.0
89	-20.9	0.0	-79.8	0.0	0.0	0.0
90	-20.9	0.0	-79.8	0.0	0.0	0.0
91	3.2	0.0	16.6	0.0	0.0	0.0
92	3.2	0.0	16.6	0.0	0.0	0.0
93	3.2	0.0	16.6	0.0	0.0	0.0
94	3.2	0.0	16.6	0.0	0.0	0.0
95	3.2	0.0	16.6	0.0	0.0	0.0
96	27.3	0.0	113.1	0.0	0.0	0.0
97	27.3	0.0	113.1	0.0	0.0	0.0
98	27.3	0.0	113.1	0.0	0.0	0.0
99	27.3	0.0	113.1	0.0	0.0	0.0
100	27.3	0.0	113.1	0.0	0.0	0.0
101	39.3	0.0	161.3	0.0	0.0	0.0
102	39.3	0.0	161.3	0.0	0.0	0.0
103	39.3	0.0	161.3	0.0	0.0	0.0
104	39.3	0.0	161.3	0.0	0.0	0.0
105	39.3	0.0	161.3	0.0	0.0	0.0
106	51.4	0.0	209.6	0.0	0.0	0.0
107	51.4	0.0	209.6	0.0	0.0	0.0
108	51.4	0.0	209.6	0.0	0.0	0.0
109	51.4	0.0	209.6	0.0	0.0	0.0
110	51.4	0.0	209.6	0.0	0.0	0.0
111	63.4	0.0	257.8	0.0	0.0	0.0
112	63.4	0.0	257.8	0.0	0.0	0.0
113	63.4	0.0	257.8	0.0	0.0	0.0
114	63.4	0.0	257.8	0.0	0.0	0.0
115	63.4	0.0	257.8	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

116	75.5	0.0	306.0	0.0	0.0	0.0
117	75.5	0.0	306.0	0.0	0.0	0.0
118	75.5	0.0	306.0	0.0	0.0	0.0
119	75.5	0.0	306.0	0.0	0.0	0.0
120	75.5	0.0	306.0	0.0	0.0	0.0
121	-40.8	0.0	159.6	0.0	0.0	0.0
122	-40.8	0.0	159.6	0.0	0.0	0.0
123	-40.8	0.0	159.6	0.0	0.0	0.0
124	-40.8	0.0	159.6	0.0	0.0	0.0
125	-40.8	0.0	159.6	0.0	0.0	0.0
126	-40.8	0.0	159.6	0.0	0.0	0.0
127	-40.8	0.0	159.6	0.0	0.0	0.0
128	-64.9	0.0	256.1	0.0	0.0	0.0
129	-64.9	0.0	256.1	0.0	0.0	0.0
130	-64.9	0.0	256.1	0.0	0.0	0.0
131	-64.9	0.0	256.1	0.0	0.0	0.0
132	-64.9	0.0	256.1	0.0	0.0	0.0
133	-64.9	0.0	256.1	0.0	0.0	0.0
134	-64.9	0.0	256.1	0.0	0.0	0.0
135	-89.0	0.0	352.5	0.0	0.0	0.0
136	-89.0	0.0	352.5	0.0	0.0	0.0
137	-89.0	0.0	352.5	0.0	0.0	0.0
138	-89.0	0.0	352.5	0.0	0.0	0.0
139	-89.0	0.0	352.5	0.0	0.0	0.0
140	-89.0	0.0	352.5	0.0	0.0	0.0
141	-89.0	0.0	352.5	0.0	0.0	0.0
142	-20.9	0.0	-79.8	0.0	0.0	0.0
143	-20.9	0.0	-79.8	0.0	0.0	0.0
144	-20.9	0.0	-79.8	0.0	0.0	0.0
145	-20.9	0.0	-79.8	0.0	0.0	0.0
146	-20.9	0.0	-79.8	0.0	0.0	0.0
147	-20.9	0.0	-79.8	0.0	0.0	0.0
148	-20.9	0.0	-79.8	0.0	0.0	0.0
149	3.2	0.0	16.6	0.0	0.0	0.0
150	3.2	0.0	16.6	0.0	0.0	0.0
151	3.2	0.0	16.6	0.0	0.0	0.0
152	3.2	0.0	16.6	0.0	0.0	0.0
153	3.2	0.0	16.6	0.0	0.0	0.0
154	3.2	0.0	16.6	0.0	0.0	0.0
155	3.2	0.0	16.6	0.0	0.0	0.0
156	27.3	0.0	113.1	0.0	0.0	0.0
157	27.3	0.0	113.1	0.0	0.0	0.0
158	27.3	0.0	113.1	0.0	0.0	0.0
159	27.3	0.0	113.1	0.0	0.0	0.0
160	27.3	0.0	113.1	0.0	0.0	0.0
161	27.3	0.0	113.1	0.0	0.0	0.0
162	27.3	0.0	113.1	0.0	0.0	0.0
163	51.4	0.0	209.6	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

164	51.4	0.0	209.6	0.0	0.0	0.0
165	51.4	0.0	209.6	0.0	0.0	0.0
166	51.4	0.0	209.6	0.0	0.0	0.0
167	51.4	0.0	209.6	0.0	0.0	0.0
168	51.4	0.0	209.6	0.0	0.0	0.0
169	51.4	0.0	209.6	0.0	0.0	0.0
170	75.5	0.0	306.0	0.0	0.0	0.0
171	75.5	0.0	306.0	0.0	0.0	0.0
172	75.5	0.0	306.0	0.0	0.0	0.0
173	75.5	0.0	306.0	0.0	0.0	0.0
174	75.5	0.0	306.0	0.0	0.0	0.0
175	75.5	0.0	306.0	0.0	0.0	0.0
176	75.5	0.0	306.0	0.0	0.0	0.0
177	-52.9	0.0	207.8	0.0	0.0	0.0
178	-64.3	0.0	253.5	0.0	0.0	0.0
179	-76.3	0.0	301.8	0.0	0.0	0.0
180	-88.4	0.0	350.0	0.0	0.0	0.0
181	-21.5	0.0	-82.4	0.0	0.0	0.0
182	2.6	0.0	14.1	0.0	0.0	0.0
183	26.7	0.0	110.6	0.0	0.0	0.0
184	38.7	0.0	158.8	0.0	0.0	0.0
185	50.8	0.0	207.0	0.0	0.0	0.0
186	62.8	0.0	255.3	0.0	0.0	0.0
187	-64.3	0.0	253.5	0.0	0.0	0.0
188	-76.3	0.0	301.8	0.0	0.0	0.0
189	-88.4	0.0	350.0	0.0	0.0	0.0
190	-21.5	0.0	-82.4	0.0	0.0	0.0
191	2.6	0.0	14.1	0.0	0.0	0.0
192	26.7	0.0	110.6	0.0	0.0	0.0
193	38.7	0.0	158.8	0.0	0.0	0.0
194	50.8	0.0	207.0	0.0	0.0	0.0
195	62.8	0.0	255.3	0.0	0.0	0.0
196	-52.9	0.0	207.8	0.0	0.0	0.0
197	-64.3	0.0	253.5	0.0	0.0	0.0
198	-76.3	0.0	301.8	0.0	0.0	0.0
199	-88.4	0.0	350.0	0.0	0.0	0.0
200	-21.5	0.0	-82.4	0.0	0.0	0.0
201	2.6	0.0	14.1	0.0	0.0	0.0
202	26.7	0.0	110.6	0.0	0.0	0.0
203	38.7	0.0	158.8	0.0	0.0	0.0
204	50.8	0.0	207.0	0.0	0.0	0.0
205	62.8	0.0	255.3	0.0	0.0	0.0
206	-64.3	0.0	253.5	0.0	0.0	0.0
207	-76.3	0.0	301.8	0.0	0.0	0.0
208	-88.4	0.0	350.0	0.0	0.0	0.0
209	-21.5	0.0	-82.4	0.0	0.0	0.0
210	2.6	0.0	14.1	0.0	0.0	0.0
211	26.7	0.0	110.6	0.0	0.0	0.0



EAST REV1 CRL TMPCPGA.OUT.txt

212	38.7	0.0	158.8	0.0	0.0	0.0
213	50.8	0.0	207.0	0.0	0.0	0.0
214	62.8	0.0	255.3	0.0	0.0	0.0
215	-77.0	0.0	304.3	0.0	0.0	0.0
216	-89.0	0.0	352.5	0.0	0.0	0.0
217	-89.0	0.0	352.5	0.0	0.0	0.0
218	51.4	0.0	209.6	0.0	0.0	0.0
219	-20.9	0.0	-79.8	0.0	0.0	0.0
220	3.2	0.0	16.6	0.0	0.0	0.0
221	27.3	0.0	113.1	0.0	0.0	0.0
222	39.3	0.0	161.3	0.0	0.0	0.0
223	-20.9	0.0	-79.8	0.0	0.0	0.0
224	3.2	0.0	16.6	0.0	0.0	0.0
225	27.3	0.0	113.1	0.0	0.0	0.0
226	39.3	0.0	161.3	0.0	0.0	0.0
227	-20.9	0.0	-79.8	0.0	0.0	0.0
228	3.2	0.0	16.6	0.0	0.0	0.0
229	27.3	0.0	113.1	0.0	0.0	0.0
230	39.3	0.0	161.3	0.0	0.0	0.0
231	-77.0	0.0	304.3	0.0	0.0	0.0
232	-89.0	0.0	352.5	0.0	0.0	0.0
233	-89.0	0.0	352.5	0.0	0.0	0.0
234	51.4	0.0	209.6	0.0	0.0	0.0
235	-20.9	0.0	-79.8	0.0	0.0	0.0
236	3.2	0.0	16.6	0.0	0.0	0.0
237	27.3	0.0	113.1	0.0	0.0	0.0
238	39.3	0.0	161.3	0.0	0.0	0.0
239	-20.9	0.0	-79.8	0.0	0.0	0.0
240	3.2	0.0	16.6	0.0	0.0	0.0
241	27.3	0.0	113.1	0.0	0.0	0.0
242	39.3	0.0	161.3	0.0	0.0	0.0
243	-20.9	0.0	-79.8	0.0	0.0	0.0
244	3.2	0.0	16.6	0.0	0.0	0.0
245	27.3	0.0	113.1	0.0	0.0	0.0
246	39.3	0.0	161.3	0.0	0.0	0.0

LOAD CASE - 7

PILE	PX K	PY K	PZ K	MX IN-K	MY IN-K	MZ IN-K
1	-31.8	0.0	130.0	0.0	0.0	0.0
2	-31.8	0.0	130.0	0.0	0.0	0.0
3	-31.8	0.0	130.0	0.0	0.0	0.0
4	-31.8	0.0	130.0	0.0	0.0	0.0
5	-31.8	0.0	130.0	0.0	0.0	0.0
6	-24.2	0.0	99.9	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

7	-24.2	0.0	99.9	0.0	0.0	0.0
8	-24.2	0.0	99.9	0.0	0.0	0.0
9	-24.2	0.0	99.9	0.0	0.0	0.0
10	-24.2	0.0	99.9	0.0	0.0	0.0
11	-16.7	0.0	69.8	0.0	0.0	0.0
12	-16.7	0.0	69.8	0.0	0.0	0.0
13	-16.7	0.0	69.8	0.0	0.0	0.0
14	-16.7	0.0	69.8	0.0	0.0	0.0
15	-16.7	0.0	69.8	0.0	0.0	0.0
16	-9.2	0.0	39.6	0.0	0.0	0.0
17	-9.2	0.0	39.6	0.0	0.0	0.0
18	-9.2	0.0	39.6	0.0	0.0	0.0
19	-9.2	0.0	39.6	0.0	0.0	0.0
20	-9.2	0.0	39.6	0.0	0.0	0.0
21	-1.7	0.0	9.5	0.0	0.0	0.0
22	-1.7	0.0	9.5	0.0	0.0	0.0
23	-1.7	0.0	9.5	0.0	0.0	0.0
24	-1.7	0.0	9.5	0.0	0.0	0.0
25	-1.7	0.0	9.5	0.0	0.0	0.0
26	84.6	0.0	335.8	0.0	0.0	0.0
27	84.6	0.0	335.8	0.0	0.0	0.0
28	84.6	0.0	335.8	0.0	0.0	0.0
29	84.6	0.0	335.8	0.0	0.0	0.0
30	84.6	0.0	335.8	0.0	0.0	0.0
31	69.5	0.0	275.6	0.0	0.0	0.0
32	69.5	0.0	275.6	0.0	0.0	0.0
33	69.5	0.0	275.6	0.0	0.0	0.0
34	69.5	0.0	275.6	0.0	0.0	0.0
35	69.5	0.0	275.6	0.0	0.0	0.0
36	54.5	0.0	215.3	0.0	0.0	0.0
37	54.5	0.0	215.3	0.0	0.0	0.0
38	54.5	0.0	215.3	0.0	0.0	0.0
39	54.5	0.0	215.3	0.0	0.0	0.0
40	54.5	0.0	215.3	0.0	0.0	0.0
41	47.0	0.0	185.2	0.0	0.0	0.0
42	47.0	0.0	185.2	0.0	0.0	0.0
43	47.0	0.0	185.2	0.0	0.0	0.0
44	47.0	0.0	185.2	0.0	0.0	0.0
45	47.0	0.0	185.2	0.0	0.0	0.0
46	39.5	0.0	155.1	0.0	0.0	0.0
47	39.5	0.0	155.1	0.0	0.0	0.0
48	39.5	0.0	155.1	0.0	0.0	0.0
49	39.5	0.0	155.1	0.0	0.0	0.0
50	39.5	0.0	155.1	0.0	0.0	0.0
51	31.9	0.0	125.0	0.0	0.0	0.0
52	31.9	0.0	125.0	0.0	0.0	0.0
53	31.9	0.0	125.0	0.0	0.0	0.0
54	31.9	0.0	125.0	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

55	31.9	0.0	125.0	0.0	0.0	0.0
56	24.4	0.0	94.9	0.0	0.0	0.0
57	24.4	0.0	94.9	0.0	0.0	0.0
58	24.4	0.0	94.9	0.0	0.0	0.0
59	24.4	0.0	94.9	0.0	0.0	0.0
60	24.4	0.0	94.9	0.0	0.0	0.0
61	-31.8	0.0	130.0	0.0	0.0	0.0
62	-31.8	0.0	130.0	0.0	0.0	0.0
63	-31.8	0.0	130.0	0.0	0.0	0.0
64	-31.8	0.0	130.0	0.0	0.0	0.0
65	-31.8	0.0	130.0	0.0	0.0	0.0
66	-24.2	0.0	99.9	0.0	0.0	0.0
67	-24.2	0.0	99.9	0.0	0.0	0.0
68	-24.2	0.0	99.9	0.0	0.0	0.0
69	-24.2	0.0	99.9	0.0	0.0	0.0
70	-24.2	0.0	99.9	0.0	0.0	0.0
71	-16.7	0.0	69.8	0.0	0.0	0.0
72	-16.7	0.0	69.8	0.0	0.0	0.0
73	-16.7	0.0	69.8	0.0	0.0	0.0
74	-16.7	0.0	69.8	0.0	0.0	0.0
75	-16.7	0.0	69.8	0.0	0.0	0.0
76	-9.2	0.0	39.6	0.0	0.0	0.0
77	-9.2	0.0	39.6	0.0	0.0	0.0
78	-9.2	0.0	39.6	0.0	0.0	0.0
79	-9.2	0.0	39.6	0.0	0.0	0.0
80	-9.2	0.0	39.6	0.0	0.0	0.0
81	-1.7	0.0	9.5	0.0	0.0	0.0
82	-1.7	0.0	9.5	0.0	0.0	0.0
83	-1.7	0.0	9.5	0.0	0.0	0.0
84	-1.7	0.0	9.5	0.0	0.0	0.0
85	-1.7	0.0	9.5	0.0	0.0	0.0
86	84.6	0.0	335.8	0.0	0.0	0.0
87	84.6	0.0	335.8	0.0	0.0	0.0
88	84.6	0.0	335.8	0.0	0.0	0.0
89	84.6	0.0	335.8	0.0	0.0	0.0
90	84.6	0.0	335.8	0.0	0.0	0.0
91	69.5	0.0	275.6	0.0	0.0	0.0
92	69.5	0.0	275.6	0.0	0.0	0.0
93	69.5	0.0	275.6	0.0	0.0	0.0
94	69.5	0.0	275.6	0.0	0.0	0.0
95	69.5	0.0	275.6	0.0	0.0	0.0
96	54.5	0.0	215.3	0.0	0.0	0.0
97	54.5	0.0	215.3	0.0	0.0	0.0
98	54.5	0.0	215.3	0.0	0.0	0.0
99	54.5	0.0	215.3	0.0	0.0	0.0
100	54.5	0.0	215.3	0.0	0.0	0.0
101	47.0	0.0	185.2	0.0	0.0	0.0
102	47.0	0.0	185.2	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

103	47.0	0.0	185.2	0.0	0.0	0.0
104	47.0	0.0	185.2	0.0	0.0	0.0
105	47.0	0.0	185.2	0.0	0.0	0.0
106	39.5	0.0	155.1	0.0	0.0	0.0
107	39.5	0.0	155.1	0.0	0.0	0.0
108	39.5	0.0	155.1	0.0	0.0	0.0
109	39.5	0.0	155.1	0.0	0.0	0.0
110	39.5	0.0	155.1	0.0	0.0	0.0
111	31.9	0.0	125.0	0.0	0.0	0.0
112	31.9	0.0	125.0	0.0	0.0	0.0
113	31.9	0.0	125.0	0.0	0.0	0.0
114	31.9	0.0	125.0	0.0	0.0	0.0
115	31.9	0.0	125.0	0.0	0.0	0.0
116	24.4	0.0	94.9	0.0	0.0	0.0
117	24.4	0.0	94.9	0.0	0.0	0.0
118	24.4	0.0	94.9	0.0	0.0	0.0
119	24.4	0.0	94.9	0.0	0.0	0.0
120	24.4	0.0	94.9	0.0	0.0	0.0
121	-31.8	0.0	130.0	0.0	0.0	0.0
122	-31.8	0.0	130.0	0.0	0.0	0.0
123	-31.8	0.0	130.0	0.0	0.0	0.0
124	-31.8	0.0	130.0	0.0	0.0	0.0
125	-31.8	0.0	130.0	0.0	0.0	0.0
126	-31.8	0.0	130.0	0.0	0.0	0.0
127	-31.8	0.0	130.0	0.0	0.0	0.0
128	-16.7	0.0	69.8	0.0	0.0	0.0
129	-16.7	0.0	69.8	0.0	0.0	0.0
130	-16.7	0.0	69.8	0.0	0.0	0.0
131	-16.7	0.0	69.8	0.0	0.0	0.0
132	-16.7	0.0	69.8	0.0	0.0	0.0
133	-16.7	0.0	69.8	0.0	0.0	0.0
134	-16.7	0.0	69.8	0.0	0.0	0.0
135	-1.7	0.0	9.5	0.0	0.0	0.0
136	-1.7	0.0	9.5	0.0	0.0	0.0
137	-1.7	0.0	9.5	0.0	0.0	0.0
138	-1.7	0.0	9.5	0.0	0.0	0.0
139	-1.7	0.0	9.5	0.0	0.0	0.0
140	-1.7	0.0	9.5	0.0	0.0	0.0
141	-1.7	0.0	9.5	0.0	0.0	0.0
142	84.6	0.0	335.8	0.0	0.0	0.0
143	84.6	0.0	335.8	0.0	0.0	0.0
144	84.6	0.0	335.8	0.0	0.0	0.0
145	84.6	0.0	335.8	0.0	0.0	0.0
146	84.6	0.0	335.8	0.0	0.0	0.0
147	84.6	0.0	335.8	0.0	0.0	0.0
148	84.6	0.0	335.8	0.0	0.0	0.0
149	69.5	0.0	275.6	0.0	0.0	0.0
150	69.5	0.0	275.6	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

151	69.5	0.0	275.6	0.0	0.0	0.0
152	69.5	0.0	275.6	0.0	0.0	0.0
153	69.5	0.0	275.6	0.0	0.0	0.0
154	69.5	0.0	275.6	0.0	0.0	0.0
155	69.5	0.0	275.6	0.0	0.0	0.0
156	54.5	0.0	215.3	0.0	0.0	0.0
157	54.5	0.0	215.3	0.0	0.0	0.0
158	54.5	0.0	215.3	0.0	0.0	0.0
159	54.5	0.0	215.3	0.0	0.0	0.0
160	54.5	0.0	215.3	0.0	0.0	0.0
161	54.5	0.0	215.3	0.0	0.0	0.0
162	54.5	0.0	215.3	0.0	0.0	0.0
163	39.5	0.0	155.1	0.0	0.0	0.0
164	39.5	0.0	155.1	0.0	0.0	0.0
165	39.5	0.0	155.1	0.0	0.0	0.0
166	39.5	0.0	155.1	0.0	0.0	0.0
167	39.5	0.0	155.1	0.0	0.0	0.0
168	39.5	0.0	155.1	0.0	0.0	0.0
169	39.5	0.0	155.1	0.0	0.0	0.0
170	24.4	0.0	94.9	0.0	0.0	0.0
171	24.4	0.0	94.9	0.0	0.0	0.0
172	24.4	0.0	94.9	0.0	0.0	0.0
173	24.4	0.0	94.9	0.0	0.0	0.0
174	24.4	0.0	94.9	0.0	0.0	0.0
175	24.4	0.0	94.9	0.0	0.0	0.0
176	24.4	0.0	94.9	0.0	0.0	0.0
177	-24.2	0.0	99.9	0.0	0.0	0.0
178	-17.1	0.0	71.3	0.0	0.0	0.0
179	-9.6	0.0	41.2	0.0	0.0	0.0
180	-2.1	0.0	11.1	0.0	0.0	0.0
181	85.0	0.0	337.4	0.0	0.0	0.0
182	69.9	0.0	277.1	0.0	0.0	0.0
183	54.9	0.0	216.9	0.0	0.0	0.0
184	47.4	0.0	186.8	0.0	0.0	0.0
185	39.8	0.0	156.7	0.0	0.0	0.0
186	32.3	0.0	126.6	0.0	0.0	0.0
187	-17.1	0.0	71.3	0.0	0.0	0.0
188	-9.6	0.0	41.2	0.0	0.0	0.0
189	-2.1	0.0	11.1	0.0	0.0	0.0
190	85.0	0.0	337.4	0.0	0.0	0.0
191	69.9	0.0	277.1	0.0	0.0	0.0
192	54.9	0.0	216.9	0.0	0.0	0.0
193	47.4	0.0	186.8	0.0	0.0	0.0
194	39.8	0.0	156.7	0.0	0.0	0.0
195	32.3	0.0	126.6	0.0	0.0	0.0
196	-24.2	0.0	99.9	0.0	0.0	0.0
197	-17.1	0.0	71.3	0.0	0.0	0.0
198	-9.6	0.0	41.2	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

199	-2.1	0.0	11.1	0.0	0.0	0.0
200	85.0	0.0	337.4	0.0	0.0	0.0
201	69.9	0.0	277.1	0.0	0.0	0.0
202	54.9	0.0	216.9	0.0	0.0	0.0
203	47.4	0.0	186.8	0.0	0.0	0.0
204	39.8	0.0	156.7	0.0	0.0	0.0
205	32.3	0.0	126.6	0.0	0.0	0.0
206	-17.1	0.0	71.3	0.0	0.0	0.0
207	-9.6	0.0	41.2	0.0	0.0	0.0
208	-2.1	0.0	11.1	0.0	0.0	0.0
209	85.0	0.0	337.4	0.0	0.0	0.0
210	69.9	0.0	277.1	0.0	0.0	0.0
211	54.9	0.0	216.9	0.0	0.0	0.0
212	47.4	0.0	186.8	0.0	0.0	0.0
213	39.8	0.0	156.7	0.0	0.0	0.0
214	32.3	0.0	126.6	0.0	0.0	0.0
215	-9.2	0.0	39.6	0.0	0.0	0.0
216	-1.7	0.0	9.5	0.0	0.0	0.0
217	-1.7	0.0	9.5	0.0	0.0	0.0
218	39.5	0.0	155.1	0.0	0.0	0.0
219	84.6	0.0	335.8	0.0	0.0	0.0
220	69.5	0.0	275.6	0.0	0.0	0.0
221	54.5	0.0	215.4	0.0	0.0	0.0
222	47.0	0.0	185.2	0.0	0.0	0.0
223	84.6	0.0	335.8	0.0	0.0	0.0
224	69.5	0.0	275.6	0.0	0.0	0.0
225	54.5	0.0	215.4	0.0	0.0	0.0
226	47.0	0.0	185.2	0.0	0.0	0.0
227	84.6	0.0	335.8	0.0	0.0	0.0
228	69.5	0.0	275.6	0.0	0.0	0.0
229	54.5	0.0	215.4	0.0	0.0	0.0
230	47.0	0.0	185.2	0.0	0.0	0.0
231	-9.2	0.0	39.6	0.0	0.0	0.0
232	-1.7	0.0	9.5	0.0	0.0	0.0
233	-1.7	0.0	9.5	0.0	0.0	0.0
234	39.5	0.0	155.1	0.0	0.0	0.0
235	84.6	0.0	335.8	0.0	0.0	0.0
236	69.5	0.0	275.6	0.0	0.0	0.0
237	54.5	0.0	215.4	0.0	0.0	0.0
238	47.0	0.0	185.2	0.0	0.0	0.0
239	84.6	0.0	335.8	0.0	0.0	0.0
240	69.5	0.0	275.6	0.0	0.0	0.0
241	54.5	0.0	215.4	0.0	0.0	0.0
242	47.0	0.0	185.2	0.0	0.0	0.0
243	84.6	0.0	335.8	0.0	0.0	0.0
244	69.5	0.0	275.6	0.0	0.0	0.0
245	54.5	0.0	215.4	0.0	0.0	0.0
246	47.0	0.0	185.2	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

LOAD CASE - 8

PILE	PX K	PY K	PZ K	MX IN-K	MY IN-K	MZ IN-K
1	-4.6	0.0	17.3	0.0	0.0	0.0
2	-4.6	0.0	17.3	0.0	0.0	0.0
3	-4.6	0.0	17.3	0.0	0.0	0.0
4	-4.6	0.0	17.3	0.0	0.0	0.0
5	-4.6	0.0	17.3	0.0	0.0	0.0
6	-7.9	0.0	30.8	0.0	0.0	0.0
7	-7.9	0.0	30.8	0.0	0.0	0.0
8	-7.9	0.0	30.8	0.0	0.0	0.0
9	-7.9	0.0	30.8	0.0	0.0	0.0
10	-7.9	0.0	30.8	0.0	0.0	0.0
11	-11.3	0.0	44.3	0.0	0.0	0.0
12	-11.3	0.0	44.3	0.0	0.0	0.0
13	-11.3	0.0	44.3	0.0	0.0	0.0
14	-11.3	0.0	44.3	0.0	0.0	0.0
15	-11.3	0.0	44.3	0.0	0.0	0.0
16	-14.6	0.0	57.7	0.0	0.0	0.0
17	-14.6	0.0	57.7	0.0	0.0	0.0
18	-14.6	0.0	57.7	0.0	0.0	0.0
19	-14.6	0.0	57.7	0.0	0.0	0.0
20	-14.6	0.0	57.7	0.0	0.0	0.0
21	-18.0	0.0	71.2	0.0	0.0	0.0
22	-18.0	0.0	71.2	0.0	0.0	0.0
23	-18.0	0.0	71.2	0.0	0.0	0.0
24	-18.0	0.0	71.2	0.0	0.0	0.0
25	-18.0	0.0	71.2	0.0	0.0	0.0
26	-6.7	0.0	-25.9	0.0	0.0	0.0
27	-6.7	0.0	-25.9	0.0	0.0	0.0
28	-6.7	0.0	-25.9	0.0	0.0	0.0
29	-6.7	0.0	-25.9	0.0	0.0	0.0
30	-6.7	0.0	-25.9	0.0	0.0	0.0
31	0.0	0.0	1.1	0.0	0.0	0.0
32	0.0	0.0	1.1	0.0	0.0	0.0
33	0.0	0.0	1.1	0.0	0.0	0.0
34	0.0	0.0	1.1	0.0	0.0	0.0
35	0.0	0.0	1.1	0.0	0.0	0.0
36	6.8	0.0	28.0	0.0	0.0	0.0
37	6.8	0.0	28.0	0.0	0.0	0.0
38	6.8	0.0	28.0	0.0	0.0	0.0
39	6.8	0.0	28.0	0.0	0.0	0.0
40	6.8	0.0	28.0	0.0	0.0	0.0
41	10.1	0.0	41.5	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

42	10.1	0.0	41.5	0.0	0.0	0.0
43	10.1	0.0	41.5	0.0	0.0	0.0
44	10.1	0.0	41.5	0.0	0.0	0.0
45	10.1	0.0	41.5	0.0	0.0	0.0
46	13.5	0.0	54.9	0.0	0.0	0.0
47	13.5	0.0	54.9	0.0	0.0	0.0
48	13.5	0.0	54.9	0.0	0.0	0.0
49	13.5	0.0	54.9	0.0	0.0	0.0
50	13.5	0.0	54.9	0.0	0.0	0.0
51	16.9	0.0	68.4	0.0	0.0	0.0
52	16.9	0.0	68.4	0.0	0.0	0.0
53	16.9	0.0	68.4	0.0	0.0	0.0
54	16.9	0.0	68.4	0.0	0.0	0.0
55	16.9	0.0	68.4	0.0	0.0	0.0
56	20.2	0.0	81.9	0.0	0.0	0.0
57	20.2	0.0	81.9	0.0	0.0	0.0
58	20.2	0.0	81.9	0.0	0.0	0.0
59	20.2	0.0	81.9	0.0	0.0	0.0
60	20.2	0.0	81.9	0.0	0.0	0.0
61	-4.6	0.0	17.3	0.0	0.0	0.0
62	-4.6	0.0	17.3	0.0	0.0	0.0
63	-4.6	0.0	17.3	0.0	0.0	0.0
64	-4.6	0.0	17.3	0.0	0.0	0.0
65	-4.6	0.0	17.3	0.0	0.0	0.0
66	-7.9	0.0	30.8	0.0	0.0	0.0
67	-7.9	0.0	30.8	0.0	0.0	0.0
68	-7.9	0.0	30.8	0.0	0.0	0.0
69	-7.9	0.0	30.8	0.0	0.0	0.0
70	-7.9	0.0	30.8	0.0	0.0	0.0
71	-11.3	0.0	44.3	0.0	0.0	0.0
72	-11.3	0.0	44.3	0.0	0.0	0.0
73	-11.3	0.0	44.3	0.0	0.0	0.0
74	-11.3	0.0	44.3	0.0	0.0	0.0
75	-11.3	0.0	44.3	0.0	0.0	0.0
76	-14.6	0.0	57.7	0.0	0.0	0.0
77	-14.6	0.0	57.7	0.0	0.0	0.0
78	-14.6	0.0	57.7	0.0	0.0	0.0
79	-14.6	0.0	57.7	0.0	0.0	0.0
80	-14.6	0.0	57.7	0.0	0.0	0.0
81	-18.0	0.0	71.2	0.0	0.0	0.0
82	-18.0	0.0	71.2	0.0	0.0	0.0
83	-18.0	0.0	71.2	0.0	0.0	0.0
84	-18.0	0.0	71.2	0.0	0.0	0.0
85	-18.0	0.0	71.2	0.0	0.0	0.0
86	-6.7	0.0	-25.9	0.0	0.0	0.0
87	-6.7	0.0	-25.9	0.0	0.0	0.0
88	-6.7	0.0	-25.9	0.0	0.0	0.0
89	-6.7	0.0	-25.9	0.0	0.0	0.0



EAST REV1 CRL TMPCPGA.OUT.txt

90	-6.7	0.0	-25.9	0.0	0.0	0.0
91	0.0	0.0	1.1	0.0	0.0	0.0
92	0.0	0.0	1.1	0.0	0.0	0.0
93	0.0	0.0	1.1	0.0	0.0	0.0
94	0.0	0.0	1.1	0.0	0.0	0.0
95	0.0	0.0	1.1	0.0	0.0	0.0
96	6.8	0.0	28.0	0.0	0.0	0.0
97	6.8	0.0	28.0	0.0	0.0	0.0
98	6.8	0.0	28.0	0.0	0.0	0.0
99	6.8	0.0	28.0	0.0	0.0	0.0
100	6.8	0.0	28.0	0.0	0.0	0.0
101	10.1	0.0	41.5	0.0	0.0	0.0
102	10.1	0.0	41.5	0.0	0.0	0.0
103	10.1	0.0	41.5	0.0	0.0	0.0
104	10.1	0.0	41.5	0.0	0.0	0.0
105	10.1	0.0	41.5	0.0	0.0	0.0
106	13.5	0.0	54.9	0.0	0.0	0.0
107	13.5	0.0	54.9	0.0	0.0	0.0
108	13.5	0.0	54.9	0.0	0.0	0.0
109	13.5	0.0	54.9	0.0	0.0	0.0
110	13.5	0.0	54.9	0.0	0.0	0.0
111	16.9	0.0	68.4	0.0	0.0	0.0
112	16.9	0.0	68.4	0.0	0.0	0.0
113	16.9	0.0	68.4	0.0	0.0	0.0
114	16.9	0.0	68.4	0.0	0.0	0.0
115	16.9	0.0	68.4	0.0	0.0	0.0
116	20.2	0.0	81.9	0.0	0.0	0.0
117	20.2	0.0	81.9	0.0	0.0	0.0
118	20.2	0.0	81.9	0.0	0.0	0.0
119	20.2	0.0	81.9	0.0	0.0	0.0
120	20.2	0.0	81.9	0.0	0.0	0.0
121	-4.6	0.0	17.3	0.0	0.0	0.0
122	-4.6	0.0	17.3	0.0	0.0	0.0
123	-4.6	0.0	17.3	0.0	0.0	0.0
124	-4.6	0.0	17.3	0.0	0.0	0.0
125	-4.6	0.0	17.3	0.0	0.0	0.0
126	-4.6	0.0	17.3	0.0	0.0	0.0
127	-4.6	0.0	17.3	0.0	0.0	0.0
128	-11.3	0.0	44.3	0.0	0.0	0.0
129	-11.3	0.0	44.3	0.0	0.0	0.0
130	-11.3	0.0	44.3	0.0	0.0	0.0
131	-11.3	0.0	44.3	0.0	0.0	0.0
132	-11.3	0.0	44.3	0.0	0.0	0.0
133	-11.3	0.0	44.3	0.0	0.0	0.0
134	-11.3	0.0	44.3	0.0	0.0	0.0
135	-18.0	0.0	71.2	0.0	0.0	0.0
136	-18.0	0.0	71.2	0.0	0.0	0.0
137	-18.0	0.0	71.2	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

138	-18.0	0.0	71.2	0.0	0.0	0.0
139	-18.0	0.0	71.2	0.0	0.0	0.0
140	-18.0	0.0	71.2	0.0	0.0	0.0
141	-18.0	0.0	71.2	0.0	0.0	0.0
142	-6.7	0.0	-25.9	0.0	0.0	0.0
143	-6.7	0.0	-25.9	0.0	0.0	0.0
144	-6.7	0.0	-25.9	0.0	0.0	0.0
145	-6.7	0.0	-25.9	0.0	0.0	0.0
146	-6.7	0.0	-25.9	0.0	0.0	0.0
147	-6.7	0.0	-25.9	0.0	0.0	0.0
148	-6.7	0.0	-25.9	0.0	0.0	0.0
149	0.0	0.0	1.1	0.0	0.0	0.0
150	0.0	0.0	1.1	0.0	0.0	0.0
151	0.0	0.0	1.1	0.0	0.0	0.0
152	0.0	0.0	1.1	0.0	0.0	0.0
153	0.0	0.0	1.1	0.0	0.0	0.0
154	0.0	0.0	1.1	0.0	0.0	0.0
155	0.0	0.0	1.1	0.0	0.0	0.0
156	6.8	0.0	28.0	0.0	0.0	0.0
157	6.8	0.0	28.0	0.0	0.0	0.0
158	6.8	0.0	28.0	0.0	0.0	0.0
159	6.8	0.0	28.0	0.0	0.0	0.0
160	6.8	0.0	28.0	0.0	0.0	0.0
161	6.8	0.0	28.0	0.0	0.0	0.0
162	6.8	0.0	28.0	0.0	0.0	0.0
163	13.5	0.0	54.9	0.0	0.0	0.0
164	13.5	0.0	54.9	0.0	0.0	0.0
165	13.5	0.0	54.9	0.0	0.0	0.0
166	13.5	0.0	54.9	0.0	0.0	0.0
167	13.5	0.0	54.9	0.0	0.0	0.0
168	13.5	0.0	54.9	0.0	0.0	0.0
169	13.5	0.0	54.9	0.0	0.0	0.0
170	20.2	0.0	81.9	0.0	0.0	0.0
171	20.2	0.0	81.9	0.0	0.0	0.0
172	20.2	0.0	81.9	0.0	0.0	0.0
173	20.2	0.0	81.9	0.0	0.0	0.0
174	20.2	0.0	81.9	0.0	0.0	0.0
175	20.2	0.0	81.9	0.0	0.0	0.0
176	20.2	0.0	81.9	0.0	0.0	0.0
177	-7.9	0.0	30.8	0.0	0.0	0.0
178	-11.1	0.0	43.6	0.0	0.0	0.0
179	-14.5	0.0	57.0	0.0	0.0	0.0
180	-17.8	0.0	70.5	0.0	0.0	0.0
181	-6.9	0.0	-26.6	0.0	0.0	0.0
182	-0.1	0.0	0.3	0.0	0.0	0.0
183	6.6	0.0	27.3	0.0	0.0	0.0
184	10.0	0.0	40.8	0.0	0.0	0.0
185	13.3	0.0	54.2	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt

186	16.7	0.0	67.7	0.0	0.0	0.0
187	-11.1	0.0	43.6	0.0	0.0	0.0
188	-14.5	0.0	57.0	0.0	0.0	0.0
189	-17.8	0.0	70.5	0.0	0.0	0.0
190	-6.9	0.0	-26.6	0.0	0.0	0.0
191	-0.1	0.0	0.3	0.0	0.0	0.0
192	6.6	0.0	27.3	0.0	0.0	0.0
193	10.0	0.0	40.8	0.0	0.0	0.0
194	13.3	0.0	54.2	0.0	0.0	0.0
195	16.7	0.0	67.7	0.0	0.0	0.0
196	-7.9	0.0	30.8	0.0	0.0	0.0
197	-11.1	0.0	43.6	0.0	0.0	0.0
198	-14.5	0.0	57.0	0.0	0.0	0.0
199	-17.8	0.0	70.5	0.0	0.0	0.0
200	-6.9	0.0	-26.6	0.0	0.0	0.0
201	-0.1	0.0	0.3	0.0	0.0	0.0
202	6.6	0.0	27.3	0.0	0.0	0.0
203	10.0	0.0	40.8	0.0	0.0	0.0
204	13.3	0.0	54.2	0.0	0.0	0.0
205	16.7	0.0	67.7	0.0	0.0	0.0
206	-11.1	0.0	43.6	0.0	0.0	0.0
207	-14.5	0.0	57.0	0.0	0.0	0.0
208	-17.8	0.0	70.5	0.0	0.0	0.0
209	-6.9	0.0	-26.6	0.0	0.0	0.0
210	-0.1	0.0	0.3	0.0	0.0	0.0
211	6.6	0.0	27.3	0.0	0.0	0.0
212	10.0	0.0	40.8	0.0	0.0	0.0
213	13.3	0.0	54.2	0.0	0.0	0.0
214	16.7	0.0	67.7	0.0	0.0	0.0
215	-14.6	0.0	57.7	0.0	0.0	0.0
216	-18.0	0.0	71.2	0.0	0.0	0.0
217	-18.0	0.0	71.2	0.0	0.0	0.0
218	13.5	0.0	54.9	0.0	0.0	0.0
219	-6.7	0.0	-25.9	0.0	0.0	0.0
220	0.0	0.0	1.1	0.0	0.0	0.0
221	6.8	0.0	28.0	0.0	0.0	0.0
222	10.1	0.0	41.5	0.0	0.0	0.0
223	-6.7	0.0	-25.9	0.0	0.0	0.0
224	0.0	0.0	1.1	0.0	0.0	0.0
225	6.8	0.0	28.0	0.0	0.0	0.0
226	10.1	0.0	41.5	0.0	0.0	0.0
227	-6.7	0.0	-25.9	0.0	0.0	0.0
228	0.0	0.0	1.1	0.0	0.0	0.0
229	6.8	0.0	28.0	0.0	0.0	0.0
230	10.1	0.0	41.5	0.0	0.0	0.0
231	-14.6	0.0	57.7	0.0	0.0	0.0
232	-18.0	0.0	71.2	0.0	0.0	0.0
233	-18.0	0.0	71.2	0.0	0.0	0.0

EAST REV1 CRL TMPCPGA.OUT.txt						
234	13.5	0.0	54.9	0.0	0.0	0.0
235	-6.7	0.0	-25.9	0.0	0.0	0.0
236	0.0	0.0	1.1	0.0	0.0	0.0
237	6.8	0.0	28.0	0.0	0.0	0.0
238	10.1	0.0	41.5	0.0	0.0	0.0
239	-6.7	0.0	-25.9	0.0	0.0	0.0
240	0.0	0.0	1.1	0.0	0.0	0.0
241	6.8	0.0	28.0	0.0	0.0	0.0
242	10.1	0.0	41.5	0.0	0.0	0.0
243	-6.7	0.0	-25.9	0.0	0.0	0.0
244	0.0	0.0	1.1	0.0	0.0	0.0
245	6.8	0.0	28.0	0.0	0.0	0.0
246	10.1	0.0	41.5	0.0	0.0	0.0

NO FILES WERE GENERATED DURING THIS RUN.

