

PELLA BUILDING SYSTEMS  
906 W 9TH ST  
PELLA, IA 50219

REACTIONS & ANCHOR BOLTS  
FOR  
MEGA Storage  
DLR ADDRESS 1  
DLR ADDRESS 2

LEES SUMMIT  
520 NE TOWN CENTRE DRIVE  
LEE'S SUMMIT MO  
6 and 7



BUILDING LAYOUT

Width (ft) = 50.0  
Length (ft) = 100.0  
Eave Height (ft) = 14.8/ 16.9  
Roof Slope (rise/12) = 0.50

BUILDING LOADS

Roof Dead Load (psf) = 2.0  
Wall Dead Load  
Left Endwall (psf) = 2.0  
Right Endwall (psf) = 2.0  
Front Sidewall (psf) = 2.0  
Back Sidewall (psf) = 2.0  
Live Load (psf) = 20.0  
Collateral Load (psf) = 0.5  
Snow Load (psf) = 13.4  
Minimum Snow (psf) = 16.0  
Wind Speed (mph) = 103.0  
Wind Code = IBC 18  
Closed/Open = C  
Exposure = C  
Internal Wind Coeff = -0.18, +0.18  
Importance - Wind = 1.00  
Importance - Seismic = 1.00  
Seismic Design Category = B  
Seismic Coeff (Fa\*Ss) = 0.16

-----  
Designer :  
Detailer : JB

2/13/23



0	0	16	1.00	1.00	0.75	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.45	0.00
0	0	17	1.00	1.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.45	0.00
0	0	18	1.00	1.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.45	0.00
0	0	19	1.00	1.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.45	0.00
0	0	20	1.00	1.00	0.00	0.75	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.45	0.00
0	0	21	1.00	1.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.45	0.00
0	0	22	1.00	1.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.45	0.00
0	0	23	1.00	1.00	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.45	0.00
0	0	24	1.00	1.00	0.00	0.75	0.75	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.45	0.00
0	0	25	1.00	1.00	0.00	0.75	0.75	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.45	0.00
0	0	26	1.00	1.00	0.00	0.75	0.75	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.45	0.00
0	0	27	1.00	1.00	0.00	0.75	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.45	0.00
0	0	28	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.60	0.00	0.00
0	0	29	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.60	0.00	0.00
0	0	30	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.60	0.00
0	0	31	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.60	0.00
0	0	32	0.60	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00
0	0	33	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00	0.00	0.60	0.00
0	0	34	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00	0.60	0.00
0	0	35	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.60	0.00
0	0	36	1.03	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.7
0	0	37	1.03	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.7
3	0	38	1.02	1.02	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.5
3	0	39	1.02	1.02	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.5
3	0	40	1.02	1.02	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.5
3	0	41	1.02	1.02	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.5
3	0	42	1.02	1.02	0.00	0.75	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.5
3	0	43	1.02	1.02	0.00	0.75	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.5
0	0	44	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.7
0	0	45	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.7
0	0	46	1.00	1.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
0	0	47	1.00	1.00	0.00	0.01	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.45	0.0

0	0	48	1.00	1.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.45	0.0
0	0	0.00																		
0	0	49	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.7
0	0	0.00																		
0	0	50	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.7
0	0	0.00																		
0	0	51	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.7
0	0	0.00																		
0	0	52	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.7
0	0	0.00																		

\*AUXILIARY LOADS:

*No.	Id	Name	No.	Add	-Add_Load-
				Id	Coef
1	1	MIN_SNOW	1	1	1.00

\*ADDITIONAL LOADS:

*No.	Id	Surf	Basic	Load	Load	W1	W2	D1	D2	---Surface---	
		Id	Load	Type	Orn					Start	End
1	1	2	U_SNOW	D	T	-16.00	-16.00	0.00	50.04	0.00	100.00

-----Foundation\_Loads(k)-----

Frame Line	Column Line	Max_Positive			Max_Negative			Anchor_Bolt	
		Load	Horz	Vert	Load	Horz	Vert	No.	Dia

A	2	1	0.43	-0.06	2	-0.37	-0.43		
		3	0.00	0.94	4	-0.37	-0.46		
A	3	1	0.43	-0.06	2	-0.37	-0.43		
		3	0.00	0.94	4	-0.37	-0.46		
A	4	1	0.43	-0.06	2	-0.38	-0.43		
		3	0.00	0.94	5	0.43	-0.46		
A	5	1	0.43	-0.06	2	-0.38	-0.43		
		3	0.00	0.94	5	0.43	-0.46		
A	6	1	0.43	-0.06	2	-0.40	-0.42		
		3	0.00	0.94	5	0.43	-0.46		
A	7	1	0.44	-0.06	2	-0.40	-0.42		
		3	0.00	0.94	4	-0.40	-0.46		
A	8	1	0.44	-0.06	2	-0.41	-0.42		
		3	0.00	0.94	5	0.44	-0.46		
A	9	1	0.45	-0.06	2	-0.41	-0.42		
		3	0.00	0.94	4	-0.41	-0.46		
A	10	1	0.47	-0.06	2	-0.42	-0.42		
		3	0.00	0.94	4	-0.42	-0.45		

S	10	1	0.47	-0.06	2	-0.42	-0.42		
		3	0.00	0.94	4	-0.42	-0.45		
S	9	1	0.45	-0.06	2	-0.41	-0.42		
		3	0.00	0.94	4	-0.41	-0.46		
S	8	1	0.44	-0.06	2	-0.41	-0.42		
		3	0.00	0.94	5	0.44	-0.46		
S	7	1	0.44	-0.06	2	-0.40	-0.42		
		3	0.00	0.94	4	-0.40	-0.46		
S	6	1	0.43	-0.06	2	-0.40	-0.42		
		3	0.00	0.94	5	0.43	-0.46		
S	5	1	0.43	-0.06	2	-0.38	-0.43		
		3	0.00	0.94	5	0.43	-0.46		
S	4	1	0.43	-0.06	2	-0.38	-0.43		
		3	0.00	0.94	5	0.43	-0.46		
S	3	1	0.43	-0.06	2	-0.37	-0.43		
		3	0.00	0.94	4	-0.37	-0.46		
S	2	1	0.43	-0.06	2	-0.37	-0.43		
		3	0.00	0.94	4	-0.37	-0.46		

A	11	1	0.10	0.00	2	-0.08	-0.18		
		3	0.00	0.50	4	-0.08	-0.20		
D	11	3	0.00	1.00	4	0.00	-0.44		
		3	0.00	1.00	4	0.00	-0.44		
G	11	3	0.00	1.03	4	0.00	-0.46		
		3	0.00	1.03	4	0.00	-0.46		
J	11	3	0.00	1.03	4	0.00	-0.46		
		3	0.00	1.03	4	0.00	-0.46		
M	11	3	0.00	1.03	4	0.00	-0.46		
		3	0.00	1.03	4	0.00	-0.46		
P	11	3	0.00	1.00	4	0.00	-0.44		
		3	0.00	1.00	4	0.00	-0.44		
S	11	1	0.10	0.00	2	-0.08	-0.18		
		3	0.00	0.50	4	-0.08	-0.20		

S	1	1	0.23	0.03	2	-0.20	-0.04		
		3	0.00	0.19	2	-0.20	-0.04		
R	1	1	0.45	0.01	2	-0.39	-0.11		

		3	0.00	0.35	4	-0.39	-0.12	
Q	1	1	0.43	0.01	2	-0.39	-0.11	
		3	0.00	0.35	5	0.43	-0.12	
P	1	3	0.00	0.35	4	0.00	-0.13	
		3	0.00	0.35	4	0.00	-0.13	
O	1	1	0.46	0.01	2	-0.42	-0.12	
		3	0.00	0.37	4	-0.42	-0.13	
N	1	1	0.46	0.01	2	-0.42	-0.12	
		3	0.00	0.37	4	-0.42	-0.13	
M	1	3	0.00	0.37	4	0.00	-0.13	
		3	0.00	0.37	4	0.00	-0.13	
L	1	1	0.46	0.01	2	-0.42	-0.12	
		3	0.00	0.37	4	-0.42	-0.13	
K	1	1	0.46	0.01	2	-0.42	-0.12	
		3	0.00	0.37	4	-0.42	-0.13	
J	1	3	0.00	0.37	4	0.00	-0.13	
		3	0.00	0.37	4	0.00	-0.13	
I	1	1	0.46	0.01	2	-0.42	-0.12	
		3	0.00	0.37	4	-0.42	-0.13	
H	1	1	0.46	0.01	2	-0.42	-0.12	
		3	0.00	0.37	4	-0.42	-0.13	
G	1	3	0.00	0.37	4	0.00	-0.13	
		3	0.00	0.37	4	0.00	-0.13	
F	1	1	0.46	0.01	2	-0.42	-0.12	
		3	0.00	0.37	4	-0.42	-0.13	
E	1	1	0.46	0.01	2	-0.42	-0.12	
		3	0.00	0.37	4	-0.42	-0.13	
D	1	3	0.00	0.35	4	0.00	-0.13	
		3	0.00	0.35	4	0.00	-0.13	
C	1	1	0.43	0.01	2	-0.39	-0.11	
		3	0.00	0.35	5	0.43	-0.12	
B	1	1	0.45	0.01	2	-0.39	-0.11	
		3	0.00	0.35	4	-0.39	-0.12	
A	1	1	0.23	0.03	2	-0.20	-0.04	
		3	0.00	0.19	2	-0.20	-0.04	
-----								
D *	2	1	0.23	-0.18	2	-0.23	-0.95	
		3	0.00	1.95	4	-0.23	-1.02	
D *	3	1	0.23	-0.18	2	-0.23	-0.95	
		3	0.00	1.95	4	-0.23	-1.02	
D *	4	1	0.23	-0.18	2	-0.23	-0.95	
		3	0.00	1.95	4	-0.23	-1.02	
D *	5	1	0.23	-0.18	2	-0.23	-0.95	
		3	0.00	1.95	4	-0.23	-1.02	
D *	6	1	0.24	-0.17	2	-0.24	-0.95	
		3	0.00	1.95	4	-0.24	-1.02	
D *	7	1	0.24	-0.17	2	-0.24	-0.95	
		3	0.00	1.95	4	-0.24	-1.02	
D *	8	1	0.24	-0.17	2	-0.24	-0.95	
		3	0.00	1.95	4	-0.24	-1.02	
D *	9	1	0.24	-0.17	2	-0.24	-0.95	
		3	0.00	1.95	4	-0.24	-1.02	
D *	10	1	0.25	-0.17	2	-0.25	-0.95	
		3	0.00	1.95	4	-0.25	-1.02	
-----								
D * Frame Lines: D G J M P								

Load Id	Load Combination
1	0.6Dead+0.6Wind_Right2+0.6Wind_Suction
2	Dead+0.6Wind_Pressure+0.6Wind_Long1
3	Dead+Collateral+Live
4	0.6Dead+0.6Wind_Pressure+0.6Wind_Long1
5	0.6Dead+0.6Wind_Suction+0.6Wind_Long1

BRACING/PANEL SHEAR REACTIONS:

---Wall---		Column_Line		-----Bracing(k )-----				Panel_Shear (lb/ft)	
Loc	Line	Start	End	Horz	Vert	Horz	Vert	Wind	Seis
B_SW								63.25	9.06
L_EW								26.76	1.75
Tran								55.18	2.89
Tran								56.85	2.95
Tran								56.85	2.95
Tran								56.85	2.95
Tran								55.18	2.89
R_EW								26.76	1.75

## Building Data

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-----
Code           = IBC 18
Length        = 100.00
Width         = 50.00
Left Eave Height = 14.79
Right Eave Height = 16.88

```

## Seismic Formula

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-----
Base Shear, V      = 0.667*Ie*Fa*Ss*W/R

                Vmin = 0.044*Sds*Ie*W
                Vmax = Sd1*Ie*W/(T*R)

T(Moment_Frame)   = 0.255
Shear Force, E    = Omega*Rho*V

T(Braced_Frame)   = 0.159
Fa*Ss             = 0.160
Zone/Design Category = B
Ie                = 1.200
S1                = 0.068
Sd1               = 0.107
Sds               = 0.105

```

## Seismic Dead Load

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-----
Roof Dead        = 2.50 (psf )
Roof Total       = 2.50 (psf )
Endwall Dead     = 2.00 (psf )
Sidewall Dead    = 2.00 (psf )
Interior Wall Dead = 2.00 (psf )

```

## Seismic Forces

## Longitudinal Panel

R = 3.00, Omega= 3.00

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B_SW           W = 21.21 (k )
Force, V      = 0.91 (k )
Force, E      = 2.72 (k )

```

## Transverse Panel

R = 3.00, Omega= 3.00

```

L_EW           W = 2.05 (k )
Force, V      = 0.09 (k )
Force, E      = 0.26 (k )

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@ 16.0         W = 3.38 (k )
Force, V      = 0.14 (k )
Force, E      = 0.43 (k )

```

```

@ 33.0         W = 3.46 (k )
Force, V      = 0.15 (k )
Force, E      = 0.44 (k )

```



@ 50.0          W = 3.46 (k )  
Force, V = 0.15 (k )  
Force, E = 0.44 (k )

@ 67.0          W = 3.46 (k )  
Force, V = 0.15 (k )  
Force, E = 0.44 (k )

@ 84.0          W = 3.38 (k )  
Force, V = 0.14 (k )  
Force, E = 0.43 (k )

R\_EW            W = 2.05 (k )  
Force, V = 0.09 (k )  
Force, E = 0.26 (k )

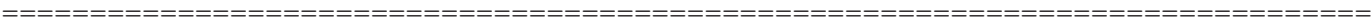
Total Base Shear

Longitudinal

Force, V = 0.91 (k )

Transverse

Force, V = 0.91 (k )



```

*( 1)VERSION/UNITS:
*VERSION    Units(I/M)
'2.01'     'I'

```

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*( 2)JOB IDENTIFICATION:
*   Job Id
'6 and 7

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```

*( 3)DESIGN CODE:
*Design Steel_Code      ---Build---   Code      Seismic
* Code      Cold      Country  Code  Year  Label      Zone
'WS'      'NAUS16'    '----'  'IBC ' '18'  'IBC 18 ' 'B '

```

```

*( 4)DESIGN CONSTANTS:
* ---Steel_Yield---  Stress  Strength_Factors
* C_Sec Z_Sec O_Sec  Ratio      Wind  Seismic
 55.0  55.0  55.0   1.03     1.0000  1.0000

```

```

*( 5)DEFLECTION LIMITS:
* -----Purlin-----  --Roof_Panel--
* Live  Wind Total      Live  Wind
180.  150.    0.      60.  60.

```

```

*( 6)REPORTS:
*Input
*Echo  Purlin  Panel
'I'    '2'    'Y'

```

```

*( 7)BUILDING SHAPE:
* Build      Build      L_Eave  R_Eave  Peak      L_Roof  No.
* Width      Length      Height  Height  Offset    Slope   Wall
50.0000  100.0000  14.7917  16.8750  0.0000   0.500   6

```