WEST Colorado River REV1.in

100 GIWW WEST 125 SECTOR GATE W/ 30X5/8 PIPE PILES  
120 PROP 29000 2549 2549 452 2.0 0 ALL  
130 SOIL ES 0.20 LEN 98 0 ALL  
135 PIN ALL  
140 ALLOW R 395 330 1297.75 1297.75 10373.37 10373.37 ALL  
141 FOVSTR 1.33 1.33 2 4 6 7  
142 FOVSTR 1.16 1.16 1 8  
150 BATTER 4 ALL  
160 ANGLE 180 1 TO 25 61 TO 85 121 TO 141 177 TO 180 187 TO 189 215 TO 217  
170 ANGLE 180 196 TO 199 206 TO 208 231 TO 233  
180 ANGLE 0 26 TO 60 86 TO 120 142 TO 176 181 TO 186 190 TO 195  
190 ANGLE 0 200 TO 205 209 TO 214 218 TO 230 234 TO 246  
200 PILE 1 3.70833 -92.5 0  
210 ROW Y 5 1 4 at 10  
220 REPEAT 12 4 at 7.875 3 at 15.75 4 at 7.875  
230 PILE 61 3.70833 92.5 0  
240 ROW Y 5 61 4 at -10  
250 REPEAT 12 4 at 7.875 3 at 15.75 4 at 7.875  
260 PILE 121 3.708333 -39.375 0  
270 ROW Y 7 121 6 AT 13.125  
280 REPEAT 8 7 AT 15.75  
290 PILE 177 11.583 -104.5 0  
300 PILE 178 19.0458 -104.5 0  
310 ROW X 9 178 2 AT 7.875 3 AT 15.75 3 AT 7.875  
320 REPEAT 2 1 AT -12  
330 PILE 196 11.583 104.5 0  
340 PILE 197 19.0458 104.5 0  
350 ROW X 9 197 2 AT 7.875 3 AT 15.75 3 AT 7.875  
360 REPEAT 2 1 AT 12  
370 PILE 215 27.333 -128.5 0  
380 PILE 216 35.208 -128.5 0  
390 PILE 217 35.208 -140.5 0  
400 PILE 218 98.208 -128.5 0  
410 PILE 219 50.958 -128.5 0  
420 ROW X 4 219 2 AT 15.75 1 AT 7.875  
440 REPEAT 3 2 AT -12  
450 PILE 231 27.333 128.5 0  
460 PILE 232 35.208 128.5 0  
470 PILE 233 35.208 140.5 0  
480 PILE 234 98.208 128.5 0  
490 PILE 235 50.958 128.5 0  
500 ROW X 4 235 2 AT 15.75 1 AT 7.875  
510 REPEAT 3 2 AT 12  
520 LOAD 1 0 0 65640 0 -3940000 0  
530 LOAD 2 -652 0 65640 0 -3926000 0  
540 LOAD 3 4650 0 39530 0 -2538000 0  
550 LOAD 4 4774 0 39530 0 -2542000 0  
560 LOAD 5 -1540 0 42380 0 -2498000 0

WEST Colorado River REV1.in

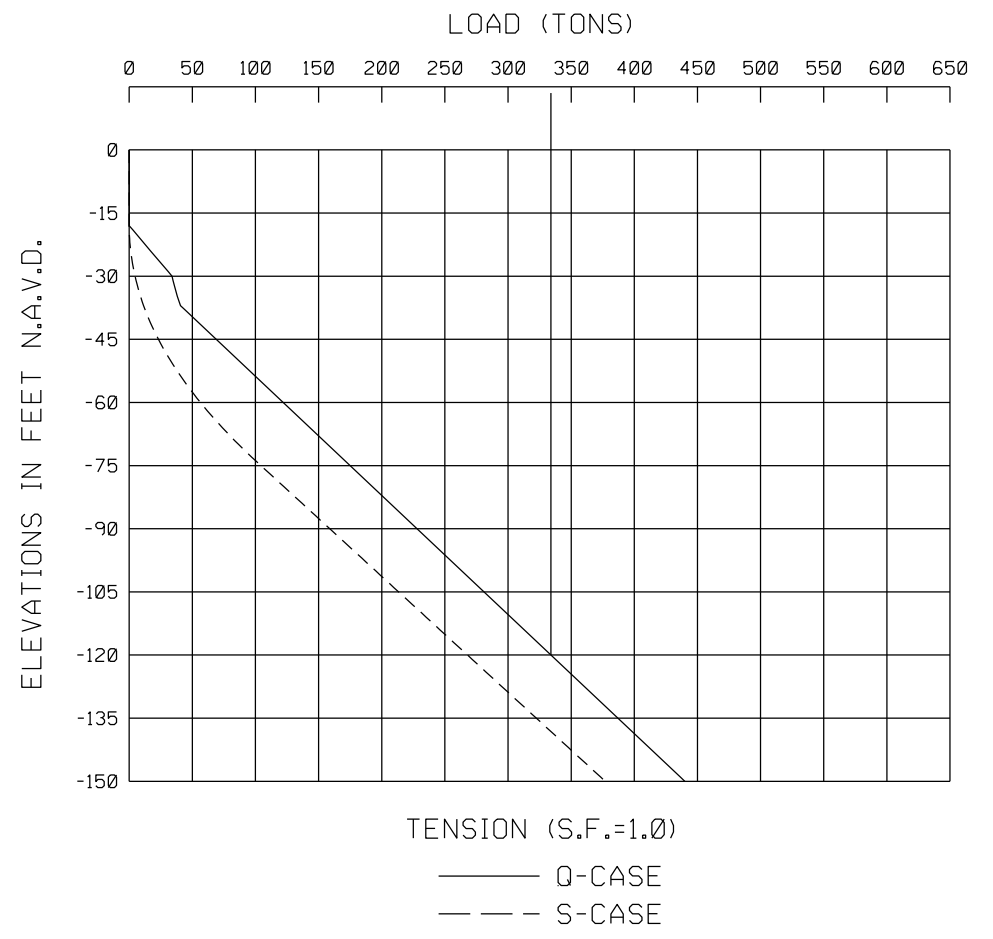
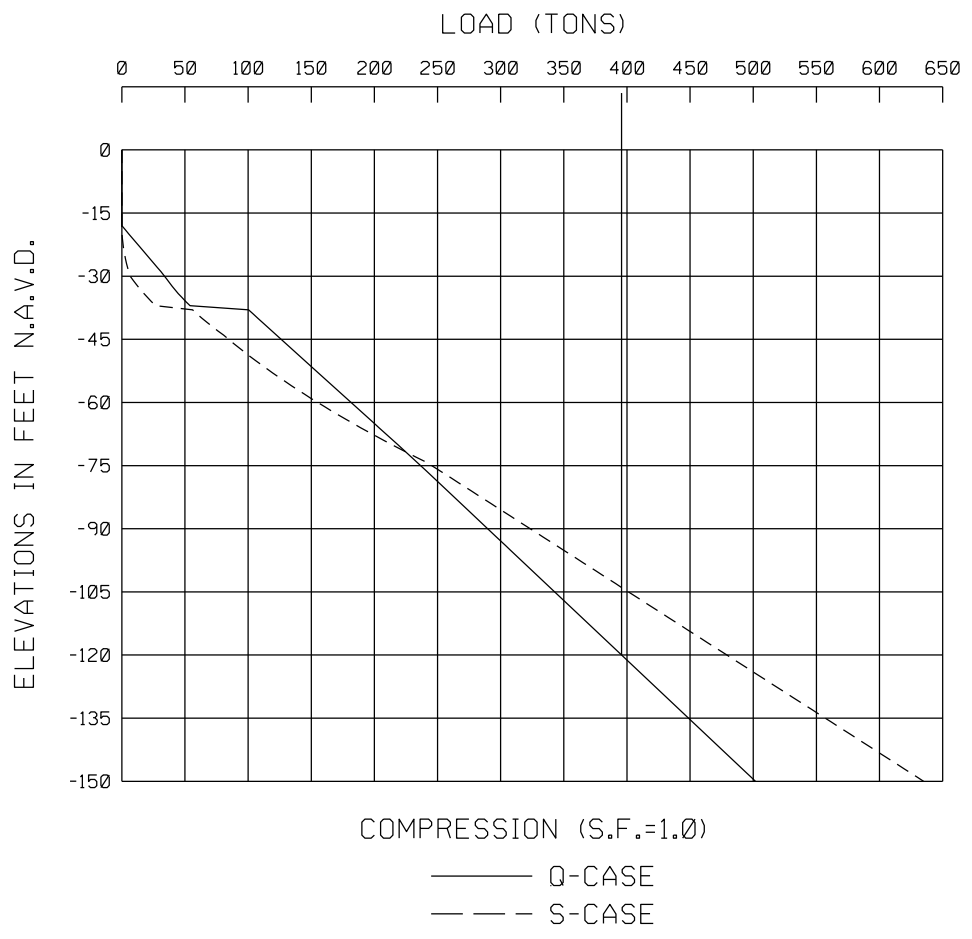
570 LOAD 6 -1758 0 42380 0 -2491000 0

580 LOAD 7 6975 0 38760 0 -2570000 0

590 LOAD 8 0 0 8799 0 -597000 0

640 FOUT 1 2 3 4 5 6 7 CRLWEST.OUT

650 PFO ALL



es of soil and pile

WEST REV1 CRL TMPCPGA.OUT.txt  
CPGA - CASE PILE GROUP ANALYSIS PROGRAM  
RUN DATE: 28-SEP-18 RUN TIME: 08:28:44

FOR PILES WITH UNSUPPORTED HEIGHT:

- A. CPGA CANNOT CALCULATE PMAXMOM FOR NH TYPE SOIL
- B. THE ALLOWABLE STRESS CHECKS, ASC AND AST, ARE NOT FULLY DEVELOPED FOR UNSUPPORTED PILES.  
WORK IS IN PROGRESS TO COMPLETE THIS ASPECT OF CPGA.

ELASTIC CENTER LOCATION IS NOT COMPUTED FOR 3-DIMENSIONAL PROBLEMS.

GIWW WEST 125 SECTOR GATE W/ 30X5/8 PIPE PILES  
DATA UNKNOWN - REJECTED.

THERE ARE 246 PILES AND  
8 LOAD CASES IN THIS RUN.

ALL PILE COORDINATES ARE CONTAINED WITHIN A BOX

	X	Y	Z
	-----	-----	-----
WITH DIAGONAL COORDINATES = (	3.71 ,	-152.50 ,	0.00 )
	( 113.96 ,	152.50 ,	0.00 )

\*\*\*\*\*

PILE PROPERTIES AS INPUT

E	I1	I2	A	C33	B66
KSI	IN**4	IN**4	IN**2		
0.29000E+05	0.25490E+04	0.25490E+04	0.45200E+03	0.20000E+01	0.00000E+00

THESE PILE PROPERTIES APPLY TO THE FOLLOWING PILES -

ALL

\*\*\*\*\*

SOIL DESCRIPTIONS AS INPUT



ES        ESOIL        LENGTH        L        LU  
           K/IN\*\*2                    FT        FT  
           0.20000E+00    L        0.98000E+02    0.00000E+00

ESOIL(ORIGINAL)    RGROUP    RCYCLIC  
           K/IN\*\*2                     
           0.20000E+00    0.1000E+01 0.1000E+01

THIS SOIL DESCRIPTION APPLIES TO THE FOLLOWING PILES -

ALL

\*\*\*\*\*

PILE STIFFNESSES AS CALCULATED FROM PROPERTIES

0.19609E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
0.00000E+00	0.19609E+02	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
0.00000E+00	0.00000E+00	0.22293E+05	0.00000E+00	0.00000E+00	0.00000E+00
0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00
0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00	0.00000E+00

THIS MATRIX APPLIES TO THE FOLLOWING PILES -

1

\*\*\*\*\*

PILE GEOMETRY AS INPUT AND/OR GENERATED

NUM	X FT	Y FT	Z FT	BATTER	ANGLE	LENGTH FT	FIXITY
1	3.71	-92.50	0.00	4.00	180.00	98.00	P
2	3.71	-82.50	0.00	4.00	180.00	98.00	P
3	3.71	-72.50	0.00	4.00	180.00	98.00	P
4	3.71	-62.50	0.00	4.00	180.00	98.00	P
5	3.71	-52.50	0.00	4.00	180.00	98.00	P
6	11.58	-92.50	0.00	4.00	180.00	98.00	P
7	11.58	-82.50	0.00	4.00	180.00	98.00	P
8	11.58	-72.50	0.00	4.00	180.00	98.00	P
9	11.58	-62.50	0.00	4.00	180.00	98.00	P
10	11.58	-52.50	0.00	4.00	180.00	98.00	P

WEST REV1 CRL TMPCPGA.OUT.txt

11	19.46	-92.50	0.00	4.00	180.00	98.00	P
12	19.46	-82.50	0.00	4.00	180.00	98.00	P
13	19.46	-72.50	0.00	4.00	180.00	98.00	P
14	19.46	-62.50	0.00	4.00	180.00	98.00	P
15	19.46	-52.50	0.00	4.00	180.00	98.00	P
16	27.33	-92.50	0.00	4.00	180.00	98.00	P
17	27.33	-82.50	0.00	4.00	180.00	98.00	P
18	27.33	-72.50	0.00	4.00	180.00	98.00	P
19	27.33	-62.50	0.00	4.00	180.00	98.00	P
20	27.33	-52.50	0.00	4.00	180.00	98.00	P
21	35.21	-92.50	0.00	4.00	180.00	98.00	P
22	35.21	-82.50	0.00	4.00	180.00	98.00	P
23	35.21	-72.50	0.00	4.00	180.00	98.00	P
24	35.21	-62.50	0.00	4.00	180.00	98.00	P
25	35.21	-52.50	0.00	4.00	180.00	98.00	P
26	50.96	-92.50	0.00	4.00	0.00	98.00	P
27	50.96	-82.50	0.00	4.00	0.00	98.00	P
28	50.96	-72.50	0.00	4.00	0.00	98.00	P
29	50.96	-62.50	0.00	4.00	0.00	98.00	P
30	50.96	-52.50	0.00	4.00	0.00	98.00	P
31	66.71	-92.50	0.00	4.00	0.00	98.00	P
32	66.71	-82.50	0.00	4.00	0.00	98.00	P
33	66.71	-72.50	0.00	4.00	0.00	98.00	P
34	66.71	-62.50	0.00	4.00	0.00	98.00	P
35	66.71	-52.50	0.00	4.00	0.00	98.00	P
36	82.46	-92.50	0.00	4.00	0.00	98.00	P
37	82.46	-82.50	0.00	4.00	0.00	98.00	P
38	82.46	-72.50	0.00	4.00	0.00	98.00	P
39	82.46	-62.50	0.00	4.00	0.00	98.00	P
40	82.46	-52.50	0.00	4.00	0.00	98.00	P
41	90.33	-92.50	0.00	4.00	0.00	98.00	P
42	90.33	-82.50	0.00	4.00	0.00	98.00	P
43	90.33	-72.50	0.00	4.00	0.00	98.00	P
44	90.33	-62.50	0.00	4.00	0.00	98.00	P
45	90.33	-52.50	0.00	4.00	0.00	98.00	P
46	98.21	-92.50	0.00	4.00	0.00	98.00	P
47	98.21	-82.50	0.00	4.00	0.00	98.00	P
48	98.21	-72.50	0.00	4.00	0.00	98.00	P
49	98.21	-62.50	0.00	4.00	0.00	98.00	P
50	98.21	-52.50	0.00	4.00	0.00	98.00	P
51	106.08	-92.50	0.00	4.00	0.00	98.00	P
52	106.08	-82.50	0.00	4.00	0.00	98.00	P
53	106.08	-72.50	0.00	4.00	0.00	98.00	P
54	106.08	-62.50	0.00	4.00	0.00	98.00	P
55	106.08	-52.50	0.00	4.00	0.00	98.00	P
56	113.96	-92.50	0.00	4.00	0.00	98.00	P
57	113.96	-82.50	0.00	4.00	0.00	98.00	P
58	113.96	-72.50	0.00	4.00	0.00	98.00	P

WEST REV1 CRL TMPCPGA.OUT.txt

59	113.96	-62.50	0.00	4.00	0.00	98.00	P
60	113.96	-52.50	0.00	4.00	0.00	98.00	P
61	3.71	92.50	0.00	4.00	180.00	98.00	P
62	3.71	82.50	0.00	4.00	180.00	98.00	P
63	3.71	72.50	0.00	4.00	180.00	98.00	P
64	3.71	62.50	0.00	4.00	180.00	98.00	P
65	3.71	52.50	0.00	4.00	180.00	98.00	P
66	11.58	92.50	0.00	4.00	180.00	98.00	P
67	11.58	82.50	0.00	4.00	180.00	98.00	P
68	11.58	72.50	0.00	4.00	180.00	98.00	P
69	11.58	62.50	0.00	4.00	180.00	98.00	P
70	11.58	52.50	0.00	4.00	180.00	98.00	P
71	19.46	92.50	0.00	4.00	180.00	98.00	P
72	19.46	82.50	0.00	4.00	180.00	98.00	P
73	19.46	72.50	0.00	4.00	180.00	98.00	P
74	19.46	62.50	0.00	4.00	180.00	98.00	P
75	19.46	52.50	0.00	4.00	180.00	98.00	P
76	27.33	92.50	0.00	4.00	180.00	98.00	P
77	27.33	82.50	0.00	4.00	180.00	98.00	P
78	27.33	72.50	0.00	4.00	180.00	98.00	P
79	27.33	62.50	0.00	4.00	180.00	98.00	P
80	27.33	52.50	0.00	4.00	180.00	98.00	P
81	35.21	92.50	0.00	4.00	180.00	98.00	P
82	35.21	82.50	0.00	4.00	180.00	98.00	P
83	35.21	72.50	0.00	4.00	180.00	98.00	P
84	35.21	62.50	0.00	4.00	180.00	98.00	P
85	35.21	52.50	0.00	4.00	180.00	98.00	P
86	50.96	92.50	0.00	4.00	0.00	98.00	P
87	50.96	82.50	0.00	4.00	0.00	98.00	P
88	50.96	72.50	0.00	4.00	0.00	98.00	P
89	50.96	62.50	0.00	4.00	0.00	98.00	P
90	50.96	52.50	0.00	4.00	0.00	98.00	P
91	66.71	92.50	0.00	4.00	0.00	98.00	P
92	66.71	82.50	0.00	4.00	0.00	98.00	P
93	66.71	72.50	0.00	4.00	0.00	98.00	P
94	66.71	62.50	0.00	4.00	0.00	98.00	P
95	66.71	52.50	0.00	4.00	0.00	98.00	P
96	82.46	92.50	0.00	4.00	0.00	98.00	P
97	82.46	82.50	0.00	4.00	0.00	98.00	P
98	82.46	72.50	0.00	4.00	0.00	98.00	P
99	82.46	62.50	0.00	4.00	0.00	98.00	P
100	82.46	52.50	0.00	4.00	0.00	98.00	P
101	90.33	92.50	0.00	4.00	0.00	98.00	P
102	90.33	82.50	0.00	4.00	0.00	98.00	P
103	90.33	72.50	0.00	4.00	0.00	98.00	P
104	90.33	62.50	0.00	4.00	0.00	98.00	P
105	90.33	52.50	0.00	4.00	0.00	98.00	P
106	98.21	92.50	0.00	4.00	0.00	98.00	P

WEST REV1 CRL TMPCPGA.OUT.txt

107	98.21	82.50	0.00	4.00	0.00	98.00	P
108	98.21	72.50	0.00	4.00	0.00	98.00	P
109	98.21	62.50	0.00	4.00	0.00	98.00	P
110	98.21	52.50	0.00	4.00	0.00	98.00	P
111	106.08	92.50	0.00	4.00	0.00	98.00	P
112	106.08	82.50	0.00	4.00	0.00	98.00	P
113	106.08	72.50	0.00	4.00	0.00	98.00	P
114	106.08	62.50	0.00	4.00	0.00	98.00	P
115	106.08	52.50	0.00	4.00	0.00	98.00	P
116	113.96	92.50	0.00	4.00	0.00	98.00	P
117	113.96	82.50	0.00	4.00	0.00	98.00	P
118	113.96	72.50	0.00	4.00	0.00	98.00	P
119	113.96	62.50	0.00	4.00	0.00	98.00	P
120	113.96	52.50	0.00	4.00	0.00	98.00	P
121	3.71	-39.38	0.00	4.00	180.00	98.00	P
122	3.71	-26.25	0.00	4.00	180.00	98.00	P
123	3.71	-13.12	0.00	4.00	180.00	98.00	P
124	3.71	0.00	0.00	4.00	180.00	98.00	P
125	3.71	13.12	0.00	4.00	180.00	98.00	P
126	3.71	26.25	0.00	4.00	180.00	98.00	P
127	3.71	39.38	0.00	4.00	180.00	98.00	P
128	19.46	-39.38	0.00	4.00	180.00	98.00	P
129	19.46	-26.25	0.00	4.00	180.00	98.00	P
130	19.46	-13.12	0.00	4.00	180.00	98.00	P
131	19.46	0.00	0.00	4.00	180.00	98.00	P
132	19.46	13.12	0.00	4.00	180.00	98.00	P
133	19.46	26.25	0.00	4.00	180.00	98.00	P
134	19.46	39.38	0.00	4.00	180.00	98.00	P
135	35.21	-39.38	0.00	4.00	180.00	98.00	P
136	35.21	-26.25	0.00	4.00	180.00	98.00	P
137	35.21	-13.12	0.00	4.00	180.00	98.00	P
138	35.21	0.00	0.00	4.00	180.00	98.00	P
139	35.21	13.12	0.00	4.00	180.00	98.00	P
140	35.21	26.25	0.00	4.00	180.00	98.00	P
141	35.21	39.38	0.00	4.00	180.00	98.00	P
142	50.96	-39.38	0.00	4.00	0.00	98.00	P
143	50.96	-26.25	0.00	4.00	0.00	98.00	P
144	50.96	-13.12	0.00	4.00	0.00	98.00	P
145	50.96	0.00	0.00	4.00	0.00	98.00	P
146	50.96	13.12	0.00	4.00	0.00	98.00	P
147	50.96	26.25	0.00	4.00	0.00	98.00	P
148	50.96	39.38	0.00	4.00	0.00	98.00	P
149	66.71	-39.38	0.00	4.00	0.00	98.00	P
150	66.71	-26.25	0.00	4.00	0.00	98.00	P
151	66.71	-13.12	0.00	4.00	0.00	98.00	P
152	66.71	0.00	0.00	4.00	0.00	98.00	P
153	66.71	13.12	0.00	4.00	0.00	98.00	P
154	66.71	26.25	0.00	4.00	0.00	98.00	P

WEST REV1 CRL TMPCPGA.OUT.txt

155	66.71	39.38	0.00	4.00	0.00	98.00	P
156	82.46	-39.38	0.00	4.00	0.00	98.00	P
157	82.46	-26.25	0.00	4.00	0.00	98.00	P
158	82.46	-13.12	0.00	4.00	0.00	98.00	P
159	82.46	0.00	0.00	4.00	0.00	98.00	P
160	82.46	13.12	0.00	4.00	0.00	98.00	P
161	82.46	26.25	0.00	4.00	0.00	98.00	P
162	82.46	39.38	0.00	4.00	0.00	98.00	P
163	98.21	-39.38	0.00	4.00	0.00	98.00	P
164	98.21	-26.25	0.00	4.00	0.00	98.00	P
165	98.21	-13.12	0.00	4.00	0.00	98.00	P
166	98.21	0.00	0.00	4.00	0.00	98.00	P
167	98.21	13.12	0.00	4.00	0.00	98.00	P
168	98.21	26.25	0.00	4.00	0.00	98.00	P
169	98.21	39.38	0.00	4.00	0.00	98.00	P
170	113.96	-39.38	0.00	4.00	0.00	98.00	P
171	113.96	-26.25	0.00	4.00	0.00	98.00	P
172	113.96	-13.12	0.00	4.00	0.00	98.00	P
173	113.96	0.00	0.00	4.00	0.00	98.00	P
174	113.96	13.12	0.00	4.00	0.00	98.00	P
175	113.96	26.25	0.00	4.00	0.00	98.00	P
176	113.96	39.38	0.00	4.00	0.00	98.00	P
177	11.58	-104.50	0.00	4.00	180.00	98.00	P
178	19.05	-104.50	0.00	4.00	180.00	98.00	P
179	26.92	-104.50	0.00	4.00	180.00	98.00	P
180	34.80	-104.50	0.00	4.00	180.00	98.00	P
181	50.55	-104.50	0.00	4.00	0.00	98.00	P
182	66.30	-104.50	0.00	4.00	0.00	98.00	P
183	82.05	-104.50	0.00	4.00	0.00	98.00	P
184	89.92	-104.50	0.00	4.00	0.00	98.00	P
185	97.80	-104.50	0.00	4.00	0.00	98.00	P
186	105.67	-104.50	0.00	4.00	0.00	98.00	P
187	19.05	-116.50	0.00	4.00	180.00	98.00	P
188	26.92	-116.50	0.00	4.00	180.00	98.00	P
189	34.80	-116.50	0.00	4.00	180.00	98.00	P
190	50.55	-116.50	0.00	4.00	0.00	98.00	P
191	66.30	-116.50	0.00	4.00	0.00	98.00	P
192	82.05	-116.50	0.00	4.00	0.00	98.00	P
193	89.92	-116.50	0.00	4.00	0.00	98.00	P
194	97.80	-116.50	0.00	4.00	0.00	98.00	P
195	105.67	-116.50	0.00	4.00	0.00	98.00	P
196	11.58	104.50	0.00	4.00	180.00	98.00	P
197	19.05	104.50	0.00	4.00	180.00	98.00	P
198	26.92	104.50	0.00	4.00	180.00	98.00	P
199	34.80	104.50	0.00	4.00	180.00	98.00	P
200	50.55	104.50	0.00	4.00	0.00	98.00	P
201	66.30	104.50	0.00	4.00	0.00	98.00	P
202	82.05	104.50	0.00	4.00	0.00	98.00	P

WEST REV1 CRL TMPCPGA.OUT.txt

203	89.92	104.50	0.00	4.00	0.00	98.00	P
204	97.80	104.50	0.00	4.00	0.00	98.00	P
205	105.67	104.50	0.00	4.00	0.00	98.00	P
206	19.05	116.50	0.00	4.00	180.00	98.00	P
207	26.92	116.50	0.00	4.00	180.00	98.00	P
208	34.80	116.50	0.00	4.00	180.00	98.00	P
209	50.55	116.50	0.00	4.00	0.00	98.00	P
210	66.30	116.50	0.00	4.00	0.00	98.00	P
211	82.05	116.50	0.00	4.00	0.00	98.00	P
212	89.92	116.50	0.00	4.00	0.00	98.00	P
213	97.80	116.50	0.00	4.00	0.00	98.00	P
214	105.67	116.50	0.00	4.00	0.00	98.00	P
215	27.33	-128.50	0.00	4.00	180.00	98.00	P
216	35.21	-128.50	0.00	4.00	180.00	98.00	P
217	35.21	-140.50	0.00	4.00	180.00	98.00	P
218	98.21	-128.50	0.00	4.00	0.00	98.00	P
219	50.96	-128.50	0.00	4.00	0.00	98.00	P
220	66.71	-128.50	0.00	4.00	0.00	98.00	P
221	82.46	-128.50	0.00	4.00	0.00	98.00	P
222	90.33	-128.50	0.00	4.00	0.00	98.00	P
223	50.96	-140.50	0.00	4.00	0.00	98.00	P
224	66.71	-140.50	0.00	4.00	0.00	98.00	P
225	82.46	-140.50	0.00	4.00	0.00	98.00	P
226	90.33	-140.50	0.00	4.00	0.00	98.00	P
227	50.96	-152.50	0.00	4.00	0.00	98.00	P
228	66.71	-152.50	0.00	4.00	0.00	98.00	P
229	82.46	-152.50	0.00	4.00	0.00	98.00	P
230	90.33	-152.50	0.00	4.00	0.00	98.00	P
231	27.33	128.50	0.00	4.00	180.00	98.00	P
232	35.21	128.50	0.00	4.00	180.00	98.00	P
233	35.21	140.50	0.00	4.00	180.00	98.00	P
234	98.21	128.50	0.00	4.00	0.00	98.00	P
235	50.96	128.50	0.00	4.00	0.00	98.00	P
236	66.71	128.50	0.00	4.00	0.00	98.00	P
237	82.46	128.50	0.00	4.00	0.00	98.00	P
238	90.33	128.50	0.00	4.00	0.00	98.00	P
239	50.96	140.50	0.00	4.00	0.00	98.00	P
240	66.71	140.50	0.00	4.00	0.00	98.00	P
241	82.46	140.50	0.00	4.00	0.00	98.00	P
242	90.33	140.50	0.00	4.00	0.00	98.00	P
243	50.96	152.50	0.00	4.00	0.00	98.00	P
244	66.71	152.50	0.00	4.00	0.00	98.00	P
245	82.46	152.50	0.00	4.00	0.00	98.00	P
246	90.33	152.50	0.00	4.00	0.00	98.00	P

-----  
24108.00

WEST REV1 CRL TMPCPGA.OUT.txt

\*\*\*\*\*

APPLIED LOADS

LOAD CASE	PX K	PY K	PZ K	MX FT-K	MY FT-K	MZ FT-K	OVERSTRESS COM	TEN
1	0.0	0.0	65640.0	0.0	-3940000.0	0.0	1.16	1.16
2	-652.0	0.0	65640.0	0.0	-3926000.0	0.0	1.33	1.33
3	4650.0	0.0	39530.0	0.0	-2538000.0	0.0		
4	4774.0	0.0	39530.0	0.0	-2542000.0	0.0	1.33	1.33
5	-1540.0	0.0	42380.0	0.0	-2498000.0	0.0		
6	-1758.0	0.0	42380.0	0.0	-2491000.0	0.0	1.33	1.33
7	6975.0	0.0	38760.0	0.0	-2570000.0	0.0	1.33	1.33
8	0.0	0.0	8799.0	0.0	-597000.0	0.0	1.16	1.16

\*\*\*\*\*

ORIGINAL PILE GROUP STIFFNESS MATRIX

0.32713E+06	-0.29015E-02	0.33540E+06	-0.26077E-07	-0.68914E+09	-0.73586E+00
-0.29015E-02	0.48237E+04	0.11606E-01	0.55511E-15	-0.29434E+01	0.34836E+07
0.33540E+06	0.11606E-01	0.51617E+07	-0.31292E-06	-0.37276E+10	0.29434E+01
-0.26077E-07	0.00000E+00	-0.31292E-06	0.53500E+13	-0.40436E-03	-0.48860E+12
-0.68914E+09	-0.29434E+01	-0.37276E+10	-0.39673E-03	0.35896E+13	-0.96364E+03
-0.73586E+00	0.34836E+07	0.29434E+01	-0.48860E+12	-0.96364E+03	0.34242E+12

246 PILES 8 LOAD CASES

LOAD CASE	1.	NUMBER OF FAILURES =	0.	NUMBER OF PILES IN TENSION =	0.
LOAD CASE	2.	NUMBER OF FAILURES =	0.	NUMBER OF PILES IN TENSION =	27.
LOAD CASE	3.	NUMBER OF FAILURES =	0.	NUMBER OF PILES IN TENSION =	0.
LOAD CASE	4.	NUMBER OF FAILURES =	0.	NUMBER OF PILES IN TENSION =	0.
LOAD CASE	5.	NUMBER OF FAILURES =	0.	NUMBER OF PILES IN TENSION =	27.
LOAD CASE	6.	NUMBER OF FAILURES =	0.	NUMBER OF PILES IN TENSION =	27.
LOAD CASE	7.	NUMBER OF FAILURES =	0.	NUMBER OF PILES IN TENSION =	0.
LOAD CASE	8.	NUMBER OF FAILURES =	0.	NUMBER OF PILES IN TENSION =	27.

\*\*\*\*\*

PILE CAP DISPLACEMENTS

LOAD CASE	DX IN	DY IN	DZ IN	RX RAD	RY RAD	RZ RAD
1	-0.5076E-01	-0.4094E-07	-0.2137E-02	0.2678E-13	-0.2514E-04	0.2933E-12
2	-0.5762E-01	-0.4251E-07	-0.4024E-02	0.2766E-13	-0.2837E-04	0.3028E-12
3	0.1366E-01	-0.1342E-07	0.1015E-01	0.9643E-14	0.4675E-05	0.1056E-12
4	0.1487E-01	-0.1312E-07	0.1046E-01	0.9472E-14	0.5223E-05	0.1037E-12
5	-0.4806E-01	-0.3014E-07	-0.5441E-02	0.1941E-13	-0.2323E-04	0.2125E-12
6	-0.5019E-01	-0.3067E-07	-0.6001E-02	0.1971E-13	-0.2419E-04	0.2158E-12
7	0.3669E-01	-0.7328E-08	0.1603E-01	0.6103E-14	0.1509E-04	0.6682E-13
8	-0.1177E-01	-0.5424E-08	-0.2414E-02	0.3320E-14	-0.6763E-05	0.3635E-13

\*\*\*\*\*

ELASTIC CENTER INFORMATION

ELASTIC CENTER IN PLANE X-Z	X FT	Z FT
	0.00	0.00

\*\*\*\*\*

PILE FORCES IN LOCAL GEOMETRY

M1 & M2 NOT AT PILE HEAD FOR PINNED PILES  
 \* INDICATES PILE FAILURE  
 # INDICATES CBF BASED ON MOMENTS DUE TO  
 (F3\*EMIN) FOR CONCRETE PILES  
 B INDICATES BUCKLING CONTROLS

LOAD CASE -	1							
PILE	F1 K	F2 K	F3 K	M1 IN-K	M2 IN-K	M3 IN-K	ALF	CBF
1	1.0	0.0	252.4	0.0	-61.3	0.0	0.55	0.17
2	1.0	0.0	252.4	0.0	-61.3	0.0	0.55	0.17



WEST REV1 CRL TMPCPGA.OUT.txt

3	1.0	0.0	252.4	0.0	-61.3	0.0	0.55	0.17
4	1.0	0.0	252.4	0.0	-61.3	0.0	0.55	0.17
5	1.0	0.0	252.4	0.0	-61.3	0.0	0.55	0.17
6	1.0	0.0	303.8	0.0	-60.6	0.0	0.66	0.21
7	1.0	0.0	303.8	0.0	-60.6	0.0	0.66	0.21
8	1.0	0.0	303.8	0.0	-60.6	0.0	0.66	0.21
9	1.0	0.0	303.8	0.0	-60.6	0.0	0.66	0.21
10	1.0	0.0	303.8	0.0	-60.6	0.0	0.66	0.21
11	0.9	0.0	355.2	0.0	-59.8	0.0	0.78	0.24
12	0.9	0.0	355.2	0.0	-59.8	0.0	0.78	0.24
13	0.9	0.0	355.2	0.0	-59.8	0.0	0.78	0.24
14	0.9	0.0	355.2	0.0	-59.8	0.0	0.78	0.24
15	0.9	0.0	355.2	0.0	-59.8	0.0	0.78	0.24
16	0.9	0.0	406.5	0.0	-59.1	0.0	0.89	0.27
17	0.9	0.0	406.5	0.0	-59.1	0.0	0.89	0.27
18	0.9	0.0	406.5	0.0	-59.1	0.0	0.89	0.27
19	0.9	0.0	406.5	0.0	-59.1	0.0	0.89	0.27
20	0.9	0.0	406.5	0.0	-59.1	0.0	0.89	0.27
21	0.9	0.0	457.9	0.0	-58.4	0.0	1.00	0.31
22	0.9	0.0	457.9	0.0	-58.4	0.0	1.00	0.31
23	0.9	0.0	457.9	0.0	-58.4	0.0	1.00	0.31
24	0.9	0.0	457.9	0.0	-58.4	0.0	1.00	0.31
25	0.9	0.0	457.9	0.0	-58.4	0.0	1.00	0.31
26	-1.0	0.0	11.7	0.0	64.9	0.0	0.03	0.01
27	-1.0	0.0	11.7	0.0	64.9	0.0	0.03	0.01
28	-1.0	0.0	11.7	0.0	64.9	0.0	0.03	0.01
29	-1.0	0.0	11.7	0.0	64.9	0.0	0.03	0.01
30	-1.0	0.0	11.7	0.0	64.9	0.0	0.03	0.01
31	-1.1	0.0	114.5	0.0	66.4	0.0	0.25	0.08
32	-1.1	0.0	114.5	0.0	66.4	0.0	0.25	0.08
33	-1.1	0.0	114.5	0.0	66.4	0.0	0.25	0.08
34	-1.1	0.0	114.5	0.0	66.4	0.0	0.25	0.08
35	-1.1	0.0	114.5	0.0	66.4	0.0	0.25	0.08
36	-1.1	0.0	217.2	0.0	67.8	0.0	0.47	0.15
37	-1.1	0.0	217.2	0.0	67.8	0.0	0.47	0.15
38	-1.1	0.0	217.2	0.0	67.8	0.0	0.47	0.15
39	-1.1	0.0	217.2	0.0	67.8	0.0	0.47	0.15
40	-1.1	0.0	217.2	0.0	67.8	0.0	0.47	0.15
41	-1.1	0.0	268.6	0.0	68.5	0.0	0.59	0.18
42	-1.1	0.0	268.6	0.0	68.5	0.0	0.59	0.18
43	-1.1	0.0	268.6	0.0	68.5	0.0	0.59	0.18
44	-1.1	0.0	268.6	0.0	68.5	0.0	0.59	0.18
45	-1.1	0.0	268.6	0.0	68.5	0.0	0.59	0.18
46	-1.1	0.0	320.0	0.0	69.2	0.0	0.70	0.22
47	-1.1	0.0	320.0	0.0	69.2	0.0	0.70	0.22
48	-1.1	0.0	320.0	0.0	69.2	0.0	0.70	0.22
49	-1.1	0.0	320.0	0.0	69.2	0.0	0.70	0.22
50	-1.1	0.0	320.0	0.0	69.2	0.0	0.70	0.22

WEST REV1 CRL TMPCPGA.OUT.txt

51	-1.1	0.0	371.3	0.0	69.9	0.0	0.81	0.25
52	-1.1	0.0	371.3	0.0	69.9	0.0	0.81	0.25
53	-1.1	0.0	371.3	0.0	69.9	0.0	0.81	0.25
54	-1.1	0.0	371.3	0.0	69.9	0.0	0.81	0.25
55	-1.1	0.0	371.3	0.0	69.9	0.0	0.81	0.25
56	-1.1	0.0	422.7	0.0	70.7	0.0	0.92	0.29
57	-1.1	0.0	422.7	0.0	70.7	0.0	0.92	0.29
58	-1.1	0.0	422.7	0.0	70.7	0.0	0.92	0.29
59	-1.1	0.0	422.7	0.0	70.7	0.0	0.92	0.29
60	-1.1	0.0	422.7	0.0	70.7	0.0	0.92	0.29
61	1.0	0.0	252.4	0.0	-61.3	0.0	0.55	0.17
62	1.0	0.0	252.4	0.0	-61.3	0.0	0.55	0.17
63	1.0	0.0	252.4	0.0	-61.3	0.0	0.55	0.17
64	1.0	0.0	252.4	0.0	-61.3	0.0	0.55	0.17
65	1.0	0.0	252.4	0.0	-61.3	0.0	0.55	0.17
66	1.0	0.0	303.8	0.0	-60.6	0.0	0.66	0.21
67	1.0	0.0	303.8	0.0	-60.6	0.0	0.66	0.21
68	1.0	0.0	303.8	0.0	-60.6	0.0	0.66	0.21
69	1.0	0.0	303.8	0.0	-60.6	0.0	0.66	0.21
70	1.0	0.0	303.8	0.0	-60.6	0.0	0.66	0.21
71	0.9	0.0	355.2	0.0	-59.8	0.0	0.78	0.24
72	0.9	0.0	355.2	0.0	-59.8	0.0	0.78	0.24
73	0.9	0.0	355.2	0.0	-59.8	0.0	0.78	0.24
74	0.9	0.0	355.2	0.0	-59.8	0.0	0.78	0.24
75	0.9	0.0	355.2	0.0	-59.8	0.0	0.78	0.24
76	0.9	0.0	406.5	0.0	-59.1	0.0	0.89	0.27
77	0.9	0.0	406.5	0.0	-59.1	0.0	0.89	0.27
78	0.9	0.0	406.5	0.0	-59.1	0.0	0.89	0.27
79	0.9	0.0	406.5	0.0	-59.1	0.0	0.89	0.27
80	0.9	0.0	406.5	0.0	-59.1	0.0	0.89	0.27
81	0.9	0.0	457.9	0.0	-58.4	0.0	1.00	0.31
82	0.9	0.0	457.9	0.0	-58.4	0.0	1.00	0.31
83	0.9	0.0	457.9	0.0	-58.4	0.0	1.00	0.31
84	0.9	0.0	457.9	0.0	-58.4	0.0	1.00	0.31
85	0.9	0.0	457.9	0.0	-58.4	0.0	1.00	0.31
86	-1.0	0.0	11.7	0.0	64.9	0.0	0.03	0.01
87	-1.0	0.0	11.7	0.0	64.9	0.0	0.03	0.01
88	-1.0	0.0	11.7	0.0	64.9	0.0	0.03	0.01
89	-1.0	0.0	11.7	0.0	64.9	0.0	0.03	0.01
90	-1.0	0.0	11.7	0.0	64.9	0.0	0.03	0.01
91	-1.1	0.0	114.5	0.0	66.4	0.0	0.25	0.08
92	-1.1	0.0	114.5	0.0	66.4	0.0	0.25	0.08
93	-1.1	0.0	114.5	0.0	66.4	0.0	0.25	0.08
94	-1.1	0.0	114.5	0.0	66.4	0.0	0.25	0.08
95	-1.1	0.0	114.5	0.0	66.4	0.0	0.25	0.08
96	-1.1	0.0	217.2	0.0	67.8	0.0	0.47	0.15
97	-1.1	0.0	217.2	0.0	67.8	0.0	0.47	0.15
98	-1.1	0.0	217.2	0.0	67.8	0.0	0.47	0.15

WEST REV1 CRL TMPCPGA.OUT.txt

99	-1.1	0.0	217.2	0.0	67.8	0.0	0.47	0.15
100	-1.1	0.0	217.2	0.0	67.8	0.0	0.47	0.15
101	-1.1	0.0	268.6	0.0	68.5	0.0	0.59	0.18
102	-1.1	0.0	268.6	0.0	68.5	0.0	0.59	0.18
103	-1.1	0.0	268.6	0.0	68.5	0.0	0.59	0.18
104	-1.1	0.0	268.6	0.0	68.5	0.0	0.59	0.18
105	-1.1	0.0	268.6	0.0	68.5	0.0	0.59	0.18
106	-1.1	0.0	320.0	0.0	69.2	0.0	0.70	0.22
107	-1.1	0.0	320.0	0.0	69.2	0.0	0.70	0.22
108	-1.1	0.0	320.0	0.0	69.2	0.0	0.70	0.22
109	-1.1	0.0	320.0	0.0	69.2	0.0	0.70	0.22
110	-1.1	0.0	320.0	0.0	69.2	0.0	0.70	0.22
111	-1.1	0.0	371.3	0.0	69.9	0.0	0.81	0.25
112	-1.1	0.0	371.3	0.0	69.9	0.0	0.81	0.25
113	-1.1	0.0	371.3	0.0	69.9	0.0	0.81	0.25
114	-1.1	0.0	371.3	0.0	69.9	0.0	0.81	0.25
115	-1.1	0.0	371.3	0.0	69.9	0.0	0.81	0.25
116	-1.1	0.0	422.7	0.0	70.7	0.0	0.92	0.29
117	-1.1	0.0	422.7	0.0	70.7	0.0	0.92	0.29
118	-1.1	0.0	422.7	0.0	70.7	0.0	0.92	0.29
119	-1.1	0.0	422.7	0.0	70.7	0.0	0.92	0.29
120	-1.1	0.0	422.7	0.0	70.7	0.0	0.92	0.29
121	1.0	0.0	252.4	0.0	-61.3	0.0	0.55	0.17
122	1.0	0.0	252.4	0.0	-61.3	0.0	0.55	0.17
123	1.0	0.0	252.4	0.0	-61.3	0.0	0.55	0.17
124	1.0	0.0	252.4	0.0	-61.3	0.0	0.55	0.17
125	1.0	0.0	252.4	0.0	-61.3	0.0	0.55	0.17
126	1.0	0.0	252.4	0.0	-61.3	0.0	0.55	0.17
127	1.0	0.0	252.4	0.0	-61.3	0.0	0.55	0.17
128	0.9	0.0	355.2	0.0	-59.8	0.0	0.78	0.24
129	0.9	0.0	355.2	0.0	-59.8	0.0	0.78	0.24
130	0.9	0.0	355.2	0.0	-59.8	0.0	0.78	0.24
131	0.9	0.0	355.2	0.0	-59.8	0.0	0.78	0.24
132	0.9	0.0	355.2	0.0	-59.8	0.0	0.78	0.24
133	0.9	0.0	355.2	0.0	-59.8	0.0	0.78	0.24
134	0.9	0.0	355.2	0.0	-59.8	0.0	0.78	0.24
135	0.9	0.0	457.9	0.0	-58.4	0.0	1.00	0.31
136	0.9	0.0	457.9	0.0	-58.4	0.0	1.00	0.31
137	0.9	0.0	457.9	0.0	-58.4	0.0	1.00	0.31
138	0.9	0.0	457.9	0.0	-58.4	0.0	1.00	0.31
139	0.9	0.0	457.9	0.0	-58.4	0.0	1.00	0.31
140	0.9	0.0	457.9	0.0	-58.4	0.0	1.00	0.31
141	0.9	0.0	457.9	0.0	-58.4	0.0	1.00	0.31
142	-1.0	0.0	11.7	0.0	64.9	0.0	0.03	0.01
143	-1.0	0.0	11.7	0.0	64.9	0.0	0.03	0.01
144	-1.0	0.0	11.7	0.0	64.9	0.0	0.03	0.01
145	-1.0	0.0	11.7	0.0	64.9	0.0	0.03	0.01
146	-1.0	0.0	11.7	0.0	64.9	0.0	0.03	0.01

WEST REV1 CRL TMPCPGA.OUT.txt

147	-1.0	0.0	11.7	0.0	64.9	0.0	0.03	0.01
148	-1.0	0.0	11.7	0.0	64.9	0.0	0.03	0.01
149	-1.1	0.0	114.5	0.0	66.4	0.0	0.25	0.08
150	-1.1	0.0	114.5	0.0	66.4	0.0	0.25	0.08
151	-1.1	0.0	114.5	0.0	66.4	0.0	0.25	0.08
152	-1.1	0.0	114.5	0.0	66.4	0.0	0.25	0.08
153	-1.1	0.0	114.5	0.0	66.4	0.0	0.25	0.08
154	-1.1	0.0	114.5	0.0	66.4	0.0	0.25	0.08
155	-1.1	0.0	114.5	0.0	66.4	0.0	0.25	0.08
156	-1.1	0.0	217.2	0.0	67.8	0.0	0.47	0.15
157	-1.1	0.0	217.2	0.0	67.8	0.0	0.47	0.15
158	-1.1	0.0	217.2	0.0	67.8	0.0	0.47	0.15
159	-1.1	0.0	217.2	0.0	67.8	0.0	0.47	0.15
160	-1.1	0.0	217.2	0.0	67.8	0.0	0.47	0.15
161	-1.1	0.0	217.2	0.0	67.8	0.0	0.47	0.15
162	-1.1	0.0	217.2	0.0	67.8	0.0	0.47	0.15
163	-1.1	0.0	320.0	0.0	69.2	0.0	0.70	0.22
164	-1.1	0.0	320.0	0.0	69.2	0.0	0.70	0.22
165	-1.1	0.0	320.0	0.0	69.2	0.0	0.70	0.22
166	-1.1	0.0	320.0	0.0	69.2	0.0	0.70	0.22
167	-1.1	0.0	320.0	0.0	69.2	0.0	0.70	0.22
168	-1.1	0.0	320.0	0.0	69.2	0.0	0.70	0.22
169	-1.1	0.0	320.0	0.0	69.2	0.0	0.70	0.22
170	-1.1	0.0	422.7	0.0	70.7	0.0	0.92	0.29
171	-1.1	0.0	422.7	0.0	70.7	0.0	0.92	0.29
172	-1.1	0.0	422.7	0.0	70.7	0.0	0.92	0.29
173	-1.1	0.0	422.7	0.0	70.7	0.0	0.92	0.29
174	-1.1	0.0	422.7	0.0	70.7	0.0	0.92	0.29
175	-1.1	0.0	422.7	0.0	70.7	0.0	0.92	0.29
176	-1.1	0.0	422.7	0.0	70.7	0.0	0.92	0.29
177	1.0	0.0	303.8	0.0	-60.6	0.0	0.66	0.21
178	0.9	0.0	352.5	0.0	-59.9	0.0	0.77	0.24
179	0.9	0.0	403.8	0.0	-59.2	0.0	0.88	0.27
180	0.9	0.0	455.2	0.0	-58.5	0.0	0.99	0.31
181	-1.0	0.0	9.1	0.0	64.9	0.0	0.02	0.01
182	-1.1	0.0	111.8	0.0	66.3	0.0	0.24	0.08
183	-1.1	0.0	214.5	0.0	67.8	0.0	0.47	0.15
184	-1.1	0.0	265.9	0.0	68.5	0.0	0.58	0.18
185	-1.1	0.0	317.3	0.0	69.2	0.0	0.69	0.22
186	-1.1	0.0	368.7	0.0	69.9	0.0	0.80	0.25
187	0.9	0.0	352.5	0.0	-59.9	0.0	0.77	0.24
188	0.9	0.0	403.8	0.0	-59.2	0.0	0.88	0.27
189	0.9	0.0	455.2	0.0	-58.5	0.0	0.99	0.31
190	-1.0	0.0	9.1	0.0	64.9	0.0	0.02	0.01
191	-1.1	0.0	111.8	0.0	66.3	0.0	0.24	0.08
192	-1.1	0.0	214.5	0.0	67.8	0.0	0.47	0.15
193	-1.1	0.0	265.9	0.0	68.5	0.0	0.58	0.18
194	-1.1	0.0	317.3	0.0	69.2	0.0	0.69	0.22

WEST REV1 CRL TMPCPGA.OUT.txt

195	-1.1	0.0	368.7	0.0	69.9	0.0	0.80	0.25
196	1.0	0.0	303.8	0.0	-60.6	0.0	0.66	0.21
197	0.9	0.0	352.5	0.0	-59.9	0.0	0.77	0.24
198	0.9	0.0	403.8	0.0	-59.2	0.0	0.88	0.27
199	0.9	0.0	455.2	0.0	-58.5	0.0	0.99	0.31
200	-1.0	0.0	9.1	0.0	64.9	0.0	0.02	0.01
201	-1.1	0.0	111.8	0.0	66.3	0.0	0.24	0.08
202	-1.1	0.0	214.5	0.0	67.8	0.0	0.47	0.15
203	-1.1	0.0	265.9	0.0	68.5	0.0	0.58	0.18
204	-1.1	0.0	317.3	0.0	69.2	0.0	0.69	0.22
205	-1.1	0.0	368.7	0.0	69.9	0.0	0.80	0.25
206	0.9	0.0	352.5	0.0	-59.9	0.0	0.77	0.24
207	0.9	0.0	403.8	0.0	-59.2	0.0	0.88	0.27
208	0.9	0.0	455.2	0.0	-58.5	0.0	0.99	0.31
209	-1.0	0.0	9.1	0.0	64.9	0.0	0.02	0.01
210	-1.1	0.0	111.8	0.0	66.3	0.0	0.24	0.08
211	-1.1	0.0	214.5	0.0	67.8	0.0	0.47	0.15
212	-1.1	0.0	265.9	0.0	68.5	0.0	0.58	0.18
213	-1.1	0.0	317.3	0.0	69.2	0.0	0.69	0.22
214	-1.1	0.0	368.7	0.0	69.9	0.0	0.80	0.25
215	0.9	0.0	406.5	0.0	-59.1	0.0	0.89	0.27
216	0.9	0.0	457.9	0.0	-58.4	0.0	1.00	0.31
217	0.9	0.0	457.9	0.0	-58.4	0.0	1.00	0.31
218	-1.1	0.0	320.0	0.0	69.2	0.0	0.70	0.22
219	-1.0	0.0	11.7	0.0	64.9	0.0	0.03	0.01
220	-1.1	0.0	114.5	0.0	66.4	0.0	0.25	0.08
221	-1.1	0.0	217.2	0.0	67.8	0.0	0.47	0.15
222	-1.1	0.0	268.6	0.0	68.5	0.0	0.59	0.18
223	-1.0	0.0	11.7	0.0	64.9	0.0	0.03	0.01
224	-1.1	0.0	114.5	0.0	66.4	0.0	0.25	0.08
225	-1.1	0.0	217.2	0.0	67.8	0.0	0.47	0.15
226	-1.1	0.0	268.6	0.0	68.5	0.0	0.59	0.18
227	-1.0	0.0	11.7	0.0	64.9	0.0	0.03	0.01
228	-1.1	0.0	114.5	0.0	66.4	0.0	0.25	0.08
229	-1.1	0.0	217.2	0.0	67.8	0.0	0.47	0.15
230	-1.1	0.0	268.6	0.0	68.5	0.0	0.59	0.18
231	0.9	0.0	406.5	0.0	-59.1	0.0	0.89	0.27
232	0.9	0.0	457.9	0.0	-58.4	0.0	1.00	0.31
233	0.9	0.0	457.9	0.0	-58.4	0.0	1.00	0.31
234	-1.1	0.0	320.0	0.0	69.2	0.0	0.70	0.22
235	-1.0	0.0	11.7	0.0	64.9	0.0	0.03	0.01
236	-1.1	0.0	114.5	0.0	66.4	0.0	0.25	0.08
237	-1.1	0.0	217.2	0.0	67.8	0.0	0.47	0.15
238	-1.1	0.0	268.6	0.0	68.5	0.0	0.59	0.18
239	-1.0	0.0	11.7	0.0	64.9	0.0	0.03	0.01
240	-1.1	0.0	114.5	0.0	66.4	0.0	0.25	0.08
241	-1.1	0.0	217.2	0.0	67.8	0.0	0.47	0.15
242	-1.1	0.0	268.6	0.0	68.5	0.0	0.59	0.18

WEST REV1 CRL TMPCPGA.OUT.txt

243	-1.0	0.0	11.7	0.0	64.9	0.0	0.03	0.01
244	-1.1	0.0	114.5	0.0	66.4	0.0	0.25	0.08
245	-1.1	0.0	217.2	0.0	67.8	0.0	0.47	0.15
246	-1.1	0.0	268.6	0.0	68.5	0.0	0.59	0.18

LOAD CASE - 2

PILE	F1 K	F2 K	F3 K	M1 IN-K	M2 IN-K	M3 IN-K	ALF	CBF
1	1.1	0.0	251.8	0.0	-70.0	0.0	0.48	0.15
2	1.1	0.0	251.8	0.0	-70.0	0.0	0.48	0.15
3	1.1	0.0	251.8	0.0	-70.0	0.0	0.48	0.15
4	1.1	0.0	251.8	0.0	-70.0	0.0	0.48	0.15
5	1.1	0.0	251.8	0.0	-70.0	0.0	0.48	0.15
6	1.1	0.0	309.8	0.0	-69.2	0.0	0.59	0.18
7	1.1	0.0	309.8	0.0	-69.2	0.0	0.59	0.18
8	1.1	0.0	309.8	0.0	-69.2	0.0	0.59	0.18
9	1.1	0.0	309.8	0.0	-69.2	0.0	0.59	0.18
10	1.1	0.0	309.8	0.0	-69.2	0.0	0.59	0.18
11	1.1	0.0	367.8	0.0	-68.4	0.0	0.70	0.22
12	1.1	0.0	367.8	0.0	-68.4	0.0	0.70	0.22
13	1.1	0.0	367.8	0.0	-68.4	0.0	0.70	0.22
14	1.1	0.0	367.8	0.0	-68.4	0.0	0.70	0.22
15	1.1	0.0	367.8	0.0	-68.4	0.0	0.70	0.22
16	1.1	0.0	425.7	0.0	-67.6	0.0	0.81	0.25
17	1.1	0.0	425.7	0.0	-67.6	0.0	0.81	0.25
18	1.1	0.0	425.7	0.0	-67.6	0.0	0.81	0.25
19	1.1	0.0	425.7	0.0	-67.6	0.0	0.81	0.25
20	1.1	0.0	425.7	0.0	-67.6	0.0	0.81	0.25
21	1.1	0.0	483.7	0.0	-66.8	0.0	0.92	0.29
22	1.1	0.0	483.7	0.0	-66.8	0.0	0.92	0.29
23	1.1	0.0	483.7	0.0	-66.8	0.0	0.92	0.29
24	1.1	0.0	483.7	0.0	-66.8	0.0	0.92	0.29
25	1.1	0.0	483.7	0.0	-66.8	0.0	0.92	0.29
26	-1.2	0.0	-23.4	0.0	73.2	0.0	0.05	0.02
27	-1.2	0.0	-23.4	0.0	73.2	0.0	0.05	0.02
28	-1.2	0.0	-23.4	0.0	73.2	0.0	0.05	0.02
29	-1.2	0.0	-23.4	0.0	73.2	0.0	0.05	0.02
30	-1.2	0.0	-23.4	0.0	73.2	0.0	0.05	0.02
31	-1.2	0.0	92.5	0.0	74.8	0.0	0.18	0.06
32	-1.2	0.0	92.5	0.0	74.8	0.0	0.18	0.06
33	-1.2	0.0	92.5	0.0	74.8	0.0	0.18	0.06
34	-1.2	0.0	92.5	0.0	74.8	0.0	0.18	0.06
35	-1.2	0.0	92.5	0.0	74.8	0.0	0.18	0.06
36	-1.2	0.0	208.4	0.0	76.4	0.0	0.40	0.13
37	-1.2	0.0	208.4	0.0	76.4	0.0	0.40	0.13

WEST REV1 CRL TMPCPGA.OUT.txt

38	-1.2	0.0	208.4	0.0	76.4	0.0	0.40	0.13
39	-1.2	0.0	208.4	0.0	76.4	0.0	0.40	0.13
40	-1.2	0.0	208.4	0.0	76.4	0.0	0.40	0.13
41	-1.2	0.0	266.4	0.0	77.2	0.0	0.51	0.16
42	-1.2	0.0	266.4	0.0	77.2	0.0	0.51	0.16
43	-1.2	0.0	266.4	0.0	77.2	0.0	0.51	0.16
44	-1.2	0.0	266.4	0.0	77.2	0.0	0.51	0.16
45	-1.2	0.0	266.4	0.0	77.2	0.0	0.51	0.16
46	-1.2	0.0	324.4	0.0	78.0	0.0	0.62	0.19
47	-1.2	0.0	324.4	0.0	78.0	0.0	0.62	0.19
48	-1.2	0.0	324.4	0.0	78.0	0.0	0.62	0.19
49	-1.2	0.0	324.4	0.0	78.0	0.0	0.62	0.19
50	-1.2	0.0	324.4	0.0	78.0	0.0	0.62	0.19
51	-1.2	0.0	382.4	0.0	78.8	0.0	0.73	0.23
52	-1.2	0.0	382.4	0.0	78.8	0.0	0.73	0.23
53	-1.2	0.0	382.4	0.0	78.8	0.0	0.73	0.23
54	-1.2	0.0	382.4	0.0	78.8	0.0	0.73	0.23
55	-1.2	0.0	382.4	0.0	78.8	0.0	0.73	0.23
56	-1.3	0.0	440.3	0.0	79.7	0.0	0.84	0.26
57	-1.3	0.0	440.3	0.0	79.7	0.0	0.84	0.26
58	-1.3	0.0	440.3	0.0	79.7	0.0	0.84	0.26
59	-1.3	0.0	440.3	0.0	79.7	0.0	0.84	0.26
60	-1.3	0.0	440.3	0.0	79.7	0.0	0.84	0.26
61	1.1	0.0	251.8	0.0	-70.0	0.0	0.48	0.15
62	1.1	0.0	251.8	0.0	-70.0	0.0	0.48	0.15
63	1.1	0.0	251.8	0.0	-70.0	0.0	0.48	0.15
64	1.1	0.0	251.8	0.0	-70.0	0.0	0.48	0.15
65	1.1	0.0	251.8	0.0	-70.0	0.0	0.48	0.15
66	1.1	0.0	309.8	0.0	-69.2	0.0	0.59	0.18
67	1.1	0.0	309.8	0.0	-69.2	0.0	0.59	0.18
68	1.1	0.0	309.8	0.0	-69.2	0.0	0.59	0.18
69	1.1	0.0	309.8	0.0	-69.2	0.0	0.59	0.18
70	1.1	0.0	309.8	0.0	-69.2	0.0	0.59	0.18
71	1.1	0.0	367.8	0.0	-68.4	0.0	0.70	0.22
72	1.1	0.0	367.8	0.0	-68.4	0.0	0.70	0.22
73	1.1	0.0	367.8	0.0	-68.4	0.0	0.70	0.22
74	1.1	0.0	367.8	0.0	-68.4	0.0	0.70	0.22
75	1.1	0.0	367.8	0.0	-68.4	0.0	0.70	0.22
76	1.1	0.0	425.7	0.0	-67.6	0.0	0.81	0.25
77	1.1	0.0	425.7	0.0	-67.6	0.0	0.81	0.25
78	1.1	0.0	425.7	0.0	-67.6	0.0	0.81	0.25
79	1.1	0.0	425.7	0.0	-67.6	0.0	0.81	0.25
80	1.1	0.0	425.7	0.0	-67.6	0.0	0.81	0.25
81	1.1	0.0	483.7	0.0	-66.8	0.0	0.92	0.29
82	1.1	0.0	483.7	0.0	-66.8	0.0	0.92	0.29
83	1.1	0.0	483.7	0.0	-66.8	0.0	0.92	0.29
84	1.1	0.0	483.7	0.0	-66.8	0.0	0.92	0.29
85	1.1	0.0	483.7	0.0	-66.8	0.0	0.92	0.29

WEST REV1 CRL TMPCPGA.OUT.txt

86	-1.2	0.0	-23.4	0.0	73.2	0.0	0.05	0.02
87	-1.2	0.0	-23.4	0.0	73.2	0.0	0.05	0.02
88	-1.2	0.0	-23.4	0.0	73.2	0.0	0.05	0.02
89	-1.2	0.0	-23.4	0.0	73.2	0.0	0.05	0.02
90	-1.2	0.0	-23.4	0.0	73.2	0.0	0.05	0.02
91	-1.2	0.0	92.5	0.0	74.8	0.0	0.18	0.06
92	-1.2	0.0	92.5	0.0	74.8	0.0	0.18	0.06
93	-1.2	0.0	92.5	0.0	74.8	0.0	0.18	0.06
94	-1.2	0.0	92.5	0.0	74.8	0.0	0.18	0.06
95	-1.2	0.0	92.5	0.0	74.8	0.0	0.18	0.06
96	-1.2	0.0	208.4	0.0	76.4	0.0	0.40	0.13
97	-1.2	0.0	208.4	0.0	76.4	0.0	0.40	0.13
98	-1.2	0.0	208.4	0.0	76.4	0.0	0.40	0.13
99	-1.2	0.0	208.4	0.0	76.4	0.0	0.40	0.13
100	-1.2	0.0	208.4	0.0	76.4	0.0	0.40	0.13
101	-1.2	0.0	266.4	0.0	77.2	0.0	0.51	0.16
102	-1.2	0.0	266.4	0.0	77.2	0.0	0.51	0.16
103	-1.2	0.0	266.4	0.0	77.2	0.0	0.51	0.16
104	-1.2	0.0	266.4	0.0	77.2	0.0	0.51	0.16
105	-1.2	0.0	266.4	0.0	77.2	0.0	0.51	0.16
106	-1.2	0.0	324.4	0.0	78.0	0.0	0.62	0.19
107	-1.2	0.0	324.4	0.0	78.0	0.0	0.62	0.19
108	-1.2	0.0	324.4	0.0	78.0	0.0	0.62	0.19
109	-1.2	0.0	324.4	0.0	78.0	0.0	0.62	0.19
110	-1.2	0.0	324.4	0.0	78.0	0.0	0.62	0.19
111	-1.2	0.0	382.4	0.0	78.8	0.0	0.73	0.23
112	-1.2	0.0	382.4	0.0	78.8	0.0	0.73	0.23
113	-1.2	0.0	382.4	0.0	78.8	0.0	0.73	0.23
114	-1.2	0.0	382.4	0.0	78.8	0.0	0.73	0.23
115	-1.2	0.0	382.4	0.0	78.8	0.0	0.73	0.23
116	-1.3	0.0	440.3	0.0	79.7	0.0	0.84	0.26
117	-1.3	0.0	440.3	0.0	79.7	0.0	0.84	0.26
118	-1.3	0.0	440.3	0.0	79.7	0.0	0.84	0.26
119	-1.3	0.0	440.3	0.0	79.7	0.0	0.84	0.26
120	-1.3	0.0	440.3	0.0	79.7	0.0	0.84	0.26
121	1.1	0.0	251.8	0.0	-70.0	0.0	0.48	0.15
122	1.1	0.0	251.8	0.0	-70.0	0.0	0.48	0.15
123	1.1	0.0	251.8	0.0	-70.0	0.0	0.48	0.15
124	1.1	0.0	251.8	0.0	-70.0	0.0	0.48	0.15
125	1.1	0.0	251.8	0.0	-70.0	0.0	0.48	0.15
126	1.1	0.0	251.8	0.0	-70.0	0.0	0.48	0.15
127	1.1	0.0	251.8	0.0	-70.0	0.0	0.48	0.15
128	1.1	0.0	367.8	0.0	-68.4	0.0	0.70	0.22
129	1.1	0.0	367.8	0.0	-68.4	0.0	0.70	0.22
130	1.1	0.0	367.8	0.0	-68.4	0.0	0.70	0.22
131	1.1	0.0	367.8	0.0	-68.4	0.0	0.70	0.22
132	1.1	0.0	367.8	0.0	-68.4	0.0	0.70	0.22
133	1.1	0.0	367.8	0.0	-68.4	0.0	0.70	0.22



WEST REV1 CRL TMPCPGA.OUT.txt

134	1.1	0.0	367.8	0.0	-68.4	0.0	0.70	0.22
135	1.1	0.0	483.7	0.0	-66.8	0.0	0.92	0.29
136	1.1	0.0	483.7	0.0	-66.8	0.0	0.92	0.29
137	1.1	0.0	483.7	0.0	-66.8	0.0	0.92	0.29
138	1.1	0.0	483.7	0.0	-66.8	0.0	0.92	0.29
139	1.1	0.0	483.7	0.0	-66.8	0.0	0.92	0.29
140	1.1	0.0	483.7	0.0	-66.8	0.0	0.92	0.29
141	1.1	0.0	483.7	0.0	-66.8	0.0	0.92	0.29
142	-1.2	0.0	-23.4	0.0	73.2	0.0	0.05	0.02
143	-1.2	0.0	-23.4	0.0	73.2	0.0	0.05	0.02
144	-1.2	0.0	-23.4	0.0	73.2	0.0	0.05	0.02
145	-1.2	0.0	-23.4	0.0	73.2	0.0	0.05	0.02
146	-1.2	0.0	-23.4	0.0	73.2	0.0	0.05	0.02
147	-1.2	0.0	-23.4	0.0	73.2	0.0	0.05	0.02
148	-1.2	0.0	-23.4	0.0	73.2	0.0	0.05	0.02
149	-1.2	0.0	92.5	0.0	74.8	0.0	0.18	0.06
150	-1.2	0.0	92.5	0.0	74.8	0.0	0.18	0.06
151	-1.2	0.0	92.5	0.0	74.8	0.0	0.18	0.06
152	-1.2	0.0	92.5	0.0	74.8	0.0	0.18	0.06
153	-1.2	0.0	92.5	0.0	74.8	0.0	0.18	0.06
154	-1.2	0.0	92.5	0.0	74.8	0.0	0.18	0.06
155	-1.2	0.0	92.5	0.0	74.8	0.0	0.18	0.06
156	-1.2	0.0	208.4	0.0	76.4	0.0	0.40	0.13
157	-1.2	0.0	208.4	0.0	76.4	0.0	0.40	0.13
158	-1.2	0.0	208.4	0.0	76.4	0.0	0.40	0.13
159	-1.2	0.0	208.4	0.0	76.4	0.0	0.40	0.13
160	-1.2	0.0	208.4	0.0	76.4	0.0	0.40	0.13
161	-1.2	0.0	208.4	0.0	76.4	0.0	0.40	0.13
162	-1.2	0.0	208.4	0.0	76.4	0.0	0.40	0.13
163	-1.2	0.0	324.4	0.0	78.0	0.0	0.62	0.19
164	-1.2	0.0	324.4	0.0	78.0	0.0	0.62	0.19
165	-1.2	0.0	324.4	0.0	78.0	0.0	0.62	0.19
166	-1.2	0.0	324.4	0.0	78.0	0.0	0.62	0.19
167	-1.2	0.0	324.4	0.0	78.0	0.0	0.62	0.19
168	-1.2	0.0	324.4	0.0	78.0	0.0	0.62	0.19
169	-1.2	0.0	324.4	0.0	78.0	0.0	0.62	0.19
170	-1.3	0.0	440.3	0.0	79.7	0.0	0.84	0.26
171	-1.3	0.0	440.3	0.0	79.7	0.0	0.84	0.26
172	-1.3	0.0	440.3	0.0	79.7	0.0	0.84	0.26
173	-1.3	0.0	440.3	0.0	79.7	0.0	0.84	0.26
174	-1.3	0.0	440.3	0.0	79.7	0.0	0.84	0.26
175	-1.3	0.0	440.3	0.0	79.7	0.0	0.84	0.26
176	-1.3	0.0	440.3	0.0	79.7	0.0	0.84	0.26
177	1.1	0.0	309.8	0.0	-69.2	0.0	0.59	0.18
178	1.1	0.0	364.7	0.0	-68.5	0.0	0.69	0.22
179	1.1	0.0	422.7	0.0	-67.7	0.0	0.80	0.25
180	1.1	0.0	480.7	0.0	-66.9	0.0	0.91	0.28
181	-1.2	0.0	-26.5	0.0	73.2	0.0	0.06	0.02

WEST REV1 CRL TMPCPGA.OUT.txt

182	-1.2	0.0	89.5	0.0	74.8	0.0	0.17	0.06
183	-1.2	0.0	205.4	0.0	76.4	0.0	0.39	0.12
184	-1.2	0.0	263.4	0.0	77.2	0.0	0.50	0.16
185	-1.2	0.0	321.3	0.0	78.0	0.0	0.61	0.19
186	-1.2	0.0	379.3	0.0	78.8	0.0	0.72	0.23
187	1.1	0.0	364.7	0.0	-68.5	0.0	0.69	0.22
188	1.1	0.0	422.7	0.0	-67.7	0.0	0.80	0.25
189	1.1	0.0	480.7	0.0	-66.9	0.0	0.91	0.28
190	-1.2	0.0	-26.5	0.0	73.2	0.0	0.06	0.02
191	-1.2	0.0	89.5	0.0	74.8	0.0	0.17	0.06
192	-1.2	0.0	205.4	0.0	76.4	0.0	0.39	0.12
193	-1.2	0.0	263.4	0.0	77.2	0.0	0.50	0.16
194	-1.2	0.0	321.3	0.0	78.0	0.0	0.61	0.19
195	-1.2	0.0	379.3	0.0	78.8	0.0	0.72	0.23
196	1.1	0.0	309.8	0.0	-69.2	0.0	0.59	0.18
197	1.1	0.0	364.7	0.0	-68.5	0.0	0.69	0.22
198	1.1	0.0	422.7	0.0	-67.7	0.0	0.80	0.25
199	1.1	0.0	480.7	0.0	-66.9	0.0	0.91	0.28
200	-1.2	0.0	-26.5	0.0	73.2	0.0	0.06	0.02
201	-1.2	0.0	89.5	0.0	74.8	0.0	0.17	0.06
202	-1.2	0.0	205.4	0.0	76.4	0.0	0.39	0.12
203	-1.2	0.0	263.4	0.0	77.2	0.0	0.50	0.16
204	-1.2	0.0	321.3	0.0	78.0	0.0	0.61	0.19
205	-1.2	0.0	379.3	0.0	78.8	0.0	0.72	0.23
206	1.1	0.0	364.7	0.0	-68.5	0.0	0.69	0.22
207	1.1	0.0	422.7	0.0	-67.7	0.0	0.80	0.25
208	1.1	0.0	480.7	0.0	-66.9	0.0	0.91	0.28
209	-1.2	0.0	-26.5	0.0	73.2	0.0	0.06	0.02
210	-1.2	0.0	89.5	0.0	74.8	0.0	0.17	0.06
211	-1.2	0.0	205.4	0.0	76.4	0.0	0.39	0.12
212	-1.2	0.0	263.4	0.0	77.2	0.0	0.50	0.16
213	-1.2	0.0	321.3	0.0	78.0	0.0	0.61	0.19
214	-1.2	0.0	379.3	0.0	78.8	0.0	0.72	0.23
215	1.1	0.0	425.7	0.0	-67.6	0.0	0.81	0.25
216	1.1	0.0	483.7	0.0	-66.8	0.0	0.92	0.29
217	1.1	0.0	483.7	0.0	-66.8	0.0	0.92	0.29
218	-1.2	0.0	324.4	0.0	78.0	0.0	0.62	0.19
219	-1.2	0.0	-23.4	0.0	73.2	0.0	0.05	0.02
220	-1.2	0.0	92.5	0.0	74.8	0.0	0.18	0.06
221	-1.2	0.0	208.4	0.0	76.4	0.0	0.40	0.13
222	-1.2	0.0	266.4	0.0	77.2	0.0	0.51	0.16
223	-1.2	0.0	-23.4	0.0	73.2	0.0	0.05	0.02
224	-1.2	0.0	92.5	0.0	74.8	0.0	0.18	0.06
225	-1.2	0.0	208.4	0.0	76.4	0.0	0.40	0.13
226	-1.2	0.0	266.4	0.0	77.2	0.0	0.51	0.16
227	-1.2	0.0	-23.4	0.0	73.2	0.0	0.05	0.02
228	-1.2	0.0	92.5	0.0	74.8	0.0	0.18	0.06
229	-1.2	0.0	208.4	0.0	76.4	0.0	0.40	0.13

WEST REV1 CRL TMPCPGA.OUT.txt

230	-1.2	0.0	266.4	0.0	77.2	0.0	0.51	0.16
231	1.1	0.0	425.7	0.0	-67.6	0.0	0.81	0.25
232	1.1	0.0	483.7	0.0	-66.8	0.0	0.92	0.29
233	1.1	0.0	483.7	0.0	-66.8	0.0	0.92	0.29
234	-1.2	0.0	324.4	0.0	78.0	0.0	0.62	0.19
235	-1.2	0.0	-23.4	0.0	73.2	0.0	0.05	0.02
236	-1.2	0.0	92.5	0.0	74.8	0.0	0.18	0.06
237	-1.2	0.0	208.4	0.0	76.4	0.0	0.40	0.13
238	-1.2	0.0	266.4	0.0	77.2	0.0	0.51	0.16
239	-1.2	0.0	-23.4	0.0	73.2	0.0	0.05	0.02
240	-1.2	0.0	92.5	0.0	74.8	0.0	0.18	0.06
241	-1.2	0.0	208.4	0.0	76.4	0.0	0.40	0.13
242	-1.2	0.0	266.4	0.0	77.2	0.0	0.51	0.16
243	-1.2	0.0	-23.4	0.0	73.2	0.0	0.05	0.02
244	-1.2	0.0	92.5	0.0	74.8	0.0	0.18	0.06
245	-1.2	0.0	208.4	0.0	76.4	0.0	0.40	0.13
246	-1.2	0.0	266.4	0.0	77.2	0.0	0.51	0.16

LOAD CASE - 3

PILE	F1 K	F2 K	F3 K	M1 IN-K	M2 IN-K	M3 IN-K	ALF	CBF
1	-0.3	0.0	141.1	0.0	19.4	0.0	0.36	0.11
2	-0.3	0.0	141.1	0.0	19.4	0.0	0.36	0.11
3	-0.3	0.0	141.1	0.0	19.4	0.0	0.36	0.11
4	-0.3	0.0	141.1	0.0	19.4	0.0	0.36	0.11
5	-0.3	0.0	141.1	0.0	19.4	0.0	0.36	0.11
6	-0.3	0.0	131.5	0.0	19.3	0.0	0.33	0.10
7	-0.3	0.0	131.5	0.0	19.3	0.0	0.33	0.10
8	-0.3	0.0	131.5	0.0	19.3	0.0	0.33	0.10
9	-0.3	0.0	131.5	0.0	19.3	0.0	0.33	0.10
10	-0.3	0.0	131.5	0.0	19.3	0.0	0.33	0.10
11	-0.3	0.0	122.0	0.0	19.1	0.0	0.31	0.10
12	-0.3	0.0	122.0	0.0	19.1	0.0	0.31	0.10
13	-0.3	0.0	122.0	0.0	19.1	0.0	0.31	0.10
14	-0.3	0.0	122.0	0.0	19.1	0.0	0.31	0.10
15	-0.3	0.0	122.0	0.0	19.1	0.0	0.31	0.10
16	-0.3	0.0	112.4	0.0	19.0	0.0	0.28	0.09
17	-0.3	0.0	112.4	0.0	19.0	0.0	0.28	0.09
18	-0.3	0.0	112.4	0.0	19.0	0.0	0.28	0.09
19	-0.3	0.0	112.4	0.0	19.0	0.0	0.28	0.09
20	-0.3	0.0	112.4	0.0	19.0	0.0	0.28	0.09
21	-0.3	0.0	102.9	0.0	18.9	0.0	0.26	0.08
22	-0.3	0.0	102.9	0.0	18.9	0.0	0.26	0.08
23	-0.3	0.0	102.9	0.0	18.9	0.0	0.26	0.08
24	-0.3	0.0	102.9	0.0	18.9	0.0	0.26	0.08

WEST REV1 CRL TMPCPGA.OUT.txt

25	-0.3	0.0	102.9	0.0	18.9	0.0	0.26	0.08
26	0.2	0.0	231.5	0.0	-14.2	0.0	0.59	0.18
27	0.2	0.0	231.5	0.0	-14.2	0.0	0.59	0.18
28	0.2	0.0	231.5	0.0	-14.2	0.0	0.59	0.18
29	0.2	0.0	231.5	0.0	-14.2	0.0	0.59	0.18
30	0.2	0.0	231.5	0.0	-14.2	0.0	0.59	0.18
31	0.2	0.0	212.4	0.0	-14.5	0.0	0.54	0.17
32	0.2	0.0	212.4	0.0	-14.5	0.0	0.54	0.17
33	0.2	0.0	212.4	0.0	-14.5	0.0	0.54	0.17
34	0.2	0.0	212.4	0.0	-14.5	0.0	0.54	0.17
35	0.2	0.0	212.4	0.0	-14.5	0.0	0.54	0.17
36	0.2	0.0	193.3	0.0	-14.7	0.0	0.49	0.15
37	0.2	0.0	193.3	0.0	-14.7	0.0	0.49	0.15
38	0.2	0.0	193.3	0.0	-14.7	0.0	0.49	0.15
39	0.2	0.0	193.3	0.0	-14.7	0.0	0.49	0.15
40	0.2	0.0	193.3	0.0	-14.7	0.0	0.49	0.15
41	0.2	0.0	183.7	0.0	-14.9	0.0	0.47	0.14
42	0.2	0.0	183.7	0.0	-14.9	0.0	0.47	0.14
43	0.2	0.0	183.7	0.0	-14.9	0.0	0.47	0.14
44	0.2	0.0	183.7	0.0	-14.9	0.0	0.47	0.14
45	0.2	0.0	183.7	0.0	-14.9	0.0	0.47	0.14
46	0.2	0.0	174.1	0.0	-15.0	0.0	0.44	0.14
47	0.2	0.0	174.1	0.0	-15.0	0.0	0.44	0.14
48	0.2	0.0	174.1	0.0	-15.0	0.0	0.44	0.14
49	0.2	0.0	174.1	0.0	-15.0	0.0	0.44	0.14
50	0.2	0.0	174.1	0.0	-15.0	0.0	0.44	0.14
51	0.2	0.0	164.6	0.0	-15.1	0.0	0.42	0.13
52	0.2	0.0	164.6	0.0	-15.1	0.0	0.42	0.13
53	0.2	0.0	164.6	0.0	-15.1	0.0	0.42	0.13
54	0.2	0.0	164.6	0.0	-15.1	0.0	0.42	0.13
55	0.2	0.0	164.6	0.0	-15.1	0.0	0.42	0.13
56	0.2	0.0	155.0	0.0	-15.3	0.0	0.39	0.12
57	0.2	0.0	155.0	0.0	-15.3	0.0	0.39	0.12
58	0.2	0.0	155.0	0.0	-15.3	0.0	0.39	0.12
59	0.2	0.0	155.0	0.0	-15.3	0.0	0.39	0.12
60	0.2	0.0	155.0	0.0	-15.3	0.0	0.39	0.12
61	-0.3	0.0	141.1	0.0	19.4	0.0	0.36	0.11
62	-0.3	0.0	141.1	0.0	19.4	0.0	0.36	0.11
63	-0.3	0.0	141.1	0.0	19.4	0.0	0.36	0.11
64	-0.3	0.0	141.1	0.0	19.4	0.0	0.36	0.11
65	-0.3	0.0	141.1	0.0	19.4	0.0	0.36	0.11
66	-0.3	0.0	131.5	0.0	19.3	0.0	0.33	0.10
67	-0.3	0.0	131.5	0.0	19.3	0.0	0.33	0.10
68	-0.3	0.0	131.5	0.0	19.3	0.0	0.33	0.10
69	-0.3	0.0	131.5	0.0	19.3	0.0	0.33	0.10
70	-0.3	0.0	131.5	0.0	19.3	0.0	0.33	0.10
71	-0.3	0.0	122.0	0.0	19.1	0.0	0.31	0.10
72	-0.3	0.0	122.0	0.0	19.1	0.0	0.31	0.10

WEST REV1 CRL TMPCPGA.OUT.txt

73	-0.3	0.0	122.0	0.0	19.1	0.0	0.31	0.10
74	-0.3	0.0	122.0	0.0	19.1	0.0	0.31	0.10
75	-0.3	0.0	122.0	0.0	19.1	0.0	0.31	0.10
76	-0.3	0.0	112.4	0.0	19.0	0.0	0.28	0.09
77	-0.3	0.0	112.4	0.0	19.0	0.0	0.28	0.09
78	-0.3	0.0	112.4	0.0	19.0	0.0	0.28	0.09
79	-0.3	0.0	112.4	0.0	19.0	0.0	0.28	0.09
80	-0.3	0.0	112.4	0.0	19.0	0.0	0.28	0.09
81	-0.3	0.0	102.9	0.0	18.9	0.0	0.26	0.08
82	-0.3	0.0	102.9	0.0	18.9	0.0	0.26	0.08
83	-0.3	0.0	102.9	0.0	18.9	0.0	0.26	0.08
84	-0.3	0.0	102.9	0.0	18.9	0.0	0.26	0.08
85	-0.3	0.0	102.9	0.0	18.9	0.0	0.26	0.08
86	0.2	0.0	231.5	0.0	-14.2	0.0	0.59	0.18
87	0.2	0.0	231.5	0.0	-14.2	0.0	0.59	0.18
88	0.2	0.0	231.5	0.0	-14.2	0.0	0.59	0.18
89	0.2	0.0	231.5	0.0	-14.2	0.0	0.59	0.18
90	0.2	0.0	231.5	0.0	-14.2	0.0	0.59	0.18
91	0.2	0.0	212.4	0.0	-14.5	0.0	0.54	0.17
92	0.2	0.0	212.4	0.0	-14.5	0.0	0.54	0.17
93	0.2	0.0	212.4	0.0	-14.5	0.0	0.54	0.17
94	0.2	0.0	212.4	0.0	-14.5	0.0	0.54	0.17
95	0.2	0.0	212.4	0.0	-14.5	0.0	0.54	0.17
96	0.2	0.0	193.3	0.0	-14.7	0.0	0.49	0.15
97	0.2	0.0	193.3	0.0	-14.7	0.0	0.49	0.15
98	0.2	0.0	193.3	0.0	-14.7	0.0	0.49	0.15
99	0.2	0.0	193.3	0.0	-14.7	0.0	0.49	0.15
100	0.2	0.0	193.3	0.0	-14.7	0.0	0.49	0.15
101	0.2	0.0	183.7	0.0	-14.9	0.0	0.47	0.14
102	0.2	0.0	183.7	0.0	-14.9	0.0	0.47	0.14
103	0.2	0.0	183.7	0.0	-14.9	0.0	0.47	0.14
104	0.2	0.0	183.7	0.0	-14.9	0.0	0.47	0.14
105	0.2	0.0	183.7	0.0	-14.9	0.0	0.47	0.14
106	0.2	0.0	174.1	0.0	-15.0	0.0	0.44	0.14
107	0.2	0.0	174.1	0.0	-15.0	0.0	0.44	0.14
108	0.2	0.0	174.1	0.0	-15.0	0.0	0.44	0.14
109	0.2	0.0	174.1	0.0	-15.0	0.0	0.44	0.14
110	0.2	0.0	174.1	0.0	-15.0	0.0	0.44	0.14
111	0.2	0.0	164.6	0.0	-15.1	0.0	0.42	0.13
112	0.2	0.0	164.6	0.0	-15.1	0.0	0.42	0.13
113	0.2	0.0	164.6	0.0	-15.1	0.0	0.42	0.13
114	0.2	0.0	164.6	0.0	-15.1	0.0	0.42	0.13
115	0.2	0.0	164.6	0.0	-15.1	0.0	0.42	0.13
116	0.2	0.0	155.0	0.0	-15.3	0.0	0.39	0.12
117	0.2	0.0	155.0	0.0	-15.3	0.0	0.39	0.12
118	0.2	0.0	155.0	0.0	-15.3	0.0	0.39	0.12
119	0.2	0.0	155.0	0.0	-15.3	0.0	0.39	0.12
120	0.2	0.0	155.0	0.0	-15.3	0.0	0.39	0.12

WEST REV1 CRL TMPCPGA.OUT.txt

121	-0.3	0.0	141.1	0.0	19.4	0.0	0.36	0.11
122	-0.3	0.0	141.1	0.0	19.4	0.0	0.36	0.11
123	-0.3	0.0	141.1	0.0	19.4	0.0	0.36	0.11
124	-0.3	0.0	141.1	0.0	19.4	0.0	0.36	0.11
125	-0.3	0.0	141.1	0.0	19.4	0.0	0.36	0.11
126	-0.3	0.0	141.1	0.0	19.4	0.0	0.36	0.11
127	-0.3	0.0	141.1	0.0	19.4	0.0	0.36	0.11
128	-0.3	0.0	122.0	0.0	19.1	0.0	0.31	0.10
129	-0.3	0.0	122.0	0.0	19.1	0.0	0.31	0.10
130	-0.3	0.0	122.0	0.0	19.1	0.0	0.31	0.10
131	-0.3	0.0	122.0	0.0	19.1	0.0	0.31	0.10
132	-0.3	0.0	122.0	0.0	19.1	0.0	0.31	0.10
133	-0.3	0.0	122.0	0.0	19.1	0.0	0.31	0.10
134	-0.3	0.0	122.0	0.0	19.1	0.0	0.31	0.10
135	-0.3	0.0	102.9	0.0	18.9	0.0	0.26	0.08
136	-0.3	0.0	102.9	0.0	18.9	0.0	0.26	0.08
137	-0.3	0.0	102.9	0.0	18.9	0.0	0.26	0.08
138	-0.3	0.0	102.9	0.0	18.9	0.0	0.26	0.08
139	-0.3	0.0	102.9	0.0	18.9	0.0	0.26	0.08
140	-0.3	0.0	102.9	0.0	18.9	0.0	0.26	0.08
141	-0.3	0.0	102.9	0.0	18.9	0.0	0.26	0.08
142	0.2	0.0	231.5	0.0	-14.2	0.0	0.59	0.18
143	0.2	0.0	231.5	0.0	-14.2	0.0	0.59	0.18
144	0.2	0.0	231.5	0.0	-14.2	0.0	0.59	0.18
145	0.2	0.0	231.5	0.0	-14.2	0.0	0.59	0.18
146	0.2	0.0	231.5	0.0	-14.2	0.0	0.59	0.18
147	0.2	0.0	231.5	0.0	-14.2	0.0	0.59	0.18
148	0.2	0.0	231.5	0.0	-14.2	0.0	0.59	0.18
149	0.2	0.0	212.4	0.0	-14.5	0.0	0.54	0.17
150	0.2	0.0	212.4	0.0	-14.5	0.0	0.54	0.17
151	0.2	0.0	212.4	0.0	-14.5	0.0	0.54	0.17
152	0.2	0.0	212.4	0.0	-14.5	0.0	0.54	0.17
153	0.2	0.0	212.4	0.0	-14.5	0.0	0.54	0.17
154	0.2	0.0	212.4	0.0	-14.5	0.0	0.54	0.17
155	0.2	0.0	212.4	0.0	-14.5	0.0	0.54	0.17
156	0.2	0.0	193.3	0.0	-14.7	0.0	0.49	0.15
157	0.2	0.0	193.3	0.0	-14.7	0.0	0.49	0.15
158	0.2	0.0	193.3	0.0	-14.7	0.0	0.49	0.15
159	0.2	0.0	193.3	0.0	-14.7	0.0	0.49	0.15
160	0.2	0.0	193.3	0.0	-14.7	0.0	0.49	0.15
161	0.2	0.0	193.3	0.0	-14.7	0.0	0.49	0.15
162	0.2	0.0	193.3	0.0	-14.7	0.0	0.49	0.15
163	0.2	0.0	174.1	0.0	-15.0	0.0	0.44	0.14
164	0.2	0.0	174.1	0.0	-15.0	0.0	0.44	0.14
165	0.2	0.0	174.1	0.0	-15.0	0.0	0.44	0.14
166	0.2	0.0	174.1	0.0	-15.0	0.0	0.44	0.14
167	0.2	0.0	174.1	0.0	-15.0	0.0	0.44	0.14
168	0.2	0.0	174.1	0.0	-15.0	0.0	0.44	0.14

WEST REV1 CRL TMPCPGA.OUT.txt

169	0.2	0.0	174.1	0.0	-15.0	0.0	0.44	0.14
170	0.2	0.0	155.0	0.0	-15.3	0.0	0.39	0.12
171	0.2	0.0	155.0	0.0	-15.3	0.0	0.39	0.12
172	0.2	0.0	155.0	0.0	-15.3	0.0	0.39	0.12
173	0.2	0.0	155.0	0.0	-15.3	0.0	0.39	0.12
174	0.2	0.0	155.0	0.0	-15.3	0.0	0.39	0.12
175	0.2	0.0	155.0	0.0	-15.3	0.0	0.39	0.12
176	0.2	0.0	155.0	0.0	-15.3	0.0	0.39	0.12
177	-0.3	0.0	131.5	0.0	19.3	0.0	0.33	0.10
178	-0.3	0.0	122.5	0.0	19.1	0.0	0.31	0.10
179	-0.3	0.0	112.9	0.0	19.0	0.0	0.29	0.09
180	-0.3	0.0	103.4	0.0	18.9	0.0	0.26	0.08
181	0.2	0.0	232.0	0.0	-14.2	0.0	0.59	0.18
182	0.2	0.0	212.9	0.0	-14.5	0.0	0.54	0.17
183	0.2	0.0	193.8	0.0	-14.7	0.0	0.49	0.15
184	0.2	0.0	184.2	0.0	-14.9	0.0	0.47	0.14
185	0.2	0.0	174.6	0.0	-15.0	0.0	0.44	0.14
186	0.2	0.0	165.1	0.0	-15.1	0.0	0.42	0.13
187	-0.3	0.0	122.5	0.0	19.1	0.0	0.31	0.10
188	-0.3	0.0	112.9	0.0	19.0	0.0	0.29	0.09
189	-0.3	0.0	103.4	0.0	18.9	0.0	0.26	0.08
190	0.2	0.0	232.0	0.0	-14.2	0.0	0.59	0.18
191	0.2	0.0	212.9	0.0	-14.5	0.0	0.54	0.17
192	0.2	0.0	193.8	0.0	-14.7	0.0	0.49	0.15
193	0.2	0.0	184.2	0.0	-14.9	0.0	0.47	0.14
194	0.2	0.0	174.6	0.0	-15.0	0.0	0.44	0.14
195	0.2	0.0	165.1	0.0	-15.1	0.0	0.42	0.13
196	-0.3	0.0	131.5	0.0	19.3	0.0	0.33	0.10
197	-0.3	0.0	122.5	0.0	19.1	0.0	0.31	0.10
198	-0.3	0.0	112.9	0.0	19.0	0.0	0.29	0.09
199	-0.3	0.0	103.4	0.0	18.9	0.0	0.26	0.08
200	0.2	0.0	232.0	0.0	-14.2	0.0	0.59	0.18
201	0.2	0.0	212.9	0.0	-14.5	0.0	0.54	0.17
202	0.2	0.0	193.8	0.0	-14.7	0.0	0.49	0.15
203	0.2	0.0	184.2	0.0	-14.9	0.0	0.47	0.14
204	0.2	0.0	174.6	0.0	-15.0	0.0	0.44	0.14
205	0.2	0.0	165.1	0.0	-15.1	0.0	0.42	0.13
206	-0.3	0.0	122.5	0.0	19.1	0.0	0.31	0.10
207	-0.3	0.0	112.9	0.0	19.0	0.0	0.29	0.09
208	-0.3	0.0	103.4	0.0	18.9	0.0	0.26	0.08
209	0.2	0.0	232.0	0.0	-14.2	0.0	0.59	0.18
210	0.2	0.0	212.9	0.0	-14.5	0.0	0.54	0.17
211	0.2	0.0	193.8	0.0	-14.7	0.0	0.49	0.15
212	0.2	0.0	184.2	0.0	-14.9	0.0	0.47	0.14
213	0.2	0.0	174.6	0.0	-15.0	0.0	0.44	0.14
214	0.2	0.0	165.1	0.0	-15.1	0.0	0.42	0.13
215	-0.3	0.0	112.4	0.0	19.0	0.0	0.28	0.09
216	-0.3	0.0	102.9	0.0	18.9	0.0	0.26	0.08

WEST REV1 CRL TMPCPGA.OUT.txt

217	-0.3	0.0	102.9	0.0	18.9	0.0	0.26	0.08
218	0.2	0.0	174.1	0.0	-15.0	0.0	0.44	0.14
219	0.2	0.0	231.5	0.0	-14.2	0.0	0.59	0.18
220	0.2	0.0	212.4	0.0	-14.5	0.0	0.54	0.17
221	0.2	0.0	193.3	0.0	-14.7	0.0	0.49	0.15
222	0.2	0.0	183.7	0.0	-14.9	0.0	0.47	0.14
223	0.2	0.0	231.5	0.0	-14.2	0.0	0.59	0.18
224	0.2	0.0	212.4	0.0	-14.5	0.0	0.54	0.17
225	0.2	0.0	193.3	0.0	-14.7	0.0	0.49	0.15
226	0.2	0.0	183.7	0.0	-14.9	0.0	0.47	0.14
227	0.2	0.0	231.5	0.0	-14.2	0.0	0.59	0.18
228	0.2	0.0	212.4	0.0	-14.5	0.0	0.54	0.17
229	0.2	0.0	193.3	0.0	-14.7	0.0	0.49	0.15
230	0.2	0.0	183.7	0.0	-14.9	0.0	0.47	0.14
231	-0.3	0.0	112.4	0.0	19.0	0.0	0.28	0.09
232	-0.3	0.0	102.9	0.0	18.9	0.0	0.26	0.08
233	-0.3	0.0	102.9	0.0	18.9	0.0	0.26	0.08
234	0.2	0.0	174.1	0.0	-15.0	0.0	0.44	0.14
235	0.2	0.0	231.5	0.0	-14.2	0.0	0.59	0.18
236	0.2	0.0	212.4	0.0	-14.5	0.0	0.54	0.17
237	0.2	0.0	193.3	0.0	-14.7	0.0	0.49	0.15
238	0.2	0.0	183.7	0.0	-14.9	0.0	0.47	0.14
239	0.2	0.0	231.5	0.0	-14.2	0.0	0.59	0.18
240	0.2	0.0	212.4	0.0	-14.5	0.0	0.54	0.17
241	0.2	0.0	193.3	0.0	-14.7	0.0	0.49	0.15
242	0.2	0.0	183.7	0.0	-14.9	0.0	0.47	0.14
243	0.2	0.0	231.5	0.0	-14.2	0.0	0.59	0.18
244	0.2	0.0	212.4	0.0	-14.5	0.0	0.54	0.17
245	0.2	0.0	193.3	0.0	-14.7	0.0	0.49	0.15
246	0.2	0.0	183.7	0.0	-14.9	0.0	0.47	0.14