```

*( 8)WALL OPTIONS:
*Wall Design Detail  -----Notch-----      Base_Type      Base_Trim
* Id  Option Option  Depth  Width  Ext  Parapet  Panel  Jamb  Panel  Jamb
 1  'NYYY' 'YYYY'  1.500  3.500  3.500  0.0000  'O'  'O'  'Y'  'Y'
 2  'NYYY' 'YYYY'  1.500 11.250  1.500  0.0000  'O'  'O'  'Y'  'Y'
 3  'NYYY' 'YYYY'  1.500  3.500  3.500  0.0000  'O'  'O'  'Y'  'Y'
 4  'NYYY' 'YYYY'  1.500  3.500  3.500  0.0000  'O'  'O'  'Y'  'Y'

```

```

*( 9)INTERIOR WALL OPTIONS:
*Wall Design Detail  ----Notch---  Base_Type      Base_Trim
* Id  Option Option  Depth  Width  Panel  Jamb  Panel  Jamb
 6  'NYYY' 'YYYY'  0.000  0.000  '-'  '-'  'N'  'N'

```

```

*(10)STEP ELEVATION:
*No.      Start      End      Base      Eave      Step      -Slope_Offset-
*Step     Start      End      Elev      Height    Type      Start      End
 1      0.0000  100.0000  0.0000   0.0000   '-'      0.0000   0.0000

```

```

*(11)HALL SYSTEM:
* No. Hall
-----
*Hall Id  Type Orn Opt  Width  Height  Locate  Offset  Length  Depth  Width  L  R  S
E
 0

```

```

*(12)WALL PARTITIONS:
*Sets_Of  Wall
Wall
Column

```



'ZB' '-' 'C' 'N' 0.000 8.000 1.0000 0.0000

\*(20) PURLIN SPACING:

Peak	No	---Purlin---		
Space	Purlins	Location	Rot	
0.0000	9	5.0000	'N'	
		10.0000	'N'	
		15.0000	'N'	
		20.0000	'N'	
		25.0000	'N'	
		30.0000	'N'	
		35.0000	'N'	
		40.0000	'N'	
		45.0000	'N'	

\*(21) PURLIN SIZE:

No.	Part
0	

\*(22) EAVE STRUT:

Wall	Eave_Strut		
Id	Type	Depth	Gutter
2	'-'	0.000	'N'
4	'-'	0.000	'N'

\*(23) EXTERIOR WALL PANEL:

Wall	-----Wall_Panel-----				
Id	Part	Rot	Opt	Screw	Color
1	'CUSPANL '	'-'	'--'	'S--'	'A1 '
2	'CUSPANL '	'-'	'--'	'S--'	'A1 '
3	'CUSPANL '	'-'	'--'	'S--'	'A1 '
4	'CUSPANL '	'-'	'--'	'S--'	'A1 '

\*(24) INTERIOR WALL PANEL:

Wall	-----Wall_Panel-----				
Id	Part	Rot	Opt	Screw	Color
6	'PBR29 '	'R'	'--'	'S--'	'GL '

\*(25) ROOF PANEL:

Panel	Panel	Screw	-----Standing_Seam-----				
Size	Opt	Type	Use	Type	Clip	Seam Type	Clamp
'PBR26 '	'--'	'S--'	'N'	'3U'	3.000	'-----'	'N'

\*(26) EXTERIOR WIND FRAMING:

Wall	Panel	Brace		Wall	No.
Id	Shear	Type	Opt	Dead	Bay
1	'Y'	'N'	'-'	2.00	0
2	'Y'	'N'	'-'	2.00	0
3	'Y'	'N'	'-'	2.00	0
4	'Y'	'N'	'-'	2.00	0
5	'Y'	'N'	'-'	2.50	0

\*(27) INTERIOR WIND FRAMING:

Panel	Brace		Wall	No.
Shear	Type	Opt	Dead	Bay
'Y'	'N'	'-'	2.00	0
'Y'	'N'	'-'	2.00	0

\*(28) BASIC LOADS:

						---Deflection---		
Dead	Collat	Live	Snow	Rain	Basic	Load_Ratio		
Load	Load	Load	Load	Load	Wind	Snow	Wind	Seis
2.0	0.5	20.0	13.4	0.0	19.0	1.00	0.54	1.00

\*(29) WIND PRESSURE/SUCTION:

```

* Wind Wind
* Press Suct
  16.0 -17.6 .. Purlins
  16.0 -20.5 .. Panels

```

\*(30) ROOF EDGE & CORNER ZONES:

```

* Surf No Zone ---Purlin--- ---Panel----
* Id Zone Id Width Length Press Suct Press Suct
  2 11 1 0.00 0.00 1.00 1.00 1.00 1.00 .. Interior
  2 8.88 8.88 1.00 1.45 1.00 1.74 .. Middle
  7 2.96 8.88 1.00 2.15 1.00 3.13 .. Corner top-left
  8 2.96 8.88 1.00 2.15 1.00 3.13 .. Corner top-right
  9 2.96 8.88 1.00 2.15 1.00 3.13 .. Corner bot-right
  10 2.96 8.88 1.00 2.15 1.00 3.13 .. Corner bot-left
  11 5.92 2.96 1.00 2.15 1.00 3.13 .. Corner Gable top-left
  12 5.92 2.96 1.00 2.15 1.00 3.13 .. Corner Gable top-right
  13 5.92 2.96 1.00 2.15 1.00 3.13 .. Corner Gable bot-right
  14 5.92 2.96 1.00 2.15 1.00 3.13 .. Corner Gable bot-left
  15 8.88 8.88 1.00 1.93 1.00 2.30 .. Exterior

```

\*(31) PURLIN DESIGN LOADS:

```

* No_Des Load Wind Wind Aux_Load
* Loads Id Dead Collat Live Snow Drift Rain Press Suct Id Coef
  18 1 1.00 1.00 1.00 0.00 0.00 0.00 0.00 0.00 0 0.00
  2 1.00 1.00 0.00 1.00 0.00 0.00 0.00 0.00 0 0.00
  3 1.00 1.00 0.00 1.00 1.00 0.00 0.00 0.00 0 0.00
  4 1.00 1.00 0.75 0.00 0.00 0.00 0.45 0.00 0 0.00
  5 1.00 1.00 0.00 0.75 0.00 0.00 0.45 0.00 0 0.00
  6 1.00 1.00 0.00 0.75 0.75 0.00 0.45 0.00 0 0.00
  7 0.60 0.00 0.00 0.00 0.00 0.00 0.00 0.60 0 0.00
  8 1.00 1.00 0.00 0.01 0.00 0.00 0.00 0.00 1 1.00
  9 1.00 1.00 0.00 0.01 0.00 0.00 0.45 0.00 1 0.75
  10 1.00 1.00 0.00 0.50 0.00 0.00 0.00 0.00 4 1.00
  11 1.00 1.00 0.00 0.50 0.00 0.00 0.00 0.00 5 1.00
  12 1.00 1.00 0.00 0.50 0.00 0.00 0.00 0.00 6 1.00
  13 1.00 1.00 0.00 0.50 0.00 0.00 0.00 0.00 7 1.00
  14 1.00 1.00 0.00 0.50 0.00 0.00 0.00 0.00 8 1.00
  15 1.00 1.00 0.00 0.50 0.00 0.00 0.00 0.00 2 1.00
  16 1.00 1.00 0.00 0.50 0.00 0.00 0.00 0.00 3 1.00
  17 1.00 1.00 0.00 1.00 0.00 0.00 0.00 0.00 2 -1.00
  18 1.00 1.00 0.00 1.00 0.00 0.00 0.00 0.00 3 -1.00

```

\*(32) PURLIN DESIGN LOADS: Deflection

```

* No_Des Load Wind Wind Aux_Load
* Loads Id Dead Collat Live Snow Drift Rain Press Suct Id Coef
  18 19 1.00 1.00 1.00 0.00 0.00 0.00 0.00 0.00 0 0.00
  20 1.00 1.00 0.00 1.00 0.00 0.00 0.00 0.00 0 0.00
  21 1.00 1.00 0.00 1.00 1.00 0.00 0.00 0.00 0 0.00
  22 1.00 1.00 0.75 0.00 0.00 0.00 0.75 0.00 0 0.00
  23 1.00 1.00 0.00 0.75 0.00 0.00 0.75 0.00 0 0.00
  24 1.00 1.00 0.00 0.75 0.75 0.00 0.75 0.00 0 0.00
  25 0.60 0.00 0.00 0.00 0.00 0.00 0.00 1.00 0 0.00
  26 1.00 1.00 0.00 0.01 0.00 0.00 0.00 0.00 1 1.00
  27 1.00 1.00 0.00 0.01 0.00 0.00 0.75 0.00 1 0.75
  28 1.00 1.00 0.00 0.50 0.00 0.00 0.00 0.00 4 1.00
  29 1.00 1.00 0.00 0.50 0.00 0.00 0.00 0.00 5 1.00
  30 1.00 1.00 0.00 0.50 0.00 0.00 0.00 0.00 6 1.00
  31 1.00 1.00 0.00 0.50 0.00 0.00 0.00 0.00 7 1.00
  32 1.00 1.00 0.00 0.50 0.00 0.00 0.00 0.00 8 1.00
  33 1.00 1.00 0.00 0.50 0.00 0.00 0.00 0.00 2 1.00
  34 1.00 1.00 0.00 0.50 0.00 0.00 0.00 0.00 3 1.00
  35 1.00 1.00 0.00 1.00 0.00 0.00 0.00 0.00 2 -1.00
  36 1.00 1.00 0.00 1.00 0.00 0.00 0.00 0.00 3 -1.00

```

\*(33) PANEL DESIGN LOADS:

* No	Des	Load	Id	Dead	Collat	Live	Snow	Drift	Rain	Wind Press	Wind Suct	Aux Id	Load Coef
8			1	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00
			2	1.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00
			3	1.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0	0.00
			4	1.00	0.00	0.75	0.00	0.00	0.00	0.45	0.00	0	0.00
			5	1.00	0.00	0.00	0.75	0.00	0.00	0.45	0.00	0	0.00
			6	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.60	0	0.00
			7	1.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	1	1.00
			8	1.00	0.00	0.00	0.01	0.00	0.00	0.45	0.00	1	0.75

\*(34) PANEL DESIGN LOADS: Deflection

* No	Des	Load	Id	Dead	Collat	Live	Snow	Drift	Rain	Wind Press	Wind Suct	Aux Id	Load Coef
6			9	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0	0.00
			10	0.00	0.00	0.00	1.00	0.00	0.00	0.00	0.00	0	0.00
			11	0.00	0.00	0.00	1.00	1.00	0.00	0.00	0.00	0	0.00
			12	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0	0.00
			13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.00	0	0.00
			14	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	1	1.00

\*(35) AUXILIARY LOADS:

* No.	Aux	Aux Name	No. Add Combs	Add Id	Add Load Coef
8	1	'MIN_SNOW	1	1	1.00
	2	'PAT_SL_1	1	2	0.50
	3	'PAT_SL_2	1	7	0.50
	4	'PAT_SL_3	2	2	0.50
				3	0.50
	5	'PAT_SL_4	2	3	0.50
				4	0.50
	6	'PAT_SL_5	2	4	0.50
				5	0.50
	7	'PAT_SL_6	2	5	0.50
				6	0.50
	8	'PAT_SL_7	2	6	0.50
				7	0.50

\*(36) ADDITIONAL LOADS:

*No.	Add	Surf	Basic Load	Load Type	Load Orn	F W1	F W2	D D1	D D2	---Surface---	
*Add	Id	Id								Start	End
7	1	2	'U_SNOW'	'D'	'T'	-16.00	-16.00	0.0000	50.0434	0.000	100.000
	2	0	'U_SNOW'	'D'	'L'	-13.44	-13.44	0.0000	16.0000	0.000	0.000
	3	0	'U_SNOW'	'D'	'L'	-13.44	-13.44	16.0000	33.0000	0.000	0.000
	4	0	'U_SNOW'	'D'	'L'	-13.44	-13.44	33.0000	50.0000	0.000	0.000
	5	0	'U_SNOW'	'D'	'L'	-13.44	-13.44	50.0000	67.0000	0.000	0.000
	6	0	'U_SNOW'	'D'	'L'	-13.44	-13.44	67.0000	84.0000	0.000	0.000
	7	0	'U_SNOW'	'D'	'L'	-13.44	-13.44	84.0000	100.0000	0.000	0.000

\*(37) PURLIN BREAK:

*Opt	No.	Location
'-'	0	

\*(38) PANEL SCREWS:

* No.	Zone	Locate	Id	Zone	Part	Dia	Limit	Washer Dia	-----Spacing-----
-------	------	--------	----	------	------	-----	-------	------------	-------------------

3	'ROOF'	0	'INT'	'#17A'	0.209	2.900	0.500	11.429	5.714	0.000
	'ROOF'	0	'EDGE'	'#17A'	0.209	2.900	0.500	11.429	5.714	0.000
	'ROOF'	0	'CORN'	'#17A'	0.209	2.900	0.500	11.429	5.714	0.000

\*(39) ADDITIONAL ROOF FRAMING:

*No.	Id	Use	Orn	Offset	----Location----		Type	Opt	Rot	Part
0										

\*(40) CONNECTION SCREWS:

*No.	Use	Part	Limit	Qty
1	'LAP'	'#1A'	2.05	6

\*AUXILIARY LOAD DESCRIPTIONS:

\* Aux

* Id	Description
* 1	Minimum snow load
* 2	Pattern snow load
* 3	Pattern snow load
* 4	Pattern snow load
* 5	Pattern snow load
* 6	Pattern snow load
* 7	Pattern snow load
* 8	Pattern snow load

\*ADDITIONAL LOAD DESCRIPTIONS:

\* Add

* Id	Description
* 1	Minimum snow load surface 2
* 2	Pattern snow load bay 1
* 3	Pattern snow load bay 2
* 4	Pattern snow load bay 3
* 5	Pattern snow load bay 4
* 6	Pattern snow load bay 5
* 7	Pattern snow load bay 6

\* Code file used was ROOFIBC.18N Version 4.5

STRUCTURAL CODE:

Design Basis : WS - Working Stress  
Cold Formed Steel : NAUS16

BUILDING CODE:

Wind Code : IBC 18  
Seismic Zone : B

MODULUS OF ELASTICITY

Cold Formed Steel : 29500 (ksi )



SURFACE LAYOUT:

Surface Id	Length	No. Row
2	50.043	9

PURLIN LOCATION:

Purlin Id	Surf Offset	Space	Load Width	Dead Load	Show Report	Id	UC	Max Load Report
1	5.004	5.004	5.004	0.62		4	0.68	Mom+Shr
2	10.009	5.004	5.004	0.62		4	0.68	Mom+Shr
3	15.013	5.004	5.004	0.62		4	0.68	Mom+Shr
4	20.017	5.004	5.004	0.62		4	0.68	Mom+Shr
5	25.022	5.004	5.004	0.62		4	0.68	Mom+Shr
6	30.026	5.004	5.004	0.62		4	0.68	Mom+Shr
7	35.030	5.004	5.004	0.62	Y	4	0.68	Mom+Shr
8	40.035	5.004	5.004	0.62		4	0.68	Mom+Shr
9	45.039	5.004	5.004	0.62		4	0.68	Mom+Shr
	50.043	5.004						

Average= 0.62

LAYOUT:

Bay Id	Part	Bay Width	---Lap(ft)---		No. Brace	Unit Weight	Total Weight
			Left	Right			
1	8X25Z16	16.00		1.00	0	47.6	428.4
2	8X25Z16	17.00	1.00	1.00	0	53.2	478.8
3	8X25Z16	17.00	1.00	1.00	0	53.2	478.8
4	8X25Z16	17.00	1.00	1.00	0	53.2	478.8
5	8X25Z16	17.00	1.00	1.00	0	53.2	478.8
6	8X25Z16	16.00	1.00		0	47.6	428.4
Total (lb)=						308.0	2772.0

LOAD COMBINATIONS:

4 - Dead+Collateral+0.75Live+0.45Wind\_Pressure