LOAD CASE - 4

PILE	F1 K	F2 K	F3 K	M1 IN-K	M2 IN-K	M3 IN-K	ALF	CBF
1	-0.3	0.0	140.9	0.0	20.9	0.0	0.27	0.08
2	-0.3	0.0	140.9	0.0	20.9	0.0	0.27	0.08
3	-0.3	0.0	140.9	0.0	20.9	0.0	0.27	0.08
4	-0.3	0.0	140.9	0.0	20.9	0.0	0.27	0.08
5	-0.3	0.0	140.9	0.0	20.9	0.0	0.27	0.08
6	-0.3	0.0	130.2	0.0	20.8	0.0	0.25	0.08
7	-0.3	0.0	130.2	0.0	20.8	0.0	0.25	0.08
8	-0.3	0.0	130.2	0.0	20.8	0.0	0.25	0.08
9	-0.3	0.0	130.2	0.0	20.8	0.0	0.25	0.08
10	-0.3	0.0	130.2	0.0	20.8	0.0	0.25	0.08
11	-0.3	0.0	119.5	0.0	20.6	0.0	0.23	0.07



WEST REV1 CRL TMPCPGA.OUT.txt

12	-0.3	0.0	119.5	0.0	20.6	0.0	0.23	0.07
13	-0.3	0.0	119.5	0.0	20.6	0.0	0.23	0.07
14	-0.3	0.0	119.5	0.0	20.6	0.0	0.23	0.07
15	-0.3	0.0	119.5	0.0	20.6	0.0	0.23	0.07
16	-0.3	0.0	108.9	0.0	20.5	0.0	0.21	0.06
17	-0.3	0.0	108.9	0.0	20.5	0.0	0.21	0.06
18	-0.3	0.0	108.9	0.0	20.5	0.0	0.21	0.06
19	-0.3	0.0	108.9	0.0	20.5	0.0	0.21	0.06
20	-0.3	0.0	108.9	0.0	20.5	0.0	0.21	0.06
21	-0.3	0.0	98.2	0.0	20.3	0.0	0.19	0.06
22	-0.3	0.0	98.2	0.0	20.3	0.0	0.19	0.06
23	-0.3	0.0	98.2	0.0	20.3	0.0	0.19	0.06
24	-0.3	0.0	98.2	0.0	20.3	0.0	0.19	0.06
25	-0.3	0.0	98.2	0.0	20.3	0.0	0.19	0.06
26	0.2	0.0	237.6	0.0	-15.7	0.0	0.45	0.14
27	0.2	0.0	237.6	0.0	-15.7	0.0	0.45	0.14
28	0.2	0.0	237.6	0.0	-15.7	0.0	0.45	0.14
29	0.2	0.0	237.6	0.0	-15.7	0.0	0.45	0.14
30	0.2	0.0	237.6	0.0	-15.7	0.0	0.45	0.14
31	0.3	0.0	216.3	0.0	-16.0	0.0	0.41	0.13
32	0.3	0.0	216.3	0.0	-16.0	0.0	0.41	0.13
33	0.3	0.0	216.3	0.0	-16.0	0.0	0.41	0.13
34	0.3	0.0	216.3	0.0	-16.0	0.0	0.41	0.13
35	0.3	0.0	216.3	0.0	-16.0	0.0	0.41	0.13
36	0.3	0.0	194.9	0.0	-16.3	0.0	0.37	0.11
37	0.3	0.0	194.9	0.0	-16.3	0.0	0.37	0.11
38	0.3	0.0	194.9	0.0	-16.3	0.0	0.37	0.11
39	0.3	0.0	194.9	0.0	-16.3	0.0	0.37	0.11
40	0.3	0.0	194.9	0.0	-16.3	0.0	0.37	0.11
41	0.3	0.0	184.2	0.0	-16.4	0.0	0.35	0.11
42	0.3	0.0	184.2	0.0	-16.4	0.0	0.35	0.11
43	0.3	0.0	184.2	0.0	-16.4	0.0	0.35	0.11
44	0.3	0.0	184.2	0.0	-16.4	0.0	0.35	0.11
45	0.3	0.0	184.2	0.0	-16.4	0.0	0.35	0.11
46	0.3	0.0	173.6	0.0	-16.6	0.0	0.33	0.10
47	0.3	0.0	173.6	0.0	-16.6	0.0	0.33	0.10
48	0.3	0.0	173.6	0.0	-16.6	0.0	0.33	0.10
49	0.3	0.0	173.6	0.0	-16.6	0.0	0.33	0.10
50	0.3	0.0	173.6	0.0	-16.6	0.0	0.33	0.10
51	0.3	0.0	162.9	0.0	-16.7	0.0	0.31	0.10
52	0.3	0.0	162.9	0.0	-16.7	0.0	0.31	0.10
53	0.3	0.0	162.9	0.0	-16.7	0.0	0.31	0.10
54	0.3	0.0	162.9	0.0	-16.7	0.0	0.31	0.10
55	0.3	0.0	162.9	0.0	-16.7	0.0	0.31	0.10
56	0.3	0.0	152.2	0.0	-16.9	0.0	0.29	0.09
57	0.3	0.0	152.2	0.0	-16.9	0.0	0.29	0.09
58	0.3	0.0	152.2	0.0	-16.9	0.0	0.29	0.09
59	0.3	0.0	152.2	0.0	-16.9	0.0	0.29	0.09

WEST REV1 CRL TMPCPGA.OUT.txt

60	0.3	0.0	152.2	0.0	-16.9	0.0	0.29	0.09
61	-0.3	0.0	140.9	0.0	20.9	0.0	0.27	0.08
62	-0.3	0.0	140.9	0.0	20.9	0.0	0.27	0.08
63	-0.3	0.0	140.9	0.0	20.9	0.0	0.27	0.08
64	-0.3	0.0	140.9	0.0	20.9	0.0	0.27	0.08
65	-0.3	0.0	140.9	0.0	20.9	0.0	0.27	0.08
66	-0.3	0.0	130.2	0.0	20.8	0.0	0.25	0.08
67	-0.3	0.0	130.2	0.0	20.8	0.0	0.25	0.08
68	-0.3	0.0	130.2	0.0	20.8	0.0	0.25	0.08
69	-0.3	0.0	130.2	0.0	20.8	0.0	0.25	0.08
70	-0.3	0.0	130.2	0.0	20.8	0.0	0.25	0.08
71	-0.3	0.0	119.5	0.0	20.6	0.0	0.23	0.07
72	-0.3	0.0	119.5	0.0	20.6	0.0	0.23	0.07
73	-0.3	0.0	119.5	0.0	20.6	0.0	0.23	0.07
74	-0.3	0.0	119.5	0.0	20.6	0.0	0.23	0.07
75	-0.3	0.0	119.5	0.0	20.6	0.0	0.23	0.07
76	-0.3	0.0	108.9	0.0	20.5	0.0	0.21	0.06
77	-0.3	0.0	108.9	0.0	20.5	0.0	0.21	0.06
78	-0.3	0.0	108.9	0.0	20.5	0.0	0.21	0.06
79	-0.3	0.0	108.9	0.0	20.5	0.0	0.21	0.06
80	-0.3	0.0	108.9	0.0	20.5	0.0	0.21	0.06
81	-0.3	0.0	98.2	0.0	20.3	0.0	0.19	0.06
82	-0.3	0.0	98.2	0.0	20.3	0.0	0.19	0.06
83	-0.3	0.0	98.2	0.0	20.3	0.0	0.19	0.06
84	-0.3	0.0	98.2	0.0	20.3	0.0	0.19	0.06
85	-0.3	0.0	98.2	0.0	20.3	0.0	0.19	0.06
86	0.2	0.0	237.6	0.0	-15.7	0.0	0.45	0.14
87	0.2	0.0	237.6	0.0	-15.7	0.0	0.45	0.14
88	0.2	0.0	237.6	0.0	-15.7	0.0	0.45	0.14
89	0.2	0.0	237.6	0.0	-15.7	0.0	0.45	0.14
90	0.2	0.0	237.6	0.0	-15.7	0.0	0.45	0.14
91	0.3	0.0	216.3	0.0	-16.0	0.0	0.41	0.13
92	0.3	0.0	216.3	0.0	-16.0	0.0	0.41	0.13
93	0.3	0.0	216.3	0.0	-16.0	0.0	0.41	0.13
94	0.3	0.0	216.3	0.0	-16.0	0.0	0.41	0.13
95	0.3	0.0	216.3	0.0	-16.0	0.0	0.41	0.13
96	0.3	0.0	194.9	0.0	-16.3	0.0	0.37	0.11
97	0.3	0.0	194.9	0.0	-16.3	0.0	0.37	0.11
98	0.3	0.0	194.9	0.0	-16.3	0.0	0.37	0.11
99	0.3	0.0	194.9	0.0	-16.3	0.0	0.37	0.11
100	0.3	0.0	194.9	0.0	-16.3	0.0	0.37	0.11
101	0.3	0.0	184.2	0.0	-16.4	0.0	0.35	0.11
102	0.3	0.0	184.2	0.0	-16.4	0.0	0.35	0.11
103	0.3	0.0	184.2	0.0	-16.4	0.0	0.35	0.11
104	0.3	0.0	184.2	0.0	-16.4	0.0	0.35	0.11
105	0.3	0.0	184.2	0.0	-16.4	0.0	0.35	0.11
106	0.3	0.0	173.6	0.0	-16.6	0.0	0.33	0.10
107	0.3	0.0	173.6	0.0	-16.6	0.0	0.33	0.10

WEST REV1 CRL TMPCPGA.OUT.txt

108	0.3	0.0	173.6	0.0	-16.6	0.0	0.33	0.10
109	0.3	0.0	173.6	0.0	-16.6	0.0	0.33	0.10
110	0.3	0.0	173.6	0.0	-16.6	0.0	0.33	0.10
111	0.3	0.0	162.9	0.0	-16.7	0.0	0.31	0.10
112	0.3	0.0	162.9	0.0	-16.7	0.0	0.31	0.10
113	0.3	0.0	162.9	0.0	-16.7	0.0	0.31	0.10
114	0.3	0.0	162.9	0.0	-16.7	0.0	0.31	0.10
115	0.3	0.0	162.9	0.0	-16.7	0.0	0.31	0.10
116	0.3	0.0	152.2	0.0	-16.9	0.0	0.29	0.09
117	0.3	0.0	152.2	0.0	-16.9	0.0	0.29	0.09
118	0.3	0.0	152.2	0.0	-16.9	0.0	0.29	0.09
119	0.3	0.0	152.2	0.0	-16.9	0.0	0.29	0.09
120	0.3	0.0	152.2	0.0	-16.9	0.0	0.29	0.09
121	-0.3	0.0	140.9	0.0	20.9	0.0	0.27	0.08
122	-0.3	0.0	140.9	0.0	20.9	0.0	0.27	0.08
123	-0.3	0.0	140.9	0.0	20.9	0.0	0.27	0.08
124	-0.3	0.0	140.9	0.0	20.9	0.0	0.27	0.08
125	-0.3	0.0	140.9	0.0	20.9	0.0	0.27	0.08
126	-0.3	0.0	140.9	0.0	20.9	0.0	0.27	0.08
127	-0.3	0.0	140.9	0.0	20.9	0.0	0.27	0.08
128	-0.3	0.0	119.5	0.0	20.6	0.0	0.23	0.07
129	-0.3	0.0	119.5	0.0	20.6	0.0	0.23	0.07
130	-0.3	0.0	119.5	0.0	20.6	0.0	0.23	0.07
131	-0.3	0.0	119.5	0.0	20.6	0.0	0.23	0.07
132	-0.3	0.0	119.5	0.0	20.6	0.0	0.23	0.07
133	-0.3	0.0	119.5	0.0	20.6	0.0	0.23	0.07
134	-0.3	0.0	119.5	0.0	20.6	0.0	0.23	0.07
135	-0.3	0.0	98.2	0.0	20.3	0.0	0.19	0.06
136	-0.3	0.0	98.2	0.0	20.3	0.0	0.19	0.06
137	-0.3	0.0	98.2	0.0	20.3	0.0	0.19	0.06
138	-0.3	0.0	98.2	0.0	20.3	0.0	0.19	0.06
139	-0.3	0.0	98.2	0.0	20.3	0.0	0.19	0.06
140	-0.3	0.0	98.2	0.0	20.3	0.0	0.19	0.06
141	-0.3	0.0	98.2	0.0	20.3	0.0	0.19	0.06
142	0.2	0.0	237.6	0.0	-15.7	0.0	0.45	0.14
143	0.2	0.0	237.6	0.0	-15.7	0.0	0.45	0.14
144	0.2	0.0	237.6	0.0	-15.7	0.0	0.45	0.14
145	0.2	0.0	237.6	0.0	-15.7	0.0	0.45	0.14
146	0.2	0.0	237.6	0.0	-15.7	0.0	0.45	0.14
147	0.2	0.0	237.6	0.0	-15.7	0.0	0.45	0.14
148	0.2	0.0	237.6	0.0	-15.7	0.0	0.45	0.14
149	0.3	0.0	216.3	0.0	-16.0	0.0	0.41	0.13
150	0.3	0.0	216.3	0.0	-16.0	0.0	0.41	0.13
151	0.3	0.0	216.3	0.0	-16.0	0.0	0.41	0.13
152	0.3	0.0	216.3	0.0	-16.0	0.0	0.41	0.13
153	0.3	0.0	216.3	0.0	-16.0	0.0	0.41	0.13
154	0.3	0.0	216.3	0.0	-16.0	0.0	0.41	0.13
155	0.3	0.0	216.3	0.0	-16.0	0.0	0.41	0.13

WEST REV1 CRL TMPCPGA.OUT.txt

156	0.3	0.0	194.9	0.0	-16.3	0.0	0.37	0.11
157	0.3	0.0	194.9	0.0	-16.3	0.0	0.37	0.11
158	0.3	0.0	194.9	0.0	-16.3	0.0	0.37	0.11
159	0.3	0.0	194.9	0.0	-16.3	0.0	0.37	0.11
160	0.3	0.0	194.9	0.0	-16.3	0.0	0.37	0.11
161	0.3	0.0	194.9	0.0	-16.3	0.0	0.37	0.11
162	0.3	0.0	194.9	0.0	-16.3	0.0	0.37	0.11
163	0.3	0.0	173.6	0.0	-16.6	0.0	0.33	0.10
164	0.3	0.0	173.6	0.0	-16.6	0.0	0.33	0.10
165	0.3	0.0	173.6	0.0	-16.6	0.0	0.33	0.10
166	0.3	0.0	173.6	0.0	-16.6	0.0	0.33	0.10
167	0.3	0.0	173.6	0.0	-16.6	0.0	0.33	0.10
168	0.3	0.0	173.6	0.0	-16.6	0.0	0.33	0.10
169	0.3	0.0	173.6	0.0	-16.6	0.0	0.33	0.10
170	0.3	0.0	152.2	0.0	-16.9	0.0	0.29	0.09
171	0.3	0.0	152.2	0.0	-16.9	0.0	0.29	0.09
172	0.3	0.0	152.2	0.0	-16.9	0.0	0.29	0.09
173	0.3	0.0	152.2	0.0	-16.9	0.0	0.29	0.09
174	0.3	0.0	152.2	0.0	-16.9	0.0	0.29	0.09
175	0.3	0.0	152.2	0.0	-16.9	0.0	0.29	0.09
176	0.3	0.0	152.2	0.0	-16.9	0.0	0.29	0.09
177	-0.3	0.0	130.2	0.0	20.8	0.0	0.25	0.08
178	-0.3	0.0	120.1	0.0	20.6	0.0	0.23	0.07
179	-0.3	0.0	109.4	0.0	20.5	0.0	0.21	0.06
180	-0.3	0.0	98.8	0.0	20.3	0.0	0.19	0.06
181	0.2	0.0	238.2	0.0	-15.7	0.0	0.45	0.14
182	0.3	0.0	216.8	0.0	-16.0	0.0	0.41	0.13
183	0.3	0.0	195.5	0.0	-16.3	0.0	0.37	0.11
184	0.3	0.0	184.8	0.0	-16.4	0.0	0.35	0.11
185	0.3	0.0	174.1	0.0	-16.6	0.0	0.33	0.10
186	0.3	0.0	163.5	0.0	-16.7	0.0	0.31	0.10
187	-0.3	0.0	120.1	0.0	20.6	0.0	0.23	0.07
188	-0.3	0.0	109.4	0.0	20.5	0.0	0.21	0.06
189	-0.3	0.0	98.8	0.0	20.3	0.0	0.19	0.06
190	0.2	0.0	238.2	0.0	-15.7	0.0	0.45	0.14
191	0.3	0.0	216.8	0.0	-16.0	0.0	0.41	0.13
192	0.3	0.0	195.5	0.0	-16.3	0.0	0.37	0.11
193	0.3	0.0	184.8	0.0	-16.4	0.0	0.35	0.11
194	0.3	0.0	174.1	0.0	-16.6	0.0	0.33	0.10
195	0.3	0.0	163.5	0.0	-16.7	0.0	0.31	0.10
196	-0.3	0.0	130.2	0.0	20.8	0.0	0.25	0.08
197	-0.3	0.0	120.1	0.0	20.6	0.0	0.23	0.07
198	-0.3	0.0	109.4	0.0	20.5	0.0	0.21	0.06
199	-0.3	0.0	98.8	0.0	20.3	0.0	0.19	0.06
200	0.2	0.0	238.2	0.0	-15.7	0.0	0.45	0.14
201	0.3	0.0	216.8	0.0	-16.0	0.0	0.41	0.13
202	0.3	0.0	195.5	0.0	-16.3	0.0	0.37	0.11
203	0.3	0.0	184.8	0.0	-16.4	0.0	0.35	0.11

WEST REV1 CRL TMPCPGA.OUT.txt

204	0.3	0.0	174.1	0.0	-16.6	0.0	0.33	0.10
205	0.3	0.0	163.5	0.0	-16.7	0.0	0.31	0.10
206	-0.3	0.0	120.1	0.0	20.6	0.0	0.23	0.07
207	-0.3	0.0	109.4	0.0	20.5	0.0	0.21	0.06
208	-0.3	0.0	98.8	0.0	20.3	0.0	0.19	0.06
209	0.2	0.0	238.2	0.0	-15.7	0.0	0.45	0.14
210	0.3	0.0	216.8	0.0	-16.0	0.0	0.41	0.13
211	0.3	0.0	195.5	0.0	-16.3	0.0	0.37	0.11
212	0.3	0.0	184.8	0.0	-16.4	0.0	0.35	0.11
213	0.3	0.0	174.1	0.0	-16.6	0.0	0.33	0.10
214	0.3	0.0	163.5	0.0	-16.7	0.0	0.31	0.10
215	-0.3	0.0	108.9	0.0	20.5	0.0	0.21	0.06
216	-0.3	0.0	98.2	0.0	20.3	0.0	0.19	0.06
217	-0.3	0.0	98.2	0.0	20.3	0.0	0.19	0.06
218	0.3	0.0	173.6	0.0	-16.6	0.0	0.33	0.10
219	0.2	0.0	237.6	0.0	-15.7	0.0	0.45	0.14
220	0.3	0.0	216.3	0.0	-16.0	0.0	0.41	0.13
221	0.3	0.0	194.9	0.0	-16.3	0.0	0.37	0.11
222	0.3	0.0	184.2	0.0	-16.4	0.0	0.35	0.11
223	0.2	0.0	237.6	0.0	-15.7	0.0	0.45	0.14
224	0.3	0.0	216.3	0.0	-16.0	0.0	0.41	0.13
225	0.3	0.0	194.9	0.0	-16.3	0.0	0.37	0.11
226	0.3	0.0	184.2	0.0	-16.4	0.0	0.35	0.11
227	0.2	0.0	237.6	0.0	-15.7	0.0	0.45	0.14
228	0.3	0.0	216.3	0.0	-16.0	0.0	0.41	0.13
229	0.3	0.0	194.9	0.0	-16.3	0.0	0.37	0.11
230	0.3	0.0	184.2	0.0	-16.4	0.0	0.35	0.11
231	-0.3	0.0	108.9	0.0	20.5	0.0	0.21	0.06
232	-0.3	0.0	98.2	0.0	20.3	0.0	0.19	0.06
233	-0.3	0.0	98.2	0.0	20.3	0.0	0.19	0.06
234	0.3	0.0	173.6	0.0	-16.6	0.0	0.33	0.10
235	0.2	0.0	237.6	0.0	-15.7	0.0	0.45	0.14
236	0.3	0.0	216.3	0.0	-16.0	0.0	0.41	0.13
237	0.3	0.0	194.9	0.0	-16.3	0.0	0.37	0.11
238	0.3	0.0	184.2	0.0	-16.4	0.0	0.35	0.11
239	0.2	0.0	237.6	0.0	-15.7	0.0	0.45	0.14
240	0.3	0.0	216.3	0.0	-16.0	0.0	0.41	0.13
241	0.3	0.0	194.9	0.0	-16.3	0.0	0.37	0.11
242	0.3	0.0	184.2	0.0	-16.4	0.0	0.35	0.11
243	0.2	0.0	237.6	0.0	-15.7	0.0	0.45	0.14
244	0.3	0.0	216.3	0.0	-16.0	0.0	0.41	0.13
245	0.3	0.0	194.9	0.0	-16.3	0.0	0.37	0.11
246	0.3	0.0	184.2	0.0	-16.4	0.0	0.35	0.11

LOAD CASE - 5

PILE F1 F2 F3 M1 M2 M3 ALF CBF

WEST REV1 CRL TMPCPGA.OUT.txt

	K	K	K	IN-K	IN-K	IN-K			
1	0.9	0.0	164.5	0.0	-59.1	0.0	0.42	0.13	
2	0.9	0.0	164.5	0.0	-59.1	0.0	0.42	0.13	
3	0.9	0.0	164.5	0.0	-59.1	0.0	0.42	0.13	
4	0.9	0.0	164.5	0.0	-59.1	0.0	0.42	0.13	
5	0.9	0.0	164.5	0.0	-59.1	0.0	0.42	0.13	
6	0.9	0.0	212.0	0.0	-58.4	0.0	0.54	0.17	
7	0.9	0.0	212.0	0.0	-58.4	0.0	0.54	0.17	
8	0.9	0.0	212.0	0.0	-58.4	0.0	0.54	0.17	
9	0.9	0.0	212.0	0.0	-58.4	0.0	0.54	0.17	
10	0.9	0.0	212.0	0.0	-58.4	0.0	0.54	0.17	
11	0.9	0.0	259.5	0.0	-57.7	0.0	0.66	0.21	
12	0.9	0.0	259.5	0.0	-57.7	0.0	0.66	0.21	
13	0.9	0.0	259.5	0.0	-57.7	0.0	0.66	0.21	
14	0.9	0.0	259.5	0.0	-57.7	0.0	0.66	0.21	
15	0.9	0.0	259.5	0.0	-57.7	0.0	0.66	0.21	
16	0.9	0.0	307.0	0.0	-57.1	0.0	0.78	0.24	
17	0.9	0.0	307.0	0.0	-57.1	0.0	0.78	0.24	
18	0.9	0.0	307.0	0.0	-57.1	0.0	0.78	0.24	
19	0.9	0.0	307.0	0.0	-57.1	0.0	0.78	0.24	
20	0.9	0.0	307.0	0.0	-57.1	0.0	0.78	0.24	
21	0.9	0.0	354.4	0.0	-56.4	0.0	0.90	0.28	
22	0.9	0.0	354.4	0.0	-56.4	0.0	0.90	0.28	
23	0.9	0.0	354.4	0.0	-56.4	0.0	0.90	0.28	
24	0.9	0.0	354.4	0.0	-56.4	0.0	0.90	0.28	
25	0.9	0.0	354.4	0.0	-56.4	0.0	0.90	0.28	
26	-1.0	0.0	-70.3	0.0	60.4	0.0	0.21	0.06	
27	-1.0	0.0	-70.3	0.0	60.4	0.0	0.21	0.06	
28	-1.0	0.0	-70.3	0.0	60.4	0.0	0.21	0.06	
29	-1.0	0.0	-70.3	0.0	60.4	0.0	0.21	0.06	
30	-1.0	0.0	-70.3	0.0	60.4	0.0	0.21	0.06	
31	-1.0	0.0	24.6	0.0	61.7	0.0	0.06	0.02	
32	-1.0	0.0	24.6	0.0	61.7	0.0	0.06	0.02	
33	-1.0	0.0	24.6	0.0	61.7	0.0	0.06	0.02	
34	-1.0	0.0	24.6	0.0	61.7	0.0	0.06	0.02	
35	-1.0	0.0	24.6	0.0	61.7	0.0	0.06	0.02	
36	-1.0	0.0	119.5	0.0	63.0	0.0	0.30	0.10	
37	-1.0	0.0	119.5	0.0	63.0	0.0	0.30	0.10	
38	-1.0	0.0	119.5	0.0	63.0	0.0	0.30	0.10	
39	-1.0	0.0	119.5	0.0	63.0	0.0	0.30	0.10	
40	-1.0	0.0	119.5	0.0	63.0	0.0	0.30	0.10	
41	-1.0	0.0	167.0	0.0	63.7	0.0	0.42	0.13	
42	-1.0	0.0	167.0	0.0	63.7	0.0	0.42	0.13	
43	-1.0	0.0	167.0	0.0	63.7	0.0	0.42	0.13	
44	-1.0	0.0	167.0	0.0	63.7	0.0	0.42	0.13	
45	-1.0	0.0	167.0	0.0	63.7	0.0	0.42	0.13	
46	-1.0	0.0	214.5	0.0	64.3	0.0	0.54	0.17	

WEST REV1 CRL TMPCPGA.OUT.txt

47	-1.0	0.0	214.5	0.0	64.3	0.0	0.54	0.17
48	-1.0	0.0	214.5	0.0	64.3	0.0	0.54	0.17
49	-1.0	0.0	214.5	0.0	64.3	0.0	0.54	0.17
50	-1.0	0.0	214.5	0.0	64.3	0.0	0.54	0.17
51	-1.0	0.0	262.0	0.0	65.0	0.0	0.66	0.21
52	-1.0	0.0	262.0	0.0	65.0	0.0	0.66	0.21
53	-1.0	0.0	262.0	0.0	65.0	0.0	0.66	0.21
54	-1.0	0.0	262.0	0.0	65.0	0.0	0.66	0.21
55	-1.0	0.0	262.0	0.0	65.0	0.0	0.66	0.21
56	-1.0	0.0	309.4	0.0	65.6	0.0	0.78	0.24
57	-1.0	0.0	309.4	0.0	65.6	0.0	0.78	0.24
58	-1.0	0.0	309.4	0.0	65.6	0.0	0.78	0.24
59	-1.0	0.0	309.4	0.0	65.6	0.0	0.78	0.24
60	-1.0	0.0	309.4	0.0	65.6	0.0	0.78	0.24
61	0.9	0.0	164.5	0.0	-59.1	0.0	0.42	0.13
62	0.9	0.0	164.5	0.0	-59.1	0.0	0.42	0.13
63	0.9	0.0	164.5	0.0	-59.1	0.0	0.42	0.13
64	0.9	0.0	164.5	0.0	-59.1	0.0	0.42	0.13
65	0.9	0.0	164.5	0.0	-59.1	0.0	0.42	0.13
66	0.9	0.0	212.0	0.0	-58.4	0.0	0.54	0.17
67	0.9	0.0	212.0	0.0	-58.4	0.0	0.54	0.17
68	0.9	0.0	212.0	0.0	-58.4	0.0	0.54	0.17
69	0.9	0.0	212.0	0.0	-58.4	0.0	0.54	0.17
70	0.9	0.0	212.0	0.0	-58.4	0.0	0.54	0.17
71	0.9	0.0	259.5	0.0	-57.7	0.0	0.66	0.21
72	0.9	0.0	259.5	0.0	-57.7	0.0	0.66	0.21
73	0.9	0.0	259.5	0.0	-57.7	0.0	0.66	0.21
74	0.9	0.0	259.5	0.0	-57.7	0.0	0.66	0.21
75	0.9	0.0	259.5	0.0	-57.7	0.0	0.66	0.21
76	0.9	0.0	307.0	0.0	-57.1	0.0	0.78	0.24
77	0.9	0.0	307.0	0.0	-57.1	0.0	0.78	0.24
78	0.9	0.0	307.0	0.0	-57.1	0.0	0.78	0.24
79	0.9	0.0	307.0	0.0	-57.1	0.0	0.78	0.24
80	0.9	0.0	307.0	0.0	-57.1	0.0	0.78	0.24
81	0.9	0.0	354.4	0.0	-56.4	0.0	0.90	0.28
82	0.9	0.0	354.4	0.0	-56.4	0.0	0.90	0.28
83	0.9	0.0	354.4	0.0	-56.4	0.0	0.90	0.28
84	0.9	0.0	354.4	0.0	-56.4	0.0	0.90	0.28
85	0.9	0.0	354.4	0.0	-56.4	0.0	0.90	0.28
86	-1.0	0.0	-70.3	0.0	60.4	0.0	0.21	0.06
87	-1.0	0.0	-70.3	0.0	60.4	0.0	0.21	0.06
88	-1.0	0.0	-70.3	0.0	60.4	0.0	0.21	0.06
89	-1.0	0.0	-70.3	0.0	60.4	0.0	0.21	0.06
90	-1.0	0.0	-70.3	0.0	60.4	0.0	0.21	0.06
91	-1.0	0.0	24.6	0.0	61.7	0.0	0.06	0.02
92	-1.0	0.0	24.6	0.0	61.7	0.0	0.06	0.02
93	-1.0	0.0	24.6	0.0	61.7	0.0	0.06	0.02
94	-1.0	0.0	24.6	0.0	61.7	0.0	0.06	0.02

WEST REV1 CRL TMPCPGA.OUT.txt

95	-1.0	0.0	24.6	0.0	61.7	0.0	0.06	0.02
96	-1.0	0.0	119.5	0.0	63.0	0.0	0.30	0.10
97	-1.0	0.0	119.5	0.0	63.0	0.0	0.30	0.10
98	-1.0	0.0	119.5	0.0	63.0	0.0	0.30	0.10
99	-1.0	0.0	119.5	0.0	63.0	0.0	0.30	0.10
100	-1.0	0.0	119.5	0.0	63.0	0.0	0.30	0.10
101	-1.0	0.0	167.0	0.0	63.7	0.0	0.42	0.13
102	-1.0	0.0	167.0	0.0	63.7	0.0	0.42	0.13
103	-1.0	0.0	167.0	0.0	63.7	0.0	0.42	0.13
104	-1.0	0.0	167.0	0.0	63.7	0.0	0.42	0.13
105	-1.0	0.0	167.0	0.0	63.7	0.0	0.42	0.13
106	-1.0	0.0	214.5	0.0	64.3	0.0	0.54	0.17
107	-1.0	0.0	214.5	0.0	64.3	0.0	0.54	0.17
108	-1.0	0.0	214.5	0.0	64.3	0.0	0.54	0.17
109	-1.0	0.0	214.5	0.0	64.3	0.0	0.54	0.17
110	-1.0	0.0	214.5	0.0	64.3	0.0	0.54	0.17
111	-1.0	0.0	262.0	0.0	65.0	0.0	0.66	0.21
112	-1.0	0.0	262.0	0.0	65.0	0.0	0.66	0.21
113	-1.0	0.0	262.0	0.0	65.0	0.0	0.66	0.21
114	-1.0	0.0	262.0	0.0	65.0	0.0	0.66	0.21
115	-1.0	0.0	262.0	0.0	65.0	0.0	0.66	0.21
116	-1.0	0.0	309.4	0.0	65.6	0.0	0.78	0.24
117	-1.0	0.0	309.4	0.0	65.6	0.0	0.78	0.24
118	-1.0	0.0	309.4	0.0	65.6	0.0	0.78	0.24
119	-1.0	0.0	309.4	0.0	65.6	0.0	0.78	0.24
120	-1.0	0.0	309.4	0.0	65.6	0.0	0.78	0.24
121	0.9	0.0	164.5	0.0	-59.1	0.0	0.42	0.13
122	0.9	0.0	164.5	0.0	-59.1	0.0	0.42	0.13
123	0.9	0.0	164.5	0.0	-59.1	0.0	0.42	0.13
124	0.9	0.0	164.5	0.0	-59.1	0.0	0.42	0.13
125	0.9	0.0	164.5	0.0	-59.1	0.0	0.42	0.13
126	0.9	0.0	164.5	0.0	-59.1	0.0	0.42	0.13
127	0.9	0.0	164.5	0.0	-59.1	0.0	0.42	0.13
128	0.9	0.0	259.5	0.0	-57.7	0.0	0.66	0.21
129	0.9	0.0	259.5	0.0	-57.7	0.0	0.66	0.21
130	0.9	0.0	259.5	0.0	-57.7	0.0	0.66	0.21
131	0.9	0.0	259.5	0.0	-57.7	0.0	0.66	0.21
132	0.9	0.0	259.5	0.0	-57.7	0.0	0.66	0.21
133	0.9	0.0	259.5	0.0	-57.7	0.0	0.66	0.21
134	0.9	0.0	259.5	0.0	-57.7	0.0	0.66	0.21
135	0.9	0.0	354.4	0.0	-56.4	0.0	0.90	0.28
136	0.9	0.0	354.4	0.0	-56.4	0.0	0.90	0.28
137	0.9	0.0	354.4	0.0	-56.4	0.0	0.90	0.28
138	0.9	0.0	354.4	0.0	-56.4	0.0	0.90	0.28
139	0.9	0.0	354.4	0.0	-56.4	0.0	0.90	0.28
140	0.9	0.0	354.4	0.0	-56.4	0.0	0.90	0.28
141	0.9	0.0	354.4	0.0	-56.4	0.0	0.90	0.28
142	-1.0	0.0	-70.3	0.0	60.4	0.0	0.21	0.06



WEST REV1 CRL TMPCPGA.OUT.txt

143	-1.0	0.0	-70.3	0.0	60.4	0.0	0.21	0.06
144	-1.0	0.0	-70.3	0.0	60.4	0.0	0.21	0.06
145	-1.0	0.0	-70.3	0.0	60.4	0.0	0.21	0.06
146	-1.0	0.0	-70.3	0.0	60.4	0.0	0.21	0.06
147	-1.0	0.0	-70.3	0.0	60.4	0.0	0.21	0.06
148	-1.0	0.0	-70.3	0.0	60.4	0.0	0.21	0.06
149	-1.0	0.0	24.6	0.0	61.7	0.0	0.06	0.02
150	-1.0	0.0	24.6	0.0	61.7	0.0	0.06	0.02
151	-1.0	0.0	24.6	0.0	61.7	0.0	0.06	0.02
152	-1.0	0.0	24.6	0.0	61.7	0.0	0.06	0.02
153	-1.0	0.0	24.6	0.0	61.7	0.0	0.06	0.02
154	-1.0	0.0	24.6	0.0	61.7	0.0	0.06	0.02
155	-1.0	0.0	24.6	0.0	61.7	0.0	0.06	0.02
156	-1.0	0.0	119.5	0.0	63.0	0.0	0.30	0.10
157	-1.0	0.0	119.5	0.0	63.0	0.0	0.30	0.10
158	-1.0	0.0	119.5	0.0	63.0	0.0	0.30	0.10
159	-1.0	0.0	119.5	0.0	63.0	0.0	0.30	0.10
160	-1.0	0.0	119.5	0.0	63.0	0.0	0.30	0.10
161	-1.0	0.0	119.5	0.0	63.0	0.0	0.30	0.10
162	-1.0	0.0	119.5	0.0	63.0	0.0	0.30	0.10
163	-1.0	0.0	214.5	0.0	64.3	0.0	0.54	0.17
164	-1.0	0.0	214.5	0.0	64.3	0.0	0.54	0.17
165	-1.0	0.0	214.5	0.0	64.3	0.0	0.54	0.17
166	-1.0	0.0	214.5	0.0	64.3	0.0	0.54	0.17
167	-1.0	0.0	214.5	0.0	64.3	0.0	0.54	0.17
168	-1.0	0.0	214.5	0.0	64.3	0.0	0.54	0.17
169	-1.0	0.0	214.5	0.0	64.3	0.0	0.54	0.17
170	-1.0	0.0	309.4	0.0	65.6	0.0	0.78	0.24
171	-1.0	0.0	309.4	0.0	65.6	0.0	0.78	0.24
172	-1.0	0.0	309.4	0.0	65.6	0.0	0.78	0.24
173	-1.0	0.0	309.4	0.0	65.6	0.0	0.78	0.24
174	-1.0	0.0	309.4	0.0	65.6	0.0	0.78	0.24
175	-1.0	0.0	309.4	0.0	65.6	0.0	0.78	0.24
176	-1.0	0.0	309.4	0.0	65.6	0.0	0.78	0.24
177	0.9	0.0	212.0	0.0	-58.4	0.0	0.54	0.17
178	0.9	0.0	257.0	0.0	-57.8	0.0	0.65	0.20
179	0.9	0.0	304.5	0.0	-57.1	0.0	0.77	0.24
180	0.9	0.0	351.9	0.0	-56.5	0.0	0.89	0.28
181	-1.0	0.0	-72.8	0.0	60.3	0.0	0.22	0.06
182	-1.0	0.0	22.1	0.0	61.6	0.0	0.06	0.02
183	-1.0	0.0	117.1	0.0	63.0	0.0	0.30	0.10
184	-1.0	0.0	164.5	0.0	63.6	0.0	0.42	0.13
185	-1.0	0.0	212.0	0.0	64.3	0.0	0.54	0.17
186	-1.0	0.0	259.5	0.0	64.9	0.0	0.66	0.21
187	0.9	0.0	257.0	0.0	-57.8	0.0	0.65	0.20
188	0.9	0.0	304.5	0.0	-57.1	0.0	0.77	0.24
189	0.9	0.0	351.9	0.0	-56.5	0.0	0.89	0.28
190	-1.0	0.0	-72.8	0.0	60.3	0.0	0.22	0.06

WEST REV1 CRL TMPCPGA.OUT.txt

191	-1.0	0.0	22.1	0.0	61.6	0.0	0.06	0.02
192	-1.0	0.0	117.1	0.0	63.0	0.0	0.30	0.10
193	-1.0	0.0	164.5	0.0	63.6	0.0	0.42	0.13
194	-1.0	0.0	212.0	0.0	64.3	0.0	0.54	0.17
195	-1.0	0.0	259.5	0.0	64.9	0.0	0.66	0.21
196	0.9	0.0	212.0	0.0	-58.4	0.0	0.54	0.17
197	0.9	0.0	257.0	0.0	-57.8	0.0	0.65	0.20
198	0.9	0.0	304.5	0.0	-57.1	0.0	0.77	0.24
199	0.9	0.0	351.9	0.0	-56.5	0.0	0.89	0.28
200	-1.0	0.0	-72.8	0.0	60.3	0.0	0.22	0.06
201	-1.0	0.0	22.1	0.0	61.6	0.0	0.06	0.02
202	-1.0	0.0	117.1	0.0	63.0	0.0	0.30	0.10
203	-1.0	0.0	164.5	0.0	63.6	0.0	0.42	0.13
204	-1.0	0.0	212.0	0.0	64.3	0.0	0.54	0.17
205	-1.0	0.0	259.5	0.0	64.9	0.0	0.66	0.21
206	0.9	0.0	257.0	0.0	-57.8	0.0	0.65	0.20
207	0.9	0.0	304.5	0.0	-57.1	0.0	0.77	0.24
208	0.9	0.0	351.9	0.0	-56.5	0.0	0.89	0.28
209	-1.0	0.0	-72.8	0.0	60.3	0.0	0.22	0.06
210	-1.0	0.0	22.1	0.0	61.6	0.0	0.06	0.02
211	-1.0	0.0	117.1	0.0	63.0	0.0	0.30	0.10
212	-1.0	0.0	164.5	0.0	63.6	0.0	0.42	0.13
213	-1.0	0.0	212.0	0.0	64.3	0.0	0.54	0.17
214	-1.0	0.0	259.5	0.0	64.9	0.0	0.66	0.21
215	0.9	0.0	307.0	0.0	-57.1	0.0	0.78	0.24
216	0.9	0.0	354.4	0.0	-56.4	0.0	0.90	0.28
217	0.9	0.0	354.4	0.0	-56.4	0.0	0.90	0.28
218	-1.0	0.0	214.5	0.0	64.3	0.0	0.54	0.17
219	-1.0	0.0	-70.4	0.0	60.4	0.0	0.21	0.06
220	-1.0	0.0	24.6	0.0	61.7	0.0	0.06	0.02
221	-1.0	0.0	119.5	0.0	63.0	0.0	0.30	0.10
222	-1.0	0.0	167.0	0.0	63.7	0.0	0.42	0.13
223	-1.0	0.0	-70.4	0.0	60.4	0.0	0.21	0.06
224	-1.0	0.0	24.6	0.0	61.7	0.0	0.06	0.02
225	-1.0	0.0	119.5	0.0	63.0	0.0	0.30	0.10
226	-1.0	0.0	167.0	0.0	63.7	0.0	0.42	0.13
227	-1.0	0.0	-70.4	0.0	60.4	0.0	0.21	0.06
228	-1.0	0.0	24.6	0.0	61.7	0.0	0.06	0.02
229	-1.0	0.0	119.5	0.0	63.0	0.0	0.30	0.10
230	-1.0	0.0	167.0	0.0	63.7	0.0	0.42	0.13
231	0.9	0.0	307.0	0.0	-57.1	0.0	0.78	0.24
232	0.9	0.0	354.4	0.0	-56.4	0.0	0.90	0.28
233	0.9	0.0	354.4	0.0	-56.4	0.0	0.90	0.28
234	-1.0	0.0	214.5	0.0	64.3	0.0	0.54	0.17
235	-1.0	0.0	-70.4	0.0	60.4	0.0	0.21	0.06
236	-1.0	0.0	24.6	0.0	61.7	0.0	0.06	0.02
237	-1.0	0.0	119.5	0.0	63.0	0.0	0.30	0.10
238	-1.0	0.0	167.0	0.0	63.7	0.0	0.42	0.13

WEST REV1 CRL TMPCPGA.OUT.txt

239	-1.0	0.0	-70.4	0.0	60.4	0.0	0.21	0.06
240	-1.0	0.0	24.6	0.0	61.7	0.0	0.06	0.02
241	-1.0	0.0	119.5	0.0	63.0	0.0	0.30	0.10
242	-1.0	0.0	167.0	0.0	63.7	0.0	0.42	0.13
243	-1.0	0.0	-70.4	0.0	60.4	0.0	0.21	0.06
244	-1.0	0.0	24.6	0.0	61.7	0.0	0.06	0.02
245	-1.0	0.0	119.5	0.0	63.0	0.0	0.30	0.10
246	-1.0	0.0	167.0	0.0	63.7	0.0	0.42	0.13

LOAD CASE - 6

PILE	F1 K	F2 K	F3 K	M1 IN-K	M2 IN-K	M3 IN-K	ALF	CBF
1	1.0	0.0	164.9	0.0	-61.8	0.0	0.31	0.10
2	1.0	0.0	164.9	0.0	-61.8	0.0	0.31	0.10
3	1.0	0.0	164.9	0.0	-61.8	0.0	0.31	0.10
4	1.0	0.0	164.9	0.0	-61.8	0.0	0.31	0.10
5	1.0	0.0	164.9	0.0	-61.8	0.0	0.31	0.10
6	1.0	0.0	214.3	0.0	-61.1	0.0	0.41	0.13
7	1.0	0.0	214.3	0.0	-61.1	0.0	0.41	0.13
8	1.0	0.0	214.3	0.0	-61.1	0.0	0.41	0.13
9	1.0	0.0	214.3	0.0	-61.1	0.0	0.41	0.13
10	1.0	0.0	214.3	0.0	-61.1	0.0	0.41	0.13
11	1.0	0.0	263.8	0.0	-60.4	0.0	0.50	0.16
12	1.0	0.0	263.8	0.0	-60.4	0.0	0.50	0.16
13	1.0	0.0	263.8	0.0	-60.4	0.0	0.50	0.16
14	1.0	0.0	263.8	0.0	-60.4	0.0	0.50	0.16
15	1.0	0.0	263.8	0.0	-60.4	0.0	0.50	0.16
16	0.9	0.0	313.2	0.0	-59.7	0.0	0.60	0.19
17	0.9	0.0	313.2	0.0	-59.7	0.0	0.60	0.19
18	0.9	0.0	313.2	0.0	-59.7	0.0	0.60	0.19
19	0.9	0.0	313.2	0.0	-59.7	0.0	0.60	0.19
20	0.9	0.0	313.2	0.0	-59.7	0.0	0.60	0.19
21	0.9	0.0	362.7	0.0	-59.0	0.0	0.69	0.21
22	0.9	0.0	362.7	0.0	-59.0	0.0	0.69	0.21
23	0.9	0.0	362.7	0.0	-59.0	0.0	0.69	0.21
24	0.9	0.0	362.7	0.0	-59.0	0.0	0.69	0.21
25	0.9	0.0	362.7	0.0	-59.0	0.0	0.69	0.21
26	-1.0	0.0	-81.2	0.0	62.9	0.0	0.18	0.05
27	-1.0	0.0	-81.2	0.0	62.9	0.0	0.18	0.05
28	-1.0	0.0	-81.2	0.0	62.9	0.0	0.18	0.05
29	-1.0	0.0	-81.2	0.0	62.9	0.0	0.18	0.05
30	-1.0	0.0	-81.2	0.0	62.9	0.0	0.18	0.05
31	-1.0	0.0	17.7	0.0	64.3	0.0	0.03	0.01
32	-1.0	0.0	17.7	0.0	64.3	0.0	0.03	0.01
33	-1.0	0.0	17.7	0.0	64.3	0.0	0.03	0.01

WEST REV1 CRL TMPCPGA.OUT.txt

34	-1.0	0.0	17.7	0.0	64.3	0.0	0.03	0.01
35	-1.0	0.0	17.7	0.0	64.3	0.0	0.03	0.01
36	-1.0	0.0	116.6	0.0	65.7	0.0	0.22	0.07
37	-1.0	0.0	116.6	0.0	65.7	0.0	0.22	0.07
38	-1.0	0.0	116.6	0.0	65.7	0.0	0.22	0.07
39	-1.0	0.0	116.6	0.0	65.7	0.0	0.22	0.07
40	-1.0	0.0	116.6	0.0	65.7	0.0	0.22	0.07
41	-1.1	0.0	166.1	0.0	66.4	0.0	0.32	0.10
42	-1.1	0.0	166.1	0.0	66.4	0.0	0.32	0.10
43	-1.1	0.0	166.1	0.0	66.4	0.0	0.32	0.10
44	-1.1	0.0	166.1	0.0	66.4	0.0	0.32	0.10
45	-1.1	0.0	166.1	0.0	66.4	0.0	0.32	0.10
46	-1.1	0.0	215.5	0.0	67.0	0.0	0.41	0.13
47	-1.1	0.0	215.5	0.0	67.0	0.0	0.41	0.13
48	-1.1	0.0	215.5	0.0	67.0	0.0	0.41	0.13
49	-1.1	0.0	215.5	0.0	67.0	0.0	0.41	0.13
50	-1.1	0.0	215.5	0.0	67.0	0.0	0.41	0.13
51	-1.1	0.0	265.0	0.0	67.7	0.0	0.50	0.16
52	-1.1	0.0	265.0	0.0	67.7	0.0	0.50	0.16
53	-1.1	0.0	265.0	0.0	67.7	0.0	0.50	0.16
54	-1.1	0.0	265.0	0.0	67.7	0.0	0.50	0.16
55	-1.1	0.0	265.0	0.0	67.7	0.0	0.50	0.16
56	-1.1	0.0	314.4	0.0	68.4	0.0	0.60	0.19
57	-1.1	0.0	314.4	0.0	68.4	0.0	0.60	0.19
58	-1.1	0.0	314.4	0.0	68.4	0.0	0.60	0.19
59	-1.1	0.0	314.4	0.0	68.4	0.0	0.60	0.19
60	-1.1	0.0	314.4	0.0	68.4	0.0	0.60	0.19
61	1.0	0.0	164.9	0.0	-61.8	0.0	0.31	0.10
62	1.0	0.0	164.9	0.0	-61.8	0.0	0.31	0.10
63	1.0	0.0	164.9	0.0	-61.8	0.0	0.31	0.10
64	1.0	0.0	164.9	0.0	-61.8	0.0	0.31	0.10
65	1.0	0.0	164.9	0.0	-61.8	0.0	0.31	0.10
66	1.0	0.0	214.3	0.0	-61.1	0.0	0.41	0.13
67	1.0	0.0	214.3	0.0	-61.1	0.0	0.41	0.13
68	1.0	0.0	214.3	0.0	-61.1	0.0	0.41	0.13
69	1.0	0.0	214.3	0.0	-61.1	0.0	0.41	0.13
70	1.0	0.0	214.3	0.0	-61.1	0.0	0.41	0.13
71	1.0	0.0	263.8	0.0	-60.4	0.0	0.50	0.16
72	1.0	0.0	263.8	0.0	-60.4	0.0	0.50	0.16
73	1.0	0.0	263.8	0.0	-60.4	0.0	0.50	0.16
74	1.0	0.0	263.8	0.0	-60.4	0.0	0.50	0.16
75	1.0	0.0	263.8	0.0	-60.4	0.0	0.50	0.16
76	0.9	0.0	313.2	0.0	-59.7	0.0	0.60	0.19
77	0.9	0.0	313.2	0.0	-59.7	0.0	0.60	0.19
78	0.9	0.0	313.2	0.0	-59.7	0.0	0.60	0.19
79	0.9	0.0	313.2	0.0	-59.7	0.0	0.60	0.19
80	0.9	0.0	313.2	0.0	-59.7	0.0	0.60	0.19
81	0.9	0.0	362.7	0.0	-59.0	0.0	0.69	0.21

WEST REV1 CRL TMPCPGA.OUT.txt

82	0.9	0.0	362.7	0.0	-59.0	0.0	0.69	0.21
83	0.9	0.0	362.7	0.0	-59.0	0.0	0.69	0.21
84	0.9	0.0	362.7	0.0	-59.0	0.0	0.69	0.21
85	0.9	0.0	362.7	0.0	-59.0	0.0	0.69	0.21
86	-1.0	0.0	-81.2	0.0	62.9	0.0	0.18	0.05
87	-1.0	0.0	-81.2	0.0	62.9	0.0	0.18	0.05
88	-1.0	0.0	-81.2	0.0	62.9	0.0	0.18	0.05
89	-1.0	0.0	-81.2	0.0	62.9	0.0	0.18	0.05
90	-1.0	0.0	-81.2	0.0	62.9	0.0	0.18	0.05
91	-1.0	0.0	17.7	0.0	64.3	0.0	0.03	0.01
92	-1.0	0.0	17.7	0.0	64.3	0.0	0.03	0.01
93	-1.0	0.0	17.7	0.0	64.3	0.0	0.03	0.01
94	-1.0	0.0	17.7	0.0	64.3	0.0	0.03	0.01
95	-1.0	0.0	17.7	0.0	64.3	0.0	0.03	0.01
96	-1.0	0.0	116.6	0.0	65.7	0.0	0.22	0.07
97	-1.0	0.0	116.6	0.0	65.7	0.0	0.22	0.07
98	-1.0	0.0	116.6	0.0	65.7	0.0	0.22	0.07
99	-1.0	0.0	116.6	0.0	65.7	0.0	0.22	0.07
100	-1.0	0.0	116.6	0.0	65.7	0.0	0.22	0.07
101	-1.1	0.0	166.1	0.0	66.4	0.0	0.32	0.10
102	-1.1	0.0	166.1	0.0	66.4	0.0	0.32	0.10
103	-1.1	0.0	166.1	0.0	66.4	0.0	0.32	0.10
104	-1.1	0.0	166.1	0.0	66.4	0.0	0.32	0.10
105	-1.1	0.0	166.1	0.0	66.4	0.0	0.32	0.10
106	-1.1	0.0	215.5	0.0	67.0	0.0	0.41	0.13
107	-1.1	0.0	215.5	0.0	67.0	0.0	0.41	0.13
108	-1.1	0.0	215.5	0.0	67.0	0.0	0.41	0.13
109	-1.1	0.0	215.5	0.0	67.0	0.0	0.41	0.13
110	-1.1	0.0	215.5	0.0	67.0	0.0	0.41	0.13
111	-1.1	0.0	265.0	0.0	67.7	0.0	0.50	0.16
112	-1.1	0.0	265.0	0.0	67.7	0.0	0.50	0.16
113	-1.1	0.0	265.0	0.0	67.7	0.0	0.50	0.16
114	-1.1	0.0	265.0	0.0	67.7	0.0	0.50	0.16
115	-1.1	0.0	265.0	0.0	67.7	0.0	0.50	0.16
116	-1.1	0.0	314.4	0.0	68.4	0.0	0.60	0.19
117	-1.1	0.0	314.4	0.0	68.4	0.0	0.60	0.19
118	-1.1	0.0	314.4	0.0	68.4	0.0	0.60	0.19
119	-1.1	0.0	314.4	0.0	68.4	0.0	0.60	0.19
120	-1.1	0.0	314.4	0.0	68.4	0.0	0.60	0.19
121	1.0	0.0	164.9	0.0	-61.8	0.0	0.31	0.10
122	1.0	0.0	164.9	0.0	-61.8	0.0	0.31	0.10
123	1.0	0.0	164.9	0.0	-61.8	0.0	0.31	0.10
124	1.0	0.0	164.9	0.0	-61.8	0.0	0.31	0.10
125	1.0	0.0	164.9	0.0	-61.8	0.0	0.31	0.10
126	1.0	0.0	164.9	0.0	-61.8	0.0	0.31	0.10
127	1.0	0.0	164.9	0.0	-61.8	0.0	0.31	0.10
128	1.0	0.0	263.8	0.0	-60.4	0.0	0.50	0.16
129	1.0	0.0	263.8	0.0	-60.4	0.0	0.50	0.16

WEST REV1 CRL TMPCPGA.OUT.txt

130	1.0	0.0	263.8	0.0	-60.4	0.0	0.50	0.16
131	1.0	0.0	263.8	0.0	-60.4	0.0	0.50	0.16
132	1.0	0.0	263.8	0.0	-60.4	0.0	0.50	0.16
133	1.0	0.0	263.8	0.0	-60.4	0.0	0.50	0.16
134	1.0	0.0	263.8	0.0	-60.4	0.0	0.50	0.16
135	0.9	0.0	362.7	0.0	-59.0	0.0	0.69	0.21
136	0.9	0.0	362.7	0.0	-59.0	0.0	0.69	0.21
137	0.9	0.0	362.7	0.0	-59.0	0.0	0.69	0.21
138	0.9	0.0	362.7	0.0	-59.0	0.0	0.69	0.21
139	0.9	0.0	362.7	0.0	-59.0	0.0	0.69	0.21
140	0.9	0.0	362.7	0.0	-59.0	0.0	0.69	0.21
141	0.9	0.0	362.7	0.0	-59.0	0.0	0.69	0.21
142	-1.0	0.0	-81.2	0.0	62.9	0.0	0.18	0.05
143	-1.0	0.0	-81.2	0.0	62.9	0.0	0.18	0.05
144	-1.0	0.0	-81.2	0.0	62.9	0.0	0.18	0.05
145	-1.0	0.0	-81.2	0.0	62.9	0.0	0.18	0.05
146	-1.0	0.0	-81.2	0.0	62.9	0.0	0.18	0.05
147	-1.0	0.0	-81.2	0.0	62.9	0.0	0.18	0.05
148	-1.0	0.0	-81.2	0.0	62.9	0.0	0.18	0.05
149	-1.0	0.0	17.7	0.0	64.3	0.0	0.03	0.01
150	-1.0	0.0	17.7	0.0	64.3	0.0	0.03	0.01
151	-1.0	0.0	17.7	0.0	64.3	0.0	0.03	0.01
152	-1.0	0.0	17.7	0.0	64.3	0.0	0.03	0.01
153	-1.0	0.0	17.7	0.0	64.3	0.0	0.03	0.01
154	-1.0	0.0	17.7	0.0	64.3	0.0	0.03	0.01
155	-1.0	0.0	17.7	0.0	64.3	0.0	0.03	0.01
156	-1.0	0.0	116.6	0.0	65.7	0.0	0.22	0.07
157	-1.0	0.0	116.6	0.0	65.7	0.0	0.22	0.07
158	-1.0	0.0	116.6	0.0	65.7	0.0	0.22	0.07
159	-1.0	0.0	116.6	0.0	65.7	0.0	0.22	0.07
160	-1.0	0.0	116.6	0.0	65.7	0.0	0.22	0.07
161	-1.0	0.0	116.6	0.0	65.7	0.0	0.22	0.07
162	-1.0	0.0	116.6	0.0	65.7	0.0	0.22	0.07
163	-1.1	0.0	215.5	0.0	67.0	0.0	0.41	0.13
164	-1.1	0.0	215.5	0.0	67.0	0.0	0.41	0.13
165	-1.1	0.0	215.5	0.0	67.0	0.0	0.41	0.13
166	-1.1	0.0	215.5	0.0	67.0	0.0	0.41	0.13
167	-1.1	0.0	215.5	0.0	67.0	0.0	0.41	0.13
168	-1.1	0.0	215.5	0.0	67.0	0.0	0.41	0.13
169	-1.1	0.0	215.5	0.0	67.0	0.0	0.41	0.13
170	-1.1	0.0	314.4	0.0	68.4	0.0	0.60	0.19
171	-1.1	0.0	314.4	0.0	68.4	0.0	0.60	0.19
172	-1.1	0.0	314.4	0.0	68.4	0.0	0.60	0.19
173	-1.1	0.0	314.4	0.0	68.4	0.0	0.60	0.19
174	-1.1	0.0	314.4	0.0	68.4	0.0	0.60	0.19
175	-1.1	0.0	314.4	0.0	68.4	0.0	0.60	0.19
176	-1.1	0.0	314.4	0.0	68.4	0.0	0.60	0.19
177	1.0	0.0	214.3	0.0	-61.1	0.0	0.41	0.13

WEST REV1 CRL TMPCPGA.OUT.txt

178	1.0	0.0	261.2	0.0	-60.4	0.0	0.50	0.16
179	0.9	0.0	310.6	0.0	-59.7	0.0	0.59	0.18
180	0.9	0.0	360.1	0.0	-59.1	0.0	0.69	0.21
181	-1.0	0.0	-83.8	0.0	62.9	0.0	0.19	0.05
182	-1.0	0.0	15.1	0.0	64.3	0.0	0.03	0.01
183	-1.0	0.0	114.0	0.0	65.6	0.0	0.22	0.07
184	-1.1	0.0	163.5	0.0	66.3	0.0	0.31	0.10
185	-1.1	0.0	212.9	0.0	67.0	0.0	0.41	0.13
186	-1.1	0.0	262.4	0.0	67.7	0.0	0.50	0.16
187	1.0	0.0	261.2	0.0	-60.4	0.0	0.50	0.16
188	0.9	0.0	310.6	0.0	-59.7	0.0	0.59	0.18
189	0.9	0.0	360.1	0.0	-59.1	0.0	0.69	0.21
190	-1.0	0.0	-83.8	0.0	62.9	0.0	0.19	0.05
191	-1.0	0.0	15.1	0.0	64.3	0.0	0.03	0.01
192	-1.0	0.0	114.0	0.0	65.6	0.0	0.22	0.07
193	-1.1	0.0	163.5	0.0	66.3	0.0	0.31	0.10
194	-1.1	0.0	212.9	0.0	67.0	0.0	0.41	0.13
195	-1.1	0.0	262.4	0.0	67.7	0.0	0.50	0.16
196	1.0	0.0	214.3	0.0	-61.1	0.0	0.41	0.13
197	1.0	0.0	261.2	0.0	-60.4	0.0	0.50	0.16
198	0.9	0.0	310.6	0.0	-59.7	0.0	0.59	0.18
199	0.9	0.0	360.1	0.0	-59.1	0.0	0.69	0.21
200	-1.0	0.0	-83.8	0.0	62.9	0.0	0.19	0.05
201	-1.0	0.0	15.1	0.0	64.3	0.0	0.03	0.01
202	-1.0	0.0	114.0	0.0	65.6	0.0	0.22	0.07
203	-1.1	0.0	163.5	0.0	66.3	0.0	0.31	0.10
204	-1.1	0.0	212.9	0.0	67.0	0.0	0.41	0.13
205	-1.1	0.0	262.4	0.0	67.7	0.0	0.50	0.16
206	1.0	0.0	261.2	0.0	-60.4	0.0	0.50	0.16
207	0.9	0.0	310.6	0.0	-59.7	0.0	0.59	0.18
208	0.9	0.0	360.1	0.0	-59.1	0.0	0.69	0.21
209	-1.0	0.0	-83.8	0.0	62.9	0.0	0.19	0.05
210	-1.0	0.0	15.1	0.0	64.3	0.0	0.03	0.01
211	-1.0	0.0	114.0	0.0	65.6	0.0	0.22	0.07
212	-1.1	0.0	163.5	0.0	66.3	0.0	0.31	0.10
213	-1.1	0.0	212.9	0.0	67.0	0.0	0.41	0.13
214	-1.1	0.0	262.4	0.0	67.7	0.0	0.50	0.16
215	0.9	0.0	313.2	0.0	-59.7	0.0	0.60	0.19
216	0.9	0.0	362.7	0.0	-59.0	0.0	0.69	0.21
217	0.9	0.0	362.7	0.0	-59.0	0.0	0.69	0.21
218	-1.1	0.0	215.5	0.0	67.0	0.0	0.41	0.13
219	-1.0	0.0	-81.2	0.0	62.9	0.0	0.18	0.05
220	-1.0	0.0	17.7	0.0	64.3	0.0	0.03	0.01
221	-1.0	0.0	116.6	0.0	65.7	0.0	0.22	0.07
222	-1.1	0.0	166.1	0.0	66.4	0.0	0.32	0.10
223	-1.0	0.0	-81.2	0.0	62.9	0.0	0.18	0.05
224	-1.0	0.0	17.7	0.0	64.3	0.0	0.03	0.01
225	-1.0	0.0	116.6	0.0	65.7	0.0	0.22	0.07

WEST REV1 CRL TMPCPGA.OUT.txt

226	-1.1	0.0	166.1	0.0	66.4	0.0	0.32	0.10
227	-1.0	0.0	-81.2	0.0	62.9	0.0	0.18	0.05
228	-1.0	0.0	17.7	0.0	64.3	0.0	0.03	0.01
229	-1.0	0.0	116.6	0.0	65.7	0.0	0.22	0.07
230	-1.1	0.0	166.1	0.0	66.4	0.0	0.32	0.10
231	0.9	0.0	313.2	0.0	-59.7	0.0	0.60	0.19
232	0.9	0.0	362.7	0.0	-59.0	0.0	0.69	0.21
233	0.9	0.0	362.7	0.0	-59.0	0.0	0.69	0.21
234	-1.1	0.0	215.5	0.0	67.0	0.0	0.41	0.13
235	-1.0	0.0	-81.2	0.0	62.9	0.0	0.18	0.05
236	-1.0	0.0	17.7	0.0	64.3	0.0	0.03	0.01
237	-1.0	0.0	116.6	0.0	65.7	0.0	0.22	0.07
238	-1.1	0.0	166.1	0.0	66.4	0.0	0.32	0.10
239	-1.0	0.0	-81.2	0.0	62.9	0.0	0.18	0.05
240	-1.0	0.0	17.7	0.0	64.3	0.0	0.03	0.01
241	-1.0	0.0	116.6	0.0	65.7	0.0	0.22	0.07
242	-1.1	0.0	166.1	0.0	66.4	0.0	0.32	0.10
243	-1.0	0.0	-81.2	0.0	62.9	0.0	0.18	0.05
244	-1.0	0.0	17.7	0.0	64.3	0.0	0.03	0.01
245	-1.0	0.0	116.6	0.0	65.7	0.0	0.22	0.07
246	-1.1	0.0	166.1	0.0	66.4	0.0	0.32	0.10

LOAD CASE - 7

PILE	F1 K	F2 K	F3 K	M1 IN-K	M2 IN-K	M3 IN-K	ALF	CBF
1	-0.8	0.0	133.7	0.0	48.7	0.0	0.25	0.08
2	-0.8	0.0	133.7	0.0	48.7	0.0	0.25	0.08
3	-0.8	0.0	133.7	0.0	48.7	0.0	0.25	0.08
4	-0.8	0.0	133.7	0.0	48.7	0.0	0.25	0.08
5	-0.8	0.0	133.7	0.0	48.7	0.0	0.25	0.08
6	-0.8	0.0	102.8	0.0	48.2	0.0	0.20	0.06
7	-0.8	0.0	102.8	0.0	48.2	0.0	0.20	0.06
8	-0.8	0.0	102.8	0.0	48.2	0.0	0.20	0.06
9	-0.8	0.0	102.8	0.0	48.2	0.0	0.20	0.06
10	-0.8	0.0	102.8	0.0	48.2	0.0	0.20	0.06
11	-0.8	0.0	72.0	0.0	47.8	0.0	0.14	0.05
12	-0.8	0.0	72.0	0.0	47.8	0.0	0.14	0.05
13	-0.8	0.0	72.0	0.0	47.8	0.0	0.14	0.05
14	-0.8	0.0	72.0	0.0	47.8	0.0	0.14	0.05
15	-0.8	0.0	72.0	0.0	47.8	0.0	0.14	0.05
16	-0.8	0.0	41.2	0.0	47.4	0.0	0.08	0.03
17	-0.8	0.0	41.2	0.0	47.4	0.0	0.08	0.03
18	-0.8	0.0	41.2	0.0	47.4	0.0	0.08	0.03
19	-0.8	0.0	41.2	0.0	47.4	0.0	0.08	0.03
20	-0.8	0.0	41.2	0.0	47.4	0.0	0.08	0.03



WEST REV1 CRL TMPCPGA.OUT.txt

21	-0.7	0.0	10.3	0.0	47.0	0.0	0.02	0.01
22	-0.7	0.0	10.3	0.0	47.0	0.0	0.02	0.01
23	-0.7	0.0	10.3	0.0	47.0	0.0	0.02	0.01
24	-0.7	0.0	10.3	0.0	47.0	0.0	0.02	0.01
25	-0.7	0.0	10.3	0.0	47.0	0.0	0.02	0.01
26	0.7	0.0	345.3	0.0	-42.0	0.0	0.66	0.20
27	0.7	0.0	345.3	0.0	-42.0	0.0	0.66	0.20
28	0.7	0.0	345.3	0.0	-42.0	0.0	0.66	0.20
29	0.7	0.0	345.3	0.0	-42.0	0.0	0.66	0.20
30	0.7	0.0	345.3	0.0	-42.0	0.0	0.66	0.20
31	0.7	0.0	283.6	0.0	-42.9	0.0	0.54	0.17
32	0.7	0.0	283.6	0.0	-42.9	0.0	0.54	0.17
33	0.7	0.0	283.6	0.0	-42.9	0.0	0.54	0.17
34	0.7	0.0	283.6	0.0	-42.9	0.0	0.54	0.17
35	0.7	0.0	283.6	0.0	-42.9	0.0	0.54	0.17
36	0.7	0.0	221.9	0.0	-43.7	0.0	0.42	0.13
37	0.7	0.0	221.9	0.0	-43.7	0.0	0.42	0.13
38	0.7	0.0	221.9	0.0	-43.7	0.0	0.42	0.13
39	0.7	0.0	221.9	0.0	-43.7	0.0	0.42	0.13
40	0.7	0.0	221.9	0.0	-43.7	0.0	0.42	0.13
41	0.7	0.0	191.1	0.0	-44.2	0.0	0.36	0.11
42	0.7	0.0	191.1	0.0	-44.2	0.0	0.36	0.11
43	0.7	0.0	191.1	0.0	-44.2	0.0	0.36	0.11
44	0.7	0.0	191.1	0.0	-44.2	0.0	0.36	0.11
45	0.7	0.0	191.1	0.0	-44.2	0.0	0.36	0.11
46	0.7	0.0	160.3	0.0	-44.6	0.0	0.31	0.10
47	0.7	0.0	160.3	0.0	-44.6	0.0	0.31	0.10
48	0.7	0.0	160.3	0.0	-44.6	0.0	0.31	0.10
49	0.7	0.0	160.3	0.0	-44.6	0.0	0.31	0.10
50	0.7	0.0	160.3	0.0	-44.6	0.0	0.31	0.10
51	0.7	0.0	129.4	0.0	-45.0	0.0	0.25	0.08
52	0.7	0.0	129.4	0.0	-45.0	0.0	0.25	0.08
53	0.7	0.0	129.4	0.0	-45.0	0.0	0.25	0.08
54	0.7	0.0	129.4	0.0	-45.0	0.0	0.25	0.08
55	0.7	0.0	129.4	0.0	-45.0	0.0	0.25	0.08
56	0.7	0.0	98.6	0.0	-45.5	0.0	0.19	0.06
57	0.7	0.0	98.6	0.0	-45.5	0.0	0.19	0.06
58	0.7	0.0	98.6	0.0	-45.5	0.0	0.19	0.06
59	0.7	0.0	98.6	0.0	-45.5	0.0	0.19	0.06
60	0.7	0.0	98.6	0.0	-45.5	0.0	0.19	0.06
61	-0.8	0.0	133.7	0.0	48.7	0.0	0.25	0.08
62	-0.8	0.0	133.7	0.0	48.7	0.0	0.25	0.08
63	-0.8	0.0	133.7	0.0	48.7	0.0	0.25	0.08
64	-0.8	0.0	133.7	0.0	48.7	0.0	0.25	0.08
65	-0.8	0.0	133.7	0.0	48.7	0.0	0.25	0.08
66	-0.8	0.0	102.8	0.0	48.2	0.0	0.20	0.06
67	-0.8	0.0	102.8	0.0	48.2	0.0	0.20	0.06
68	-0.8	0.0	102.8	0.0	48.2	0.0	0.20	0.06

WEST REV1 CRL TMPCPGA.OUT.txt

69	-0.8	0.0	102.8	0.0	48.2	0.0	0.20	0.06
70	-0.8	0.0	102.8	0.0	48.2	0.0	0.20	0.06
71	-0.8	0.0	72.0	0.0	47.8	0.0	0.14	0.05
72	-0.8	0.0	72.0	0.0	47.8	0.0	0.14	0.05
73	-0.8	0.0	72.0	0.0	47.8	0.0	0.14	0.05
74	-0.8	0.0	72.0	0.0	47.8	0.0	0.14	0.05
75	-0.8	0.0	72.0	0.0	47.8	0.0	0.14	0.05
76	-0.8	0.0	41.2	0.0	47.4	0.0	0.08	0.03
77	-0.8	0.0	41.2	0.0	47.4	0.0	0.08	0.03
78	-0.8	0.0	41.2	0.0	47.4	0.0	0.08	0.03
79	-0.8	0.0	41.2	0.0	47.4	0.0	0.08	0.03
80	-0.8	0.0	41.2	0.0	47.4	0.0	0.08	0.03
81	-0.7	0.0	10.3	0.0	47.0	0.0	0.02	0.01
82	-0.7	0.0	10.3	0.0	47.0	0.0	0.02	0.01
83	-0.7	0.0	10.3	0.0	47.0	0.0	0.02	0.01
84	-0.7	0.0	10.3	0.0	47.0	0.0	0.02	0.01
85	-0.7	0.0	10.3	0.0	47.0	0.0	0.02	0.01
86	0.7	0.0	345.3	0.0	-42.0	0.0	0.66	0.20
87	0.7	0.0	345.3	0.0	-42.0	0.0	0.66	0.20
88	0.7	0.0	345.3	0.0	-42.0	0.0	0.66	0.20
89	0.7	0.0	345.3	0.0	-42.0	0.0	0.66	0.20
90	0.7	0.0	345.3	0.0	-42.0	0.0	0.66	0.20
91	0.7	0.0	283.6	0.0	-42.9	0.0	0.54	0.17
92	0.7	0.0	283.6	0.0	-42.9	0.0	0.54	0.17
93	0.7	0.0	283.6	0.0	-42.9	0.0	0.54	0.17
94	0.7	0.0	283.6	0.0	-42.9	0.0	0.54	0.17
95	0.7	0.0	283.6	0.0	-42.9	0.0	0.54	0.17
96	0.7	0.0	221.9	0.0	-43.7	0.0	0.42	0.13
97	0.7	0.0	221.9	0.0	-43.7	0.0	0.42	0.13
98	0.7	0.0	221.9	0.0	-43.7	0.0	0.42	0.13
99	0.7	0.0	221.9	0.0	-43.7	0.0	0.42	0.13
100	0.7	0.0	221.9	0.0	-43.7	0.0	0.42	0.13
101	0.7	0.0	191.1	0.0	-44.2	0.0	0.36	0.11
102	0.7	0.0	191.1	0.0	-44.2	0.0	0.36	0.11
103	0.7	0.0	191.1	0.0	-44.2	0.0	0.36	0.11
104	0.7	0.0	191.1	0.0	-44.2	0.0	0.36	0.11
105	0.7	0.0	191.1	0.0	-44.2	0.0	0.36	0.11
106	0.7	0.0	160.3	0.0	-44.6	0.0	0.31	0.10
107	0.7	0.0	160.3	0.0	-44.6	0.0	0.31	0.10
108	0.7	0.0	160.3	0.0	-44.6	0.0	0.31	0.10
109	0.7	0.0	160.3	0.0	-44.6	0.0	0.31	0.10
110	0.7	0.0	160.3	0.0	-44.6	0.0	0.31	0.10
111	0.7	0.0	129.4	0.0	-45.0	0.0	0.25	0.08
112	0.7	0.0	129.4	0.0	-45.0	0.0	0.25	0.08
113	0.7	0.0	129.4	0.0	-45.0	0.0	0.25	0.08
114	0.7	0.0	129.4	0.0	-45.0	0.0	0.25	0.08
115	0.7	0.0	129.4	0.0	-45.0	0.0	0.25	0.08
116	0.7	0.0	98.6	0.0	-45.5	0.0	0.19	0.06

WEST REV1 CRL TMPCPGA.OUT.txt

117	0.7	0.0	98.6	0.0	-45.5	0.0	0.19	0.06
118	0.7	0.0	98.6	0.0	-45.5	0.0	0.19	0.06
119	0.7	0.0	98.6	0.0	-45.5	0.0	0.19	0.06
120	0.7	0.0	98.6	0.0	-45.5	0.0	0.19	0.06
121	-0.8	0.0	133.7	0.0	48.7	0.0	0.25	0.08
122	-0.8	0.0	133.7	0.0	48.7	0.0	0.25	0.08
123	-0.8	0.0	133.7	0.0	48.7	0.0	0.25	0.08
124	-0.8	0.0	133.7	0.0	48.7	0.0	0.25	0.08
125	-0.8	0.0	133.7	0.0	48.7	0.0	0.25	0.08
126	-0.8	0.0	133.7	0.0	48.7	0.0	0.25	0.08
127	-0.8	0.0	133.7	0.0	48.7	0.0	0.25	0.08
128	-0.8	0.0	72.0	0.0	47.8	0.0	0.14	0.05
129	-0.8	0.0	72.0	0.0	47.8	0.0	0.14	0.05
130	-0.8	0.0	72.0	0.0	47.8	0.0	0.14	0.05
131	-0.8	0.0	72.0	0.0	47.8	0.0	0.14	0.05
132	-0.8	0.0	72.0	0.0	47.8	0.0	0.14	0.05
133	-0.8	0.0	72.0	0.0	47.8	0.0	0.14	0.05
134	-0.8	0.0	72.0	0.0	47.8	0.0	0.14	0.05
135	-0.7	0.0	10.3	0.0	47.0	0.0	0.02	0.01
136	-0.7	0.0	10.3	0.0	47.0	0.0	0.02	0.01
137	-0.7	0.0	10.3	0.0	47.0	0.0	0.02	0.01
138	-0.7	0.0	10.3	0.0	47.0	0.0	0.02	0.01
139	-0.7	0.0	10.3	0.0	47.0	0.0	0.02	0.01
140	-0.7	0.0	10.3	0.0	47.0	0.0	0.02	0.01
141	-0.7	0.0	10.3	0.0	47.0	0.0	0.02	0.01
142	0.7	0.0	345.3	0.0	-42.0	0.0	0.66	0.20
143	0.7	0.0	345.3	0.0	-42.0	0.0	0.66	0.20
144	0.7	0.0	345.3	0.0	-42.0	0.0	0.66	0.20
145	0.7	0.0	345.3	0.0	-42.0	0.0	0.66	0.20
146	0.7	0.0	345.3	0.0	-42.0	0.0	0.66	0.20
147	0.7	0.0	345.3	0.0	-42.0	0.0	0.66	0.20
148	0.7	0.0	345.3	0.0	-42.0	0.0	0.66	0.20
149	0.7	0.0	283.6	0.0	-42.9	0.0	0.54	0.17
150	0.7	0.0	283.6	0.0	-42.9	0.0	0.54	0.17
151	0.7	0.0	283.6	0.0	-42.9	0.0	0.54	0.17
152	0.7	0.0	283.6	0.0	-42.9	0.0	0.54	0.17
153	0.7	0.0	283.6	0.0	-42.9	0.0	0.54	0.17
154	0.7	0.0	283.6	0.0	-42.9	0.0	0.54	0.17
155	0.7	0.0	283.6	0.0	-42.9	0.0	0.54	0.17
156	0.7	0.0	221.9	0.0	-43.7	0.0	0.42	0.13
157	0.7	0.0	221.9	0.0	-43.7	0.0	0.42	0.13
158	0.7	0.0	221.9	0.0	-43.7	0.0	0.42	0.13
159	0.7	0.0	221.9	0.0	-43.7	0.0	0.42	0.13
160	0.7	0.0	221.9	0.0	-43.7	0.0	0.42	0.13
161	0.7	0.0	221.9	0.0	-43.7	0.0	0.42	0.13
162	0.7	0.0	221.9	0.0	-43.7	0.0	0.42	0.13
163	0.7	0.0	160.3	0.0	-44.6	0.0	0.31	0.10
164	0.7	0.0	160.3	0.0	-44.6	0.0	0.31	0.10

WEST REV1 CRL TMPCPGA.OUT.txt

165	0.7	0.0	160.3	0.0	-44.6	0.0	0.31	0.10
166	0.7	0.0	160.3	0.0	-44.6	0.0	0.31	0.10
167	0.7	0.0	160.3	0.0	-44.6	0.0	0.31	0.10
168	0.7	0.0	160.3	0.0	-44.6	0.0	0.31	0.10
169	0.7	0.0	160.3	0.0	-44.6	0.0	0.31	0.10
170	0.7	0.0	98.6	0.0	-45.5	0.0	0.19	0.06
171	0.7	0.0	98.6	0.0	-45.5	0.0	0.19	0.06
172	0.7	0.0	98.6	0.0	-45.5	0.0	0.19	0.06
173	0.7	0.0	98.6	0.0	-45.5	0.0	0.19	0.06
174	0.7	0.0	98.6	0.0	-45.5	0.0	0.19	0.06
175	0.7	0.0	98.6	0.0	-45.5	0.0	0.19	0.06
176	0.7	0.0	98.6	0.0	-45.5	0.0	0.19	0.06
177	-0.8	0.0	102.8	0.0	48.2	0.0	0.20	0.06
178	-0.8	0.0	73.6	0.0	47.8	0.0	0.14	0.05
179	-0.8	0.0	42.8	0.0	47.4	0.0	0.08	0.03
180	-0.7	0.0	11.9	0.0	47.0	0.0	0.02	0.01
181	0.7	0.0	346.9	0.0	-42.0	0.0	0.66	0.20
182	0.7	0.0	285.3	0.0	-42.9	0.0	0.54	0.17
183	0.7	0.0	223.6	0.0	-43.7	0.0	0.43	0.13
184	0.7	0.0	192.7	0.0	-44.1	0.0	0.37	0.11
185	0.7	0.0	161.9	0.0	-44.6	0.0	0.31	0.10
186	0.7	0.0	131.0	0.0	-45.0	0.0	0.25	0.08
187	-0.8	0.0	73.6	0.0	47.8	0.0	0.14	0.05
188	-0.8	0.0	42.8	0.0	47.4	0.0	0.08	0.03
189	-0.7	0.0	11.9	0.0	47.0	0.0	0.02	0.01
190	0.7	0.0	346.9	0.0	-42.0	0.0	0.66	0.20
191	0.7	0.0	285.3	0.0	-42.9	0.0	0.54	0.17
192	0.7	0.0	223.6	0.0	-43.7	0.0	0.43	0.13
193	0.7	0.0	192.7	0.0	-44.1	0.0	0.37	0.11
194	0.7	0.0	161.9	0.0	-44.6	0.0	0.31	0.10
195	0.7	0.0	131.0	0.0	-45.0	0.0	0.25	0.08
196	-0.8	0.0	102.8	0.0	48.2	0.0	0.20	0.06
197	-0.8	0.0	73.6	0.0	47.8	0.0	0.14	0.05
198	-0.8	0.0	42.8	0.0	47.4	0.0	0.08	0.03
199	-0.7	0.0	11.9	0.0	47.0	0.0	0.02	0.01
200	0.7	0.0	346.9	0.0	-42.0	0.0	0.66	0.20
201	0.7	0.0	285.3	0.0	-42.9	0.0	0.54	0.17
202	0.7	0.0	223.6	0.0	-43.7	0.0	0.43	0.13
203	0.7	0.0	192.7	0.0	-44.1	0.0	0.37	0.11
204	0.7	0.0	161.9	0.0	-44.6	0.0	0.31	0.10
205	0.7	0.0	131.0	0.0	-45.0	0.0	0.25	0.08
206	-0.8	0.0	73.6	0.0	47.8	0.0	0.14	0.05
207	-0.8	0.0	42.8	0.0	47.4	0.0	0.08	0.03
208	-0.7	0.0	11.9	0.0	47.0	0.0	0.02	0.01
209	0.7	0.0	346.9	0.0	-42.0	0.0	0.66	0.20
210	0.7	0.0	285.3	0.0	-42.9	0.0	0.54	0.17
211	0.7	0.0	223.6	0.0	-43.7	0.0	0.43	0.13
212	0.7	0.0	192.7	0.0	-44.1	0.0	0.37	0.11

WEST REV1 CRL TMPCPGA.OUT.txt

213	0.7	0.0	161.9	0.0	-44.6	0.0	0.31	0.10
214	0.7	0.0	131.0	0.0	-45.0	0.0	0.25	0.08
215	-0.8	0.0	41.2	0.0	47.4	0.0	0.08	0.03
216	-0.7	0.0	10.3	0.0	47.0	0.0	0.02	0.01
217	-0.7	0.0	10.3	0.0	47.0	0.0	0.02	0.01
218	0.7	0.0	160.3	0.0	-44.6	0.0	0.31	0.10
219	0.7	0.0	345.3	0.0	-42.0	0.0	0.66	0.20
220	0.7	0.0	283.6	0.0	-42.9	0.0	0.54	0.17
221	0.7	0.0	221.9	0.0	-43.7	0.0	0.42	0.13
222	0.7	0.0	191.1	0.0	-44.2	0.0	0.36	0.11
223	0.7	0.0	345.3	0.0	-42.0	0.0	0.66	0.20
224	0.7	0.0	283.6	0.0	-42.9	0.0	0.54	0.17
225	0.7	0.0	221.9	0.0	-43.7	0.0	0.42	0.13
226	0.7	0.0	191.1	0.0	-44.2	0.0	0.36	0.11
227	0.7	0.0	345.3	0.0	-42.0	0.0	0.66	0.20
228	0.7	0.0	283.6	0.0	-42.9	0.0	0.54	0.17
229	0.7	0.0	221.9	0.0	-43.7	0.0	0.42	0.13
230	0.7	0.0	191.1	0.0	-44.2	0.0	0.36	0.11
231	-0.8	0.0	41.2	0.0	47.4	0.0	0.08	0.03
232	-0.7	0.0	10.3	0.0	47.0	0.0	0.02	0.01
233	-0.7	0.0	10.3	0.0	47.0	0.0	0.02	0.01
234	0.7	0.0	160.3	0.0	-44.6	0.0	0.31	0.10
235	0.7	0.0	345.3	0.0	-42.0	0.0	0.66	0.20
236	0.7	0.0	283.6	0.0	-42.9	0.0	0.54	0.17
237	0.7	0.0	221.9	0.0	-43.7	0.0	0.42	0.13
238	0.7	0.0	191.1	0.0	-44.2	0.0	0.36	0.11
239	0.7	0.0	345.3	0.0	-42.0	0.0	0.66	0.20
240	0.7	0.0	283.6	0.0	-42.9	0.0	0.54	0.17
241	0.7	0.0	221.9	0.0	-43.7	0.0	0.42	0.13
242	0.7	0.0	191.1	0.0	-44.2	0.0	0.36	0.11
243	0.7	0.0	345.3	0.0	-42.0	0.0	0.66	0.20
244	0.7	0.0	283.6	0.0	-42.9	0.0	0.54	0.17
245	0.7	0.0	221.9	0.0	-43.7	0.0	0.42	0.13
246	0.7	0.0	191.1	0.0	-44.2	0.0	0.36	0.11

LOAD CASE - 8

PILE	F1 K	F2 K	F3 K	M1 IN-K	M2 IN-K	M3 IN-K	ALF	CBF
1	0.2	0.0	17.9	0.0	-14.8	0.0	0.04	0.01
2	0.2	0.0	17.9	0.0	-14.8	0.0	0.04	0.01
3	0.2	0.0	17.9	0.0	-14.8	0.0	0.04	0.01
4	0.2	0.0	17.9	0.0	-14.8	0.0	0.04	0.01
5	0.2	0.0	17.9	0.0	-14.8	0.0	0.04	0.01
6	0.2	0.0	31.8	0.0	-14.6	0.0	0.07	0.02
7	0.2	0.0	31.8	0.0	-14.6	0.0	0.07	0.02

WEST REV1 CRL TMPCPGA.OUT.txt

8	0.2	0.0	31.8	0.0	-14.6	0.0	0.07	0.02
9	0.2	0.0	31.8	0.0	-14.6	0.0	0.07	0.02
10	0.2	0.0	31.8	0.0	-14.6	0.0	0.07	0.02
11	0.2	0.0	45.6	0.0	-14.4	0.0	0.10	0.03
12	0.2	0.0	45.6	0.0	-14.4	0.0	0.10	0.03
13	0.2	0.0	45.6	0.0	-14.4	0.0	0.10	0.03
14	0.2	0.0	45.6	0.0	-14.4	0.0	0.10	0.03
15	0.2	0.0	45.6	0.0	-14.4	0.0	0.10	0.03
16	0.2	0.0	59.4	0.0	-14.2	0.0	0.13	0.04
17	0.2	0.0	59.4	0.0	-14.2	0.0	0.13	0.04
18	0.2	0.0	59.4	0.0	-14.2	0.0	0.13	0.04
19	0.2	0.0	59.4	0.0	-14.2	0.0	0.13	0.04
20	0.2	0.0	59.4	0.0	-14.2	0.0	0.13	0.04
21	0.2	0.0	73.2	0.0	-14.0	0.0	0.16	0.05
22	0.2	0.0	73.2	0.0	-14.0	0.0	0.16	0.05
23	0.2	0.0	73.2	0.0	-14.0	0.0	0.16	0.05
24	0.2	0.0	73.2	0.0	-14.0	0.0	0.16	0.05
25	0.2	0.0	73.2	0.0	-14.0	0.0	0.16	0.05
26	-0.2	0.0	-26.4	0.0	14.7	0.0	0.07	0.02
27	-0.2	0.0	-26.4	0.0	14.7	0.0	0.07	0.02
28	-0.2	0.0	-26.4	0.0	14.7	0.0	0.07	0.02
29	-0.2	0.0	-26.4	0.0	14.7	0.0	0.07	0.02
30	-0.2	0.0	-26.4	0.0	14.7	0.0	0.07	0.02
31	-0.2	0.0	1.2	0.0	15.0	0.0	0.00	0.00
32	-0.2	0.0	1.2	0.0	15.0	0.0	0.00	0.00
33	-0.2	0.0	1.2	0.0	15.0	0.0	0.00	0.00
34	-0.2	0.0	1.2	0.0	15.0	0.0	0.00	0.00
35	-0.2	0.0	1.2	0.0	15.0	0.0	0.00	0.00
36	-0.2	0.0	28.9	0.0	15.4	0.0	0.06	0.02
37	-0.2	0.0	28.9	0.0	15.4	0.0	0.06	0.02
38	-0.2	0.0	28.9	0.0	15.4	0.0	0.06	0.02
39	-0.2	0.0	28.9	0.0	15.4	0.0	0.06	0.02
40	-0.2	0.0	28.9	0.0	15.4	0.0	0.06	0.02
41	-0.2	0.0	42.7	0.0	15.6	0.0	0.09	0.03
42	-0.2	0.0	42.7	0.0	15.6	0.0	0.09	0.03
43	-0.2	0.0	42.7	0.0	15.6	0.0	0.09	0.03
44	-0.2	0.0	42.7	0.0	15.6	0.0	0.09	0.03
45	-0.2	0.0	42.7	0.0	15.6	0.0	0.09	0.03
46	-0.3	0.0	56.5	0.0	15.8	0.0	0.12	0.04
47	-0.3	0.0	56.5	0.0	15.8	0.0	0.12	0.04
48	-0.3	0.0	56.5	0.0	15.8	0.0	0.12	0.04
49	-0.3	0.0	56.5	0.0	15.8	0.0	0.12	0.04
50	-0.3	0.0	56.5	0.0	15.8	0.0	0.12	0.04
51	-0.3	0.0	70.3	0.0	16.0	0.0	0.15	0.05
52	-0.3	0.0	70.3	0.0	16.0	0.0	0.15	0.05
53	-0.3	0.0	70.3	0.0	16.0	0.0	0.15	0.05
54	-0.3	0.0	70.3	0.0	16.0	0.0	0.15	0.05
55	-0.3	0.0	70.3	0.0	16.0	0.0	0.15	0.05

WEST REV1 CRL TMPCPGA.OUT.txt

56	-0.3	0.0	84.1	0.0	16.2	0.0	0.18	0.06
57	-0.3	0.0	84.1	0.0	16.2	0.0	0.18	0.06
58	-0.3	0.0	84.1	0.0	16.2	0.0	0.18	0.06
59	-0.3	0.0	84.1	0.0	16.2	0.0	0.18	0.06
60	-0.3	0.0	84.1	0.0	16.2	0.0	0.18	0.06
61	0.2	0.0	17.9	0.0	-14.8	0.0	0.04	0.01
62	0.2	0.0	17.9	0.0	-14.8	0.0	0.04	0.01
63	0.2	0.0	17.9	0.0	-14.8	0.0	0.04	0.01
64	0.2	0.0	17.9	0.0	-14.8	0.0	0.04	0.01
65	0.2	0.0	17.9	0.0	-14.8	0.0	0.04	0.01
66	0.2	0.0	31.8	0.0	-14.6	0.0	0.07	0.02
67	0.2	0.0	31.8	0.0	-14.6	0.0	0.07	0.02
68	0.2	0.0	31.8	0.0	-14.6	0.0	0.07	0.02
69	0.2	0.0	31.8	0.0	-14.6	0.0	0.07	0.02
70	0.2	0.0	31.8	0.0	-14.6	0.0	0.07	0.02
71	0.2	0.0	45.6	0.0	-14.4	0.0	0.10	0.03
72	0.2	0.0	45.6	0.0	-14.4	0.0	0.10	0.03
73	0.2	0.0	45.6	0.0	-14.4	0.0	0.10	0.03
74	0.2	0.0	45.6	0.0	-14.4	0.0	0.10	0.03
75	0.2	0.0	45.6	0.0	-14.4	0.0	0.10	0.03
76	0.2	0.0	59.4	0.0	-14.2	0.0	0.13	0.04
77	0.2	0.0	59.4	0.0	-14.2	0.0	0.13	0.04
78	0.2	0.0	59.4	0.0	-14.2	0.0	0.13	0.04
79	0.2	0.0	59.4	0.0	-14.2	0.0	0.13	0.04
80	0.2	0.0	59.4	0.0	-14.2	0.0	0.13	0.04
81	0.2	0.0	73.2	0.0	-14.0	0.0	0.16	0.05
82	0.2	0.0	73.2	0.0	-14.0	0.0	0.16	0.05
83	0.2	0.0	73.2	0.0	-14.0	0.0	0.16	0.05
84	0.2	0.0	73.2	0.0	-14.0	0.0	0.16	0.05
85	0.2	0.0	73.2	0.0	-14.0	0.0	0.16	0.05
86	-0.2	0.0	-26.4	0.0	14.7	0.0	0.07	0.02
87	-0.2	0.0	-26.4	0.0	14.7	0.0	0.07	0.02
88	-0.2	0.0	-26.4	0.0	14.7	0.0	0.07	0.02
89	-0.2	0.0	-26.4	0.0	14.7	0.0	0.07	0.02
90	-0.2	0.0	-26.4	0.0	14.7	0.0	0.07	0.02
91	-0.2	0.0	1.2	0.0	15.0	0.0	0.00	0.00
92	-0.2	0.0	1.2	0.0	15.0	0.0	0.00	0.00
93	-0.2	0.0	1.2	0.0	15.0	0.0	0.00	0.00
94	-0.2	0.0	1.2	0.0	15.0	0.0	0.00	0.00
95	-0.2	0.0	1.2	0.0	15.0	0.0	0.00	0.00
96	-0.2	0.0	28.9	0.0	15.4	0.0	0.06	0.02
97	-0.2	0.0	28.9	0.0	15.4	0.0	0.06	0.02
98	-0.2	0.0	28.9	0.0	15.4	0.0	0.06	0.02
99	-0.2	0.0	28.9	0.0	15.4	0.0	0.06	0.02
100	-0.2	0.0	28.9	0.0	15.4	0.0	0.06	0.02
101	-0.2	0.0	42.7	0.0	15.6	0.0	0.09	0.03
102	-0.2	0.0	42.7	0.0	15.6	0.0	0.09	0.03
103	-0.2	0.0	42.7	0.0	15.6	0.0	0.09	0.03