```

-----
ROOF PURLIN
Surface Id   = 2
Purlin Id    = 7
Offset       = 35.03
-----
    
```

PURLIN LAYOUT:

Bay Id	Part	Design Length (ft)	---Lap(ft)---		Load Width	No. Brace	Unit Weight	Available Reduction	
			Left	Right				Out	In
1	8X25Z16	16.00		1.00	5.00	0	47.6	0.00	0.70
2	8X25Z16	17.00	1.00	1.00	5.00	0	53.2	0.00	0.70
3	8X25Z16	17.00	1.00	1.00	5.00	0	53.2	0.00	0.70
4	8X25Z16	17.00	1.00	1.00	5.00	0	53.2	0.00	0.70
5	8X25Z16	17.00	1.00	1.00	5.00	0	53.2	0.00	0.70
6	8X25Z16	16.00	1.00		5.00	0	47.6	0.00	0.70

LOAD ID 1 : Dead+Collateral+Live

REACTIONS:

Bay Id	-----Shear(k )-----				-----Moment(f-k )-----					
	Left Sup	Left Lap	Right Lap	Right Sup	Left Sup	Left Lap	Mid-Span Mom	Mid-Span Loc	Right Lap	Right Sup
1	0.69		-0.99	-1.11	0.00		-2.13	6.15	2.27	3.32
2	1.00	0.88	-0.80	-0.92	3.32	2.38	-1.09	8.86	1.78	2.64
3	0.94	0.83	-0.86	-0.97	2.64	1.75	-1.30	8.37	1.97	2.88
4	0.97	0.86	-0.83	-0.94	2.88	1.97	-1.30	8.63	1.75	2.64
5	0.92	0.80	-0.88	-1.00	2.64	1.78	-1.09	8.14	2.38	3.32
6	1.11	0.99		-0.69	3.32	2.27	-2.13	9.85		0.00

STRENGTH/DEFLECTION:

Bay Id	-----Shear(k )-----				-----Moment(f-k )-----				Mom+Shear		Deflect(in)	
	Loc	Calc	Limit	UC	Loc	Calc	Limit	UC	Loc	UC	Calc	Limit
1	RLap	-0.99	2.44	0.41	MidS	-2.13	3.63	0.59	RLap	0.62	-0.33	
2	LLap	0.88	2.44	0.36	LLap	2.38	3.96	0.60	LLap	0.61	-0.11	
3	RLap	-0.86	2.44	0.35	RLap	1.97	4.00	0.49	RLap	0.53	-0.18	
4	LLap	0.86	2.44	0.35	LLap	1.97	4.00	0.49	LLap	0.53	-0.18	
5	RLap	-0.88	2.44	0.36	RLap	2.38	3.96	0.60	RLap	0.61	-0.11	
6	LLap	0.99	2.44	0.41	MidS	-2.13	3.63	0.59	LLap	0.62	-0.33	

UNBRACED LENGTH:

Bay Id	Major (ft)	-----Minor(ft)-----					-----Mom1/Mom2-----					-----Cb-----				
		LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup
1	16.0	12.3	1.0	1.0	2.7	1.0	1.00	1.00	1.00	0.00	0.68	1.14	1.00	1.00	1.76	1.15
2	17.0	1.0	3.5	1.0	2.7	1.0	0.72	0.00	1.00	0.00	0.67	1.13	1.81	1.00	1.79	1.15
3	17.0	1.0	2.6	1.0	2.8	1.0	0.66	0.00	1.00	0.00	0.68	1.16	1.77	1.00	1.78	1.15
4	17.0	1.0	2.8	1.0	2.6	1.0	0.68	0.00	1.00	0.00	0.66	1.15	1.78	1.00	1.77	1.16
5	17.0	1.0	2.7	1.0	3.5	1.0	0.67	0.00	1.00	0.00	0.72	1.15	1.79	1.00	1.81	1.13
6	16.0	1.0	2.7	1.0	1.0	12.3	0.68	0.00	1.00	1.00	1.00	1.15	1.76	1.00	1.00	1.14

LOAD ID 2 : Dead+Collateral+Snow

REACTIONS:

Bay Id	-----Shear(k )-----				-----Moment(f-k )-----					
	Left Sup	Left Lap	Right Lap	Right Sup	Left Sup	Left Lap	Mid-Span Mom	Mid-Span Loc	Right Lap	Right Sup
1	0.49		-0.70	-0.78	0.00		-1.50	6.15	1.61	2.35
2	0.70	0.62	-0.57	-0.65	2.35	1.69	-0.77	8.86	1.26	1.86
3	0.67	0.59	-0.61	-0.69	1.86	1.24	-0.92	8.37	1.39	2.04
4	0.69	0.61	-0.59	-0.67	2.04	1.39	-0.92	8.63	1.24	1.86
5	0.65	0.57	-0.62	-0.70	1.86	1.26	-0.77	8.14	1.69	2.35
6	0.78	0.70		-0.49	2.35	1.61	-1.50	9.85		0.00

STRENGTH/DEFLECTION:

Bay Id	Loc	-----Shear(k )-----			-----Moment(f-k )-----				Mom+Shear		Deflect(in)	
		Calc	Limit	UC	Loc	Calc	Limit	UC	Loc	UC	Calc	Limit
1	RLap	-0.70	2.44	0.29	MidS	-1.50	3.63	0.41	RLap	0.44	-0.23	
2	LLap	0.62	2.44	0.26	LLap	1.69	3.96	0.43	LLap	0.43	-0.08	
3	RLap	-0.61	2.44	0.25	RLap	1.39	4.00	0.35	RLap	0.38	-0.12	
4	LLap	0.61	2.44	0.25	LLap	1.39	4.00	0.35	LLap	0.38	-0.12	
5	RLap	-0.62	2.44	0.26	RLap	1.69	3.96	0.43	RLap	0.43	-0.08	
6	LLap	0.70	2.44	0.29	MidS	-1.50	3.63	0.41	LLap	0.44	-0.23	

UNBRACED LENGTH:

Bay Id	Major (ft)	-----Minor(ft)-----					-----Mom1/Mom2-----					-----Cb-----				
		LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup
1	16.0	12.3	1.0	1.0	2.7	1.0	1.00	1.00	1.00	0.00	0.68	1.14	1.00	1.00	1.76	1.15
2	17.0	1.0	3.5	1.0	2.7	1.0	0.72	0.00	1.00	0.00	0.67	1.13	1.81	1.00	1.79	1.15
3	17.0	1.0	2.6	1.0	2.8	1.0	0.66	0.00	1.00	0.00	0.68	1.16	1.77	1.00	1.78	1.15
4	17.0	1.0	2.8	1.0	2.6	1.0	0.68	0.00	1.00	0.00	0.66	1.15	1.78	1.00	1.77	1.16
5	17.0	1.0	2.7	1.0	3.5	1.0	0.67	0.00	1.00	0.00	0.72	1.15	1.79	1.00	1.81	1.13
6	16.0	1.0	2.7	1.0	1.0	12.3	0.68	0.00	1.00	1.00	1.00	1.15	1.76	1.00	1.00	1.14

LOAD ID 3 : Dead+Collateral+Snow+Snow\_Drift

REACTIONS:

Bay Id	-----Shear(k )-----				-----Moment(f-k )-----					
	Left Sup	Left Lap	Right Lap	Right Sup	Left Sup	Left Lap	Mid-Span Mom	Mid-Span Loc	Right Lap	Right Sup
1	0.49		-0.70	-0.78	0.00		-1.50	6.15	1.61	2.35
2	0.70	0.62	-0.57	-0.65	2.35	1.69	-0.77	8.86	1.26	1.86
3	0.67	0.59	-0.61	-0.69	1.86	1.24	-0.92	8.37	1.39	2.04
4	0.69	0.61	-0.59	-0.67	2.04	1.39	-0.92	8.63	1.24	1.86
5	0.65	0.57	-0.62	-0.70	1.86	1.26	-0.77	8.14	1.69	2.35
6	0.78	0.70		-0.49	2.35	1.61	-1.50	9.85		0.00

STRENGTH/DEFLECTION:

Bay Id	Loc	-----Shear(k )-----			-----Moment(f-k )-----				Mom+Shear		Deflect(in)	
		Calc	Limit	UC	Loc	Calc	Limit	UC	Loc	UC	Calc	Limit
1	RLap	-0.70	2.44	0.29	MidS	-1.50	3.63	0.41	RLap	0.44	-0.23	
2	LLap	0.62	2.44	0.26	LLap	1.69	3.96	0.43	LLap	0.43	-0.08	
3	RLap	-0.61	2.44	0.25	RLap	1.39	4.00	0.35	RLap	0.38	-0.12	
4	LLap	0.61	2.44	0.25	LLap	1.39	4.00	0.35	LLap	0.38	-0.12	
5	RLap	-0.62	2.44	0.26	RLap	1.69	3.96	0.43	RLap	0.43	-0.08	
6	LLap	0.70	2.44	0.29	MidS	-1.50	3.63	0.41	LLap	0.44	-0.23	

UNBRACED LENGTH:

Bay Id	Major (ft)	-----Minor(ft)-----					-----Mom1/Mom2-----					-----Cb-----				
		LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup
1	16.0	12.3	1.0	1.0	2.7	1.0	1.00	1.00	1.00	0.00	0.68	1.14	1.00	1.00	1.76	1.15
2	17.0	1.0	3.5	1.0	2.7	1.0	0.72	0.00	1.00	0.00	0.67	1.13	1.81	1.00	1.79	1.15

3	17.0	1.0	2.6	1.0	2.8	1.0	0.66	0.00	1.00	0.00	0.68	1.16	1.77	1.00	1.78	1.15
4	17.0	1.0	2.8	1.0	2.6	1.0	0.68	0.00	1.00	0.00	0.66	1.15	1.78	1.00	1.77	1.16
5	17.0	1.0	2.7	1.0	3.5	1.0	0.67	0.00	1.00	0.00	0.72	1.15	1.79	1.00	1.81	1.13
6	16.0	1.0	2.7	1.0	1.0	12.3	0.68	0.00	1.00	1.00	1.00	1.15	1.76	1.00	1.00	1.14

LOAD ID 4 : Dead+Collateral+0.75Live+0.45Wind\_Pressure

REACTIONS:

Bay Id	-----Shear(k )-----				-----Moment (f-k )-----					
	Left Sup	Left Lap	Right Lap	Right Sup	Left Sup	Left Lap	Mid-Span Mom	Mid-Span Loc	Right Lap	Right Sup
1	0.76		-1.09	-1.22	0.00		-2.34	6.15	2.50	3.65
2	1.09	0.97	-0.88	-1.01	3.65	2.62	-1.19	8.86	1.95	2.90
3	1.03	0.91	-0.94	-1.07	2.90	1.93	-1.43	8.37	2.16	3.17
4	1.07	0.94	-0.91	-1.03	3.17	2.16	-1.43	8.63	1.93	2.90
5	1.01	0.88	-0.97	-1.09	2.90	1.95	-1.19	8.14	2.62	3.65
6	1.22	1.09		-0.76	3.65	2.50	-2.34	9.85		0.00

STRENGTH/DEFLECTION:

Bay Id	-----Shear(k )-----				-----Moment (f-k )-----				Mom+Shear		Deflect (in)	
	Loc	Calc	Limit	UC	Loc	Calc	Limit	UC	Loc	UC	Calc	Limit
1	RLap	-1.09	2.44	0.45	MidS	-2.34	3.63	0.64	RLap	0.68	-0.36	
2	LLap	0.97	2.44	0.40	LLap	2.62	3.96	0.66	LLap	0.67	-0.13	
3	RLap	-0.94	2.44	0.39	RLap	2.16	4.00	0.54	RLap	0.59	-0.19	
4	LLap	0.94	2.44	0.39	LLap	2.16	4.00	0.54	LLap	0.59	-0.19	
5	RLap	-0.97	2.44	0.40	RLap	2.62	3.96	0.66	RLap	0.67	-0.13	
6	LLap	1.09	2.44	0.45	MidS	-2.34	3.63	0.64	LLap	0.68	-0.36	

UNBRACED LENGTH:

Bay Id	Major (ft)	-----Minor (ft)-----					-----Mom1/Mom2-----					-----Cb-----				
		LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup
1	16.0	12.3	1.0	1.0	2.7	1.0	1.00	1.00	1.00	0.00	0.68	1.14	1.00	1.00	1.76	1.15
2	17.0	1.0	3.5	1.0	2.7	1.0	0.72	0.00	1.00	0.00	0.67	1.13	1.81	1.00	1.79	1.15
3	17.0	1.0	2.6	1.0	2.8	1.0	0.66	0.00	1.00	0.00	0.68	1.16	1.77	1.00	1.78	1.15
4	17.0	1.0	2.8	1.0	2.6	1.0	0.68	0.00	1.00	0.00	0.66	1.15	1.78	1.00	1.77	1.16
5	17.0	1.0	2.7	1.0	3.5	1.0	0.67	0.00	1.00	0.00	0.72	1.15	1.79	1.00	1.81	1.13
6	16.0	1.0	2.7	1.0	1.0	12.3	0.68	0.00	1.00	1.00	1.00	1.15	1.76	1.00	1.00	1.14

LOAD ID 5 : Dead+Collateral+0.75Snow+0.45Wind\_Pressure

REACTIONS:

Bay Id	-----Shear(k )-----				-----Moment (f-k )-----					
	Left Sup	Left Lap	Right Lap	Right Sup	Left Sup	Left Lap	Mid-Span Mom	Mid-Span Loc	Right Lap	Right Sup
1	0.61		-0.87	-0.97	0.00		-1.87	6.15	2.00	2.92
2	0.87	0.78	-0.71	-0.80	2.92	2.09	-0.95	8.86	1.56	2.32
3	0.83	0.73	-0.75	-0.85	2.32	1.54	-1.14	8.37	1.73	2.53
4	0.85	0.75	-0.73	-0.83	2.53	1.73	-1.14	8.63	1.54	2.32
5	0.80	0.71	-0.78	-0.87	2.32	1.56	-0.95	8.14	2.09	2.92
6	0.97	0.87		-0.61	2.92	2.00	-1.87	9.85		0.00

STRENGTH/DEFLECTION:

Bay Id	-----Shear(k )-----				-----Moment (f-k )-----				Mom+Shear		Deflect (in)	
	Loc	Calc	Limit	UC	Loc	Calc	Limit	UC	Loc	UC	Calc	Limit
1	RLap	-0.87	2.44	0.36	MidS	-1.87	3.63	0.51	RLap	0.54	-0.29	
2	LLap	0.78	2.44	0.32	LLap	2.09	3.96	0.53	LLap	0.53	-0.10	
3	RLap	-0.75	2.44	0.31	RLap	1.73	4.00	0.43	RLap	0.47	-0.15	
4	LLap	0.75	2.44	0.31	LLap	1.73	4.00	0.43	LLap	0.47	-0.15	

5	RLap	-0.78	2.44	0.32	RLap	2.09	3.96	0.53	RLap	0.53	-0.10
6	LLap	0.87	2.44	0.36	MidS	-1.87	3.63	0.51	LLap	0.54	-0.29

UNBRACED LENGTH:

Bay Id	Major (ft)	-----Minor (ft)-----					-----Mom1/Mom2-----					-----Cb-----				
		LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup
1	16.0	12.3	1.0	1.0	2.7	1.0	1.00	1.00	1.00	0.00	0.68	1.14	1.00	1.00	1.76	1.15
2	17.0	1.0	3.5	1.0	2.7	1.0	0.72	0.00	1.00	0.00	0.67	1.13	1.81	1.00	1.79	1.15
3	17.0	1.0	2.6	1.0	2.8	1.0	0.66	0.00	1.00	0.00	0.68	1.16	1.77	1.00	1.78	1.15
4	17.0	1.0	2.8	1.0	2.6	1.0	0.68	0.00	1.00	0.00	0.66	1.15	1.78	1.00	1.77	1.16
5	17.0	1.0	2.7	1.0	3.5	1.0	0.67	0.00	1.00	0.00	0.72	1.15	1.79	1.00	1.81	1.13
6	16.0	1.0	2.7	1.0	1.0	12.3	0.68	0.00	1.00	1.00	1.00	1.15	1.76	1.00	1.00	1.14

LOAD ID 6 : Dead+Collateral+0.75Snow+0.45Wind\_Pressure+0.75Snow\_Drift

REACTIONS:

Bay Id	-----Shear(k )-----				-----Moment (f-k )-----					
	Left Sup	Left Lap	Right Lap	Right Sup	Left Sup	Left Lap	Mid-Span Mom	Mid-Span Loc	Right Lap	Right Sup
1	0.61		-0.87	-0.97	0.00		-1.87	6.15	2.00	2.92
2	0.87	0.78	-0.71	-0.80	2.92	2.09	-0.95	8.86	1.56	2.32
3	0.83	0.73	-0.75	-0.85	2.32	1.54	-1.14	8.37	1.73	2.53
4	0.85	0.75	-0.73	-0.83	2.53	1.73	-1.14	8.63	1.54	2.32
5	0.80	0.71	-0.78	-0.87	2.32	1.56	-0.95	8.14	2.09	2.92
6	0.97	0.87		-0.61	2.92	2.00	-1.87	9.85		0.00

STRENGTH/DEFLECTION:

Bay Id	-----Shear(k )-----				-----Moment (f-k )-----				Mom+Shear		Deflect (in)	
	Loc	Calc	Limit	UC	Loc	Calc	Limit	UC	Loc	UC	Calc	Limit
1	RLap	-0.87	2.44	0.36	MidS	-1.87	3.63	0.51	RLap	0.54	-0.29	
2	LLap	0.78	2.44	0.32	LLap	2.09	3.96	0.53	LLap	0.53	-0.10	