WEST REV1 CRL TMPCPGA.OUT.txt

104	-0.2	0.0	42.7	0.0	15.6	0.0	0.09	0.03
105	-0.2	0.0	42.7	0.0	15.6	0.0	0.09	0.03
106	-0.3	0.0	56.5	0.0	15.8	0.0	0.12	0.04
107	-0.3	0.0	56.5	0.0	15.8	0.0	0.12	0.04
108	-0.3	0.0	56.5	0.0	15.8	0.0	0.12	0.04
109	-0.3	0.0	56.5	0.0	15.8	0.0	0.12	0.04
110	-0.3	0.0	56.5	0.0	15.8	0.0	0.12	0.04
111	-0.3	0.0	70.3	0.0	16.0	0.0	0.15	0.05
112	-0.3	0.0	70.3	0.0	16.0	0.0	0.15	0.05
113	-0.3	0.0	70.3	0.0	16.0	0.0	0.15	0.05
114	-0.3	0.0	70.3	0.0	16.0	0.0	0.15	0.05
115	-0.3	0.0	70.3	0.0	16.0	0.0	0.15	0.05
116	-0.3	0.0	84.1	0.0	16.2	0.0	0.18	0.06
117	-0.3	0.0	84.1	0.0	16.2	0.0	0.18	0.06
118	-0.3	0.0	84.1	0.0	16.2	0.0	0.18	0.06
119	-0.3	0.0	84.1	0.0	16.2	0.0	0.18	0.06
120	-0.3	0.0	84.1	0.0	16.2	0.0	0.18	0.06
121	0.2	0.0	17.9	0.0	-14.8	0.0	0.04	0.01
122	0.2	0.0	17.9	0.0	-14.8	0.0	0.04	0.01
123	0.2	0.0	17.9	0.0	-14.8	0.0	0.04	0.01
124	0.2	0.0	17.9	0.0	-14.8	0.0	0.04	0.01
125	0.2	0.0	17.9	0.0	-14.8	0.0	0.04	0.01
126	0.2	0.0	17.9	0.0	-14.8	0.0	0.04	0.01
127	0.2	0.0	17.9	0.0	-14.8	0.0	0.04	0.01
128	0.2	0.0	45.6	0.0	-14.4	0.0	0.10	0.03
129	0.2	0.0	45.6	0.0	-14.4	0.0	0.10	0.03
130	0.2	0.0	45.6	0.0	-14.4	0.0	0.10	0.03
131	0.2	0.0	45.6	0.0	-14.4	0.0	0.10	0.03
132	0.2	0.0	45.6	0.0	-14.4	0.0	0.10	0.03
133	0.2	0.0	45.6	0.0	-14.4	0.0	0.10	0.03
134	0.2	0.0	45.6	0.0	-14.4	0.0	0.10	0.03
135	0.2	0.0	73.2	0.0	-14.0	0.0	0.16	0.05
136	0.2	0.0	73.2	0.0	-14.0	0.0	0.16	0.05
137	0.2	0.0	73.2	0.0	-14.0	0.0	0.16	0.05
138	0.2	0.0	73.2	0.0	-14.0	0.0	0.16	0.05
139	0.2	0.0	73.2	0.0	-14.0	0.0	0.16	0.05
140	0.2	0.0	73.2	0.0	-14.0	0.0	0.16	0.05
141	0.2	0.0	73.2	0.0	-14.0	0.0	0.16	0.05
142	-0.2	0.0	-26.4	0.0	14.7	0.0	0.07	0.02
143	-0.2	0.0	-26.4	0.0	14.7	0.0	0.07	0.02
144	-0.2	0.0	-26.4	0.0	14.7	0.0	0.07	0.02
145	-0.2	0.0	-26.4	0.0	14.7	0.0	0.07	0.02
146	-0.2	0.0	-26.4	0.0	14.7	0.0	0.07	0.02
147	-0.2	0.0	-26.4	0.0	14.7	0.0	0.07	0.02
148	-0.2	0.0	-26.4	0.0	14.7	0.0	0.07	0.02
149	-0.2	0.0	1.2	0.0	15.0	0.0	0.00	0.00
150	-0.2	0.0	1.2	0.0	15.0	0.0	0.00	0.00
151	-0.2	0.0	1.2	0.0	15.0	0.0	0.00	0.00



WEST REV1 CRL TMPCPGA.OUT.txt

152	-0.2	0.0	1.2	0.0	15.0	0.0	0.00	0.00
153	-0.2	0.0	1.2	0.0	15.0	0.0	0.00	0.00
154	-0.2	0.0	1.2	0.0	15.0	0.0	0.00	0.00
155	-0.2	0.0	1.2	0.0	15.0	0.0	0.00	0.00
156	-0.2	0.0	28.9	0.0	15.4	0.0	0.06	0.02
157	-0.2	0.0	28.9	0.0	15.4	0.0	0.06	0.02
158	-0.2	0.0	28.9	0.0	15.4	0.0	0.06	0.02
159	-0.2	0.0	28.9	0.0	15.4	0.0	0.06	0.02
160	-0.2	0.0	28.9	0.0	15.4	0.0	0.06	0.02
161	-0.2	0.0	28.9	0.0	15.4	0.0	0.06	0.02
162	-0.2	0.0	28.9	0.0	15.4	0.0	0.06	0.02
163	-0.3	0.0	56.5	0.0	15.8	0.0	0.12	0.04
164	-0.3	0.0	56.5	0.0	15.8	0.0	0.12	0.04
165	-0.3	0.0	56.5	0.0	15.8	0.0	0.12	0.04
166	-0.3	0.0	56.5	0.0	15.8	0.0	0.12	0.04
167	-0.3	0.0	56.5	0.0	15.8	0.0	0.12	0.04
168	-0.3	0.0	56.5	0.0	15.8	0.0	0.12	0.04
169	-0.3	0.0	56.5	0.0	15.8	0.0	0.12	0.04
170	-0.3	0.0	84.1	0.0	16.2	0.0	0.18	0.06
171	-0.3	0.0	84.1	0.0	16.2	0.0	0.18	0.06
172	-0.3	0.0	84.1	0.0	16.2	0.0	0.18	0.06
173	-0.3	0.0	84.1	0.0	16.2	0.0	0.18	0.06
174	-0.3	0.0	84.1	0.0	16.2	0.0	0.18	0.06
175	-0.3	0.0	84.1	0.0	16.2	0.0	0.18	0.06
176	-0.3	0.0	84.1	0.0	16.2	0.0	0.18	0.06
177	0.2	0.0	31.8	0.0	-14.6	0.0	0.07	0.02
178	0.2	0.0	44.9	0.0	-14.4	0.0	0.10	0.03
179	0.2	0.0	58.7	0.0	-14.2	0.0	0.13	0.04
180	0.2	0.0	72.5	0.0	-14.0	0.0	0.16	0.05
181	-0.2	0.0	-27.1	0.0	14.6	0.0	0.07	0.02
182	-0.2	0.0	0.5	0.0	15.0	0.0	0.00	0.00
183	-0.2	0.0	28.1	0.0	15.4	0.0	0.06	0.02
184	-0.2	0.0	42.0	0.0	15.6	0.0	0.09	0.03
185	-0.3	0.0	55.8	0.0	15.8	0.0	0.12	0.04
186	-0.3	0.0	69.6	0.0	16.0	0.0	0.15	0.05
187	0.2	0.0	44.9	0.0	-14.4	0.0	0.10	0.03
188	0.2	0.0	58.7	0.0	-14.2	0.0	0.13	0.04
189	0.2	0.0	72.5	0.0	-14.0	0.0	0.16	0.05
190	-0.2	0.0	-27.1	0.0	14.6	0.0	0.07	0.02
191	-0.2	0.0	0.5	0.0	15.0	0.0	0.00	0.00
192	-0.2	0.0	28.1	0.0	15.4	0.0	0.06	0.02
193	-0.2	0.0	42.0	0.0	15.6	0.0	0.09	0.03
194	-0.3	0.0	55.8	0.0	15.8	0.0	0.12	0.04
195	-0.3	0.0	69.6	0.0	16.0	0.0	0.15	0.05
196	0.2	0.0	31.8	0.0	-14.6	0.0	0.07	0.02
197	0.2	0.0	44.9	0.0	-14.4	0.0	0.10	0.03
198	0.2	0.0	58.7	0.0	-14.2	0.0	0.13	0.04
199	0.2	0.0	72.5	0.0	-14.0	0.0	0.16	0.05

WEST REV1 CRL TMPCPGA.OUT.txt

200	-0.2	0.0	-27.1	0.0	14.6	0.0	0.07	0.02
201	-0.2	0.0	0.5	0.0	15.0	0.0	0.00	0.00
202	-0.2	0.0	28.1	0.0	15.4	0.0	0.06	0.02
203	-0.2	0.0	42.0	0.0	15.6	0.0	0.09	0.03
204	-0.3	0.0	55.8	0.0	15.8	0.0	0.12	0.04
205	-0.3	0.0	69.6	0.0	16.0	0.0	0.15	0.05
206	0.2	0.0	44.9	0.0	-14.4	0.0	0.10	0.03
207	0.2	0.0	58.7	0.0	-14.2	0.0	0.13	0.04
208	0.2	0.0	72.5	0.0	-14.0	0.0	0.16	0.05
209	-0.2	0.0	-27.1	0.0	14.6	0.0	0.07	0.02
210	-0.2	0.0	0.5	0.0	15.0	0.0	0.00	0.00
211	-0.2	0.0	28.1	0.0	15.4	0.0	0.06	0.02
212	-0.2	0.0	42.0	0.0	15.6	0.0	0.09	0.03
213	-0.3	0.0	55.8	0.0	15.8	0.0	0.12	0.04
214	-0.3	0.0	69.6	0.0	16.0	0.0	0.15	0.05
215	0.2	0.0	59.4	0.0	-14.2	0.0	0.13	0.04
216	0.2	0.0	73.2	0.0	-14.0	0.0	0.16	0.05
217	0.2	0.0	73.2	0.0	-14.0	0.0	0.16	0.05
218	-0.3	0.0	56.5	0.0	15.8	0.0	0.12	0.04
219	-0.2	0.0	-26.4	0.0	14.7	0.0	0.07	0.02
220	-0.2	0.0	1.2	0.0	15.0	0.0	0.00	0.00
221	-0.2	0.0	28.9	0.0	15.4	0.0	0.06	0.02
222	-0.2	0.0	42.7	0.0	15.6	0.0	0.09	0.03
223	-0.2	0.0	-26.4	0.0	14.7	0.0	0.07	0.02
224	-0.2	0.0	1.2	0.0	15.0	0.0	0.00	0.00
225	-0.2	0.0	28.9	0.0	15.4	0.0	0.06	0.02
226	-0.2	0.0	42.7	0.0	15.6	0.0	0.09	0.03
227	-0.2	0.0	-26.4	0.0	14.7	0.0	0.07	0.02
228	-0.2	0.0	1.2	0.0	15.0	0.0	0.00	0.00
229	-0.2	0.0	28.9	0.0	15.4	0.0	0.06	0.02
230	-0.2	0.0	42.7	0.0	15.6	0.0	0.09	0.03
231	0.2	0.0	59.4	0.0	-14.2	0.0	0.13	0.04
232	0.2	0.0	73.2	0.0	-14.0	0.0	0.16	0.05
233	0.2	0.0	73.2	0.0	-14.0	0.0	0.16	0.05
234	-0.3	0.0	56.5	0.0	15.8	0.0	0.12	0.04
235	-0.2	0.0	-26.4	0.0	14.7	0.0	0.07	0.02
236	-0.2	0.0	1.2	0.0	15.0	0.0	0.00	0.00
237	-0.2	0.0	28.9	0.0	15.4	0.0	0.06	0.02
238	-0.2	0.0	42.7	0.0	15.6	0.0	0.09	0.03
239	-0.2	0.0	-26.4	0.0	14.7	0.0	0.07	0.02
240	-0.2	0.0	1.2	0.0	15.0	0.0	0.00	0.00
241	-0.2	0.0	28.9	0.0	15.4	0.0	0.06	0.02
242	-0.2	0.0	42.7	0.0	15.6	0.0	0.09	0.03
243	-0.2	0.0	-26.4	0.0	14.7	0.0	0.07	0.02
244	-0.2	0.0	1.2	0.0	15.0	0.0	0.00	0.00
245	-0.2	0.0	28.9	0.0	15.4	0.0	0.06	0.02
246	-0.2	0.0	42.7	0.0	15.6	0.0	0.09	0.03

\*\*\*\*\*

PILE FORCES IN GLOBAL GEOMETRY

LOAD CASE - 1

PILE	PX K	PY K	PZ K	MX IN-K	MY IN-K	MZ IN-K
1	-62.2	0.0	244.6	0.0	0.0	0.0
2	-62.2	0.0	244.6	0.0	0.0	0.0
3	-62.2	0.0	244.6	0.0	0.0	0.0
4	-62.2	0.0	244.6	0.0	0.0	0.0
5	-62.2	0.0	244.6	0.0	0.0	0.0
6	-74.6	0.0	294.5	0.0	0.0	0.0
7	-74.6	0.0	294.5	0.0	0.0	0.0
8	-74.6	0.0	294.5	0.0	0.0	0.0
9	-74.6	0.0	294.5	0.0	0.0	0.0
10	-74.6	0.0	294.5	0.0	0.0	0.0
11	-87.1	0.0	344.3	0.0	0.0	0.0
12	-87.1	0.0	344.3	0.0	0.0	0.0
13	-87.1	0.0	344.3	0.0	0.0	0.0
14	-87.1	0.0	344.3	0.0	0.0	0.0
15	-87.1	0.0	344.3	0.0	0.0	0.0
16	-99.5	0.0	394.2	0.0	0.0	0.0
17	-99.5	0.0	394.2	0.0	0.0	0.0
18	-99.5	0.0	394.2	0.0	0.0	0.0
19	-99.5	0.0	394.2	0.0	0.0	0.0
20	-99.5	0.0	394.2	0.0	0.0	0.0
21	-112.0	0.0	444.0	0.0	0.0	0.0
22	-112.0	0.0	444.0	0.0	0.0	0.0
23	-112.0	0.0	444.0	0.0	0.0	0.0
24	-112.0	0.0	444.0	0.0	0.0	0.0
25	-112.0	0.0	444.0	0.0	0.0	0.0
26	1.9	0.0	11.6	0.0	0.0	0.0
27	1.9	0.0	11.6	0.0	0.0	0.0
28	1.9	0.0	11.6	0.0	0.0	0.0
29	1.9	0.0	11.6	0.0	0.0	0.0
30	1.9	0.0	11.6	0.0	0.0	0.0
31	26.7	0.0	111.3	0.0	0.0	0.0
32	26.7	0.0	111.3	0.0	0.0	0.0
33	26.7	0.0	111.3	0.0	0.0	0.0
34	26.7	0.0	111.3	0.0	0.0	0.0
35	26.7	0.0	111.3	0.0	0.0	0.0
36	51.6	0.0	211.0	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

37	51.6	0.0	211.0	0.0	0.0	0.0
38	51.6	0.0	211.0	0.0	0.0	0.0
39	51.6	0.0	211.0	0.0	0.0	0.0
40	51.6	0.0	211.0	0.0	0.0	0.0
41	64.1	0.0	260.8	0.0	0.0	0.0
42	64.1	0.0	260.8	0.0	0.0	0.0
43	64.1	0.0	260.8	0.0	0.0	0.0
44	64.1	0.0	260.8	0.0	0.0	0.0
45	64.1	0.0	260.8	0.0	0.0	0.0
46	76.5	0.0	310.7	0.0	0.0	0.0
47	76.5	0.0	310.7	0.0	0.0	0.0
48	76.5	0.0	310.7	0.0	0.0	0.0
49	76.5	0.0	310.7	0.0	0.0	0.0
50	76.5	0.0	310.7	0.0	0.0	0.0
51	89.0	0.0	360.5	0.0	0.0	0.0
52	89.0	0.0	360.5	0.0	0.0	0.0
53	89.0	0.0	360.5	0.0	0.0	0.0
54	89.0	0.0	360.5	0.0	0.0	0.0
55	89.0	0.0	360.5	0.0	0.0	0.0
56	101.4	0.0	410.4	0.0	0.0	0.0
57	101.4	0.0	410.4	0.0	0.0	0.0
58	101.4	0.0	410.4	0.0	0.0	0.0
59	101.4	0.0	410.4	0.0	0.0	0.0
60	101.4	0.0	410.4	0.0	0.0	0.0
61	-62.2	0.0	244.6	0.0	0.0	0.0
62	-62.2	0.0	244.6	0.0	0.0	0.0
63	-62.2	0.0	244.6	0.0	0.0	0.0
64	-62.2	0.0	244.6	0.0	0.0	0.0
65	-62.2	0.0	244.6	0.0	0.0	0.0
66	-74.6	0.0	294.5	0.0	0.0	0.0
67	-74.6	0.0	294.5	0.0	0.0	0.0
68	-74.6	0.0	294.5	0.0	0.0	0.0
69	-74.6	0.0	294.5	0.0	0.0	0.0
70	-74.6	0.0	294.5	0.0	0.0	0.0
71	-87.1	0.0	344.3	0.0	0.0	0.0
72	-87.1	0.0	344.3	0.0	0.0	0.0
73	-87.1	0.0	344.3	0.0	0.0	0.0
74	-87.1	0.0	344.3	0.0	0.0	0.0
75	-87.1	0.0	344.3	0.0	0.0	0.0
76	-99.5	0.0	394.2	0.0	0.0	0.0
77	-99.5	0.0	394.2	0.0	0.0	0.0
78	-99.5	0.0	394.2	0.0	0.0	0.0
79	-99.5	0.0	394.2	0.0	0.0	0.0
80	-99.5	0.0	394.2	0.0	0.0	0.0
81	-112.0	0.0	444.0	0.0	0.0	0.0
82	-112.0	0.0	444.0	0.0	0.0	0.0
83	-112.0	0.0	444.0	0.0	0.0	0.0
84	-112.0	0.0	444.0	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

85	-112.0	0.0	444.0	0.0	0.0	0.0
86	1.9	0.0	11.6	0.0	0.0	0.0
87	1.9	0.0	11.6	0.0	0.0	0.0
88	1.9	0.0	11.6	0.0	0.0	0.0
89	1.9	0.0	11.6	0.0	0.0	0.0
90	1.9	0.0	11.6	0.0	0.0	0.0
91	26.7	0.0	111.3	0.0	0.0	0.0
92	26.7	0.0	111.3	0.0	0.0	0.0
93	26.7	0.0	111.3	0.0	0.0	0.0
94	26.7	0.0	111.3	0.0	0.0	0.0
95	26.7	0.0	111.3	0.0	0.0	0.0
96	51.6	0.0	211.0	0.0	0.0	0.0
97	51.6	0.0	211.0	0.0	0.0	0.0
98	51.6	0.0	211.0	0.0	0.0	0.0
99	51.6	0.0	211.0	0.0	0.0	0.0
100	51.6	0.0	211.0	0.0	0.0	0.0
101	64.1	0.0	260.8	0.0	0.0	0.0
102	64.1	0.0	260.8	0.0	0.0	0.0
103	64.1	0.0	260.8	0.0	0.0	0.0
104	64.1	0.0	260.8	0.0	0.0	0.0
105	64.1	0.0	260.8	0.0	0.0	0.0
106	76.5	0.0	310.7	0.0	0.0	0.0
107	76.5	0.0	310.7	0.0	0.0	0.0
108	76.5	0.0	310.7	0.0	0.0	0.0
109	76.5	0.0	310.7	0.0	0.0	0.0
110	76.5	0.0	310.7	0.0	0.0	0.0
111	89.0	0.0	360.5	0.0	0.0	0.0
112	89.0	0.0	360.5	0.0	0.0	0.0
113	89.0	0.0	360.5	0.0	0.0	0.0
114	89.0	0.0	360.5	0.0	0.0	0.0
115	89.0	0.0	360.5	0.0	0.0	0.0
116	101.4	0.0	410.4	0.0	0.0	0.0
117	101.4	0.0	410.4	0.0	0.0	0.0
118	101.4	0.0	410.4	0.0	0.0	0.0
119	101.4	0.0	410.4	0.0	0.0	0.0
120	101.4	0.0	410.4	0.0	0.0	0.0
121	-62.2	0.0	244.6	0.0	0.0	0.0
122	-62.2	0.0	244.6	0.0	0.0	0.0
123	-62.2	0.0	244.6	0.0	0.0	0.0
124	-62.2	0.0	244.6	0.0	0.0	0.0
125	-62.2	0.0	244.6	0.0	0.0	0.0
126	-62.2	0.0	244.6	0.0	0.0	0.0
127	-62.2	0.0	244.6	0.0	0.0	0.0
128	-87.1	0.0	344.3	0.0	0.0	0.0
129	-87.1	0.0	344.3	0.0	0.0	0.0
130	-87.1	0.0	344.3	0.0	0.0	0.0
131	-87.1	0.0	344.3	0.0	0.0	0.0
132	-87.1	0.0	344.3	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

133	-87.1	0.0	344.3	0.0	0.0	0.0
134	-87.1	0.0	344.3	0.0	0.0	0.0
135	-112.0	0.0	444.0	0.0	0.0	0.0
136	-112.0	0.0	444.0	0.0	0.0	0.0
137	-112.0	0.0	444.0	0.0	0.0	0.0
138	-112.0	0.0	444.0	0.0	0.0	0.0
139	-112.0	0.0	444.0	0.0	0.0	0.0
140	-112.0	0.0	444.0	0.0	0.0	0.0
141	-112.0	0.0	444.0	0.0	0.0	0.0
142	1.9	0.0	11.6	0.0	0.0	0.0
143	1.9	0.0	11.6	0.0	0.0	0.0
144	1.9	0.0	11.6	0.0	0.0	0.0
145	1.9	0.0	11.6	0.0	0.0	0.0
146	1.9	0.0	11.6	0.0	0.0	0.0
147	1.9	0.0	11.6	0.0	0.0	0.0
148	1.9	0.0	11.6	0.0	0.0	0.0
149	26.7	0.0	111.3	0.0	0.0	0.0
150	26.7	0.0	111.3	0.0	0.0	0.0
151	26.7	0.0	111.3	0.0	0.0	0.0
152	26.7	0.0	111.3	0.0	0.0	0.0
153	26.7	0.0	111.3	0.0	0.0	0.0
154	26.7	0.0	111.3	0.0	0.0	0.0
155	26.7	0.0	111.3	0.0	0.0	0.0
156	51.6	0.0	211.0	0.0	0.0	0.0
157	51.6	0.0	211.0	0.0	0.0	0.0
158	51.6	0.0	211.0	0.0	0.0	0.0
159	51.6	0.0	211.0	0.0	0.0	0.0
160	51.6	0.0	211.0	0.0	0.0	0.0
161	51.6	0.0	211.0	0.0	0.0	0.0
162	51.6	0.0	211.0	0.0	0.0	0.0
163	76.5	0.0	310.7	0.0	0.0	0.0
164	76.5	0.0	310.7	0.0	0.0	0.0
165	76.5	0.0	310.7	0.0	0.0	0.0
166	76.5	0.0	310.7	0.0	0.0	0.0
167	76.5	0.0	310.7	0.0	0.0	0.0
168	76.5	0.0	310.7	0.0	0.0	0.0
169	76.5	0.0	310.7	0.0	0.0	0.0
170	101.4	0.0	410.4	0.0	0.0	0.0
171	101.4	0.0	410.4	0.0	0.0	0.0
172	101.4	0.0	410.4	0.0	0.0	0.0
173	101.4	0.0	410.4	0.0	0.0	0.0
174	101.4	0.0	410.4	0.0	0.0	0.0
175	101.4	0.0	410.4	0.0	0.0	0.0
176	101.4	0.0	410.4	0.0	0.0	0.0
177	-74.6	0.0	294.5	0.0	0.0	0.0
178	-86.4	0.0	341.7	0.0	0.0	0.0
179	-98.9	0.0	391.6	0.0	0.0	0.0
180	-111.3	0.0	441.4	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

181	1.2	0.0	9.0	0.0	0.0	0.0
182	26.1	0.0	108.7	0.0	0.0	0.0
183	51.0	0.0	208.4	0.0	0.0	0.0
184	63.4	0.0	258.2	0.0	0.0	0.0
185	75.9	0.0	308.1	0.0	0.0	0.0
186	88.3	0.0	357.9	0.0	0.0	0.0
187	-86.4	0.0	341.7	0.0	0.0	0.0
188	-98.9	0.0	391.6	0.0	0.0	0.0
189	-111.3	0.0	441.4	0.0	0.0	0.0
190	1.2	0.0	9.0	0.0	0.0	0.0
191	26.1	0.0	108.7	0.0	0.0	0.0
192	51.0	0.0	208.4	0.0	0.0	0.0
193	63.4	0.0	258.2	0.0	0.0	0.0
194	75.9	0.0	308.1	0.0	0.0	0.0
195	88.3	0.0	357.9	0.0	0.0	0.0
196	-74.6	0.0	294.5	0.0	0.0	0.0
197	-86.4	0.0	341.7	0.0	0.0	0.0
198	-98.9	0.0	391.6	0.0	0.0	0.0
199	-111.3	0.0	441.4	0.0	0.0	0.0
200	1.2	0.0	9.0	0.0	0.0	0.0
201	26.1	0.0	108.7	0.0	0.0	0.0
202	51.0	0.0	208.4	0.0	0.0	0.0
203	63.4	0.0	258.2	0.0	0.0	0.0
204	75.9	0.0	308.1	0.0	0.0	0.0
205	88.3	0.0	357.9	0.0	0.0	0.0
206	-86.4	0.0	341.7	0.0	0.0	0.0
207	-98.9	0.0	391.6	0.0	0.0	0.0
208	-111.3	0.0	441.4	0.0	0.0	0.0
209	1.2	0.0	9.0	0.0	0.0	0.0
210	26.1	0.0	108.7	0.0	0.0	0.0
211	51.0	0.0	208.4	0.0	0.0	0.0
212	63.4	0.0	258.2	0.0	0.0	0.0
213	75.9	0.0	308.1	0.0	0.0	0.0
214	88.3	0.0	357.9	0.0	0.0	0.0
215	-99.5	0.0	394.2	0.0	0.0	0.0
216	-112.0	0.0	444.0	0.0	0.0	0.0
217	-112.0	0.0	444.0	0.0	0.0	0.0
218	76.5	0.0	310.7	0.0	0.0	0.0
219	1.9	0.0	11.6	0.0	0.0	0.0
220	26.7	0.0	111.3	0.0	0.0	0.0
221	51.6	0.0	211.0	0.0	0.0	0.0
222	64.1	0.0	260.8	0.0	0.0	0.0
223	1.9	0.0	11.6	0.0	0.0	0.0
224	26.7	0.0	111.3	0.0	0.0	0.0
225	51.6	0.0	211.0	0.0	0.0	0.0
226	64.1	0.0	260.8	0.0	0.0	0.0
227	1.9	0.0	11.6	0.0	0.0	0.0
228	26.7	0.0	111.3	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

229	51.6	0.0	211.0	0.0	0.0	0.0
230	64.1	0.0	260.8	0.0	0.0	0.0
231	-99.5	0.0	394.2	0.0	0.0	0.0
232	-112.0	0.0	444.0	0.0	0.0	0.0
233	-112.0	0.0	444.0	0.0	0.0	0.0
234	76.5	0.0	310.7	0.0	0.0	0.0
235	1.9	0.0	11.6	0.0	0.0	0.0
236	26.7	0.0	111.3	0.0	0.0	0.0
237	51.6	0.0	211.0	0.0	0.0	0.0
238	64.1	0.0	260.8	0.0	0.0	0.0
239	1.9	0.0	11.6	0.0	0.0	0.0
240	26.7	0.0	111.3	0.0	0.0	0.0
241	51.6	0.0	211.0	0.0	0.0	0.0
242	64.1	0.0	260.8	0.0	0.0	0.0
243	1.9	0.0	11.6	0.0	0.0	0.0
244	26.7	0.0	111.3	0.0	0.0	0.0
245	51.6	0.0	211.0	0.0	0.0	0.0
246	64.1	0.0	260.8	0.0	0.0	0.0

LOAD CASE - 2

PILE	PX K	PY K	PZ K	MX IN-K	MY IN-K	MZ IN-K
1	-62.2	0.0	244.0	0.0	0.0	0.0
2	-62.2	0.0	244.0	0.0	0.0	0.0
3	-62.2	0.0	244.0	0.0	0.0	0.0
4	-62.2	0.0	244.0	0.0	0.0	0.0
5	-62.2	0.0	244.0	0.0	0.0	0.0
6	-76.2	0.0	300.3	0.0	0.0	0.0
7	-76.2	0.0	300.3	0.0	0.0	0.0
8	-76.2	0.0	300.3	0.0	0.0	0.0
9	-76.2	0.0	300.3	0.0	0.0	0.0
10	-76.2	0.0	300.3	0.0	0.0	0.0
11	-90.3	0.0	356.5	0.0	0.0	0.0
12	-90.3	0.0	356.5	0.0	0.0	0.0
13	-90.3	0.0	356.5	0.0	0.0	0.0
14	-90.3	0.0	356.5	0.0	0.0	0.0
15	-90.3	0.0	356.5	0.0	0.0	0.0
16	-104.3	0.0	412.8	0.0	0.0	0.0
17	-104.3	0.0	412.8	0.0	0.0	0.0
18	-104.3	0.0	412.8	0.0	0.0	0.0
19	-104.3	0.0	412.8	0.0	0.0	0.0
20	-104.3	0.0	412.8	0.0	0.0	0.0
21	-118.3	0.0	469.0	0.0	0.0	0.0
22	-118.3	0.0	469.0	0.0	0.0	0.0
23	-118.3	0.0	469.0	0.0	0.0	0.0



WEST REV1 CRL TMPCPGA.OUT.txt

24	-118.3	0.0	469.0	0.0	0.0	0.0
25	-118.3	0.0	469.0	0.0	0.0	0.0
26	-6.8	0.0	-22.5	0.0	0.0	0.0
27	-6.8	0.0	-22.5	0.0	0.0	0.0
28	-6.8	0.0	-22.5	0.0	0.0	0.0
29	-6.8	0.0	-22.5	0.0	0.0	0.0
30	-6.8	0.0	-22.5	0.0	0.0	0.0
31	21.3	0.0	90.0	0.0	0.0	0.0
32	21.3	0.0	90.0	0.0	0.0	0.0
33	21.3	0.0	90.0	0.0	0.0	0.0
34	21.3	0.0	90.0	0.0	0.0	0.0
35	21.3	0.0	90.0	0.0	0.0	0.0
36	49.4	0.0	202.5	0.0	0.0	0.0
37	49.4	0.0	202.5	0.0	0.0	0.0
38	49.4	0.0	202.5	0.0	0.0	0.0
39	49.4	0.0	202.5	0.0	0.0	0.0
40	49.4	0.0	202.5	0.0	0.0	0.0
41	63.4	0.0	258.8	0.0	0.0	0.0
42	63.4	0.0	258.8	0.0	0.0	0.0
43	63.4	0.0	258.8	0.0	0.0	0.0
44	63.4	0.0	258.8	0.0	0.0	0.0
45	63.4	0.0	258.8	0.0	0.0	0.0
46	77.5	0.0	315.0	0.0	0.0	0.0
47	77.5	0.0	315.0	0.0	0.0	0.0
48	77.5	0.0	315.0	0.0	0.0	0.0
49	77.5	0.0	315.0	0.0	0.0	0.0
50	77.5	0.0	315.0	0.0	0.0	0.0
51	91.5	0.0	371.2	0.0	0.0	0.0
52	91.5	0.0	371.2	0.0	0.0	0.0
53	91.5	0.0	371.2	0.0	0.0	0.0
54	91.5	0.0	371.2	0.0	0.0	0.0
55	91.5	0.0	371.2	0.0	0.0	0.0
56	105.6	0.0	427.5	0.0	0.0	0.0
57	105.6	0.0	427.5	0.0	0.0	0.0
58	105.6	0.0	427.5	0.0	0.0	0.0
59	105.6	0.0	427.5	0.0	0.0	0.0
60	105.6	0.0	427.5	0.0	0.0	0.0
61	-62.2	0.0	244.0	0.0	0.0	0.0
62	-62.2	0.0	244.0	0.0	0.0	0.0
63	-62.2	0.0	244.0	0.0	0.0	0.0
64	-62.2	0.0	244.0	0.0	0.0	0.0
65	-62.2	0.0	244.0	0.0	0.0	0.0
66	-76.2	0.0	300.3	0.0	0.0	0.0
67	-76.2	0.0	300.3	0.0	0.0	0.0
68	-76.2	0.0	300.3	0.0	0.0	0.0
69	-76.2	0.0	300.3	0.0	0.0	0.0
70	-76.2	0.0	300.3	0.0	0.0	0.0
71	-90.3	0.0	356.5	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

72	-90.3	0.0	356.5	0.0	0.0	0.0
73	-90.3	0.0	356.5	0.0	0.0	0.0
74	-90.3	0.0	356.5	0.0	0.0	0.0
75	-90.3	0.0	356.5	0.0	0.0	0.0
76	-104.3	0.0	412.8	0.0	0.0	0.0
77	-104.3	0.0	412.8	0.0	0.0	0.0
78	-104.3	0.0	412.8	0.0	0.0	0.0
79	-104.3	0.0	412.8	0.0	0.0	0.0
80	-104.3	0.0	412.8	0.0	0.0	0.0
81	-118.3	0.0	469.0	0.0	0.0	0.0
82	-118.3	0.0	469.0	0.0	0.0	0.0
83	-118.3	0.0	469.0	0.0	0.0	0.0
84	-118.3	0.0	469.0	0.0	0.0	0.0
85	-118.3	0.0	469.0	0.0	0.0	0.0
86	-6.8	0.0	-22.5	0.0	0.0	0.0
87	-6.8	0.0	-22.5	0.0	0.0	0.0
88	-6.8	0.0	-22.5	0.0	0.0	0.0
89	-6.8	0.0	-22.5	0.0	0.0	0.0
90	-6.8	0.0	-22.5	0.0	0.0	0.0
91	21.3	0.0	90.0	0.0	0.0	0.0
92	21.3	0.0	90.0	0.0	0.0	0.0
93	21.3	0.0	90.0	0.0	0.0	0.0
94	21.3	0.0	90.0	0.0	0.0	0.0
95	21.3	0.0	90.0	0.0	0.0	0.0
96	49.4	0.0	202.5	0.0	0.0	0.0
97	49.4	0.0	202.5	0.0	0.0	0.0
98	49.4	0.0	202.5	0.0	0.0	0.0
99	49.4	0.0	202.5	0.0	0.0	0.0
100	49.4	0.0	202.5	0.0	0.0	0.0
101	63.4	0.0	258.8	0.0	0.0	0.0
102	63.4	0.0	258.8	0.0	0.0	0.0
103	63.4	0.0	258.8	0.0	0.0	0.0
104	63.4	0.0	258.8	0.0	0.0	0.0
105	63.4	0.0	258.8	0.0	0.0	0.0
106	77.5	0.0	315.0	0.0	0.0	0.0
107	77.5	0.0	315.0	0.0	0.0	0.0
108	77.5	0.0	315.0	0.0	0.0	0.0
109	77.5	0.0	315.0	0.0	0.0	0.0
110	77.5	0.0	315.0	0.0	0.0	0.0
111	91.5	0.0	371.2	0.0	0.0	0.0
112	91.5	0.0	371.2	0.0	0.0	0.0
113	91.5	0.0	371.2	0.0	0.0	0.0
114	91.5	0.0	371.2	0.0	0.0	0.0
115	91.5	0.0	371.2	0.0	0.0	0.0
116	105.6	0.0	427.5	0.0	0.0	0.0
117	105.6	0.0	427.5	0.0	0.0	0.0
118	105.6	0.0	427.5	0.0	0.0	0.0
119	105.6	0.0	427.5	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

120	105.6	0.0	427.5	0.0	0.0	0.0
121	-62.2	0.0	244.0	0.0	0.0	0.0
122	-62.2	0.0	244.0	0.0	0.0	0.0
123	-62.2	0.0	244.0	0.0	0.0	0.0
124	-62.2	0.0	244.0	0.0	0.0	0.0
125	-62.2	0.0	244.0	0.0	0.0	0.0
126	-62.2	0.0	244.0	0.0	0.0	0.0
127	-62.2	0.0	244.0	0.0	0.0	0.0
128	-90.3	0.0	356.5	0.0	0.0	0.0
129	-90.3	0.0	356.5	0.0	0.0	0.0
130	-90.3	0.0	356.5	0.0	0.0	0.0
131	-90.3	0.0	356.5	0.0	0.0	0.0
132	-90.3	0.0	356.5	0.0	0.0	0.0
133	-90.3	0.0	356.5	0.0	0.0	0.0
134	-90.3	0.0	356.5	0.0	0.0	0.0
135	-118.3	0.0	469.0	0.0	0.0	0.0
136	-118.3	0.0	469.0	0.0	0.0	0.0
137	-118.3	0.0	469.0	0.0	0.0	0.0
138	-118.3	0.0	469.0	0.0	0.0	0.0
139	-118.3	0.0	469.0	0.0	0.0	0.0
140	-118.3	0.0	469.0	0.0	0.0	0.0
141	-118.3	0.0	469.0	0.0	0.0	0.0
142	-6.8	0.0	-22.5	0.0	0.0	0.0
143	-6.8	0.0	-22.5	0.0	0.0	0.0
144	-6.8	0.0	-22.5	0.0	0.0	0.0
145	-6.8	0.0	-22.5	0.0	0.0	0.0
146	-6.8	0.0	-22.5	0.0	0.0	0.0
147	-6.8	0.0	-22.5	0.0	0.0	0.0
148	-6.8	0.0	-22.5	0.0	0.0	0.0
149	21.3	0.0	90.0	0.0	0.0	0.0
150	21.3	0.0	90.0	0.0	0.0	0.0
151	21.3	0.0	90.0	0.0	0.0	0.0
152	21.3	0.0	90.0	0.0	0.0	0.0
153	21.3	0.0	90.0	0.0	0.0	0.0
154	21.3	0.0	90.0	0.0	0.0	0.0
155	21.3	0.0	90.0	0.0	0.0	0.0
156	49.4	0.0	202.5	0.0	0.0	0.0
157	49.4	0.0	202.5	0.0	0.0	0.0
158	49.4	0.0	202.5	0.0	0.0	0.0
159	49.4	0.0	202.5	0.0	0.0	0.0
160	49.4	0.0	202.5	0.0	0.0	0.0
161	49.4	0.0	202.5	0.0	0.0	0.0
162	49.4	0.0	202.5	0.0	0.0	0.0
163	77.5	0.0	315.0	0.0	0.0	0.0
164	77.5	0.0	315.0	0.0	0.0	0.0
165	77.5	0.0	315.0	0.0	0.0	0.0
166	77.5	0.0	315.0	0.0	0.0	0.0
167	77.5	0.0	315.0	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

168	77.5	0.0	315.0	0.0	0.0	0.0
169	77.5	0.0	315.0	0.0	0.0	0.0
170	105.6	0.0	427.5	0.0	0.0	0.0
171	105.6	0.0	427.5	0.0	0.0	0.0
172	105.6	0.0	427.5	0.0	0.0	0.0
173	105.6	0.0	427.5	0.0	0.0	0.0
174	105.6	0.0	427.5	0.0	0.0	0.0
175	105.6	0.0	427.5	0.0	0.0	0.0
176	105.6	0.0	427.5	0.0	0.0	0.0
177	-76.2	0.0	300.3	0.0	0.0	0.0
178	-89.5	0.0	353.6	0.0	0.0	0.0
179	-103.6	0.0	409.8	0.0	0.0	0.0
180	-117.6	0.0	466.1	0.0	0.0	0.0
181	-7.5	0.0	-25.4	0.0	0.0	0.0
182	20.5	0.0	87.1	0.0	0.0	0.0
183	48.6	0.0	199.6	0.0	0.0	0.0
184	62.7	0.0	255.8	0.0	0.0	0.0
185	76.7	0.0	312.1	0.0	0.0	0.0
186	90.8	0.0	368.3	0.0	0.0	0.0
187	-89.5	0.0	353.6	0.0	0.0	0.0
188	-103.6	0.0	409.8	0.0	0.0	0.0
189	-117.6	0.0	466.1	0.0	0.0	0.0
190	-7.5	0.0	-25.4	0.0	0.0	0.0
191	20.5	0.0	87.1	0.0	0.0	0.0
192	48.6	0.0	199.6	0.0	0.0	0.0
193	62.7	0.0	255.8	0.0	0.0	0.0
194	76.7	0.0	312.1	0.0	0.0	0.0
195	90.8	0.0	368.3	0.0	0.0	0.0
196	-76.2	0.0	300.3	0.0	0.0	0.0
197	-89.5	0.0	353.6	0.0	0.0	0.0
198	-103.6	0.0	409.8	0.0	0.0	0.0
199	-117.6	0.0	466.1	0.0	0.0	0.0
200	-7.5	0.0	-25.4	0.0	0.0	0.0
201	20.5	0.0	87.1	0.0	0.0	0.0
202	48.6	0.0	199.6	0.0	0.0	0.0
203	62.7	0.0	255.8	0.0	0.0	0.0
204	76.7	0.0	312.1	0.0	0.0	0.0
205	90.8	0.0	368.3	0.0	0.0	0.0
206	-89.5	0.0	353.6	0.0	0.0	0.0
207	-103.6	0.0	409.8	0.0	0.0	0.0
208	-117.6	0.0	466.1	0.0	0.0	0.0
209	-7.5	0.0	-25.4	0.0	0.0	0.0
210	20.5	0.0	87.1	0.0	0.0	0.0
211	48.6	0.0	199.6	0.0	0.0	0.0
212	62.7	0.0	255.8	0.0	0.0	0.0
213	76.7	0.0	312.1	0.0	0.0	0.0
214	90.8	0.0	368.3	0.0	0.0	0.0
215	-104.3	0.0	412.8	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

216	-118.3	0.0	469.0	0.0	0.0	0.0
217	-118.3	0.0	469.0	0.0	0.0	0.0
218	77.5	0.0	315.0	0.0	0.0	0.0
219	-6.8	0.0	-22.5	0.0	0.0	0.0
220	21.3	0.0	90.0	0.0	0.0	0.0
221	49.4	0.0	202.5	0.0	0.0	0.0
222	63.4	0.0	258.8	0.0	0.0	0.0
223	-6.8	0.0	-22.5	0.0	0.0	0.0
224	21.3	0.0	90.0	0.0	0.0	0.0
225	49.4	0.0	202.5	0.0	0.0	0.0
226	63.4	0.0	258.8	0.0	0.0	0.0
227	-6.8	0.0	-22.5	0.0	0.0	0.0
228	21.3	0.0	90.0	0.0	0.0	0.0
229	49.4	0.0	202.5	0.0	0.0	0.0
230	63.4	0.0	258.8	0.0	0.0	0.0
231	-104.3	0.0	412.8	0.0	0.0	0.0
232	-118.3	0.0	469.0	0.0	0.0	0.0
233	-118.3	0.0	469.0	0.0	0.0	0.0
234	77.5	0.0	315.0	0.0	0.0	0.0
235	-6.8	0.0	-22.5	0.0	0.0	0.0
236	21.3	0.0	90.0	0.0	0.0	0.0
237	49.4	0.0	202.5	0.0	0.0	0.0
238	63.4	0.0	258.8	0.0	0.0	0.0
239	-6.8	0.0	-22.5	0.0	0.0	0.0
240	21.3	0.0	90.0	0.0	0.0	0.0
241	49.4	0.0	202.5	0.0	0.0	0.0
242	63.4	0.0	258.8	0.0	0.0	0.0
243	-6.8	0.0	-22.5	0.0	0.0	0.0
244	21.3	0.0	90.0	0.0	0.0	0.0
245	49.4	0.0	202.5	0.0	0.0	0.0
246	63.4	0.0	258.8	0.0	0.0	0.0

LOAD CASE - 3

PILE	PX K	PY K	PZ K	MX IN-K	MY IN-K	MZ IN-K
1	-33.9	0.0	137.0	0.0	0.0	0.0
2	-33.9	0.0	137.0	0.0	0.0	0.0
3	-33.9	0.0	137.0	0.0	0.0	0.0
4	-33.9	0.0	137.0	0.0	0.0	0.0
5	-33.9	0.0	137.0	0.0	0.0	0.0
6	-31.6	0.0	127.7	0.0	0.0	0.0
7	-31.6	0.0	127.7	0.0	0.0	0.0
8	-31.6	0.0	127.7	0.0	0.0	0.0
9	-31.6	0.0	127.7	0.0	0.0	0.0
10	-31.6	0.0	127.7	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

11	-29.3	0.0	118.4	0.0	0.0	0.0
12	-29.3	0.0	118.4	0.0	0.0	0.0
13	-29.3	0.0	118.4	0.0	0.0	0.0
14	-29.3	0.0	118.4	0.0	0.0	0.0
15	-29.3	0.0	118.4	0.0	0.0	0.0
16	-27.0	0.0	109.1	0.0	0.0	0.0
17	-27.0	0.0	109.1	0.0	0.0	0.0
18	-27.0	0.0	109.1	0.0	0.0	0.0
19	-27.0	0.0	109.1	0.0	0.0	0.0
20	-27.0	0.0	109.1	0.0	0.0	0.0
21	-24.7	0.0	99.9	0.0	0.0	0.0
22	-24.7	0.0	99.9	0.0	0.0	0.0
23	-24.7	0.0	99.9	0.0	0.0	0.0
24	-24.7	0.0	99.9	0.0	0.0	0.0
25	-24.7	0.0	99.9	0.0	0.0	0.0
26	56.4	0.0	224.5	0.0	0.0	0.0
27	56.4	0.0	224.5	0.0	0.0	0.0
28	56.4	0.0	224.5	0.0	0.0	0.0
29	56.4	0.0	224.5	0.0	0.0	0.0
30	56.4	0.0	224.5	0.0	0.0	0.0
31	51.7	0.0	206.0	0.0	0.0	0.0
32	51.7	0.0	206.0	0.0	0.0	0.0
33	51.7	0.0	206.0	0.0	0.0	0.0
34	51.7	0.0	206.0	0.0	0.0	0.0
35	51.7	0.0	206.0	0.0	0.0	0.0
36	47.1	0.0	187.4	0.0	0.0	0.0
37	47.1	0.0	187.4	0.0	0.0	0.0
38	47.1	0.0	187.4	0.0	0.0	0.0
39	47.1	0.0	187.4	0.0	0.0	0.0
40	47.1	0.0	187.4	0.0	0.0	0.0
41	44.8	0.0	178.2	0.0	0.0	0.0
42	44.8	0.0	178.2	0.0	0.0	0.0
43	44.8	0.0	178.2	0.0	0.0	0.0
44	44.8	0.0	178.2	0.0	0.0	0.0
45	44.8	0.0	178.2	0.0	0.0	0.0
46	42.5	0.0	168.9	0.0	0.0	0.0
47	42.5	0.0	168.9	0.0	0.0	0.0
48	42.5	0.0	168.9	0.0	0.0	0.0
49	42.5	0.0	168.9	0.0	0.0	0.0
50	42.5	0.0	168.9	0.0	0.0	0.0
51	40.2	0.0	159.6	0.0	0.0	0.0
52	40.2	0.0	159.6	0.0	0.0	0.0
53	40.2	0.0	159.6	0.0	0.0	0.0
54	40.2	0.0	159.6	0.0	0.0	0.0
55	40.2	0.0	159.6	0.0	0.0	0.0
56	37.8	0.0	150.4	0.0	0.0	0.0
57	37.8	0.0	150.4	0.0	0.0	0.0
58	37.8	0.0	150.4	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

59	37.8	0.0	150.4	0.0	0.0	0.0
60	37.8	0.0	150.4	0.0	0.0	0.0
61	-33.9	0.0	137.0	0.0	0.0	0.0
62	-33.9	0.0	137.0	0.0	0.0	0.0
63	-33.9	0.0	137.0	0.0	0.0	0.0
64	-33.9	0.0	137.0	0.0	0.0	0.0
65	-33.9	0.0	137.0	0.0	0.0	0.0
66	-31.6	0.0	127.7	0.0	0.0	0.0
67	-31.6	0.0	127.7	0.0	0.0	0.0
68	-31.6	0.0	127.7	0.0	0.0	0.0
69	-31.6	0.0	127.7	0.0	0.0	0.0
70	-31.6	0.0	127.7	0.0	0.0	0.0
71	-29.3	0.0	118.4	0.0	0.0	0.0
72	-29.3	0.0	118.4	0.0	0.0	0.0
73	-29.3	0.0	118.4	0.0	0.0	0.0
74	-29.3	0.0	118.4	0.0	0.0	0.0
75	-29.3	0.0	118.4	0.0	0.0	0.0
76	-27.0	0.0	109.1	0.0	0.0	0.0
77	-27.0	0.0	109.1	0.0	0.0	0.0
78	-27.0	0.0	109.1	0.0	0.0	0.0
79	-27.0	0.0	109.1	0.0	0.0	0.0
80	-27.0	0.0	109.1	0.0	0.0	0.0
81	-24.7	0.0	99.9	0.0	0.0	0.0
82	-24.7	0.0	99.9	0.0	0.0	0.0
83	-24.7	0.0	99.9	0.0	0.0	0.0
84	-24.7	0.0	99.9	0.0	0.0	0.0
85	-24.7	0.0	99.9	0.0	0.0	0.0
86	56.4	0.0	224.5	0.0	0.0	0.0
87	56.4	0.0	224.5	0.0	0.0	0.0
88	56.4	0.0	224.5	0.0	0.0	0.0
89	56.4	0.0	224.5	0.0	0.0	0.0
90	56.4	0.0	224.5	0.0	0.0	0.0
91	51.7	0.0	206.0	0.0	0.0	0.0
92	51.7	0.0	206.0	0.0	0.0	0.0
93	51.7	0.0	206.0	0.0	0.0	0.0
94	51.7	0.0	206.0	0.0	0.0	0.0
95	51.7	0.0	206.0	0.0	0.0	0.0
96	47.1	0.0	187.4	0.0	0.0	0.0
97	47.1	0.0	187.4	0.0	0.0	0.0
98	47.1	0.0	187.4	0.0	0.0	0.0
99	47.1	0.0	187.4	0.0	0.0	0.0
100	47.1	0.0	187.4	0.0	0.0	0.0
101	44.8	0.0	178.2	0.0	0.0	0.0
102	44.8	0.0	178.2	0.0	0.0	0.0
103	44.8	0.0	178.2	0.0	0.0	0.0
104	44.8	0.0	178.2	0.0	0.0	0.0
105	44.8	0.0	178.2	0.0	0.0	0.0
106	42.5	0.0	168.9	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

107	42.5	0.0	168.9	0.0	0.0	0.0
108	42.5	0.0	168.9	0.0	0.0	0.0
109	42.5	0.0	168.9	0.0	0.0	0.0
110	42.5	0.0	168.9	0.0	0.0	0.0
111	40.2	0.0	159.6	0.0	0.0	0.0
112	40.2	0.0	159.6	0.0	0.0	0.0
113	40.2	0.0	159.6	0.0	0.0	0.0
114	40.2	0.0	159.6	0.0	0.0	0.0
115	40.2	0.0	159.6	0.0	0.0	0.0
116	37.8	0.0	150.4	0.0	0.0	0.0
117	37.8	0.0	150.4	0.0	0.0	0.0
118	37.8	0.0	150.4	0.0	0.0	0.0
119	37.8	0.0	150.4	0.0	0.0	0.0
120	37.8	0.0	150.4	0.0	0.0	0.0
121	-33.9	0.0	137.0	0.0	0.0	0.0
122	-33.9	0.0	137.0	0.0	0.0	0.0
123	-33.9	0.0	137.0	0.0	0.0	0.0
124	-33.9	0.0	137.0	0.0	0.0	0.0
125	-33.9	0.0	137.0	0.0	0.0	0.0
126	-33.9	0.0	137.0	0.0	0.0	0.0
127	-33.9	0.0	137.0	0.0	0.0	0.0
128	-29.3	0.0	118.4	0.0	0.0	0.0
129	-29.3	0.0	118.4	0.0	0.0	0.0
130	-29.3	0.0	118.4	0.0	0.0	0.0
131	-29.3	0.0	118.4	0.0	0.0	0.0
132	-29.3	0.0	118.4	0.0	0.0	0.0
133	-29.3	0.0	118.4	0.0	0.0	0.0
134	-29.3	0.0	118.4	0.0	0.0	0.0
135	-24.7	0.0	99.9	0.0	0.0	0.0
136	-24.7	0.0	99.9	0.0	0.0	0.0
137	-24.7	0.0	99.9	0.0	0.0	0.0
138	-24.7	0.0	99.9	0.0	0.0	0.0
139	-24.7	0.0	99.9	0.0	0.0	0.0
140	-24.7	0.0	99.9	0.0	0.0	0.0
141	-24.7	0.0	99.9	0.0	0.0	0.0
142	56.4	0.0	224.5	0.0	0.0	0.0
143	56.4	0.0	224.5	0.0	0.0	0.0
144	56.4	0.0	224.5	0.0	0.0	0.0
145	56.4	0.0	224.5	0.0	0.0	0.0
146	56.4	0.0	224.5	0.0	0.0	0.0
147	56.4	0.0	224.5	0.0	0.0	0.0
148	56.4	0.0	224.5	0.0	0.0	0.0
149	51.7	0.0	206.0	0.0	0.0	0.0
150	51.7	0.0	206.0	0.0	0.0	0.0
151	51.7	0.0	206.0	0.0	0.0	0.0
152	51.7	0.0	206.0	0.0	0.0	0.0
153	51.7	0.0	206.0	0.0	0.0	0.0
154	51.7	0.0	206.0	0.0	0.0	0.0



WEST REV1 CRL TMPCPGA.OUT.txt

155	51.7	0.0	206.0	0.0	0.0	0.0
156	47.1	0.0	187.4	0.0	0.0	0.0
157	47.1	0.0	187.4	0.0	0.0	0.0
158	47.1	0.0	187.4	0.0	0.0	0.0
159	47.1	0.0	187.4	0.0	0.0	0.0
160	47.1	0.0	187.4	0.0	0.0	0.0
161	47.1	0.0	187.4	0.0	0.0	0.0
162	47.1	0.0	187.4	0.0	0.0	0.0
163	42.5	0.0	168.9	0.0	0.0	0.0
164	42.5	0.0	168.9	0.0	0.0	0.0
165	42.5	0.0	168.9	0.0	0.0	0.0
166	42.5	0.0	168.9	0.0	0.0	0.0
167	42.5	0.0	168.9	0.0	0.0	0.0
168	42.5	0.0	168.9	0.0	0.0	0.0
169	42.5	0.0	168.9	0.0	0.0	0.0
170	37.8	0.0	150.4	0.0	0.0	0.0
171	37.8	0.0	150.4	0.0	0.0	0.0
172	37.8	0.0	150.4	0.0	0.0	0.0
173	37.8	0.0	150.4	0.0	0.0	0.0
174	37.8	0.0	150.4	0.0	0.0	0.0
175	37.8	0.0	150.4	0.0	0.0	0.0
176	37.8	0.0	150.4	0.0	0.0	0.0
177	-31.6	0.0	127.7	0.0	0.0	0.0
178	-29.4	0.0	118.9	0.0	0.0	0.0
179	-27.1	0.0	109.6	0.0	0.0	0.0
180	-24.8	0.0	100.4	0.0	0.0	0.0
181	56.5	0.0	225.0	0.0	0.0	0.0
182	51.9	0.0	206.5	0.0	0.0	0.0
183	47.2	0.0	187.9	0.0	0.0	0.0
184	44.9	0.0	178.6	0.0	0.0	0.0
185	42.6	0.0	169.4	0.0	0.0	0.0
186	40.3	0.0	160.1	0.0	0.0	0.0
187	-29.4	0.0	118.9	0.0	0.0	0.0
188	-27.1	0.0	109.6	0.0	0.0	0.0
189	-24.8	0.0	100.4	0.0	0.0	0.0
190	56.5	0.0	225.0	0.0	0.0	0.0
191	51.9	0.0	206.5	0.0	0.0	0.0
192	47.2	0.0	187.9	0.0	0.0	0.0
193	44.9	0.0	178.6	0.0	0.0	0.0
194	42.6	0.0	169.4	0.0	0.0	0.0
195	40.3	0.0	160.1	0.0	0.0	0.0
196	-31.6	0.0	127.7	0.0	0.0	0.0
197	-29.4	0.0	118.9	0.0	0.0	0.0
198	-27.1	0.0	109.6	0.0	0.0	0.0
199	-24.8	0.0	100.4	0.0	0.0	0.0
200	56.5	0.0	225.0	0.0	0.0	0.0
201	51.9	0.0	206.5	0.0	0.0	0.0
202	47.2	0.0	187.9	0.0	0.0	0.0

WEST REV1 CRL TMLCPGA.OUT.txt

203	44.9	0.0	178.6	0.0	0.0	0.0
204	42.6	0.0	169.4	0.0	0.0	0.0
205	40.3	0.0	160.1	0.0	0.0	0.0
206	-29.4	0.0	118.9	0.0	0.0	0.0
207	-27.1	0.0	109.6	0.0	0.0	0.0
208	-24.8	0.0	100.4	0.0	0.0	0.0
209	56.5	0.0	225.0	0.0	0.0	0.0
210	51.9	0.0	206.5	0.0	0.0	0.0
211	47.2	0.0	187.9	0.0	0.0	0.0
212	44.9	0.0	178.6	0.0	0.0	0.0
213	42.6	0.0	169.4	0.0	0.0	0.0
214	40.3	0.0	160.1	0.0	0.0	0.0
215	-27.0	0.0	109.1	0.0	0.0	0.0
216	-24.7	0.0	99.9	0.0	0.0	0.0
217	-24.7	0.0	99.9	0.0	0.0	0.0
218	42.5	0.0	168.9	0.0	0.0	0.0
219	56.4	0.0	224.5	0.0	0.0	0.0
220	51.7	0.0	206.0	0.0	0.0	0.0
221	47.1	0.0	187.4	0.0	0.0	0.0
222	44.8	0.0	178.2	0.0	0.0	0.0
223	56.4	0.0	224.5	0.0	0.0	0.0
224	51.7	0.0	206.0	0.0	0.0	0.0
225	47.1	0.0	187.4	0.0	0.0	0.0
226	44.8	0.0	178.2	0.0	0.0	0.0
227	56.4	0.0	224.5	0.0	0.0	0.0
228	51.7	0.0	206.0	0.0	0.0	0.0
229	47.1	0.0	187.4	0.0	0.0	0.0
230	44.8	0.0	178.2	0.0	0.0	0.0
231	-27.0	0.0	109.1	0.0	0.0	0.0
232	-24.7	0.0	99.9	0.0	0.0	0.0
233	-24.7	0.0	99.9	0.0	0.0	0.0
234	42.5	0.0	168.9	0.0	0.0	0.0
235	56.4	0.0	224.5	0.0	0.0	0.0
236	51.7	0.0	206.0	0.0	0.0	0.0
237	47.1	0.0	187.4	0.0	0.0	0.0
238	44.8	0.0	178.2	0.0	0.0	0.0
239	56.4	0.0	224.5	0.0	0.0	0.0
240	51.7	0.0	206.0	0.0	0.0	0.0
241	47.1	0.0	187.4	0.0	0.0	0.0
242	44.8	0.0	178.2	0.0	0.0	0.0
243	56.4	0.0	224.5	0.0	0.0	0.0
244	51.7	0.0	206.0	0.0	0.0	0.0
245	47.1	0.0	187.4	0.0	0.0	0.0
246	44.8	0.0	178.2	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

PILE	PX K	PY K	PZ K	MX IN-K	MY IN-K	MZ IN-K
1	-33.9	0.0	136.8	0.0	0.0	0.0
2	-33.9	0.0	136.8	0.0	0.0	0.0
3	-33.9	0.0	136.8	0.0	0.0	0.0
4	-33.9	0.0	136.8	0.0	0.0	0.0
5	-33.9	0.0	136.8	0.0	0.0	0.0
6	-31.3	0.0	126.4	0.0	0.0	0.0
7	-31.3	0.0	126.4	0.0	0.0	0.0
8	-31.3	0.0	126.4	0.0	0.0	0.0
9	-31.3	0.0	126.4	0.0	0.0	0.0
10	-31.3	0.0	126.4	0.0	0.0	0.0
11	-28.7	0.0	116.1	0.0	0.0	0.0
12	-28.7	0.0	116.1	0.0	0.0	0.0
13	-28.7	0.0	116.1	0.0	0.0	0.0
14	-28.7	0.0	116.1	0.0	0.0	0.0
15	-28.7	0.0	116.1	0.0	0.0	0.0
16	-26.1	0.0	105.7	0.0	0.0	0.0
17	-26.1	0.0	105.7	0.0	0.0	0.0
18	-26.1	0.0	105.7	0.0	0.0	0.0
19	-26.1	0.0	105.7	0.0	0.0	0.0
20	-26.1	0.0	105.7	0.0	0.0	0.0
21	-23.5	0.0	95.3	0.0	0.0	0.0
22	-23.5	0.0	95.3	0.0	0.0	0.0
23	-23.5	0.0	95.3	0.0	0.0	0.0
24	-23.5	0.0	95.3	0.0	0.0	0.0
25	-23.5	0.0	95.3	0.0	0.0	0.0
26	57.9	0.0	230.5	0.0	0.0	0.0
27	57.9	0.0	230.5	0.0	0.0	0.0
28	57.9	0.0	230.5	0.0	0.0	0.0
29	57.9	0.0	230.5	0.0	0.0	0.0
30	57.9	0.0	230.5	0.0	0.0	0.0
31	52.7	0.0	209.8	0.0	0.0	0.0
32	52.7	0.0	209.8	0.0	0.0	0.0
33	52.7	0.0	209.8	0.0	0.0	0.0
34	52.7	0.0	209.8	0.0	0.0	0.0
35	52.7	0.0	209.8	0.0	0.0	0.0
36	47.5	0.0	189.0	0.0	0.0	0.0
37	47.5	0.0	189.0	0.0	0.0	0.0
38	47.5	0.0	189.0	0.0	0.0	0.0
39	47.5	0.0	189.0	0.0	0.0	0.0
40	47.5	0.0	189.0	0.0	0.0	0.0
41	44.9	0.0	178.7	0.0	0.0	0.0
42	44.9	0.0	178.7	0.0	0.0	0.0
43	44.9	0.0	178.7	0.0	0.0	0.0
44	44.9	0.0	178.7	0.0	0.0	0.0
45	44.9	0.0	178.7	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

46	42.4	0.0	168.3	0.0	0.0	0.0
47	42.4	0.0	168.3	0.0	0.0	0.0
48	42.4	0.0	168.3	0.0	0.0	0.0
49	42.4	0.0	168.3	0.0	0.0	0.0
50	42.4	0.0	168.3	0.0	0.0	0.0
51	39.8	0.0	158.0	0.0	0.0	0.0
52	39.8	0.0	158.0	0.0	0.0	0.0
53	39.8	0.0	158.0	0.0	0.0	0.0
54	39.8	0.0	158.0	0.0	0.0	0.0
55	39.8	0.0	158.0	0.0	0.0	0.0
56	37.2	0.0	147.6	0.0	0.0	0.0
57	37.2	0.0	147.6	0.0	0.0	0.0
58	37.2	0.0	147.6	0.0	0.0	0.0
59	37.2	0.0	147.6	0.0	0.0	0.0
60	37.2	0.0	147.6	0.0	0.0	0.0
61	-33.9	0.0	136.8	0.0	0.0	0.0
62	-33.9	0.0	136.8	0.0	0.0	0.0
63	-33.9	0.0	136.8	0.0	0.0	0.0
64	-33.9	0.0	136.8	0.0	0.0	0.0
65	-33.9	0.0	136.8	0.0	0.0	0.0
66	-31.3	0.0	126.4	0.0	0.0	0.0
67	-31.3	0.0	126.4	0.0	0.0	0.0
68	-31.3	0.0	126.4	0.0	0.0	0.0
69	-31.3	0.0	126.4	0.0	0.0	0.0
70	-31.3	0.0	126.4	0.0	0.0	0.0
71	-28.7	0.0	116.1	0.0	0.0	0.0
72	-28.7	0.0	116.1	0.0	0.0	0.0
73	-28.7	0.0	116.1	0.0	0.0	0.0
74	-28.7	0.0	116.1	0.0	0.0	0.0
75	-28.7	0.0	116.1	0.0	0.0	0.0
76	-26.1	0.0	105.7	0.0	0.0	0.0
77	-26.1	0.0	105.7	0.0	0.0	0.0
78	-26.1	0.0	105.7	0.0	0.0	0.0
79	-26.1	0.0	105.7	0.0	0.0	0.0
80	-26.1	0.0	105.7	0.0	0.0	0.0
81	-23.5	0.0	95.3	0.0	0.0	0.0
82	-23.5	0.0	95.3	0.0	0.0	0.0
83	-23.5	0.0	95.3	0.0	0.0	0.0
84	-23.5	0.0	95.3	0.0	0.0	0.0
85	-23.5	0.0	95.3	0.0	0.0	0.0
86	57.9	0.0	230.5	0.0	0.0	0.0
87	57.9	0.0	230.5	0.0	0.0	0.0
88	57.9	0.0	230.5	0.0	0.0	0.0
89	57.9	0.0	230.5	0.0	0.0	0.0
90	57.9	0.0	230.5	0.0	0.0	0.0
91	52.7	0.0	209.8	0.0	0.0	0.0
92	52.7	0.0	209.8	0.0	0.0	0.0
93	52.7	0.0	209.8	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

94	52.7	0.0	209.8	0.0	0.0	0.0
95	52.7	0.0	209.8	0.0	0.0	0.0
96	47.5	0.0	189.0	0.0	0.0	0.0
97	47.5	0.0	189.0	0.0	0.0	0.0
98	47.5	0.0	189.0	0.0	0.0	0.0
99	47.5	0.0	189.0	0.0	0.0	0.0
100	47.5	0.0	189.0	0.0	0.0	0.0
101	44.9	0.0	178.7	0.0	0.0	0.0
102	44.9	0.0	178.7	0.0	0.0	0.0
103	44.9	0.0	178.7	0.0	0.0	0.0
104	44.9	0.0	178.7	0.0	0.0	0.0
105	44.9	0.0	178.7	0.0	0.0	0.0
106	42.4	0.0	168.3	0.0	0.0	0.0
107	42.4	0.0	168.3	0.0	0.0	0.0
108	42.4	0.0	168.3	0.0	0.0	0.0
109	42.4	0.0	168.3	0.0	0.0	0.0
110	42.4	0.0	168.3	0.0	0.0	0.0
111	39.8	0.0	158.0	0.0	0.0	0.0
112	39.8	0.0	158.0	0.0	0.0	0.0
113	39.8	0.0	158.0	0.0	0.0	0.0
114	39.8	0.0	158.0	0.0	0.0	0.0
115	39.8	0.0	158.0	0.0	0.0	0.0
116	37.2	0.0	147.6	0.0	0.0	0.0
117	37.2	0.0	147.6	0.0	0.0	0.0
118	37.2	0.0	147.6	0.0	0.0	0.0
119	37.2	0.0	147.6	0.0	0.0	0.0
120	37.2	0.0	147.6	0.0	0.0	0.0
121	-33.9	0.0	136.8	0.0	0.0	0.0
122	-33.9	0.0	136.8	0.0	0.0	0.0
123	-33.9	0.0	136.8	0.0	0.0	0.0
124	-33.9	0.0	136.8	0.0	0.0	0.0
125	-33.9	0.0	136.8	0.0	0.0	0.0
126	-33.9	0.0	136.8	0.0	0.0	0.0
127	-33.9	0.0	136.8	0.0	0.0	0.0
128	-28.7	0.0	116.1	0.0	0.0	0.0
129	-28.7	0.0	116.1	0.0	0.0	0.0
130	-28.7	0.0	116.1	0.0	0.0	0.0
131	-28.7	0.0	116.1	0.0	0.0	0.0
132	-28.7	0.0	116.1	0.0	0.0	0.0
133	-28.7	0.0	116.1	0.0	0.0	0.0
134	-28.7	0.0	116.1	0.0	0.0	0.0
135	-23.5	0.0	95.3	0.0	0.0	0.0
136	-23.5	0.0	95.3	0.0	0.0	0.0
137	-23.5	0.0	95.3	0.0	0.0	0.0
138	-23.5	0.0	95.3	0.0	0.0	0.0
139	-23.5	0.0	95.3	0.0	0.0	0.0
140	-23.5	0.0	95.3	0.0	0.0	0.0
141	-23.5	0.0	95.3	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

142	57.9	0.0	230.5	0.0	0.0	0.0
143	57.9	0.0	230.5	0.0	0.0	0.0
144	57.9	0.0	230.5	0.0	0.0	0.0
145	57.9	0.0	230.5	0.0	0.0	0.0
146	57.9	0.0	230.5	0.0	0.0	0.0
147	57.9	0.0	230.5	0.0	0.0	0.0
148	57.9	0.0	230.5	0.0	0.0	0.0
149	52.7	0.0	209.8	0.0	0.0	0.0
150	52.7	0.0	209.8	0.0	0.0	0.0
151	52.7	0.0	209.8	0.0	0.0	0.0
152	52.7	0.0	209.8	0.0	0.0	0.0
153	52.7	0.0	209.8	0.0	0.0	0.0
154	52.7	0.0	209.8	0.0	0.0	0.0
155	52.7	0.0	209.8	0.0	0.0	0.0
156	47.5	0.0	189.0	0.0	0.0	0.0
157	47.5	0.0	189.0	0.0	0.0	0.0
158	47.5	0.0	189.0	0.0	0.0	0.0
159	47.5	0.0	189.0	0.0	0.0	0.0
160	47.5	0.0	189.0	0.0	0.0	0.0
161	47.5	0.0	189.0	0.0	0.0	0.0
162	47.5	0.0	189.0	0.0	0.0	0.0
163	42.4	0.0	168.3	0.0	0.0	0.0
164	42.4	0.0	168.3	0.0	0.0	0.0
165	42.4	0.0	168.3	0.0	0.0	0.0
166	42.4	0.0	168.3	0.0	0.0	0.0
167	42.4	0.0	168.3	0.0	0.0	0.0
168	42.4	0.0	168.3	0.0	0.0	0.0
169	42.4	0.0	168.3	0.0	0.0	0.0
170	37.2	0.0	147.6	0.0	0.0	0.0
171	37.2	0.0	147.6	0.0	0.0	0.0
172	37.2	0.0	147.6	0.0	0.0	0.0
173	37.2	0.0	147.6	0.0	0.0	0.0
174	37.2	0.0	147.6	0.0	0.0	0.0
175	37.2	0.0	147.6	0.0	0.0	0.0
176	37.2	0.0	147.6	0.0	0.0	0.0
177	-31.3	0.0	126.4	0.0	0.0	0.0
178	-28.8	0.0	116.6	0.0	0.0	0.0
179	-26.2	0.0	106.2	0.0	0.0	0.0
180	-23.6	0.0	95.9	0.0	0.0	0.0
181	58.0	0.0	231.0	0.0	0.0	0.0
182	52.8	0.0	210.3	0.0	0.0	0.0
183	47.7	0.0	189.6	0.0	0.0	0.0
184	45.1	0.0	179.2	0.0	0.0	0.0
185	42.5	0.0	168.9	0.0	0.0	0.0
186	39.9	0.0	158.5	0.0	0.0	0.0
187	-28.8	0.0	116.6	0.0	0.0	0.0
188	-26.2	0.0	106.2	0.0	0.0	0.0
189	-23.6	0.0	95.9	0.0	0.0	0.0

WEST REV1 CRL TPCPGA.OUT.txt

190	58.0	0.0	231.0	0.0	0.0	0.0
191	52.8	0.0	210.3	0.0	0.0	0.0
192	47.7	0.0	189.6	0.0	0.0	0.0
193	45.1	0.0	179.2	0.0	0.0	0.0
194	42.5	0.0	168.9	0.0	0.0	0.0
195	39.9	0.0	158.5	0.0	0.0	0.0
196	-31.3	0.0	126.4	0.0	0.0	0.0
197	-28.8	0.0	116.6	0.0	0.0	0.0
198	-26.2	0.0	106.2	0.0	0.0	0.0
199	-23.6	0.0	95.9	0.0	0.0	0.0
200	58.0	0.0	231.0	0.0	0.0	0.0
201	52.8	0.0	210.3	0.0	0.0	0.0
202	47.7	0.0	189.6	0.0	0.0	0.0
203	45.1	0.0	179.2	0.0	0.0	0.0
204	42.5	0.0	168.9	0.0	0.0	0.0
205	39.9	0.0	158.5	0.0	0.0	0.0
206	-28.8	0.0	116.6	0.0	0.0	0.0
207	-26.2	0.0	106.2	0.0	0.0	0.0
208	-23.6	0.0	95.9	0.0	0.0	0.0
209	58.0	0.0	231.0	0.0	0.0	0.0
210	52.8	0.0	210.3	0.0	0.0	0.0
211	47.7	0.0	189.6	0.0	0.0	0.0
212	45.1	0.0	179.2	0.0	0.0	0.0
213	42.5	0.0	168.9	0.0	0.0	0.0
214	39.9	0.0	158.5	0.0	0.0	0.0
215	-26.1	0.0	105.7	0.0	0.0	0.0
216	-23.5	0.0	95.3	0.0	0.0	0.0
217	-23.5	0.0	95.3	0.0	0.0	0.0
218	42.4	0.0	168.3	0.0	0.0	0.0
219	57.9	0.0	230.5	0.0	0.0	0.0
220	52.7	0.0	209.8	0.0	0.0	0.0
221	47.5	0.0	189.0	0.0	0.0	0.0
222	44.9	0.0	178.7	0.0	0.0	0.0
223	57.9	0.0	230.5	0.0	0.0	0.0
224	52.7	0.0	209.8	0.0	0.0	0.0
225	47.5	0.0	189.0	0.0	0.0	0.0
226	44.9	0.0	178.7	0.0	0.0	0.0
227	57.9	0.0	230.5	0.0	0.0	0.0
228	52.7	0.0	209.8	0.0	0.0	0.0
229	47.5	0.0	189.0	0.0	0.0	0.0
230	44.9	0.0	178.7	0.0	0.0	0.0
231	-26.1	0.0	105.7	0.0	0.0	0.0
232	-23.5	0.0	95.3	0.0	0.0	0.0
233	-23.5	0.0	95.3	0.0	0.0	0.0
234	42.4	0.0	168.3	0.0	0.0	0.0
235	57.9	0.0	230.5	0.0	0.0	0.0
236	52.7	0.0	209.8	0.0	0.0	0.0
237	47.5	0.0	189.0	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

238	44.9	0.0	178.7	0.0	0.0	0.0
239	57.9	0.0	230.5	0.0	0.0	0.0
240	52.7	0.0	209.8	0.0	0.0	0.0
241	47.5	0.0	189.0	0.0	0.0	0.0
242	44.9	0.0	178.7	0.0	0.0	0.0
243	57.9	0.0	230.5	0.0	0.0	0.0
244	52.7	0.0	209.8	0.0	0.0	0.0
245	47.5	0.0	189.0	0.0	0.0	0.0
246	44.9	0.0	178.7	0.0	0.0	0.0

LOAD CASE - 5

PILE	PX K	PY K	PZ K	MX IN-K	MY IN-K	MZ IN-K
1	-40.8	0.0	159.4	0.0	0.0	0.0
2	-40.8	0.0	159.4	0.0	0.0	0.0
3	-40.8	0.0	159.4	0.0	0.0	0.0
4	-40.8	0.0	159.4	0.0	0.0	0.0
5	-40.8	0.0	159.4	0.0	0.0	0.0
6	-52.3	0.0	205.5	0.0	0.0	0.0
7	-52.3	0.0	205.5	0.0	0.0	0.0
8	-52.3	0.0	205.5	0.0	0.0	0.0
9	-52.3	0.0	205.5	0.0	0.0	0.0
10	-52.3	0.0	205.5	0.0	0.0	0.0
11	-63.8	0.0	251.5	0.0	0.0	0.0
12	-63.8	0.0	251.5	0.0	0.0	0.0
13	-63.8	0.0	251.5	0.0	0.0	0.0
14	-63.8	0.0	251.5	0.0	0.0	0.0
15	-63.8	0.0	251.5	0.0	0.0	0.0
16	-75.3	0.0	297.6	0.0	0.0	0.0
17	-75.3	0.0	297.6	0.0	0.0	0.0
18	-75.3	0.0	297.6	0.0	0.0	0.0
19	-75.3	0.0	297.6	0.0	0.0	0.0
20	-75.3	0.0	297.6	0.0	0.0	0.0
21	-86.8	0.0	343.6	0.0	0.0	0.0
22	-86.8	0.0	343.6	0.0	0.0	0.0
23	-86.8	0.0	343.6	0.0	0.0	0.0
24	-86.8	0.0	343.6	0.0	0.0	0.0
25	-86.8	0.0	343.6	0.0	0.0	0.0
26	-18.0	0.0	-68.0	0.0	0.0	0.0
27	-18.0	0.0	-68.0	0.0	0.0	0.0
28	-18.0	0.0	-68.0	0.0	0.0	0.0
29	-18.0	0.0	-68.0	0.0	0.0	0.0
30	-18.0	0.0	-68.0	0.0	0.0	0.0
31	5.0	0.0	24.1	0.0	0.0	0.0
32	5.0	0.0	24.1	0.0	0.0	0.0



WEST REV1 CRL TMPCPGA.OUT.txt

33	5.0	0.0	24.1	0.0	0.0	0.0
34	5.0	0.0	24.1	0.0	0.0	0.0
35	5.0	0.0	24.1	0.0	0.0	0.0
36	28.0	0.0	116.2	0.0	0.0	0.0
37	28.0	0.0	116.2	0.0	0.0	0.0
38	28.0	0.0	116.2	0.0	0.0	0.0
39	28.0	0.0	116.2	0.0	0.0	0.0
40	28.0	0.0	116.2	0.0	0.0	0.0
41	39.5	0.0	162.3	0.0	0.0	0.0
42	39.5	0.0	162.3	0.0	0.0	0.0
43	39.5	0.0	162.3	0.0	0.0	0.0
44	39.5	0.0	162.3	0.0	0.0	0.0
45	39.5	0.0	162.3	0.0	0.0	0.0
46	51.0	0.0	208.3	0.0	0.0	0.0
47	51.0	0.0	208.3	0.0	0.0	0.0
48	51.0	0.0	208.3	0.0	0.0	0.0
49	51.0	0.0	208.3	0.0	0.0	0.0
50	51.0	0.0	208.3	0.0	0.0	0.0
51	62.5	0.0	254.4	0.0	0.0	0.0
52	62.5	0.0	254.4	0.0	0.0	0.0
53	62.5	0.0	254.4	0.0	0.0	0.0
54	62.5	0.0	254.4	0.0	0.0	0.0
55	62.5	0.0	254.4	0.0	0.0	0.0
56	74.0	0.0	300.4	0.0	0.0	0.0
57	74.0	0.0	300.4	0.0	0.0	0.0
58	74.0	0.0	300.4	0.0	0.0	0.0
59	74.0	0.0	300.4	0.0	0.0	0.0
60	74.0	0.0	300.4	0.0	0.0	0.0
61	-40.8	0.0	159.4	0.0	0.0	0.0
62	-40.8	0.0	159.4	0.0	0.0	0.0
63	-40.8	0.0	159.4	0.0	0.0	0.0
64	-40.8	0.0	159.4	0.0	0.0	0.0
65	-40.8	0.0	159.4	0.0	0.0	0.0
66	-52.3	0.0	205.5	0.0	0.0	0.0
67	-52.3	0.0	205.5	0.0	0.0	0.0
68	-52.3	0.0	205.5	0.0	0.0	0.0
69	-52.3	0.0	205.5	0.0	0.0	0.0
70	-52.3	0.0	205.5	0.0	0.0	0.0
71	-63.8	0.0	251.5	0.0	0.0	0.0
72	-63.8	0.0	251.5	0.0	0.0	0.0
73	-63.8	0.0	251.5	0.0	0.0	0.0
74	-63.8	0.0	251.5	0.0	0.0	0.0
75	-63.8	0.0	251.5	0.0	0.0	0.0
76	-75.3	0.0	297.6	0.0	0.0	0.0
77	-75.3	0.0	297.6	0.0	0.0	0.0
78	-75.3	0.0	297.6	0.0	0.0	0.0
79	-75.3	0.0	297.6	0.0	0.0	0.0
80	-75.3	0.0	297.6	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

81	-86.8	0.0	343.6	0.0	0.0	0.0
82	-86.8	0.0	343.6	0.0	0.0	0.0
83	-86.8	0.0	343.6	0.0	0.0	0.0
84	-86.8	0.0	343.6	0.0	0.0	0.0
85	-86.8	0.0	343.6	0.0	0.0	0.0
86	-18.0	0.0	-68.0	0.0	0.0	0.0
87	-18.0	0.0	-68.0	0.0	0.0	0.0
88	-18.0	0.0	-68.0	0.0	0.0	0.0
89	-18.0	0.0	-68.0	0.0	0.0	0.0
90	-18.0	0.0	-68.0	0.0	0.0	0.0
91	5.0	0.0	24.1	0.0	0.0	0.0
92	5.0	0.0	24.1	0.0	0.0	0.0
93	5.0	0.0	24.1	0.0	0.0	0.0
94	5.0	0.0	24.1	0.0	0.0	0.0
95	5.0	0.0	24.1	0.0	0.0	0.0
96	28.0	0.0	116.2	0.0	0.0	0.0
97	28.0	0.0	116.2	0.0	0.0	0.0
98	28.0	0.0	116.2	0.0	0.0	0.0
99	28.0	0.0	116.2	0.0	0.0	0.0
100	28.0	0.0	116.2	0.0	0.0	0.0
101	39.5	0.0	162.3	0.0	0.0	0.0
102	39.5	0.0	162.3	0.0	0.0	0.0
103	39.5	0.0	162.3	0.0	0.0	0.0
104	39.5	0.0	162.3	0.0	0.0	0.0
105	39.5	0.0	162.3	0.0	0.0	0.0
106	51.0	0.0	208.3	0.0	0.0	0.0
107	51.0	0.0	208.3	0.0	0.0	0.0
108	51.0	0.0	208.3	0.0	0.0	0.0
109	51.0	0.0	208.3	0.0	0.0	0.0
110	51.0	0.0	208.3	0.0	0.0	0.0
111	62.5	0.0	254.4	0.0	0.0	0.0
112	62.5	0.0	254.4	0.0	0.0	0.0
113	62.5	0.0	254.4	0.0	0.0	0.0
114	62.5	0.0	254.4	0.0	0.0	0.0
115	62.5	0.0	254.4	0.0	0.0	0.0
116	74.0	0.0	300.4	0.0	0.0	0.0
117	74.0	0.0	300.4	0.0	0.0	0.0
118	74.0	0.0	300.4	0.0	0.0	0.0
119	74.0	0.0	300.4	0.0	0.0	0.0
120	74.0	0.0	300.4	0.0	0.0	0.0
121	-40.8	0.0	159.4	0.0	0.0	0.0
122	-40.8	0.0	159.4	0.0	0.0	0.0
123	-40.8	0.0	159.4	0.0	0.0	0.0
124	-40.8	0.0	159.4	0.0	0.0	0.0
125	-40.8	0.0	159.4	0.0	0.0	0.0
126	-40.8	0.0	159.4	0.0	0.0	0.0
127	-40.8	0.0	159.4	0.0	0.0	0.0
128	-63.8	0.0	251.5	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

129	-63.8	0.0	251.5	0.0	0.0	0.0
130	-63.8	0.0	251.5	0.0	0.0	0.0
131	-63.8	0.0	251.5	0.0	0.0	0.0
132	-63.8	0.0	251.5	0.0	0.0	0.0
133	-63.8	0.0	251.5	0.0	0.0	0.0
134	-63.8	0.0	251.5	0.0	0.0	0.0
135	-86.8	0.0	343.6	0.0	0.0	0.0
136	-86.8	0.0	343.6	0.0	0.0	0.0
137	-86.8	0.0	343.6	0.0	0.0	0.0
138	-86.8	0.0	343.6	0.0	0.0	0.0
139	-86.8	0.0	343.6	0.0	0.0	0.0
140	-86.8	0.0	343.6	0.0	0.0	0.0
141	-86.8	0.0	343.6	0.0	0.0	0.0
142	-18.0	0.0	-68.0	0.0	0.0	0.0
143	-18.0	0.0	-68.0	0.0	0.0	0.0
144	-18.0	0.0	-68.0	0.0	0.0	0.0
145	-18.0	0.0	-68.0	0.0	0.0	0.0
146	-18.0	0.0	-68.0	0.0	0.0	0.0
147	-18.0	0.0	-68.0	0.0	0.0	0.0
148	-18.0	0.0	-68.0	0.0	0.0	0.0
149	5.0	0.0	24.1	0.0	0.0	0.0
150	5.0	0.0	24.1	0.0	0.0	0.0
151	5.0	0.0	24.1	0.0	0.0	0.0
152	5.0	0.0	24.1	0.0	0.0	0.0
153	5.0	0.0	24.1	0.0	0.0	0.0
154	5.0	0.0	24.1	0.0	0.0	0.0
155	5.0	0.0	24.1	0.0	0.0	0.0
156	28.0	0.0	116.2	0.0	0.0	0.0
157	28.0	0.0	116.2	0.0	0.0	0.0
158	28.0	0.0	116.2	0.0	0.0	0.0
159	28.0	0.0	116.2	0.0	0.0	0.0
160	28.0	0.0	116.2	0.0	0.0	0.0
161	28.0	0.0	116.2	0.0	0.0	0.0
162	28.0	0.0	116.2	0.0	0.0	0.0
163	51.0	0.0	208.3	0.0	0.0	0.0
164	51.0	0.0	208.3	0.0	0.0	0.0
165	51.0	0.0	208.3	0.0	0.0	0.0
166	51.0	0.0	208.3	0.0	0.0	0.0
167	51.0	0.0	208.3	0.0	0.0	0.0
168	51.0	0.0	208.3	0.0	0.0	0.0
169	51.0	0.0	208.3	0.0	0.0	0.0
170	74.0	0.0	300.4	0.0	0.0	0.0
171	74.0	0.0	300.4	0.0	0.0	0.0
172	74.0	0.0	300.4	0.0	0.0	0.0
173	74.0	0.0	300.4	0.0	0.0	0.0
174	74.0	0.0	300.4	0.0	0.0	0.0
175	74.0	0.0	300.4	0.0	0.0	0.0
176	74.0	0.0	300.4	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

177	-52.3	0.0	205.5	0.0	0.0	0.0
178	-63.2	0.0	249.1	0.0	0.0	0.0
179	-74.7	0.0	295.2	0.0	0.0	0.0
180	-86.2	0.0	341.2	0.0	0.0	0.0
181	-18.6	0.0	-70.4	0.0	0.0	0.0
182	4.4	0.0	21.7	0.0	0.0	0.0
183	27.4	0.0	113.8	0.0	0.0	0.0
184	38.9	0.0	159.9	0.0	0.0	0.0
185	50.4	0.0	205.9	0.0	0.0	0.0
186	61.9	0.0	252.0	0.0	0.0	0.0
187	-63.2	0.0	249.1	0.0	0.0	0.0
188	-74.7	0.0	295.2	0.0	0.0	0.0
189	-86.2	0.0	341.2	0.0	0.0	0.0
190	-18.6	0.0	-70.4	0.0	0.0	0.0
191	4.4	0.0	21.7	0.0	0.0	0.0
192	27.4	0.0	113.8	0.0	0.0	0.0
193	38.9	0.0	159.9	0.0	0.0	0.0
194	50.4	0.0	205.9	0.0	0.0	0.0
195	61.9	0.0	252.0	0.0	0.0	0.0
196	-52.3	0.0	205.5	0.0	0.0	0.0
197	-63.2	0.0	249.1	0.0	0.0	0.0
198	-74.7	0.0	295.2	0.0	0.0	0.0
199	-86.2	0.0	341.2	0.0	0.0	0.0
200	-18.6	0.0	-70.4	0.0	0.0	0.0
201	4.4	0.0	21.7	0.0	0.0	0.0
202	27.4	0.0	113.8	0.0	0.0	0.0
203	38.9	0.0	159.9	0.0	0.0	0.0
204	50.4	0.0	205.9	0.0	0.0	0.0
205	61.9	0.0	252.0	0.0	0.0	0.0
206	-63.2	0.0	249.1	0.0	0.0	0.0
207	-74.7	0.0	295.2	0.0	0.0	0.0
208	-86.2	0.0	341.2	0.0	0.0	0.0
209	-18.6	0.0	-70.4	0.0	0.0	0.0
210	4.4	0.0	21.7	0.0	0.0	0.0
211	27.4	0.0	113.8	0.0	0.0	0.0
212	38.9	0.0	159.9	0.0	0.0	0.0
213	50.4	0.0	205.9	0.0	0.0	0.0
214	61.9	0.0	252.0	0.0	0.0	0.0
215	-75.3	0.0	297.6	0.0	0.0	0.0
216	-86.8	0.0	343.6	0.0	0.0	0.0
217	-86.8	0.0	343.6	0.0	0.0	0.0
218	51.0	0.0	208.3	0.0	0.0	0.0
219	-18.0	0.0	-68.0	0.0	0.0	0.0
220	5.0	0.0	24.1	0.0	0.0	0.0
221	28.0	0.0	116.2	0.0	0.0	0.0
222	39.5	0.0	162.3	0.0	0.0	0.0
223	-18.0	0.0	-68.0	0.0	0.0	0.0
224	5.0	0.0	24.1	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

225	28.0	0.0	116.2	0.0	0.0	0.0
226	39.5	0.0	162.3	0.0	0.0	0.0
227	-18.0	0.0	-68.0	0.0	0.0	0.0
228	5.0	0.0	24.1	0.0	0.0	0.0
229	28.0	0.0	116.2	0.0	0.0	0.0
230	39.5	0.0	162.3	0.0	0.0	0.0
231	-75.3	0.0	297.6	0.0	0.0	0.0
232	-86.8	0.0	343.6	0.0	0.0	0.0
233	-86.8	0.0	343.6	0.0	0.0	0.0
234	51.0	0.0	208.3	0.0	0.0	0.0
235	-18.0	0.0	-68.0	0.0	0.0	0.0
236	5.0	0.0	24.1	0.0	0.0	0.0
237	28.0	0.0	116.2	0.0	0.0	0.0
238	39.5	0.0	162.3	0.0	0.0	0.0
239	-18.0	0.0	-68.0	0.0	0.0	0.0
240	5.0	0.0	24.1	0.0	0.0	0.0
241	28.0	0.0	116.2	0.0	0.0	0.0
242	39.5	0.0	162.3	0.0	0.0	0.0
243	-18.0	0.0	-68.0	0.0	0.0	0.0
244	5.0	0.0	24.1	0.0	0.0	0.0
245	28.0	0.0	116.2	0.0	0.0	0.0
246	39.5	0.0	162.3	0.0	0.0	0.0

LOAD CASE - 6

PILE	PX K	PY K	PZ K	MX IN-K	MY IN-K	MZ IN-K
1	-40.9	0.0	159.7	0.0	0.0	0.0
2	-40.9	0.0	159.7	0.0	0.0	0.0
3	-40.9	0.0	159.7	0.0	0.0	0.0
4	-40.9	0.0	159.7	0.0	0.0	0.0
5	-40.9	0.0	159.7	0.0	0.0	0.0
6	-52.9	0.0	207.7	0.0	0.0	0.0
7	-52.9	0.0	207.7	0.0	0.0	0.0
8	-52.9	0.0	207.7	0.0	0.0	0.0
9	-52.9	0.0	207.7	0.0	0.0	0.0
10	-52.9	0.0	207.7	0.0	0.0	0.0
11	-64.9	0.0	255.7	0.0	0.0	0.0
12	-64.9	0.0	255.7	0.0	0.0	0.0
13	-64.9	0.0	255.7	0.0	0.0	0.0
14	-64.9	0.0	255.7	0.0	0.0	0.0
15	-64.9	0.0	255.7	0.0	0.0	0.0
16	-76.9	0.0	303.6	0.0	0.0	0.0
17	-76.9	0.0	303.6	0.0	0.0	0.0
18	-76.9	0.0	303.6	0.0	0.0	0.0
19	-76.9	0.0	303.6	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