3	RLap	-0.75	2.44	0.31	RLap	1.73	4.00	0.43	RLap	0.47	-0.15	
4	LLap	0.75	2.44	0.31	LLap	1.73	4.00	0.43	LLap	0.47	-0.15	
5	RLap	-0.78	2.44	0.32	RLap	2.09	3.96	0.53	RLap	0.53	-0.10	
6	LLap	0.87	2.44	0.36	MidS	-1.87	3.63	0.51	LLap	0.54	-0.29	

UNBRACED LENGTH:

Bay Id	Major (ft)	-----Minor (ft)-----					-----Mom1/Mom2-----					-----Cb-----				
		LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup
1	16.0	12.3	1.0	1.0	2.7	1.0	1.00	1.00	1.00	0.00	0.68	1.14	1.00	1.00	1.76	1.15
2	17.0	1.0	3.5	1.0	2.7	1.0	0.72	0.00	1.00	0.00	0.67	1.13	1.81	1.00	1.79	1.15
3	17.0	1.0	2.6	1.0	2.8	1.0	0.66	0.00	1.00	0.00	0.68	1.16	1.77	1.00	1.78	1.15
4	17.0	1.0	2.8	1.0	2.6	1.0	0.68	0.00	1.00	0.00	0.66	1.15	1.78	1.00	1.77	1.16
5	17.0	1.0	2.7	1.0	3.5	1.0	0.67	0.00	1.00	0.00	0.72	1.15	1.79	1.00	1.81	1.13
6	16.0	1.0	2.7	1.0	1.0	12.3	0.68	0.00	1.00	1.00	1.00	1.15	1.76	1.00	1.00	1.14

LOAD ID 7 : 0.6Dead+0.6Wind\_Suction

REACTIONS:

Bay Id	-----Shear(k )-----				-----Moment (f-k )-----					
	Left Sup	Left Lap	Right Lap	Right Sup	Left Sup	Left Lap	Mid-Span Mom	Mid-Span Loc	Right Lap	Right Sup
1	-0.58		0.70	0.77	0.00		1.74	6.88	-1.59	-2.32
2	-0.64	-0.57	0.49	0.56	-2.32	-1.72	0.61	9.12	-1.06	-1.59
3	-0.58	-0.51	0.55	0.62	-1.59	-1.04	0.84	8.28	-1.27	-1.85
4	-0.62	-0.55	0.51	0.58	-1.85	-1.27	0.84	8.72	-1.04	-1.59
5	-0.56	-0.49	0.57	0.64	-1.59	-1.06	0.61	7.88	-1.72	-2.32
6	-0.77	-0.70		0.58	-2.32	-1.59	1.74	9.12		0.00

STRENGTH/DEFLECTION:

Bay Id	Loc	Shear(k )			Moment (f-k )				Mom+Shear		Deflect (in)	
		Calc	Limit	UC	Loc	Calc	Limit	UC	Loc	UC	Calc	Limit
1	RLap	0.70	2.44	0.29	MidS	1.74	3.43	0.51	RLap	0.43	0.28	
2	LLap	-0.57	2.44	0.24	LLap	-1.72	3.63	0.47	LLap	0.42	0.05	
3	RLap	0.55	2.44	0.22	RLap	-1.27	3.63	0.35	RLap	0.34	0.12	
4	LLap	-0.55	2.44	0.22	LLap	-1.27	3.63	0.35	LLap	0.34	0.12	
5	RLap	0.57	2.44	0.24	RLap	-1.72	3.63	0.47	RLap	0.42	0.05	
6	LLap	-0.70	2.44	0.29	MidS	1.74	3.43	0.51	LLap	0.43	0.28	

UNBRACED LENGTH:

Bay Id	Major (ft)	Minor (ft)					Mom1/Mom2					Cb				
		LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup
1	16.0	12.4	12.4	12.4	1.0	1.0	1.00	1.00	1.00	1.00	1.00	1.14	1.14	1.14	1.00	1.00
2	17.0	1.0	1.0	7.9	1.0	1.0	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.12	1.00	1.00
3	17.0	1.0	1.0	9.5	1.0	1.0	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.13	1.00	1.00
4	17.0	1.0	1.0	9.5	1.0	1.0	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.13	1.00	1.00
5	17.0	1.0	1.0	7.9	1.0	1.0	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.12	1.00	1.00
6	16.0	1.0	1.0	12.4	12.4	12.4	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.14	1.14	1.14

LOAD ID 8 : Dead+Collateral+MIN\_SNOW

REACTIONS:

Bay Id	Shear(k )				Moment (f-k )					
	Left Sup	Left Lap	Right Lap	Right Sup	Left Sup	Left Lap	Mid-Span Mom	Loc	Right Lap	Right Sup
1	0.57		-0.82	-0.91	0.00		-1.75	6.15	1.87	2.73
2	0.82	0.73	-0.66	-0.75	2.73	1.96	-0.89	8.86	1.46	2.17
3	0.77	0.68	-0.71	-0.80	2.17	1.44	-1.07	8.37	1.62	2.37
4	0.80	0.71	-0.68	-0.77	2.37	1.62	-1.07	8.63	1.44	2.17
5	0.75	0.66	-0.73	-0.82	2.17	1.46	-0.89	8.14	1.96	2.73
6	0.91	0.82		-0.57	2.73	1.87	-1.75	9.85		0.00

STRENGTH/DEFLECTION:

Bay Id	Loc	Shear(k )			Moment (f-k )				Mom+Shear		Deflect (in)	
		Calc	Limit	UC	Loc	Calc	Limit	UC	Loc	UC	Calc	Limit
1	RLap	-0.82	2.44	0.34	MidS	-1.75	3.63	0.48	RLap	0.51	-0.27	
2	LLap	0.73	2.44	0.30	LLap	1.96	3.95	0.50	LLap	0.50	-0.09	
3	RLap	-0.71	2.44	0.29	RLap	1.62	4.00	0.40	RLap	0.44	-0.14	
4	LLap	0.71	2.44	0.29	LLap	1.62	4.00	0.40	LLap	0.44	-0.14	
5	RLap	-0.73	2.44	0.30	RLap	1.96	3.95	0.50	RLap	0.50	-0.09	
6	LLap	0.82	2.44	0.34	MidS	-1.75	3.63	0.48	LLap	0.51	-0.27	

UNBRACED LENGTH:

Bay Id	Major (ft)	Minor (ft)					Mom1/Mom2					Cb				
		LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup
1	16.0	12.2	1.0	1.0	2.8	1.0	1.00	1.00	1.00	-0.03	0.68	1.13	1.00	1.00	1.80	1.15
2	17.0	1.0	3.7	1.0	2.9	1.0	0.72	-0.04	1.00	-0.04	0.67	1.13	1.89	1.00	1.85	1.15
3	17.0	1.0	2.7	1.0	3.0	1.0	0.66	-0.03	1.00	-0.04	0.68	1.16	1.83	1.00	1.84	1.15
4	17.0	1.0	3.0	1.0	2.7	1.0	0.68	-0.04	1.00	-0.03	0.66	1.15	1.84	1.00	1.83	1.16
5	17.0	1.0	2.9	1.0	3.7	1.0	0.67	-0.04	1.00	-0.04	0.72	1.15	1.85	1.00	1.89	1.13
6	16.0	1.0	2.8	1.0	1.0	12.2	0.68	-0.03	1.00	1.00	1.00	1.15	1.80	1.00	1.00	1.13

LOAD ID 9 : Dead+Collateral+0.45Wind\_Pressure+0.75MIN\_SNOW

REACTIONS:

Shear(k )				Moment (f-k )					
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Bay Id	Left Sup	Left Lap	Right Lap	Right Sup	Left Sup	Left Lap	Mid-Span Mom	Loc	Right Lap	Right Sup
1	0.67		-0.96	-1.07	0.00		-2.05	6.15	2.19	3.21
2	0.96	0.85	-0.77	-0.88	3.21	2.30	-1.05	8.86	1.72	2.55
3	0.91	0.80	-0.83	-0.94	2.55	1.69	-1.26	8.37	1.90	2.78
4	0.94	0.83	-0.80	-0.91	2.78	1.90	-1.26	8.63	1.69	2.55
5	0.88	0.77	-0.85	-0.96	2.55	1.72	-1.05	8.14	2.30	3.21
6	1.07	0.96		-0.67	3.21	2.19	-2.05	9.85		0.00

STRENGTH/DEFLECTION:

Bay Id	Loc	Shear (k )			Moment (f-k )				Mom+Shear		Deflect (in)	
		Calc	Limit	UC	Loc	Calc	Limit	UC	Loc	UC	Calc	Limit
1	RLap	-0.96	2.44	0.39	MidS	-2.05	3.63	0.57	RLap	0.60	-0.32	
2	LLap	0.85	2.44	0.35	LLap	2.30	3.96	0.58	LLap	0.59	-0.11	
3	RLap	-0.83	2.44	0.34	RLap	1.90	4.00	0.48	RLap	0.52	-0.17	
4	LLap	0.83	2.44	0.34	LLap	1.90	4.00	0.48	LLap	0.52	-0.17	
5	RLap	-0.85	2.44	0.35	RLap	2.30	3.96	0.58	RLap	0.59	-0.11	
6	LLap	0.96	2.44	0.39	MidS	-2.05	3.63	0.57	LLap	0.60	-0.32	

UNBRACED LENGTH:

Bay Id	Major (ft)	Minor (ft)					Mom1/Mom2					Cb				
		LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup
1	16.0	12.2	1.0	1.0	2.8	1.0	1.00	1.00	1.00	-0.03	0.68	1.13	1.00	1.00	1.80	1.15
2	17.0	1.0	3.5	1.0	2.9	1.0	0.72	-0.01	1.00	-0.04	0.67	1.13	1.84	1.00	1.85	1.15
3	17.0	1.0	2.7	1.0	3.0	1.0	0.66	-0.03	1.00	-0.04	0.68	1.16	1.83	1.00	1.84	1.15
4	17.0	1.0	3.0	1.0	2.7	1.0	0.68	-0.04	1.00	-0.03	0.66	1.15	1.84	1.00	1.83	1.16
5	17.0	1.0	2.9	1.0	3.5	1.0	0.67	-0.04	1.00	-0.01	0.72	1.15	1.85	1.00	1.84	1.13
6	16.0	1.0	2.8	1.0	1.0	12.2	0.68	-0.03	1.00	1.00	1.00	1.15	1.80	1.00	1.00	1.13

LOAD ID 10 : Dead+Collateral+Snow/2+PAT\_SL\_3

REACTIONS:

Bay Id	Left Sup	Left Lap	Right Lap	Right Sup	Left Sup	Left Lap	Mid-Span Mom	Loc	Right Lap	Right Sup
1	0.48		-0.71	-0.79	0.00		-1.46	6.06	1.71	2.46
2	0.74	0.66	-0.54	-0.62	2.46	1.77	-0.94	9.25	0.88	1.45
3	0.41	0.37	-0.32	-0.37	1.45	1.06	-0.40	8.99	0.73	1.07
4	0.39	0.34	-0.35	-0.39	1.07	0.71	-0.57	8.45	0.74	1.11
5	0.38	0.33	-0.36	-0.40	1.11	0.76	-0.43	8.19	0.97	1.35
6	0.45	0.41		-0.28	1.35	0.92	-0.87	9.84		0.00

STRENGTH/DEFLECTION:

Bay Id	Loc	Shear (k )			Moment (f-k )				Mom+Shear		Deflect (in)	
		Calc	Limit	UC	Loc	Calc	Limit	UC	Loc	UC	Calc	Limit
1	RLap	-0.71	2.44	0.29	RLap	1.71	4.00	0.43	RLap	0.46	-0.22	
2	LLap	0.66	2.44	0.27	LLap	1.77	3.96	0.45	LLap	0.45	-0.12	
3	LLap	0.37	2.44	0.15	LLap	1.06	3.94	0.27	LLap	0.26	-0.03	
4	RLap	-0.35	2.44	0.14	RLap	0.74	4.01	0.18	RLap	0.21	-0.08	
5	RLap	-0.36	2.44	0.15	RLap	0.97	3.96	0.24	RLap	0.25	-0.04	
6	LLap	0.41	2.44	0.17	MidS	-0.87	3.63	0.24	LLap	0.25	-0.14	

UNBRACED LENGTH:

Bay Id	Major (ft)	Minor (ft)					Mom1/Mom2					Cb				
		LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup
1	16.0	12.0	1.0	1.0	3.0	1.0	1.00	1.00	1.00	-0.03	0.70	1.13	1.00	1.00	1.81	1.14
2	17.0	1.0	3.6	1.0	2.0	1.0	0.72	-0.04	1.00	-0.03	0.60	1.13	1.87	1.00	1.79	1.20
3	17.0	1.0	3.8	1.0	2.8	1.0	0.73	0.00	1.00	0.00	0.68	1.12	1.83	1.00	1.80	1.15

4	17.0	1.0	2.5	1.0	2.6	1.0	0.66	0.00	1.00	0.00	0.67	1.16	1.77	1.00	1.77	1.16
5	17.0	1.0	2.9	1.0	3.5	1.0	0.68	0.00	1.00	0.00	0.72	1.15	1.79	1.00	1.81	1.13
6	16.0	1.0	2.7	1.0	1.0	12.3	0.68	0.00	1.00	1.00	1.00	1.15	1.76	1.00	1.00	1.14

LOAD ID 11 : Dead+Collateral+Snow/2+PAT\_SL\_4

REACTIONS:

Bay Id	Shear(k )				Moment (f-k )					
	Left Sup	Left Lap	Right Lap	Right Sup	Left Sup	Left Lap	Mid-Span Mom	Mid-Span Loc	Right Lap	Right Sup
1	0.26		-0.43	-0.48	0.00		-0.74	5.66	1.27	1.72
2	0.65	0.57	-0.62	-0.70	1.72	1.11	-0.94	8.18	1.50	2.16
3	0.71	0.63	-0.56	-0.64	2.16	1.49	-1.02	8.94	0.96	1.56
4	0.43	0.38	-0.31	-0.36	1.56	1.16	-0.41	9.26	0.64	0.97
5	0.37	0.32	-0.37	-0.42	0.97	0.63	-0.49	7.97	1.00	1.39
6	0.45	0.41		-0.28	1.39	0.96	-0.86	9.89		0.00

STRENGTH/DEFLECTION:

Bay Id	Loc	Shear(k )			UC	Moment (f-k )				Mom+Shear		Deflect (in)	
		Calc	Limit	UC		Loc	Calc	Limit	UC	Loc	UC	Calc	Limit
1	RLap	-0.43	2.44	0.18	RLap	1.27	3.94	0.32	RLap	0.31	-0.09		
2	RLap	-0.62	2.44	0.26	RLap	1.50	3.99	0.38	RLap	0.40	-0.13		
3	LLap	0.63	2.44	0.26	LLap	1.49	4.00	0.37	LLap	0.40	-0.15		
4	LLap	0.38	2.44	0.16	LLap	1.16	3.93	0.30	LLap	0.28	-0.03		
5	RLap	-0.37	2.44	0.15	RLap	1.00	3.96	0.25	RLap	0.25	-0.06		
6	LLap	0.41	2.44	0.17	LLap	0.96	4.01	0.24	LLap	0.26	-0.13		

UNBRACED LENGTH:

Bay Id	Major (ft)	Minor (ft)					Mom1/Mom2					Cb				
		LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup
1	16.0	11.3	1.0	1.0	3.7	1.0	1.00	1.00	1.00	0.00	0.74	1.14	1.00	1.00	1.79	1.12
2	17.0	1.0	2.4	1.0	3.1	1.0	0.65	-0.03	1.00	-0.04	0.69	1.17	1.81	1.00	1.85	1.14
3	17.0	1.0	3.0	1.0	2.1	1.0	0.69	-0.04	1.00	-0.03	0.61	1.15	1.84	1.00	1.79	1.19
4	17.0	1.0	4.0	1.0	2.5	1.0	0.74	0.00	1.00	0.00	0.66	1.12	1.84	1.00	1.78	1.16
5	17.0	1.0	2.4	1.0	3.4	1.0	0.65	0.00	1.00	0.00	0.72	1.17	1.77	1.00	1.81	1.13
6	16.0	1.0	2.8	1.0	1.0	12.2	0.69	0.00	1.00	1.00	1.00	1.15	1.76	1.00	1.00	1.14

LOAD ID 12 : Dead+Collateral+Snow/2+PAT\_SL\_5

REACTIONS:

Bay Id	Shear(k )				Moment (f-k )					
	Left Sup	Left Lap	Right Lap	Right Sup	Left Sup	Left Lap	Mid-Span Mom	Mid-Span Loc	Right Lap	Right Sup
1	0.29		-0.40	-0.45	0.00		-0.91	6.29	0.83	1.26
2	0.38	0.33	-0.36	-0.40	1.26	0.90	-0.30	8.24	1.08	1.46
3	0.63	0.55	-0.64	-0.72	1.46	0.87	-1.03	7.91	1.57	2.25
4	0.72	0.64	-0.55	-0.63	2.25	1.57	-1.03	9.09	0.87	1.46
5	0.40	0.36	-0.33	-0.38	1.46	1.08	-0.30	8.76	0.90	1.26
6	0.45	0.40		-0.29	1.26	0.83	-0.91	9.71		0.00

STRENGTH/DEFLECTION:

Bay Id	Loc	Shear(k )			UC	Moment (f-k )				Mom+Shear		Deflect (in)	
		Calc	Limit	UC		Loc	Calc	Limit	UC	Loc	UC	Calc	Limit
1	RLap	-0.40	2.44	0.16	MidS	-0.91	3.63	0.25	RLap	0.24	-0.15		
2	RLap	-0.36	2.44	0.15	RLap	1.08	3.92	0.28	RLap	0.27	-0.01		
3	RLap	-0.64	2.44	0.26	RLap	1.57	3.99	0.39	RLap	0.42	-0.15		
4	LLap	0.64	2.44	0.26	LLap	1.57	3.99	0.39	LLap	0.42	-0.15		
5	LLap	0.36	2.44	0.15	LLap	1.08	3.92	0.28	LLap	0.27	-0.01		



6 LLap 0.40 2.44 0.16 MidS -0.91 3.63 0.25 LLap 0.24 -0.15

UNBRACED LENGTH:

Bay Id	Major (ft)	-----Minor (ft)-----					-----Mom1/Mom2-----					-----Cb-----				
		LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup
1	16.0	12.6	1.0	1.0	2.4	1.0	1.00	1.00	1.00	0.00	0.66	1.14	1.00	1.00	1.75	1.16
2	17.0	1.0	3.6	1.0	4.1	1.0	0.72	0.00	1.00	0.00	0.74	1.13	1.84	1.00	1.86	1.12
3	17.0	1.0	1.9	1.0	3.1	1.0	0.60	-0.03	1.00	-0.04	0.70	1.20	1.78	1.00	1.84	1.14
4	17.0	1.0	3.1	1.0	1.9	1.0	0.70	-0.04	1.00	-0.03	0.60	1.14	1.84	1.00	1.78	1.20
5	17.0	1.0	4.1	1.0	3.6	1.0	0.74	0.00	1.00	0.00	0.72	1.12	1.86	1.00	1.84	1.13
6	16.0	1.0	2.4	1.0	1.0	12.6	0.66	0.00	1.00	1.00	1.00	1.16	1.75	1.00	1.00	1.14

LOAD ID 13 : Dead+Collateral+Snow/2+PAT\_SL\_6

REACTIONS:

Bay Id	-----Shear (k )-----				-----Moment (f-k )-----					
	Left Sup	Left Lap	Right Lap	Right Sup	Left Sup	Left Lap	Mid-Span Mom	Mid-Span Loc	Right Lap	Right Sup
1	0.28		-0.41	-0.45	0.00		-0.86	6.11	0.96	1.39
2	0.42	0.37	-0.32	-0.37	1.39	1.00	-0.49	9.03	0.63	0.97
3	0.36	0.31	-0.38	-0.43	0.97	0.64	-0.41	7.74	1.16	1.56
4	0.64	0.56	-0.63	-0.71	1.56	0.96	-1.02	8.06	1.49	2.16
5	0.70	0.62	-0.57	-0.65	2.16	1.50	-0.94	8.82	1.11	1.72
6	0.48	0.43		-0.26	1.72	1.27	-0.74	10.34		0.00

STRENGTH/DEFLECTION:

Bay Id	-----Shear (k )-----				-----Moment (f-k )-----				Mom+Shear		Deflect (in)	
	Loc	Calc	Limit	UC	Loc	Calc	Limit	UC	Loc	UC	Calc	Limit
1	RLap	-0.41	2.44	0.17	RLap	0.96	4.01	0.24	RLap	0.26	-0.13	
2	LLap	0.37	2.44	0.15	LLap	1.00	3.96	0.25	LLap	0.25	-0.06	
3	RLap	-0.38	2.44	0.16	RLap	1.16	3.93	0.30	RLap	0.28	-0.03	
4	RLap	-0.63	2.44	0.26	RLap	1.49	4.00	0.37	RLap	0.40	-0.15	
5	LLap	0.62	2.44	0.26	LLap	1.50	3.99	0.38	LLap	0.40	-0.13	
6	LLap	0.43	2.44	0.18	LLap	1.27	3.94	0.32	LLap	0.31	-0.09	

UNBRACED LENGTH:

Bay Id	Major (ft)	-----Minor (ft)-----					-----Mom1/Mom2-----					-----Cb-----				
		LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup
1	16.0	12.2	1.0	1.0	2.8	1.0	1.00	1.00	1.00	0.00	0.69	1.14	1.00	1.00	1.76	1.15
2	17.0	1.0	3.4	1.0	2.4	1.0	0.72	0.00	1.00	0.00	0.65	1.13	1.81	1.00	1.77	1.17
3	17.0	1.0	2.5	1.0	4.0	1.0	0.66	0.00	1.00	0.00	0.74	1.16	1.78	1.00	1.84	1.12
4	17.0	1.0	2.1	1.0	3.0	1.0	0.61	-0.03	1.00	-0.04	0.69	1.19	1.79	1.00	1.84	1.15
5	17.0	1.0	3.1	1.0	2.4	1.0	0.69	-0.04	1.00	-0.03	0.65	1.14	1.85	1.00	1.81	1.17
6	16.0	1.0	3.7	1.0	1.0	11.3	0.74	0.00	1.00	1.00	1.00	1.12	1.79	1.00	1.00	1.14

LOAD ID 14 : Dead+Collateral+Snow/2+PAT\_SL\_7

REACTIONS:

Bay Id	-----Shear (k )-----				-----Moment (f-k )-----					
	Left Sup	Left Lap	Right Lap	Right Sup	Left Sup	Left Lap	Mid-Span Mom	Mid-Span Loc	Right Lap	Right Sup
1	0.28		-0.41	-0.45	0.00		-0.87	6.16	0.92	1.35
2	0.40	0.36	-0.33	-0.38	1.35	0.97	-0.43	8.81	0.76	1.11
3	0.39	0.35	-0.34	-0.39	1.11	0.74	-0.57	8.55	0.71	1.07
4	0.37	0.32	-0.37	-0.41	1.07	0.73	-0.40	8.01	1.06	1.45
5	0.62	0.54	-0.66	-0.74	1.45	0.88	-0.94	7.75	1.77	2.46
6	0.79	0.71		-0.48	2.46	1.71	-1.46	9.94		0.00

STRENGTH/DEFLECTION:

Bay Id	Loc	Shear(k )			Moment(f-k )				Mom+Shear		Deflect(in)	
		Calc	Limit	UC	Loc	Calc	Limit	UC	Loc	UC	Calc	Limit
1	RLap	-0.41	2.44	0.17	MidS	-0.87	3.63	0.24	RLap	0.25	-0.14	
2	LLap	0.36	2.44	0.15	LLap	0.97	3.96	0.24	LLap	0.25	-0.04	
3	LLap	0.35	2.44	0.14	LLap	0.74	4.01	0.18	LLap	0.21	-0.08	
4	RLap	-0.37	2.44	0.15	RLap	1.06	3.94	0.27	RLap	0.26	-0.03	
5	RLap	-0.66	2.44	0.27	RLap	1.77	3.96	0.45	RLap	0.45	-0.12	
6	LLap	0.71	2.44	0.29	LLap	1.71	4.00	0.43	LLap	0.46	-0.22	

UNBRACED LENGTH:

Bay Id	Major (ft)	Minor(ft)					Mom1/Mom2					Cb				
		LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup
1	16.0	12.3	1.0	1.0	2.7	1.0	1.00	1.00	1.00	0.00	0.68	1.14	1.00	1.00	1.76	1.15
2	17.0	1.0	3.5	1.0	2.9	1.0	0.72	0.00	1.00	0.00	0.68	1.13	1.81	1.00	1.79	1.15
3	17.0	1.0	2.6	1.0	2.5	1.0	0.67	0.00	1.00	0.00	0.66	1.16	1.77	1.00	1.77	1.16
4	17.0	1.0	2.8	1.0	3.8	1.0	0.68	0.00	1.00	0.00	0.73	1.15	1.80	1.00	1.83	1.12
5	17.0	1.0	2.0	1.0	3.6	1.0	0.60	-0.03	1.00	-0.04	0.72	1.20	1.79	1.00	1.87	1.13
6	16.0	1.0	3.0	1.0	1.0	12.0	0.70	-0.03	1.00	1.00	1.00	1.14	1.81	1.00	1.00	1.13

LOAD ID 15 : Dead+Collateral+Snow/2+PAT\_SL\_1

REACTIONS:

Bay Id	Shear(k )				Moment(f-k )					
	Left Sup	Left Lap	Right Lap	Right Sup	Left Sup	Left Lap	Mid-Span Mom	Mid-Span Loc	Right Lap	Right Sup
1	0.51		-0.68	-0.76	0.00		-1.66	6.46	1.23	1.95
2	0.45	0.41	-0.28	-0.33	1.95	1.52	-0.27	9.83	0.60	0.91
3	0.37	0.33	-0.36	-0.41	0.91	0.56	-0.60	8.09	0.84	1.23
4	0.40	0.35	-0.34	-0.38	1.23	0.85	-0.52	8.71	0.71	1.07
5	0.37	0.33	-0.36	-0.41	1.07	0.72	-0.45	8.12	0.98	1.36
6	0.45	0.41		-0.28	1.36	0.93	-0.87	9.85		0.00

STRENGTH/DEFLECTION:

Bay Id	Loc	Shear(k )			Moment(f-k )				Mom+Shear		Deflect(in)	
		Calc	Limit	UC	Loc	Calc	Limit	UC	Loc	UC	Calc	Limit
1	RLap	-0.68	2.44	0.28	MidS	-1.66	3.63	0.46	RLap	0.38	-0.28	
2	LLap	0.41	2.44	0.17	LLap	1.52	3.88	0.39	LLap	0.35	0.01	
3	RLap	-0.36	2.44	0.15	RLap	0.84	4.00	0.21	RLap	0.23	-0.09	
4	LLap	0.35	2.44	0.15	LLap	0.85	3.99	0.21	LLap	0.23	-0.07	
5	RLap	-0.36	2.44	0.15	RLap	0.98	3.96	0.25	RLap	0.25	-0.05	
6	LLap	0.41	2.44	0.17	MidS	-0.87	3.63	0.24	LLap	0.25	-0.13	

UNBRACED LENGTH:

Bay Id	Major (ft)	Minor(ft)					Mom1/Mom2					Cb				
		LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup
1	16.0	12.9	1.0	1.0	2.1	1.0	1.00	1.00	1.00	-0.02	0.63	1.14	1.00	1.00	1.77	1.18
2	17.0	1.0	5.4	1.0	2.7	1.0	0.78	0.00	1.00	0.00	0.66	1.10	1.90	1.00	1.81	1.16
3	17.0	1.0	2.0	1.0	2.8	1.0	0.62	0.00	1.00	0.00	0.69	1.19	1.75	1.00	1.78	1.15
4	17.0	1.0	3.0	1.0	2.6	1.0	0.69	0.00	1.00	0.00	0.66	1.14	1.79	1.00	1.77	1.16
5	17.0	1.0	2.7	1.0	3.5	1.0	0.67	0.00	1.00	0.00	0.72	1.16	1.78	1.00	1.81	1.13
6	16.0	1.0	2.7	1.0	1.0	12.3	0.68	0.00	1.00	1.00	1.00	1.15	1.76	1.00	1.00	1.14

LOAD ID 16 : Dead+Collateral+Snow/2+PAT\_SL\_2

REACTIONS:

Bay	Shear(k )				Moment(f-k )					
	Left	Left	Right	Right	Left	Left	Mid-Span	Mid-Span	Right	Right

Id	Sup	Lap	Lap	Sup	Sup	Lap	Mom	Loc	Lap	Sup
1	0.28		-0.41	-0.45	0.00		-0.87	6.15	0.93	1.36
2	0.41	0.36	-0.33	-0.37	1.36	0.98	-0.45	8.88	0.72	1.07
3	0.38	0.34	-0.35	-0.40	1.07	0.71	-0.52	8.29	0.85	1.23
4	0.41	0.36	-0.33	-0.37	1.23	0.84	-0.60	8.91	0.56	0.91
5	0.33	0.28	-0.41	-0.45	0.91	0.60	-0.27	7.17	1.52	1.95
6	0.76	0.68		-0.51	1.95	1.23	-1.66	9.54		0.00

STRENGTH/DEFLECTION:

Bay	-----Shear(k )-----				-----Moment(f-k )-----				Mom+Shear		Deflect(in)	
Id	Loc	Calc	Limit	UC	Loc	Calc	Limit	UC	Loc	UC	Calc	Limit
1	RLap	-0.41	2.44	0.17	MidS	-0.87	3.63	0.24	RLap	0.25	-0.13	
2	LLap	0.36	2.44	0.15	LLap	0.98	3.96	0.25	LLap	0.25	-0.05	
3	RLap	-0.35	2.44	0.15	RLap	0.85	3.99	0.21	RLap	0.23	-0.07	
4	LLap	0.36	2.44	0.15	LLap	0.84	4.00	0.21	LLap	0.23	-0.09	
5	RLap	-0.41	2.44	0.17	RLap	1.52	3.88	0.39	RLap	0.35	0.01	
6	LLap	0.68	2.44	0.28	MidS	-1.66	3.63	0.46	LLap	0.38	-0.28	

UNBRACED LENGTH:

Bay	Major	-----Minor(ft)-----					-----Mom1/Mom2-----					-----Cb-----				
Id	(ft)	LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup
1	16.0	12.3	1.0	1.0	2.7	1.0	1.00	1.00	1.00	0.00	0.68	1.14	1.00	1.00	1.76	1.15
2	17.0	1.0	3.5	1.0	2.7	1.0	0.72	0.00	1.00	0.00	0.67	1.13	1.81	1.00	1.78	1.16
3	17.0	1.0	2.6	1.0	3.0	1.0	0.66	0.00	1.00	0.00	0.69	1.16	1.77	1.00	1.79	1.14
4	17.0	1.0	2.8	1.0	2.0	1.0	0.69	0.00	1.00	0.00	0.62	1.15	1.78	1.00	1.75	1.19
5	17.0	1.0	2.7	1.0	5.4	1.0	0.66	0.00	1.00	0.00	0.78	1.16	1.81	1.00	1.90	1.10
6	16.0	1.0	2.1	1.0	1.0	12.9	0.63	-0.02	1.00	1.00	1.00	1.18	1.77	1.00	1.00	1.14

LOAD ID 17 : Dead+Collateral+Snow-PAT\_SL\_1

REACTIONS:

Bay	-----Shear(k )-----				-----Moment(f-k )-----					
Id	Left Sup	Left Lap	Right Lap	Right Sup	Left Sup	Left Lap	Mid-Span Mom	Right Lap	Right Sup	
1	0.26		-0.43	-0.48	0.00		-0.72	5.61	1.30	1.75
2	0.66	0.58	-0.61	-0.69	1.75	1.14	-0.98	8.29	1.38	2.03
3	0.68	0.60	-0.59	-0.67	2.03	1.40	-0.86	8.53	1.36	1.99
4	0.68	0.60	-0.59	-0.67	1.99	1.35	-0.94	8.58	1.25	1.88
5	0.65	0.57	-0.62	-0.70	1.88	1.27	-0.76	8.15	1.68	2.35
6	0.78	0.70		-0.49	2.35	1.60	-1.50	9.85		0.00

STRENGTH/DEFLECTION:

Bay	-----Shear(k )-----				-----Moment(f-k )-----				Mom+Shear		Deflect(in)	
Id	Loc	Calc	Limit	UC	Loc	Calc	Limit	UC	Loc	UC	Calc	Limit
1	RLap	-0.43	2.44	0.18	RLap	1.30	3.94	0.33	RLap	0.32	-0.09	
2	RLap	-0.61	2.44	0.25	RLap	1.38	4.01	0.34	RLap	0.38	-0.14	
3	LLap	0.60	2.44	0.25	LLap	1.40	4.00	0.35	LLap	0.38	-0.11	
4	LLap	0.60	2.44	0.25	LLap	1.35	4.01	0.34	LLap	0.37	-0.13	
5	RLap	-0.62	2.44	0.26	RLap	1.68	3.96	0.43	RLap	0.43	-0.08	
6	LLap	0.70	2.44	0.29	MidS	-1.50	3.63	0.41	LLap	0.44	-0.23	

UNBRACED LENGTH:

Bay	Major	-----Minor(ft)-----					-----Mom1/Mom2-----					-----Cb-----				
Id	(ft)	LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup
1	16.0	11.0	1.0	1.0	4.0	1.0	1.00	1.00	1.00	-0.04	0.74	1.13	1.00	1.00	1.86	1.12
2	17.0	1.0	2.3	1.0	2.7	1.0	0.65	0.00	1.00	0.00	0.68	1.17	1.76	1.00	1.78	1.15
3	17.0	1.0	2.9	1.0	2.8	1.0	0.69	0.00	1.00	0.00	0.68	1.15	1.79	1.00	1.78	1.15
4	17.0	1.0	2.7	1.0	2.6	1.0	0.68	0.00	1.00	0.00	0.67	1.15	1.78	1.00	1.77	1.16

5	17.0	1.0	2.8	1.0	3.5	1.0	0.68	0.00	1.00	0.00	0.72	1.15	1.79	1.00	1.81	1.13
6	16.0	1.0	2.7	1.0	1.0	12.3	0.68	0.00	1.00	1.00	1.00	1.15	1.76	1.00	1.00	1.14

LOAD ID 18 : Dead+Collateral+Snow-PAT\_SL\_2

REACTIONS:

Bay Id	Shear(k )				Moment (f-k )					
	Left Sup	Left Lap	Right Lap	Right Sup	Left Sup	Left Lap	Mid-Span Mom	Mid-Span Loc	Right Lap	Right Sup
1	0.49		-0.70	-0.78	0.00		-1.50	6.15	1.60	2.35
2	0.70	0.62	-0.57	-0.65	2.35	1.68	-0.76	8.85	1.27	1.88
3	0.67	0.59	-0.60	-0.68	1.88	1.25	-0.94	8.42	1.35	1.99
4	0.67	0.59	-0.60	-0.68	1.99	1.36	-0.86	8.47	1.40	2.03
5	0.69	0.61	-0.58	-0.66	2.03	1.38	-0.98	8.71	1.14	1.75