20	-76.9	0.0	303.6	0.0	0.0	0.0
21	-88.9	0.0	351.6	0.0	0.0	0.0
22	-88.9	0.0	351.6	0.0	0.0	0.0
23	-88.9	0.0	351.6	0.0	0.0	0.0
24	-88.9	0.0	351.6	0.0	0.0	0.0
25	-88.9	0.0	351.6	0.0	0.0	0.0
26	-20.7	0.0	-78.5	0.0	0.0	0.0
27	-20.7	0.0	-78.5	0.0	0.0	0.0
28	-20.7	0.0	-78.5	0.0	0.0	0.0
29	-20.7	0.0	-78.5	0.0	0.0	0.0
30	-20.7	0.0	-78.5	0.0	0.0	0.0
31	3.3	0.0	17.4	0.0	0.0	0.0
32	3.3	0.0	17.4	0.0	0.0	0.0
33	3.3	0.0	17.4	0.0	0.0	0.0
34	3.3	0.0	17.4	0.0	0.0	0.0
35	3.3	0.0	17.4	0.0	0.0	0.0
36	27.3	0.0	113.4	0.0	0.0	0.0
37	27.3	0.0	113.4	0.0	0.0	0.0
38	27.3	0.0	113.4	0.0	0.0	0.0
39	27.3	0.0	113.4	0.0	0.0	0.0
40	27.3	0.0	113.4	0.0	0.0	0.0
41	39.3	0.0	161.4	0.0	0.0	0.0
42	39.3	0.0	161.4	0.0	0.0	0.0
43	39.3	0.0	161.4	0.0	0.0	0.0
44	39.3	0.0	161.4	0.0	0.0	0.0
45	39.3	0.0	161.4	0.0	0.0	0.0
46	51.2	0.0	209.3	0.0	0.0	0.0
47	51.2	0.0	209.3	0.0	0.0	0.0
48	51.2	0.0	209.3	0.0	0.0	0.0
49	51.2	0.0	209.3	0.0	0.0	0.0
50	51.2	0.0	209.3	0.0	0.0	0.0
51	63.2	0.0	257.3	0.0	0.0	0.0
52	63.2	0.0	257.3	0.0	0.0	0.0
53	63.2	0.0	257.3	0.0	0.0	0.0
54	63.2	0.0	257.3	0.0	0.0	0.0
55	63.2	0.0	257.3	0.0	0.0	0.0
56	75.2	0.0	305.3	0.0	0.0	0.0
57	75.2	0.0	305.3	0.0	0.0	0.0
58	75.2	0.0	305.3	0.0	0.0	0.0
59	75.2	0.0	305.3	0.0	0.0	0.0
60	75.2	0.0	305.3	0.0	0.0	0.0
61	-40.9	0.0	159.7	0.0	0.0	0.0
62	-40.9	0.0	159.7	0.0	0.0	0.0
63	-40.9	0.0	159.7	0.0	0.0	0.0
64	-40.9	0.0	159.7	0.0	0.0	0.0
65	-40.9	0.0	159.7	0.0	0.0	0.0
66	-52.9	0.0	207.7	0.0	0.0	0.0
67	-52.9	0.0	207.7	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

68	-52.9	0.0	207.7	0.0	0.0	0.0
69	-52.9	0.0	207.7	0.0	0.0	0.0
70	-52.9	0.0	207.7	0.0	0.0	0.0
71	-64.9	0.0	255.7	0.0	0.0	0.0
72	-64.9	0.0	255.7	0.0	0.0	0.0
73	-64.9	0.0	255.7	0.0	0.0	0.0
74	-64.9	0.0	255.7	0.0	0.0	0.0
75	-64.9	0.0	255.7	0.0	0.0	0.0
76	-76.9	0.0	303.6	0.0	0.0	0.0
77	-76.9	0.0	303.6	0.0	0.0	0.0
78	-76.9	0.0	303.6	0.0	0.0	0.0
79	-76.9	0.0	303.6	0.0	0.0	0.0
80	-76.9	0.0	303.6	0.0	0.0	0.0
81	-88.9	0.0	351.6	0.0	0.0	0.0
82	-88.9	0.0	351.6	0.0	0.0	0.0
83	-88.9	0.0	351.6	0.0	0.0	0.0
84	-88.9	0.0	351.6	0.0	0.0	0.0
85	-88.9	0.0	351.6	0.0	0.0	0.0
86	-20.7	0.0	-78.5	0.0	0.0	0.0
87	-20.7	0.0	-78.5	0.0	0.0	0.0
88	-20.7	0.0	-78.5	0.0	0.0	0.0
89	-20.7	0.0	-78.5	0.0	0.0	0.0
90	-20.7	0.0	-78.5	0.0	0.0	0.0
91	3.3	0.0	17.4	0.0	0.0	0.0
92	3.3	0.0	17.4	0.0	0.0	0.0
93	3.3	0.0	17.4	0.0	0.0	0.0
94	3.3	0.0	17.4	0.0	0.0	0.0
95	3.3	0.0	17.4	0.0	0.0	0.0
96	27.3	0.0	113.4	0.0	0.0	0.0
97	27.3	0.0	113.4	0.0	0.0	0.0
98	27.3	0.0	113.4	0.0	0.0	0.0
99	27.3	0.0	113.4	0.0	0.0	0.0
100	27.3	0.0	113.4	0.0	0.0	0.0
101	39.3	0.0	161.4	0.0	0.0	0.0
102	39.3	0.0	161.4	0.0	0.0	0.0
103	39.3	0.0	161.4	0.0	0.0	0.0
104	39.3	0.0	161.4	0.0	0.0	0.0
105	39.3	0.0	161.4	0.0	0.0	0.0
106	51.2	0.0	209.3	0.0	0.0	0.0
107	51.2	0.0	209.3	0.0	0.0	0.0
108	51.2	0.0	209.3	0.0	0.0	0.0
109	51.2	0.0	209.3	0.0	0.0	0.0
110	51.2	0.0	209.3	0.0	0.0	0.0
111	63.2	0.0	257.3	0.0	0.0	0.0
112	63.2	0.0	257.3	0.0	0.0	0.0
113	63.2	0.0	257.3	0.0	0.0	0.0
114	63.2	0.0	257.3	0.0	0.0	0.0
115	63.2	0.0	257.3	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

116	75.2	0.0	305.3	0.0	0.0	0.0
117	75.2	0.0	305.3	0.0	0.0	0.0
118	75.2	0.0	305.3	0.0	0.0	0.0
119	75.2	0.0	305.3	0.0	0.0	0.0
120	75.2	0.0	305.3	0.0	0.0	0.0
121	-40.9	0.0	159.7	0.0	0.0	0.0
122	-40.9	0.0	159.7	0.0	0.0	0.0
123	-40.9	0.0	159.7	0.0	0.0	0.0
124	-40.9	0.0	159.7	0.0	0.0	0.0
125	-40.9	0.0	159.7	0.0	0.0	0.0
126	-40.9	0.0	159.7	0.0	0.0	0.0
127	-40.9	0.0	159.7	0.0	0.0	0.0
128	-64.9	0.0	255.7	0.0	0.0	0.0
129	-64.9	0.0	255.7	0.0	0.0	0.0
130	-64.9	0.0	255.7	0.0	0.0	0.0
131	-64.9	0.0	255.7	0.0	0.0	0.0
132	-64.9	0.0	255.7	0.0	0.0	0.0
133	-64.9	0.0	255.7	0.0	0.0	0.0
134	-64.9	0.0	255.7	0.0	0.0	0.0
135	-88.9	0.0	351.6	0.0	0.0	0.0
136	-88.9	0.0	351.6	0.0	0.0	0.0
137	-88.9	0.0	351.6	0.0	0.0	0.0
138	-88.9	0.0	351.6	0.0	0.0	0.0
139	-88.9	0.0	351.6	0.0	0.0	0.0
140	-88.9	0.0	351.6	0.0	0.0	0.0
141	-88.9	0.0	351.6	0.0	0.0	0.0
142	-20.7	0.0	-78.5	0.0	0.0	0.0
143	-20.7	0.0	-78.5	0.0	0.0	0.0
144	-20.7	0.0	-78.5	0.0	0.0	0.0
145	-20.7	0.0	-78.5	0.0	0.0	0.0
146	-20.7	0.0	-78.5	0.0	0.0	0.0
147	-20.7	0.0	-78.5	0.0	0.0	0.0
148	-20.7	0.0	-78.5	0.0	0.0	0.0
149	3.3	0.0	17.4	0.0	0.0	0.0
150	3.3	0.0	17.4	0.0	0.0	0.0
151	3.3	0.0	17.4	0.0	0.0	0.0
152	3.3	0.0	17.4	0.0	0.0	0.0
153	3.3	0.0	17.4	0.0	0.0	0.0
154	3.3	0.0	17.4	0.0	0.0	0.0
155	3.3	0.0	17.4	0.0	0.0	0.0
156	27.3	0.0	113.4	0.0	0.0	0.0
157	27.3	0.0	113.4	0.0	0.0	0.0
158	27.3	0.0	113.4	0.0	0.0	0.0
159	27.3	0.0	113.4	0.0	0.0	0.0
160	27.3	0.0	113.4	0.0	0.0	0.0
161	27.3	0.0	113.4	0.0	0.0	0.0
162	27.3	0.0	113.4	0.0	0.0	0.0
163	51.2	0.0	209.3	0.0	0.0	0.0



WEST REV1 CRL TMPCPGA.OUT.txt

164	51.2	0.0	209.3	0.0	0.0	0.0
165	51.2	0.0	209.3	0.0	0.0	0.0
166	51.2	0.0	209.3	0.0	0.0	0.0
167	51.2	0.0	209.3	0.0	0.0	0.0
168	51.2	0.0	209.3	0.0	0.0	0.0
169	51.2	0.0	209.3	0.0	0.0	0.0
170	75.2	0.0	305.3	0.0	0.0	0.0
171	75.2	0.0	305.3	0.0	0.0	0.0
172	75.2	0.0	305.3	0.0	0.0	0.0
173	75.2	0.0	305.3	0.0	0.0	0.0
174	75.2	0.0	305.3	0.0	0.0	0.0
175	75.2	0.0	305.3	0.0	0.0	0.0
176	75.2	0.0	305.3	0.0	0.0	0.0
177	-52.9	0.0	207.7	0.0	0.0	0.0
178	-64.3	0.0	253.1	0.0	0.0	0.0
179	-76.3	0.0	301.1	0.0	0.0	0.0
180	-88.2	0.0	349.1	0.0	0.0	0.0
181	-21.3	0.0	-81.0	0.0	0.0	0.0
182	2.7	0.0	14.9	0.0	0.0	0.0
183	26.6	0.0	110.9	0.0	0.0	0.0
184	38.6	0.0	158.8	0.0	0.0	0.0
185	50.6	0.0	206.8	0.0	0.0	0.0
186	62.6	0.0	254.8	0.0	0.0	0.0
187	-64.3	0.0	253.1	0.0	0.0	0.0
188	-76.3	0.0	301.1	0.0	0.0	0.0
189	-88.2	0.0	349.1	0.0	0.0	0.0
190	-21.3	0.0	-81.0	0.0	0.0	0.0
191	2.7	0.0	14.9	0.0	0.0	0.0
192	26.6	0.0	110.9	0.0	0.0	0.0
193	38.6	0.0	158.8	0.0	0.0	0.0
194	50.6	0.0	206.8	0.0	0.0	0.0
195	62.6	0.0	254.8	0.0	0.0	0.0
196	-52.9	0.0	207.7	0.0	0.0	0.0
197	-64.3	0.0	253.1	0.0	0.0	0.0
198	-76.3	0.0	301.1	0.0	0.0	0.0
199	-88.2	0.0	349.1	0.0	0.0	0.0
200	-21.3	0.0	-81.0	0.0	0.0	0.0
201	2.7	0.0	14.9	0.0	0.0	0.0
202	26.6	0.0	110.9	0.0	0.0	0.0
203	38.6	0.0	158.8	0.0	0.0	0.0
204	50.6	0.0	206.8	0.0	0.0	0.0
205	62.6	0.0	254.8	0.0	0.0	0.0
206	-64.3	0.0	253.1	0.0	0.0	0.0
207	-76.3	0.0	301.1	0.0	0.0	0.0
208	-88.2	0.0	349.1	0.0	0.0	0.0
209	-21.3	0.0	-81.0	0.0	0.0	0.0
210	2.7	0.0	14.9	0.0	0.0	0.0
211	26.6	0.0	110.9	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

212	38.6	0.0	158.8	0.0	0.0	0.0
213	50.6	0.0	206.8	0.0	0.0	0.0
214	62.6	0.0	254.8	0.0	0.0	0.0
215	-76.9	0.0	303.6	0.0	0.0	0.0
216	-88.9	0.0	351.6	0.0	0.0	0.0
217	-88.9	0.0	351.6	0.0	0.0	0.0
218	51.2	0.0	209.3	0.0	0.0	0.0
219	-20.7	0.0	-78.5	0.0	0.0	0.0
220	3.3	0.0	17.4	0.0	0.0	0.0
221	27.3	0.0	113.4	0.0	0.0	0.0
222	39.3	0.0	161.4	0.0	0.0	0.0
223	-20.7	0.0	-78.5	0.0	0.0	0.0
224	3.3	0.0	17.4	0.0	0.0	0.0
225	27.3	0.0	113.4	0.0	0.0	0.0
226	39.3	0.0	161.4	0.0	0.0	0.0
227	-20.7	0.0	-78.5	0.0	0.0	0.0
228	3.3	0.0	17.4	0.0	0.0	0.0
229	27.3	0.0	113.4	0.0	0.0	0.0
230	39.3	0.0	161.4	0.0	0.0	0.0
231	-76.9	0.0	303.6	0.0	0.0	0.0
232	-88.9	0.0	351.6	0.0	0.0	0.0
233	-88.9	0.0	351.6	0.0	0.0	0.0
234	51.2	0.0	209.3	0.0	0.0	0.0
235	-20.7	0.0	-78.5	0.0	0.0	0.0
236	3.3	0.0	17.4	0.0	0.0	0.0
237	27.3	0.0	113.4	0.0	0.0	0.0
238	39.3	0.0	161.4	0.0	0.0	0.0
239	-20.7	0.0	-78.5	0.0	0.0	0.0
240	3.3	0.0	17.4	0.0	0.0	0.0
241	27.3	0.0	113.4	0.0	0.0	0.0
242	39.3	0.0	161.4	0.0	0.0	0.0
243	-20.7	0.0	-78.5	0.0	0.0	0.0
244	3.3	0.0	17.4	0.0	0.0	0.0
245	27.3	0.0	113.4	0.0	0.0	0.0
246	39.3	0.0	161.4	0.0	0.0	0.0

LOAD CASE - 7

PILE	PX K	PY K	PZ K	MX IN-K	MY IN-K	MZ IN-K
1	-31.7	0.0	129.9	0.0	0.0	0.0
2	-31.7	0.0	129.9	0.0	0.0	0.0
3	-31.7	0.0	129.9	0.0	0.0	0.0
4	-31.7	0.0	129.9	0.0	0.0	0.0
5	-31.7	0.0	129.9	0.0	0.0	0.0
6	-24.2	0.0	100.0	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

7	-24.2	0.0	100.0	0.0	0.0	0.0
8	-24.2	0.0	100.0	0.0	0.0	0.0
9	-24.2	0.0	100.0	0.0	0.0	0.0
10	-24.2	0.0	100.0	0.0	0.0	0.0
11	-16.7	0.0	70.0	0.0	0.0	0.0
12	-16.7	0.0	70.0	0.0	0.0	0.0
13	-16.7	0.0	70.0	0.0	0.0	0.0
14	-16.7	0.0	70.0	0.0	0.0	0.0
15	-16.7	0.0	70.0	0.0	0.0	0.0
16	-9.3	0.0	40.1	0.0	0.0	0.0
17	-9.3	0.0	40.1	0.0	0.0	0.0
18	-9.3	0.0	40.1	0.0	0.0	0.0
19	-9.3	0.0	40.1	0.0	0.0	0.0
20	-9.3	0.0	40.1	0.0	0.0	0.0
21	-1.8	0.0	10.2	0.0	0.0	0.0
22	-1.8	0.0	10.2	0.0	0.0	0.0
23	-1.8	0.0	10.2	0.0	0.0	0.0
24	-1.8	0.0	10.2	0.0	0.0	0.0
25	-1.8	0.0	10.2	0.0	0.0	0.0
26	84.4	0.0	334.9	0.0	0.0	0.0
27	84.4	0.0	334.9	0.0	0.0	0.0
28	84.4	0.0	334.9	0.0	0.0	0.0
29	84.4	0.0	334.9	0.0	0.0	0.0
30	84.4	0.0	334.9	0.0	0.0	0.0
31	69.5	0.0	275.0	0.0	0.0	0.0
32	69.5	0.0	275.0	0.0	0.0	0.0
33	69.5	0.0	275.0	0.0	0.0	0.0
34	69.5	0.0	275.0	0.0	0.0	0.0
35	69.5	0.0	275.0	0.0	0.0	0.0
36	54.5	0.0	215.1	0.0	0.0	0.0
37	54.5	0.0	215.1	0.0	0.0	0.0
38	54.5	0.0	215.1	0.0	0.0	0.0
39	54.5	0.0	215.1	0.0	0.0	0.0
40	54.5	0.0	215.1	0.0	0.0	0.0
41	47.0	0.0	185.2	0.0	0.0	0.0
42	47.0	0.0	185.2	0.0	0.0	0.0
43	47.0	0.0	185.2	0.0	0.0	0.0
44	47.0	0.0	185.2	0.0	0.0	0.0
45	47.0	0.0	185.2	0.0	0.0	0.0
46	39.6	0.0	155.3	0.0	0.0	0.0
47	39.6	0.0	155.3	0.0	0.0	0.0
48	39.6	0.0	155.3	0.0	0.0	0.0
49	39.6	0.0	155.3	0.0	0.0	0.0
50	39.6	0.0	155.3	0.0	0.0	0.0
51	32.1	0.0	125.4	0.0	0.0	0.0
52	32.1	0.0	125.4	0.0	0.0	0.0
53	32.1	0.0	125.4	0.0	0.0	0.0
54	32.1	0.0	125.4	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

55	32.1	0.0	125.4	0.0	0.0	0.0
56	24.6	0.0	95.4	0.0	0.0	0.0
57	24.6	0.0	95.4	0.0	0.0	0.0
58	24.6	0.0	95.4	0.0	0.0	0.0
59	24.6	0.0	95.4	0.0	0.0	0.0
60	24.6	0.0	95.4	0.0	0.0	0.0
61	-31.7	0.0	129.9	0.0	0.0	0.0
62	-31.7	0.0	129.9	0.0	0.0	0.0
63	-31.7	0.0	129.9	0.0	0.0	0.0
64	-31.7	0.0	129.9	0.0	0.0	0.0
65	-31.7	0.0	129.9	0.0	0.0	0.0
66	-24.2	0.0	100.0	0.0	0.0	0.0
67	-24.2	0.0	100.0	0.0	0.0	0.0
68	-24.2	0.0	100.0	0.0	0.0	0.0
69	-24.2	0.0	100.0	0.0	0.0	0.0
70	-24.2	0.0	100.0	0.0	0.0	0.0
71	-16.7	0.0	70.0	0.0	0.0	0.0
72	-16.7	0.0	70.0	0.0	0.0	0.0
73	-16.7	0.0	70.0	0.0	0.0	0.0
74	-16.7	0.0	70.0	0.0	0.0	0.0
75	-16.7	0.0	70.0	0.0	0.0	0.0
76	-9.3	0.0	40.1	0.0	0.0	0.0
77	-9.3	0.0	40.1	0.0	0.0	0.0
78	-9.3	0.0	40.1	0.0	0.0	0.0
79	-9.3	0.0	40.1	0.0	0.0	0.0
80	-9.3	0.0	40.1	0.0	0.0	0.0
81	-1.8	0.0	10.2	0.0	0.0	0.0
82	-1.8	0.0	10.2	0.0	0.0	0.0
83	-1.8	0.0	10.2	0.0	0.0	0.0
84	-1.8	0.0	10.2	0.0	0.0	0.0
85	-1.8	0.0	10.2	0.0	0.0	0.0
86	84.4	0.0	334.9	0.0	0.0	0.0
87	84.4	0.0	334.9	0.0	0.0	0.0
88	84.4	0.0	334.9	0.0	0.0	0.0
89	84.4	0.0	334.9	0.0	0.0	0.0
90	84.4	0.0	334.9	0.0	0.0	0.0
91	69.5	0.0	275.0	0.0	0.0	0.0
92	69.5	0.0	275.0	0.0	0.0	0.0
93	69.5	0.0	275.0	0.0	0.0	0.0
94	69.5	0.0	275.0	0.0	0.0	0.0
95	69.5	0.0	275.0	0.0	0.0	0.0
96	54.5	0.0	215.1	0.0	0.0	0.0
97	54.5	0.0	215.1	0.0	0.0	0.0
98	54.5	0.0	215.1	0.0	0.0	0.0
99	54.5	0.0	215.1	0.0	0.0	0.0
100	54.5	0.0	215.1	0.0	0.0	0.0
101	47.0	0.0	185.2	0.0	0.0	0.0
102	47.0	0.0	185.2	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

103	47.0	0.0	185.2	0.0	0.0	0.0
104	47.0	0.0	185.2	0.0	0.0	0.0
105	47.0	0.0	185.2	0.0	0.0	0.0
106	39.6	0.0	155.3	0.0	0.0	0.0
107	39.6	0.0	155.3	0.0	0.0	0.0
108	39.6	0.0	155.3	0.0	0.0	0.0
109	39.6	0.0	155.3	0.0	0.0	0.0
110	39.6	0.0	155.3	0.0	0.0	0.0
111	32.1	0.0	125.4	0.0	0.0	0.0
112	32.1	0.0	125.4	0.0	0.0	0.0
113	32.1	0.0	125.4	0.0	0.0	0.0
114	32.1	0.0	125.4	0.0	0.0	0.0
115	32.1	0.0	125.4	0.0	0.0	0.0
116	24.6	0.0	95.4	0.0	0.0	0.0
117	24.6	0.0	95.4	0.0	0.0	0.0
118	24.6	0.0	95.4	0.0	0.0	0.0
119	24.6	0.0	95.4	0.0	0.0	0.0
120	24.6	0.0	95.4	0.0	0.0	0.0
121	-31.7	0.0	129.9	0.0	0.0	0.0
122	-31.7	0.0	129.9	0.0	0.0	0.0
123	-31.7	0.0	129.9	0.0	0.0	0.0
124	-31.7	0.0	129.9	0.0	0.0	0.0
125	-31.7	0.0	129.9	0.0	0.0	0.0
126	-31.7	0.0	129.9	0.0	0.0	0.0
127	-31.7	0.0	129.9	0.0	0.0	0.0
128	-16.7	0.0	70.0	0.0	0.0	0.0
129	-16.7	0.0	70.0	0.0	0.0	0.0
130	-16.7	0.0	70.0	0.0	0.0	0.0
131	-16.7	0.0	70.0	0.0	0.0	0.0
132	-16.7	0.0	70.0	0.0	0.0	0.0
133	-16.7	0.0	70.0	0.0	0.0	0.0
134	-16.7	0.0	70.0	0.0	0.0	0.0
135	-1.8	0.0	10.2	0.0	0.0	0.0
136	-1.8	0.0	10.2	0.0	0.0	0.0
137	-1.8	0.0	10.2	0.0	0.0	0.0
138	-1.8	0.0	10.2	0.0	0.0	0.0
139	-1.8	0.0	10.2	0.0	0.0	0.0
140	-1.8	0.0	10.2	0.0	0.0	0.0
141	-1.8	0.0	10.2	0.0	0.0	0.0
142	84.4	0.0	334.9	0.0	0.0	0.0
143	84.4	0.0	334.9	0.0	0.0	0.0
144	84.4	0.0	334.9	0.0	0.0	0.0
145	84.4	0.0	334.9	0.0	0.0	0.0
146	84.4	0.0	334.9	0.0	0.0	0.0
147	84.4	0.0	334.9	0.0	0.0	0.0
148	84.4	0.0	334.9	0.0	0.0	0.0
149	69.5	0.0	275.0	0.0	0.0	0.0
150	69.5	0.0	275.0	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

151	69.5	0.0	275.0	0.0	0.0	0.0
152	69.5	0.0	275.0	0.0	0.0	0.0
153	69.5	0.0	275.0	0.0	0.0	0.0
154	69.5	0.0	275.0	0.0	0.0	0.0
155	69.5	0.0	275.0	0.0	0.0	0.0
156	54.5	0.0	215.1	0.0	0.0	0.0
157	54.5	0.0	215.1	0.0	0.0	0.0
158	54.5	0.0	215.1	0.0	0.0	0.0
159	54.5	0.0	215.1	0.0	0.0	0.0
160	54.5	0.0	215.1	0.0	0.0	0.0
161	54.5	0.0	215.1	0.0	0.0	0.0
162	54.5	0.0	215.1	0.0	0.0	0.0
163	39.6	0.0	155.3	0.0	0.0	0.0
164	39.6	0.0	155.3	0.0	0.0	0.0
165	39.6	0.0	155.3	0.0	0.0	0.0
166	39.6	0.0	155.3	0.0	0.0	0.0
167	39.6	0.0	155.3	0.0	0.0	0.0
168	39.6	0.0	155.3	0.0	0.0	0.0
169	39.6	0.0	155.3	0.0	0.0	0.0
170	24.6	0.0	95.4	0.0	0.0	0.0
171	24.6	0.0	95.4	0.0	0.0	0.0
172	24.6	0.0	95.4	0.0	0.0	0.0
173	24.6	0.0	95.4	0.0	0.0	0.0
174	24.6	0.0	95.4	0.0	0.0	0.0
175	24.6	0.0	95.4	0.0	0.0	0.0
176	24.6	0.0	95.4	0.0	0.0	0.0
177	-24.2	0.0	100.0	0.0	0.0	0.0
178	-17.1	0.0	71.6	0.0	0.0	0.0
179	-9.6	0.0	41.7	0.0	0.0	0.0
180	-2.2	0.0	11.7	0.0	0.0	0.0
181	84.8	0.0	336.4	0.0	0.0	0.0
182	69.8	0.0	276.6	0.0	0.0	0.0
183	54.9	0.0	216.7	0.0	0.0	0.0
184	47.4	0.0	186.8	0.0	0.0	0.0
185	39.9	0.0	156.9	0.0	0.0	0.0
186	32.5	0.0	126.9	0.0	0.0	0.0
187	-17.1	0.0	71.6	0.0	0.0	0.0
188	-9.6	0.0	41.7	0.0	0.0	0.0
189	-2.2	0.0	11.7	0.0	0.0	0.0
190	84.8	0.0	336.4	0.0	0.0	0.0
191	69.8	0.0	276.6	0.0	0.0	0.0
192	54.9	0.0	216.7	0.0	0.0	0.0
193	47.4	0.0	186.8	0.0	0.0	0.0
194	39.9	0.0	156.9	0.0	0.0	0.0
195	32.5	0.0	126.9	0.0	0.0	0.0
196	-24.2	0.0	100.0	0.0	0.0	0.0
197	-17.1	0.0	71.6	0.0	0.0	0.0
198	-9.6	0.0	41.7	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

199	-2.2	0.0	11.7	0.0	0.0	0.0
200	84.8	0.0	336.4	0.0	0.0	0.0
201	69.8	0.0	276.6	0.0	0.0	0.0
202	54.9	0.0	216.7	0.0	0.0	0.0
203	47.4	0.0	186.8	0.0	0.0	0.0
204	39.9	0.0	156.9	0.0	0.0	0.0
205	32.5	0.0	126.9	0.0	0.0	0.0
206	-17.1	0.0	71.6	0.0	0.0	0.0
207	-9.6	0.0	41.7	0.0	0.0	0.0
208	-2.2	0.0	11.7	0.0	0.0	0.0
209	84.8	0.0	336.4	0.0	0.0	0.0
210	69.8	0.0	276.6	0.0	0.0	0.0
211	54.9	0.0	216.7	0.0	0.0	0.0
212	47.4	0.0	186.8	0.0	0.0	0.0
213	39.9	0.0	156.9	0.0	0.0	0.0
214	32.5	0.0	126.9	0.0	0.0	0.0
215	-9.3	0.0	40.1	0.0	0.0	0.0
216	-1.8	0.0	10.2	0.0	0.0	0.0
217	-1.8	0.0	10.2	0.0	0.0	0.0
218	39.6	0.0	155.3	0.0	0.0	0.0
219	84.4	0.0	334.9	0.0	0.0	0.0
220	69.5	0.0	275.0	0.0	0.0	0.0
221	54.5	0.0	215.1	0.0	0.0	0.0
222	47.0	0.0	185.2	0.0	0.0	0.0
223	84.4	0.0	334.9	0.0	0.0	0.0
224	69.5	0.0	275.0	0.0	0.0	0.0
225	54.5	0.0	215.1	0.0	0.0	0.0
226	47.0	0.0	185.2	0.0	0.0	0.0
227	84.4	0.0	334.9	0.0	0.0	0.0
228	69.5	0.0	275.0	0.0	0.0	0.0
229	54.5	0.0	215.1	0.0	0.0	0.0
230	47.0	0.0	185.2	0.0	0.0	0.0
231	-9.3	0.0	40.1	0.0	0.0	0.0
232	-1.8	0.0	10.2	0.0	0.0	0.0
233	-1.8	0.0	10.2	0.0	0.0	0.0
234	39.6	0.0	155.3	0.0	0.0	0.0
235	84.4	0.0	334.9	0.0	0.0	0.0
236	69.5	0.0	275.0	0.0	0.0	0.0
237	54.5	0.0	215.1	0.0	0.0	0.0
238	47.0	0.0	185.2	0.0	0.0	0.0
239	84.4	0.0	334.9	0.0	0.0	0.0
240	69.5	0.0	275.0	0.0	0.0	0.0
241	54.5	0.0	215.1	0.0	0.0	0.0
242	47.0	0.0	185.2	0.0	0.0	0.0
243	84.4	0.0	334.9	0.0	0.0	0.0
244	69.5	0.0	275.0	0.0	0.0	0.0
245	54.5	0.0	215.1	0.0	0.0	0.0
246	47.0	0.0	185.2	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

LOAD CASE - 8

PILE	PX K	PY K	PZ K	MX IN-K	MY IN-K	MZ IN-K
1	-4.6	0.0	17.3	0.0	0.0	0.0
2	-4.6	0.0	17.3	0.0	0.0	0.0
3	-4.6	0.0	17.3	0.0	0.0	0.0
4	-4.6	0.0	17.3	0.0	0.0	0.0
5	-4.6	0.0	17.3	0.0	0.0	0.0
6	-7.9	0.0	30.8	0.0	0.0	0.0
7	-7.9	0.0	30.8	0.0	0.0	0.0
8	-7.9	0.0	30.8	0.0	0.0	0.0
9	-7.9	0.0	30.8	0.0	0.0	0.0
10	-7.9	0.0	30.8	0.0	0.0	0.0
11	-11.3	0.0	44.2	0.0	0.0	0.0
12	-11.3	0.0	44.2	0.0	0.0	0.0
13	-11.3	0.0	44.2	0.0	0.0	0.0
14	-11.3	0.0	44.2	0.0	0.0	0.0
15	-11.3	0.0	44.2	0.0	0.0	0.0
16	-14.6	0.0	57.6	0.0	0.0	0.0
17	-14.6	0.0	57.6	0.0	0.0	0.0
18	-14.6	0.0	57.6	0.0	0.0	0.0
19	-14.6	0.0	57.6	0.0	0.0	0.0
20	-14.6	0.0	57.6	0.0	0.0	0.0
21	-18.0	0.0	71.0	0.0	0.0	0.0
22	-18.0	0.0	71.0	0.0	0.0	0.0
23	-18.0	0.0	71.0	0.0	0.0	0.0
24	-18.0	0.0	71.0	0.0	0.0	0.0
25	-18.0	0.0	71.0	0.0	0.0	0.0
26	-6.6	0.0	-25.6	0.0	0.0	0.0
27	-6.6	0.0	-25.6	0.0	0.0	0.0
28	-6.6	0.0	-25.6	0.0	0.0	0.0
29	-6.6	0.0	-25.6	0.0	0.0	0.0
30	-6.6	0.0	-25.6	0.0	0.0	0.0
31	0.1	0.0	1.2	0.0	0.0	0.0
32	0.1	0.0	1.2	0.0	0.0	0.0
33	0.1	0.0	1.2	0.0	0.0	0.0
34	0.1	0.0	1.2	0.0	0.0	0.0
35	0.1	0.0	1.2	0.0	0.0	0.0
36	6.8	0.0	28.1	0.0	0.0	0.0
37	6.8	0.0	28.1	0.0	0.0	0.0
38	6.8	0.0	28.1	0.0	0.0	0.0
39	6.8	0.0	28.1	0.0	0.0	0.0
40	6.8	0.0	28.1	0.0	0.0	0.0
41	10.1	0.0	41.5	0.0	0.0	0.0



WEST REV1 CRL TMPCPGA.OUT.txt

42	10.1	0.0	41.5	0.0	0.0	0.0
43	10.1	0.0	41.5	0.0	0.0	0.0
44	10.1	0.0	41.5	0.0	0.0	0.0
45	10.1	0.0	41.5	0.0	0.0	0.0
46	13.5	0.0	54.9	0.0	0.0	0.0
47	13.5	0.0	54.9	0.0	0.0	0.0
48	13.5	0.0	54.9	0.0	0.0	0.0
49	13.5	0.0	54.9	0.0	0.0	0.0
50	13.5	0.0	54.9	0.0	0.0	0.0
51	16.8	0.0	68.3	0.0	0.0	0.0
52	16.8	0.0	68.3	0.0	0.0	0.0
53	16.8	0.0	68.3	0.0	0.0	0.0
54	16.8	0.0	68.3	0.0	0.0	0.0
55	16.8	0.0	68.3	0.0	0.0	0.0
56	20.2	0.0	81.7	0.0	0.0	0.0
57	20.2	0.0	81.7	0.0	0.0	0.0
58	20.2	0.0	81.7	0.0	0.0	0.0
59	20.2	0.0	81.7	0.0	0.0	0.0
60	20.2	0.0	81.7	0.0	0.0	0.0
61	-4.6	0.0	17.3	0.0	0.0	0.0
62	-4.6	0.0	17.3	0.0	0.0	0.0
63	-4.6	0.0	17.3	0.0	0.0	0.0
64	-4.6	0.0	17.3	0.0	0.0	0.0
65	-4.6	0.0	17.3	0.0	0.0	0.0
66	-7.9	0.0	30.8	0.0	0.0	0.0
67	-7.9	0.0	30.8	0.0	0.0	0.0
68	-7.9	0.0	30.8	0.0	0.0	0.0
69	-7.9	0.0	30.8	0.0	0.0	0.0
70	-7.9	0.0	30.8	0.0	0.0	0.0
71	-11.3	0.0	44.2	0.0	0.0	0.0
72	-11.3	0.0	44.2	0.0	0.0	0.0
73	-11.3	0.0	44.2	0.0	0.0	0.0
74	-11.3	0.0	44.2	0.0	0.0	0.0
75	-11.3	0.0	44.2	0.0	0.0	0.0
76	-14.6	0.0	57.6	0.0	0.0	0.0
77	-14.6	0.0	57.6	0.0	0.0	0.0
78	-14.6	0.0	57.6	0.0	0.0	0.0
79	-14.6	0.0	57.6	0.0	0.0	0.0
80	-14.6	0.0	57.6	0.0	0.0	0.0
81	-18.0	0.0	71.0	0.0	0.0	0.0
82	-18.0	0.0	71.0	0.0	0.0	0.0
83	-18.0	0.0	71.0	0.0	0.0	0.0
84	-18.0	0.0	71.0	0.0	0.0	0.0
85	-18.0	0.0	71.0	0.0	0.0	0.0
86	-6.6	0.0	-25.6	0.0	0.0	0.0
87	-6.6	0.0	-25.6	0.0	0.0	0.0
88	-6.6	0.0	-25.6	0.0	0.0	0.0
89	-6.6	0.0	-25.6	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

90	-6.6	0.0	-25.6	0.0	0.0	0.0
91	0.1	0.0	1.2	0.0	0.0	0.0
92	0.1	0.0	1.2	0.0	0.0	0.0
93	0.1	0.0	1.2	0.0	0.0	0.0
94	0.1	0.0	1.2	0.0	0.0	0.0
95	0.1	0.0	1.2	0.0	0.0	0.0
96	6.8	0.0	28.1	0.0	0.0	0.0
97	6.8	0.0	28.1	0.0	0.0	0.0
98	6.8	0.0	28.1	0.0	0.0	0.0
99	6.8	0.0	28.1	0.0	0.0	0.0
100	6.8	0.0	28.1	0.0	0.0	0.0
101	10.1	0.0	41.5	0.0	0.0	0.0
102	10.1	0.0	41.5	0.0	0.0	0.0
103	10.1	0.0	41.5	0.0	0.0	0.0
104	10.1	0.0	41.5	0.0	0.0	0.0
105	10.1	0.0	41.5	0.0	0.0	0.0
106	13.5	0.0	54.9	0.0	0.0	0.0
107	13.5	0.0	54.9	0.0	0.0	0.0
108	13.5	0.0	54.9	0.0	0.0	0.0
109	13.5	0.0	54.9	0.0	0.0	0.0
110	13.5	0.0	54.9	0.0	0.0	0.0
111	16.8	0.0	68.3	0.0	0.0	0.0
112	16.8	0.0	68.3	0.0	0.0	0.0
113	16.8	0.0	68.3	0.0	0.0	0.0
114	16.8	0.0	68.3	0.0	0.0	0.0
115	16.8	0.0	68.3	0.0	0.0	0.0
116	20.2	0.0	81.7	0.0	0.0	0.0
117	20.2	0.0	81.7	0.0	0.0	0.0
118	20.2	0.0	81.7	0.0	0.0	0.0
119	20.2	0.0	81.7	0.0	0.0	0.0
120	20.2	0.0	81.7	0.0	0.0	0.0
121	-4.6	0.0	17.3	0.0	0.0	0.0
122	-4.6	0.0	17.3	0.0	0.0	0.0
123	-4.6	0.0	17.3	0.0	0.0	0.0
124	-4.6	0.0	17.3	0.0	0.0	0.0
125	-4.6	0.0	17.3	0.0	0.0	0.0
126	-4.6	0.0	17.3	0.0	0.0	0.0
127	-4.6	0.0	17.3	0.0	0.0	0.0
128	-11.3	0.0	44.2	0.0	0.0	0.0
129	-11.3	0.0	44.2	0.0	0.0	0.0
130	-11.3	0.0	44.2	0.0	0.0	0.0
131	-11.3	0.0	44.2	0.0	0.0	0.0
132	-11.3	0.0	44.2	0.0	0.0	0.0
133	-11.3	0.0	44.2	0.0	0.0	0.0
134	-11.3	0.0	44.2	0.0	0.0	0.0
135	-18.0	0.0	71.0	0.0	0.0	0.0
136	-18.0	0.0	71.0	0.0	0.0	0.0
137	-18.0	0.0	71.0	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

138	-18.0	0.0	71.0	0.0	0.0	0.0
139	-18.0	0.0	71.0	0.0	0.0	0.0
140	-18.0	0.0	71.0	0.0	0.0	0.0
141	-18.0	0.0	71.0	0.0	0.0	0.0
142	-6.6	0.0	-25.6	0.0	0.0	0.0
143	-6.6	0.0	-25.6	0.0	0.0	0.0
144	-6.6	0.0	-25.6	0.0	0.0	0.0
145	-6.6	0.0	-25.6	0.0	0.0	0.0
146	-6.6	0.0	-25.6	0.0	0.0	0.0
147	-6.6	0.0	-25.6	0.0	0.0	0.0
148	-6.6	0.0	-25.6	0.0	0.0	0.0
149	0.1	0.0	1.2	0.0	0.0	0.0
150	0.1	0.0	1.2	0.0	0.0	0.0
151	0.1	0.0	1.2	0.0	0.0	0.0
152	0.1	0.0	1.2	0.0	0.0	0.0
153	0.1	0.0	1.2	0.0	0.0	0.0
154	0.1	0.0	1.2	0.0	0.0	0.0
155	0.1	0.0	1.2	0.0	0.0	0.0
156	6.8	0.0	28.1	0.0	0.0	0.0
157	6.8	0.0	28.1	0.0	0.0	0.0
158	6.8	0.0	28.1	0.0	0.0	0.0
159	6.8	0.0	28.1	0.0	0.0	0.0
160	6.8	0.0	28.1	0.0	0.0	0.0
161	6.8	0.0	28.1	0.0	0.0	0.0
162	6.8	0.0	28.1	0.0	0.0	0.0
163	13.5	0.0	54.9	0.0	0.0	0.0
164	13.5	0.0	54.9	0.0	0.0	0.0
165	13.5	0.0	54.9	0.0	0.0	0.0
166	13.5	0.0	54.9	0.0	0.0	0.0
167	13.5	0.0	54.9	0.0	0.0	0.0
168	13.5	0.0	54.9	0.0	0.0	0.0
169	13.5	0.0	54.9	0.0	0.0	0.0
170	20.2	0.0	81.7	0.0	0.0	0.0
171	20.2	0.0	81.7	0.0	0.0	0.0
172	20.2	0.0	81.7	0.0	0.0	0.0
173	20.2	0.0	81.7	0.0	0.0	0.0
174	20.2	0.0	81.7	0.0	0.0	0.0
175	20.2	0.0	81.7	0.0	0.0	0.0
176	20.2	0.0	81.7	0.0	0.0	0.0
177	-7.9	0.0	30.8	0.0	0.0	0.0
178	-11.1	0.0	43.5	0.0	0.0	0.0
179	-14.4	0.0	56.9	0.0	0.0	0.0
180	-17.8	0.0	70.3	0.0	0.0	0.0
181	-6.8	0.0	-26.3	0.0	0.0	0.0
182	-0.1	0.0	0.5	0.0	0.0	0.0
183	6.6	0.0	27.4	0.0	0.0	0.0
184	9.9	0.0	40.8	0.0	0.0	0.0
185	13.3	0.0	54.2	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt

186	16.6	0.0	67.6	0.0	0.0	0.0
187	-11.1	0.0	43.5	0.0	0.0	0.0
188	-14.4	0.0	56.9	0.0	0.0	0.0
189	-17.8	0.0	70.3	0.0	0.0	0.0
190	-6.8	0.0	-26.3	0.0	0.0	0.0
191	-0.1	0.0	0.5	0.0	0.0	0.0
192	6.6	0.0	27.4	0.0	0.0	0.0
193	9.9	0.0	40.8	0.0	0.0	0.0
194	13.3	0.0	54.2	0.0	0.0	0.0
195	16.6	0.0	67.6	0.0	0.0	0.0
196	-7.9	0.0	30.8	0.0	0.0	0.0
197	-11.1	0.0	43.5	0.0	0.0	0.0
198	-14.4	0.0	56.9	0.0	0.0	0.0
199	-17.8	0.0	70.3	0.0	0.0	0.0
200	-6.8	0.0	-26.3	0.0	0.0	0.0
201	-0.1	0.0	0.5	0.0	0.0	0.0
202	6.6	0.0	27.4	0.0	0.0	0.0
203	9.9	0.0	40.8	0.0	0.0	0.0
204	13.3	0.0	54.2	0.0	0.0	0.0
205	16.6	0.0	67.6	0.0	0.0	0.0
206	-11.1	0.0	43.5	0.0	0.0	0.0
207	-14.4	0.0	56.9	0.0	0.0	0.0
208	-17.8	0.0	70.3	0.0	0.0	0.0
209	-6.8	0.0	-26.3	0.0	0.0	0.0
210	-0.1	0.0	0.5	0.0	0.0	0.0
211	6.6	0.0	27.4	0.0	0.0	0.0
212	9.9	0.0	40.8	0.0	0.0	0.0
213	13.3	0.0	54.2	0.0	0.0	0.0
214	16.6	0.0	67.6	0.0	0.0	0.0
215	-14.6	0.0	57.6	0.0	0.0	0.0
216	-18.0	0.0	71.0	0.0	0.0	0.0
217	-18.0	0.0	71.0	0.0	0.0	0.0
218	13.5	0.0	54.9	0.0	0.0	0.0
219	-6.6	0.0	-25.6	0.0	0.0	0.0
220	0.1	0.0	1.2	0.0	0.0	0.0
221	6.8	0.0	28.1	0.0	0.0	0.0
222	10.1	0.0	41.5	0.0	0.0	0.0
223	-6.6	0.0	-25.6	0.0	0.0	0.0
224	0.1	0.0	1.2	0.0	0.0	0.0
225	6.8	0.0	28.1	0.0	0.0	0.0
226	10.1	0.0	41.5	0.0	0.0	0.0
227	-6.6	0.0	-25.6	0.0	0.0	0.0
228	0.1	0.0	1.2	0.0	0.0	0.0
229	6.8	0.0	28.1	0.0	0.0	0.0
230	10.1	0.0	41.5	0.0	0.0	0.0
231	-14.6	0.0	57.6	0.0	0.0	0.0
232	-18.0	0.0	71.0	0.0	0.0	0.0
233	-18.0	0.0	71.0	0.0	0.0	0.0

WEST REV1 CRL TMPCPGA.OUT.txt						
234	13.5	0.0	54.9	0.0	0.0	0.0
235	-6.6	0.0	-25.6	0.0	0.0	0.0
236	0.1	0.0	1.2	0.0	0.0	0.0
237	6.8	0.0	28.1	0.0	0.0	0.0
238	10.1	0.0	41.5	0.0	0.0	0.0
239	-6.6	0.0	-25.6	0.0	0.0	0.0
240	0.1	0.0	1.2	0.0	0.0	0.0
241	6.8	0.0	28.1	0.0	0.0	0.0
242	10.1	0.0	41.5	0.0	0.0	0.0
243	-6.6	0.0	-25.6	0.0	0.0	0.0
244	0.1	0.0	1.2	0.0	0.0	0.0
245	6.8	0.0	28.1	0.0	0.0	0.0
246	10.1	0.0	41.5	0.0	0.0	0.0

NO FILES WERE GENERATED DURING THIS RUN.

# KHB (PSI)

0 100 200 300 400 500 600 700 800