6	0.48	0.43		-0.26	1.75	1.30	-0.72	10.39		0.00

STRENGTH/DEFLECTION:

Bay Id	Loc	Shear(k )			UC	Moment (f-k )				Mom+Shear		Deflect (in)	
		Calc	Limit	UC		Loc	Calc	Limit	UC	Loc	UC	Calc	Limit
1	RLap	-0.70	2.44	0.29	MidS	-1.50	3.63	0.41	RLap	0.44	-0.23		
2	LLap	0.62	2.44	0.26	LLap	1.68	3.96	0.43	LLap	0.43	-0.08		
3	RLap	-0.60	2.44	0.25	RLap	1.35	4.01	0.34	RLap	0.37	-0.13		
4	RLap	-0.60	2.44	0.25	RLap	1.40	4.00	0.35	RLap	0.38	-0.11		
5	LLap	0.61	2.44	0.25	LLap	1.38	4.01	0.34	LLap	0.38	-0.14		
6	LLap	0.43	2.44	0.18	LLap	1.30	3.94	0.33	LLap	0.32	-0.09		

UNBRACED LENGTH:

Bay Id	Major (ft)	Minor (ft)					Mom1/Mom2					Cb				
		LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup	LSup	LLap	MidS	RLap	RSup
1	16.0	12.3	1.0	1.0	2.7	1.0	1.00	1.00	1.00	0.00	0.68	1.14	1.00	1.00	1.76	1.15
2	17.0	1.0	3.5	1.0	2.8	1.0	0.72	0.00	1.00	0.00	0.68	1.13	1.81	1.00	1.79	1.15
3	17.0	1.0	2.6	1.0	2.7	1.0	0.67	0.00	1.00	0.00	0.68	1.16	1.77	1.00	1.78	1.15
4	17.0	1.0	2.8	1.0	2.9	1.0	0.68	0.00	1.00	0.00	0.69	1.15	1.78	1.00	1.79	1.15
5	17.0	1.0	2.7	1.0	2.3	1.0	0.68	0.00	1.00	0.00	0.65	1.15	1.78	1.00	1.76	1.17
6	16.0	1.0	4.0	1.0	1.0	11.0	0.74	-0.04	1.00	1.00	1.00	1.12	1.86	1.00	1.00	1.13

DEFLECTION:

LOAD ID 19 : Dead+Collateral+Live

Bay Id	DEFLECTION (in)		
	Calc	Limit	Ratio
1	-0.33	1.07	0.31
2	-0.11	1.13	0.10
3	-0.18	1.13	0.16
4	-0.18	1.13	0.16
5	-0.11	1.13	0.10
6	-0.33	1.07	0.31

LOAD ID 20 : Dead+Collateral+Snow

Bay Id	DEFLECTION (in)		
	Calc	Limit	Ratio
1	-0.23	1.07	0.22
2	-0.08	1.13	0.07
3	-0.12	1.13	0.11
4	-0.12	1.13	0.11
5	-0.08	1.13	0.07

6        -0.23  1.07    0.22

LOAD ID  21 : Dead+Collateral+Snow+Snow\_Drift

-----  
Bay        DEFLECTION(in)  
  Id            Calc Limit    Ratio  
-----  
  1        -0.23  1.07    0.22  
  2        -0.08  1.13    0.07  
  3        -0.12  1.13    0.11  
  4        -0.12  1.13    0.11  
  5        -0.08  1.13    0.07  
  6        -0.23  1.07    0.22

LOAD ID  22 : Dead+Collateral+0.75Live+0.41Wind\_Pressure

-----  
Bay        DEFLECTION(in)  
  Id            Calc Limit    Ratio  
-----  
  1        -0.35  1.28    0.27  
  2        -0.12  1.36    0.09  
  3        -0.19  1.36    0.14  
  4        -0.19  1.36    0.14  
  5        -0.12  1.36    0.09  
  6        -0.35  1.28    0.27

LOAD ID  23 : Dead+Collateral+0.75Snow+0.41Wind\_Pressure

-----  
Bay        DEFLECTION(in)  
  Id            Calc Limit    Ratio  
-----  
  1        -0.28  1.28    0.22  
  2        -0.10  1.36    0.07  
  3        -0.15  1.36    0.11  
  4        -0.15  1.36    0.11  
  5        -0.10  1.36    0.07  
  6        -0.28  1.28    0.22

LOAD ID  24 : Dead+Collateral+0.75Snow+0.41Wind\_Pressure+0.75Snow\_Drift

-----  
Bay        DEFLECTION(in)  
  Id            Calc Limit    Ratio  
-----  
  1        -0.28  1.28    0.22  
  2        -0.10  1.36    0.07  
  3        -0.15  1.36    0.11  
  4        -0.15  1.36    0.11  
  5        -0.10  1.36    0.07  
  6        -0.28  1.28    0.22

LOAD ID  25 : 0.6Dead+0.54Wind\_Suction

-----  
Bay        DEFLECTION(in)  
  Id            Calc Limit    Ratio  
-----  
  1         0.25  1.28    0.19  
  2         0.04  1.36    0.03  
  3         0.10  1.36    0.08  
  4         0.10  1.36    0.08  
  5         0.04  1.36    0.03  
  6         0.25  1.28    0.19

LOAD ID  26 : Dead+Collateral+MIN\_SNOW

-----  
Bay        DEFLECTION(in)

Id	Calc	Limit	Ratio
1	-0.27	1.07	0.25
2	-0.09	1.13	0.08
3	-0.14	1.13	0.13
4	-0.14	1.13	0.13
5	-0.09	1.13	0.08
6	-0.27	1.07	0.25

LOAD ID 27 : Dead+Collateral+0.41Wind\_Pressure+0.75MIN\_SNOW

-----

Bay	DEFLECTION(in)		
Id	Calc	Limit	Ratio
1	-0.31	1.28	0.24
2	-0.11	1.36	0.08
3	-0.16	1.36	0.12
4	-0.16	1.36	0.12
5	-0.11	1.36	0.08
6	-0.31	1.28	0.24

LOAD ID 28 : Dead+Collateral+Snow/2+PAT\_SL\_3

-----

Bay	DEFLECTION(in)		
Id	Calc	Limit	Ratio
1	-0.22	1.07	0.21
2	-0.12	1.13	0.11
3	-0.03	1.13	0.03
4	-0.08	1.13	0.07
5	-0.04	1.13	0.04
6	-0.14	1.07	0.13

LOAD ID 29 : Dead+Collateral+Snow/2+PAT\_SL\_4

-----

Bay	DEFLECTION(in)		
Id	Calc	Limit	Ratio
1	-0.09	1.07	0.08
2	-0.13	1.13	0.11
3	-0.15	1.13	0.13
4	-0.03	1.13	0.03
5	-0.06	1.13	0.05
6	-0.13	1.07	0.12

LOAD ID 30 : Dead+Collateral+Snow/2+PAT\_SL\_5

-----

Bay	DEFLECTION(in)		
Id	Calc	Limit	Ratio
1	-0.15	1.07	0.14
2	-0.01	1.13	0.01
3	-0.15	1.13	0.13
4	-0.15	1.13	0.13
5	-0.01	1.13	0.01
6	-0.15	1.07	0.14

LOAD ID 31 : Dead+Collateral+Snow/2+PAT\_SL\_6

-----

Bay	DEFLECTION(in)		
Id	Calc	Limit	Ratio
1	-0.13	1.07	0.12
2	-0.06	1.13	0.05
3	-0.03	1.13	0.03

4	-0.15	1.13	0.13
5	-0.13	1.13	0.11
6	-0.09	1.07	0.08

LOAD ID 32 : Dead+Collateral+Snow/2+PAT\_SL\_7

---

Bay Id	DEFLECTION(in)		Ratio
	Calc	Limit	
1	-0.14	1.07	0.13
2	-0.04	1.13	0.04
3	-0.08	1.13	0.07
4	-0.03	1.13	0.03
5	-0.12	1.13	0.11
6	-0.22	1.07	0.21

LOAD ID 33 : Dead+Collateral+Snow/2+PAT\_SL\_1

---

Bay Id	DEFLECTION(in)		Ratio
	Calc	Limit	
1	-0.28	1.07	0.26
2	0.01	1.13	0.01
3	-0.09	1.13	0.08
4	-0.07	1.13	0.06
5	-0.05	1.13	0.04
6	-0.13	1.07	0.13

LOAD ID 34 : Dead+Collateral+Snow/2+PAT\_SL\_2

---

Bay Id	DEFLECTION(in)		Ratio
	Calc	Limit	
1	-0.13	1.07	0.13
2	-0.05	1.13	0.04
3	-0.07	1.13	0.06
4	-0.09	1.13	0.08
5	0.01	1.13	0.01
6	-0.28	1.07	0.26

LOAD ID 35 : Dead+Collateral+Snow-PAT\_SL\_1

---

Bay Id	DEFLECTION(in)		Ratio
	Calc	Limit	
1	-0.09	1.07	0.08
2	-0.14	1.13	0.12
3	-0.11	1.13	0.09
4	-0.13	1.13	0.11
5	-0.08	1.13	0.07
6	-0.23	1.07	0.22

LOAD ID 36 : Dead+Collateral+Snow-PAT\_SL\_2

---

Bay Id	DEFLECTION(in)		Ratio
	Calc	Limit	
1	-0.23	1.07	0.22
2	-0.08	1.13	0.07
3	-0.13	1.13	0.11
4	-0.11	1.13	0.09
5	-0.14	1.13	0.12
6	-0.09	1.07	0.08

LAP SCREW SHEAR:

Screw Part =#1A

Screw Quan =6

Surf Id	Bay Id	-----Left_Lap(k )-----				-----Right_Lap(k )-----			
		Load	Calc	Limit	UC	Load	Calc	Limit	UC
2	1					4	0.30	0.68	0.45
	2	4	0.30	0.68	0.45	4	0.24	0.68	0.35
	3	4	0.24	0.68	0.35	4	0.26	0.68	0.39
	4	4	0.26	0.68	0.39	4	0.24	0.68	0.35
	5	4	0.24	0.68	0.35	4	0.30	0.68	0.45
	6	4	0.30	0.68	0.45				



## PANEL LAYOUT:

Surf Id	Part	Type	Gage	Yield	Surface Length	Rotation Stiffness
2	PBR26	PR	26.00	60.0	50.04	0.00

## PANEL STRENGTH:

Surf Id	Area	Load Id	-----Support-----				-----Midspan-----			
			Offset (ft)	Calc	Limit	Ratio	Offset (ft)	Calc	Limit	Ratio
2	Left	1	5.0	58.1	153.1	0.38	2.0	-42.8	111.4	0.38
		2	5.0	40.7	153.1	0.27	2.0	-29.9	111.4	0.27
		3	5.0	40.7	153.1	0.27	2.0	-29.9	111.4	0.27
		4	5.0	64.0	153.1	0.42	2.0	-47.1	111.4	0.42
		5	5.0	50.9	153.1	0.33	2.0	-37.4	111.4	0.34
		6	5.0	-100	111.4	0.90	2.0	72.0	153.1	0.47
		7	5.0	47.6	153.1	0.31	2.0	-35.0	111.4	0.31
		8	5.0	56.0	153.1	0.37	2.0	-41.2	111.4	0.37
2	Center	1	5.0	58.1	153.1	0.38	2.0	-42.8	111.4	0.38
		2	5.0	40.7	153.1	0.27	2.0	-29.9	111.4	0.27
		3	5.0	40.7	153.1	0.27	2.0	-29.9	111.4	0.27
		4	5.0	64.0	153.1	0.42	2.0	-47.1	111.4	0.42
		5	5.0	50.9	153.1	0.33	2.0	-37.4	111.4	0.34
		6	5.0	-72.7	111.4	0.65	2.0	52.3	153.1	0.34
		7	5.0	47.6	153.1	0.31	2.0	-35.0	111.4	0.31
		8	5.0	56.0	153.1	0.37	2.0	-41.2	111.4	0.37
2	Right	1	5.0	58.1	153.1	0.38	2.0	-42.8	111.4	0.38
		2	5.0	40.7	153.1	0.27	2.0	-29.9	111.4	0.27
		3	5.0	40.7	153.1	0.27	2.0	-29.9	111.4	0.27
		4	5.0	64.0	153.1	0.42	2.0	-47.1	111.4	0.42
		5	5.0	50.9	153.1	0.33	2.0	-37.4	111.4	0.34
		6	5.0	-100	111.4	0.90	2.0	72.0	153.1	0.47
		7	5.0	47.6	153.1	0.31	2.0	-35.0	111.4	0.31
		8	5.0	56.0	153.1	0.37	2.0	-41.2	111.4	0.37

## PANEL DEFLECTION:

Surf Id	Area	Load Id	-----Deflection (in)-----			
			Offset	Calc	Limit	Ratio
2	Left	9	2.5	-0.16	1.00	0.16
		10	2.5	-0.11	1.00	0.11
		11	2.5	-0.11	1.00	0.11
		12	2.5	-0.07	1.00	0.07
		13	2.5	0.27	1.00	0.27
		14	2.5	-0.13	1.00	0.13
		2	Center	9	2.5	-0.16
10	2.5			-0.11	1.00	0.11
11	2.5			-0.11	1.00	0.11
12	2.5			-0.07	1.00	0.07
13	2.5			0.20	1.00	0.20
14	2.5			-0.13	1.00	0.13
2	Right			9	2.5	-0.16
		10	2.5	-0.11	1.00	0.11
		11	2.5	-0.11	1.00	0.11
		12	2.5	-0.07	1.00	0.07
		13	2.5	0.27	1.00	0.27

## LOAD COMBINATION:

Load

Id	Description
----	-----
1	Dead+Live
2	Dead+Snow
3	Dead+Snow+Snow_Drift
4	Dead+0.75Live+0.45Wind_Pressure
5	Dead+0.75Snow+0.45Wind_Pressure
6	0.6Dead+0.6Wind_Suction
7	Dead+MIN_SNOW
8	Dead+0.45Wind_Pressure+0.75MIN_SNOW
9	Live
10	Snow
11	Snow+Snow_Drift
12	0.54Wind_Pressure
13	0.54Wind_Suction
14	MIN_SNOW

PANEL:

Part	Thick (in)	Yield (ksi )	Tensile Strength (ksi )
PBR26	0.019	60.00	78.00

PURLIN SCREWS:

Part	Dia (in)	Washer (in)	Limit (k )
#17A	0.209	0.50	2.90

PANEL ZONE LAYOUT:

Surf Id	Zone Id	Description	---Locate (ft)---		--Surface (ft)--		Bay Id	-Purlin(ft,in)-		Panel Zone (ft)	
			Start	End	Offset1	Offset2		Id	Width		Thick
2	1	Interior	17.76	82.24	17.76	32.28	2	6	5.00	0.059	5.00
2	2	Middle	8.88	91.12	8.88	41.16	1	6	5.00	0.059	5.00
2	7	Lt top corner	0.00	8.88	0.00	2.96	1	1	5.00	0.059	5.00
2	8	Rt top corner	91.12	100.00	0.00	2.96	6	1	5.00	0.059	5.00
2	9	Rt bot corner	91.12	100.00	47.08	50.04	6	9	5.00	0.059	5.00
2	10	Lt bot corner	0.00	8.88	47.08	50.04	1	9	5.00	0.059	5.00
2	11	Lt top cor gabl	0.00	2.96	2.96	8.88	1	1	5.00	0.059	5.00
2	12	Rt top cor gabl	97.04	100.00	2.96	8.88	6	1	5.00	0.059	5.00
2	13	Rt bot cor gabl	97.04	100.00	41.16	47.08	6	9	5.00	0.059	5.00
2	14	Lt bot cor gabl	0.00	2.96	41.16	47.08	1	9	5.00	0.059	5.00
2	15	Exterior	0.00	100.00	0.00	50.04	1	6	5.00	0.059	5.00

PURLIN SCREW CHECK:

Surf Id	Zone Id	Screw Space	Wind Suction (psf )	Load (k )	-----Limit(k )-----			Max UC
					Purlin Pullout	Panel Pullover	Screw Tension	
2	1	0.95	12.30	0.06	0.22	0.37	0.77	0.27
2	2	0.95	21.40	0.10	0.22	0.37	0.77	0.47
2	7	0.95	38.50	0.18	0.22	0.37	0.77	0.84
2	8	0.95	38.50	0.18	0.22	0.37	0.77	0.84
2	9	0.95	38.50	0.18	0.22	0.37	0.77	0.84
2	10	0.95	38.50	0.18	0.22	0.37	0.77	0.84
2	11	0.95	38.50	0.18	0.22	0.37	0.77	0.84
2	12	0.95	38.50	0.18	0.22	0.37	0.77	0.84
2	13	0.95	38.50	0.18	0.22	0.37	0.77	0.84
2	14	0.95	38.50	0.18	0.22	0.37	0.77	0.84
2	15	0.95	28.29	0.13	0.22	0.37	0.77	0.62

.. No Warnings

```

*( 1)VERSION/UNITS:
*VERSION  Units(I/M)
'2.01'    'I'

```

```

*( 2)JOB IDENTIFICATION:
* Job Id
'6 and 7

```

```

*( 3)DESIGN CODE:
*Design Steel_Code      ---Build---  Code      Seismic
* Code      Cold      Country  Code  Year  Label      Zone
'WS'      'NAUS16'    '----'  'IBC ' '18'  'IBC 18 ' 'B '

```

```

*( 4)DESIGN CONSTANTS:
* ---Steel_Yield---  Stress  Strength_Factors
* C_Sec Z_Sec O_Sec  Ratio      Wind  Seismic
 55.0  55.0  55.0  1.03      1.0000  1.0000

```

```

*( 5)DEFLECTION LIMITS:
* -----Rafter-----      Girt  Panel  Part
* Live  Wind Total  Column  Wall  Wall  Wall
180.  180.    0.  180.  90.  60.  90.

```

```

*( 6)REPORTS:
* Input  Column  Wall  Door  Wall  Cable
* Echo  Rafter  Girt  Jamb  Panel  Brace
' I '    ' Y '    ' Y '    ' Y '    ' Y '    ' Y '

```

```

*( 7)BUILDING SHAPE:
* Build      Build      L_Eave  R_Eave  Peak      L_Roof  No.
* Width      Length      Height  Height  Offset     Slope   Wall
50.0000  100.0000  14.7917  16.8750  0.0000    0.500   6

```

```

*( 8)WALL OPTIONS:
*Wall Design Detail  -----Notch-----      Base_Type      Base_Trim
* Id  Option Option  Depth  Width  Ext  Parapet  Panel  Jamb  Panel  Jamb
 1  'NYYY' 'YYYY'  1.500  3.500  3.500  0.0000  'O ' 'O ' 'Y ' 'Y '
 2  'NYYY' 'YYYY'  1.500 11.250  1.500  0.0000  'O ' 'O ' 'Y ' 'Y '
 3  'NYYY' 'YYYY'  1.500  3.500  3.500  0.0000  'O ' 'O ' 'Y ' 'Y '
 4  'NYYY' 'YYYY'  1.500  3.500  3.500  0.0000  'O ' 'O ' 'Y ' 'Y '

```

```

*( 9)INTERIOR WALL OPTIONS:
*Wall Design Detail  ----Notch---  Base_Type      Base_Trim
* Id  Option Option  Depth  Width  Panel  Jamb  Panel  Jamb
 6  'NYYY' 'YYYY'  0.000  0.000  '-'  '-'  'N ' 'N '

```

```

*(10)STEP ELEVATION:
*No.      Start      End      Base      Eave      Step      -Slope_Offset-
*Step      Start      End      Elev      Height     Type      Start      End
 1      0.0000  100.0000  0.0000  0.0000  '-'      0.0000  0.0000

```

```

*(11)HALL SYSTEM:
* No. Hall
-----Notch-----  -----Wall_Id
*Hall  Id  Type  Orn  Opt  Width  Height  Locate  Offset  Length  Depth  Width  L  R  S
E
 0

```

```

*(12)WALL PARTITIONS:
*Sets_Of  Wall      Wall      Column

```

* Walls	Id	(L/T)	Offset	Length	Quan	Location	Side
1	6	'T'	0.0000	50.0000	5	16.0000	'L'
						33.0000	'L'
						50.0000	'L'
						67.0000	'L'
						84.0000	'L'

\* (13) SPECIAL WALLS:

* No.	--Location--	-----Offset-----	Material	---Extend---	Base	Frame				
*Wall	Use	Id	Start	End	Type	Thick	Type	Offset	Opt	Opt
0										

\* (14) RECESS:

* No.	-Location-	Wall_Id										
*Recess	Use	Id	Type	Orn	Offset	Width	Depth	Height	Option	L	C	R
0												

\* (15) BAY SPACING:

*Wall	Sets_Of	Bay	No.
* Id	Bays	Width	Bays
1	1	5.0000	10
2	3	16.0000	1
		17.0000	4
		16.0000	1
3	1	5.0000	10
4	3	5.3333	3
		5.6667	12
		5.3333	3
5	3	16.0000	1
		17.0000	4
		16.0000	1
6	1	5.0000	10

\* (16) BAY OPENINGS:

*No.	Wall	Bay	Bay	Bay	Open	Open	Sill	Access	Jamb_Type	Head				
Set	Id	Id	Offset	Type	Depth	Width	Height	Height	Opt	Id	Lt	Rt	Type	D
6	2	1	2.0000	2	50.0000	12.0000	14.0000	0.0000	'-'	'DOOR62	'C'	'C'	'C'	6
.000														
.000														
.000														
.000														
.000														
.000														
.000														
.000														
.000														

\* (17) DOORS:

*No.	-Location-	Door	Door	Access				
*Door	Use	Id	Locate	Width	Height	Rot	Opt	Id
0								

\* (18) OPEN WALLS:

*No.	-Location-	--Bay_Id--	Wall	----Type---	Base	Full				
*Wall	Use	Id	Start	End	Height	Use	Id	Opt	Type	Load
0										

\* (19) COLUMNS:

*Wall	No.	Col	Col	Col	Col	Set
* Id	Col	Id	Type	Rot	Opt	Depth

1	11	1	'-'	'R'	'-'	6.000
		2	'C'	'F'	'-'	6.000
		3	'C'	'F'	'-'	6.000
		4	'C'	'F'	'-'	6.000
		5	'C'	'F'	'-'	6.000
		6	'C'	'F'	'-'	6.000
		7	'C'	'F'	'-'	6.000
		8	'C'	'F'	'-'	6.000
		9	'C'	'F'	'-'	6.000
		10	'C'	'F'	'-'	6.000
2	7	11	'-'	'R'	'-'	6.000
		12	'C'	'R'	'-'	6.000
		13	'C'	'L'	'-'	6.000
		14	'C'	'L'	'-'	6.000
		15	'C'	'L'	'-'	6.000
		16	'C'	'L'	'-'	6.000
		17	'C'	'L'	'-'	6.000
		18	'C'	'L'	'-'	6.000
3	11	19	'-'	'L'	'-'	6.000
		20	'C'	'F'	'-'	6.000
		21	'C'	'F'	'-'	6.000
		22	'C'	'F'	'-'	6.000
		23	'C'	'F'	'-'	6.000
		24	'C'	'F'	'-'	6.000
		25	'C'	'F'	'-'	6.000
		26	'C'	'F'	'-'	6.000
		27	'C'	'F'	'-'	6.000
		28	'C'	'F'	'-'	6.000
4	19	29	'-'	'L'	'-'	6.000
		30	'C'	'L'	'-'	6.000
		31	'C'	'L'	'-'	6.000
		32	'C'	'L'	'-'	6.000
		33	'C'	'L'	'-'	6.000
		34	'C'	'L'	'-'	6.000
		35	'C'	'L'	'-'	6.000
		36	'C'	'L'	'-'	6.000
		37	'C'	'L'	'-'	6.000
		38	'C'	'L'	'-'	6.000
		39	'C'	'L'	'-'	6.000
		40	'C'	'L'	'-'	6.000
		41	'C'	'L'	'-'	6.000
		42	'C'	'L'	'-'	6.000
		43	'C'	'L'	'-'	6.000
		44	'C'	'L'	'-'	6.000
		45	'C'	'L'	'-'	6.000
		46	'C'	'L'	'-'	6.000
		47	'C'	'L'	'-'	6.000
		48	'C'	'R'	'-'	6.000

\* (20) INTERIOR COLUMNS:

*Wall	No.	Col	Col	Col	Col	Set
* Id	Col	Id	Type	Rot	Opt	Depth
6	11	49	'-'	'L'	'-'	6.000
		50	'C'	'F'	'-'	6.000
		51	'C'	'F'	'-'	6.000
		52	'C'	'F'	'-'	6.000
		53	'C'	'F'	'-'	6.000
		54	'C'	'F'	'-'	6.000
		55	'C'	'F'	'-'	6.000
		56	'C'	'F'	'-'	6.000
		57	'C'	'F'	'-'	6.000
		58	'C'	'F'	'-'	6.000
		59	'-'	'L'	'-'	6.000

\* (21) ADDITIONAL COLUMNS:

*No.	Col	Location	Col	Col	Col	Col	Col	Set	
*Col	Id	Use	Id	Locate	Offset	Type	Rot	Opt	Depth
0									

\* (22) RAFTERS:

*Wall	No.	Raf	Raf	Raf	Raf	Raf	Set
* Id	Raf	Id	Offset	Type	Rot	Opt	Depth
1	0						
2	6	1	0.0000	'O'	'-'	'-'	6.125
		2	16.0000	'O'	'-'	'-'	6.125
		3	33.0000	'O'	'-'	'-'	6.125
		4	50.0000	'O'	'-'	'-'	6.125
		5	67.0000	'O'	'-'	'-'	6.125
		6	84.0000	'O'	'-'	'-'	6.125
3	0						
4	6	7	0.0000	'O'	'-'	'-'	6.125
		8	16.0000	'O'	'-'	'-'	6.125
		9	33.0000	'O'	'-'	'-'	6.125
		10	50.0000	'O'	'-'	'-'	6.125
		11	67.0000	'O'	'-'	'-'	6.125
		12	84.0000	'O'	'-'	'-'	6.125

\* (23) INTERIOR RAFTERS:

*Wall	No.	Raf	Raf	Raf	Raf	Raf	Set
* Id	Raf	Id	Offset	Type	Rot	Opt	Depth
6	0						

\* (24) ADDITIONAL RAFTERS:

*No.	Raf	Location	Raf	-----Offset-----	Raf	Raf	Raf	Set		
*Raf	Id	Use	Id	Locate	Start	End	Type	Rot	Opt	Depth
0										

\* (25) GIRT LAYOUT:

*No.	Wall	Top	Girt	Flange	Set	Max	Max_Unbr	
*Wall	Id	Type	Type	Opt	Strap	Depth	Space	Length
4	1	'CF'	'--'	'-'	'N'	6.000	10.0000	10.0000
	2	'CF'	'--'	'-'	'N'	6.000	10.0000	10.0000
	3	'CF'	'--'	'-'	'N'	6.000	10.0000	10.0000
	4	'CF'	'--'	'-'	'N'	6.000	10.0000	10.0000

\* (26) GIRT LOCATION:

* No.	Wall	Set	No.	Girt
*Wall	Id	Loc	Girt	Location
4	1	'Y'	4	3.6667 7.3333 11.0000 14.6667
	2	'Y'	3	3.6667 7.3333 11.0000
	3	'Y'	4	3.6667 7.3333 11.0000 14.6667
	4	'Y'	3	3.6667 7.3333 11.0000

\* (27) ROOF PURLINS:

* Purlin	Peak	No.	---Purlin---
* Type	Space	Purlin	Location Rot
'ZB'	0.0000	9	5.0000 'N'
			10.0000 'N'
			15.0000 'N'
			20.0000 'N'
			25.0000 'N'
			30.0000 'N'
			35.0000 'N'
			40.0000 'N'
			45.0000 'N'

\* (28) EXTERIOR WALL PANEL:

*Wall	-----Wall_Panel-----

```

* Id Part Rot Opt Screw Color
  1 'CUSPANL ' '-' '---' 'S--' 'A1 '
  2 'CUSPANL ' '-' '---' 'S--' 'A1 '
  3 'CUSPANL ' '-' '---' 'S--' 'A1 '
  4 'CUSPANL ' '-' '---' 'S--' 'A1 '

```

\* (29) INTERIOR WALL PANEL:

```

*Wall -----Wall_Panel-----
* Id Part Rot Opt Screw Color
  6 'PBR29 ' 'R' '---' 'S--' 'GL '

```

\* (30) ROOF PANEL:

```

* Panel Panel Screw -----Standing_Seam-----
* Size Opt Type Use Type Clip Seam Type Clamp
'PBR26 ' '---' 'S--' 'N' '3U' 3.000 '-----' 'N'

```

\* (31) ADDITIONAL PANELS:

```

* No. -Location- -----Offset----- Panel Screw Base
*Panel Use Id Start End Part Rot Opt Type Color Opt
  0

```

\* (32) EXTERIOR WIND FRAMING:

```

*Wall Panel Brace Wall No.
* Id Shear Type Opt Dead Bay
  1 'Y' 'N' '-' 2.00 0
  2 'Y' 'N' '-' 2.00 0
  3 'Y' 'N' '-' 2.00 0
  4 'Y' 'N' '-' 2.00 0
  5 'Y' 'N' '-' 2.50 0

```

\* (33) INTERIOR WIND FRAMING:

```

* Panel Brace Wall No.
* Shear Type Opt Dead Bay
  'Y' 'N' '-' 2.00 0
  'Y' 'N' '-' 2.00 0

```

\* (34) BASIC LOADS:

```

* ---Deflection--- Wind Seis
* Dead Collat Live Snow Rain Basic Load_Ratio Load Load
* Load Load Load Load Load Wind Snow Wind Seis Factor Factor
  2.0 0.5 20.0 13.4 0.0 19.0 1.00 0.54 1.00 0.60 1.00

```

\* (35) EDGE ZONE:

```

* Zone Brace
* Width Girt Panel Col/ Zone
  5.000 1.07 1.00 1.07 5.000

```

\* (36) WIND PRESSURE/SUCTION:

```

* Wind Wind
* Press Suct
  16.6 -18.3 .. Ext Column
  16.6 -18.3 .. Girt/Header
  16.6 -18.3 .. Jamb
  20.5 -27.3 .. Ext Panel
  43.7 -28.0 .. Parapet Girt

  10.0 -10.0 .. Int Column
  10.0 -10.0 .. Int Panel

  8.4 -6.1 .. Bracing
  12.8 -9.1 .. Bracing, Edge
  28.5 -19.0 .. Bracing, Parapet

```

\* (37) WIND COEFFICIENTS:









.70	37	1.03	1.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0
	0	0.00															
.53	38	1.02	1.02	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
	0	0.00															
.53	39	1.02	1.02	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0
	0	0.00															
.53	40	1.02	1.02	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
	0	0.00															
.53	41	1.02	1.02	0.00	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0
	0	0.00															
.53	42	1.02	1.02	0.00	0.75	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
	0	0.00															
.53	43	1.02	1.02	0.00	0.75	0.75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0
	0	0.00															
.70	44	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
	0	0.00															
.70	45	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0
	0	0.00															
.00	46	1.00	1.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0
	1	1.00															
.00	47	1.00	1.00	0.00	0.01	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.00	0.45	0
	1	0.75															
.00	48	1.00	1.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.45	0.00	0.00	0.00	0.00	0.45	0
	1	0.75															

\*(40) AUXILIARY LOADS:

* No.	Aux	Aux	No.	Add	Add
Aux	Id	Name	Comb	Id	Coef
1	1	'MIN_SNOW'	1	1	1.00

\*(41) ADDITIONAL LOADS:

*No.	Add	Surf	Basic	Load	Load	F	D	---Surface---			
*Add	Id	Id	Load	Type	Orn	W1	W2	D1	D2	Start	End
1	1	2	'U_SNOW'	'D'	'T'	-16.00	-16.00	0.0000	50.0434	0.000	100.000

\*(42) TRIM STYLES:

* No.	--Location--	Jamb	
Trim	Type	Id	Trim
14	'EXT'	1	'--'
	'EXT'	2	'--'
	'EXT'	3	'--'
	'EXT'	4	'--'
	'INT'	0	'--'
	'HALL'	0	'--'
	'RECE'	0	'--'
	'XTND'	0	'--'
	'STEP'	0	'--'
	'JAMB'	0	'--'
	'PARA'	0	'--'
	'FIRE'	0	'--'
	'CLIM'	0	'--'
	'LINE'	0	'--'

\*(43) PANEL SCREWS:

* No.	Zone	Zone	Part	Dia	Limit	Washer	-----Spacing-----		
						Dia			
2	'INT'	'#29	'	0.209	2.900	0.500	12.000	6.000	0.000
	'EDGE'	'#29	'	0.209	2.900	0.500	12.000	6.000	0.000

\*AUXILIARY LOAD DESCRIPTIONS:

\* Aux

\* Id Description  
\* 1 Minimum snow load  
\*

\*ADDITIONAL LOAD DESCRIPTIONS:

\* Add  
\* Id Description  
\* 1 Minimum snow load surface 2

\* Code file used was EW\_IBC.18N Version 4.0

STRUCTURAL CODE:  
 Design Basis : WS  
 Cold Formed Steel : NAUS16

BUILDING CODE:  
 Wind Code : IBC 18  
 Seismic Zone : B

MODULUS OF ELASTICITY  
 Cold Formed Steel : 29500 (ksi )

ROOF LAYOUT:

System		Roof Extents		Roof	Panel
Id	Type	Start	End	Length	Part
1	Long	0.0	100.0	100.0	PBR26

PANEL SHEAR:

System		---Offset---		-Shear(k )-		Panel_Shear (lb/ft)		
Id	Type	Start	End	Wind	Seis	Wind	Seis	Limit
1	Long	0.0	5.0	3.55	1.69	35.5	16.9	100.0
		5.0	10.0	3.14	1.53	31.4	15.3	100.0
		10.0	15.0	2.81	1.37	28.1	13.7	100.0
		15.0	20.0	2.48	1.21	24.8	12.1	100.0
		20.0	25.0	2.14	1.04	21.4	10.4	100.0
		25.0	30.0	1.79	0.88	17.9	8.8	100.0
		30.0	35.0	1.44	0.72	14.4	7.2	100.0
		35.0	40.0	1.09	0.56	10.9	5.6	100.0
		40.0	45.0	0.73	0.40	7.3	4.0	100.0
		45.0	50.0	0.28	0.23	2.8	2.3	100.0

## PANEL SHEAR:

Wall	Offset	Wall_Extents		Base Length	Panel Part	-Force(k)-		Panel_Shear(lb/ft)		
		Start	End			Wind	Seis	Wind	Seis	Limit
B_SW	0.0	0.0	100.0	100.0	CUSPANL	3.80	1.90	38.0	19.0	50.0
F_SW	50.0	0.0	100.0	Open						
L_EW	0.0	0.0	50.0	50.0	CUSPANL	0.80	0.18	16.1	3.7	50.0
Tran	16.0	0.0	50.0	50.0	PBR29	1.66	0.30	33.1	6.1	100.0
Tran	33.0	0.0	50.0	50.0	PBR29	1.71	0.31	34.1	6.2	100.0
Tran	50.0	0.0	50.0	50.0	PBR29	1.71	0.31	34.1	6.2	100.0
Tran	67.0	0.0	50.0	50.0	PBR29	1.71	0.31	34.1	6.2	100.0
Tran	84.0	0.0	50.0	50.0	PBR29	1.66	0.30	33.1	6.1	100.0
R_EW	100.0	0.0	50.0	50.0	CUSPANL	0.80	0.18	16.1	3.7	50.0

## WALL LAYOUT:

Wall Id	Orn	Load Width
1	T	8.00

## MEMBER LAYOUT:

Id	Locate (ft)	Part	---Web (in)--- Depth	---Flange (in)--- Thick	Width	Thick	Length (ft)	Weight (lb)	Id	Max Load UC	Report
Col2	5.0	6X2C16	6.00	16ga	2.00	16ga	15.0	32.9	15	0.61	Mom+Axl
Col3	10.0	6X2C16	6.00	16ga	2.00	16ga	15.3	33.4	15	0.60	Mom+Axl
Col4	15.0	6X2C16	6.00	16ga	2.00	16ga	15.5	33.9	15	0.62	Mom+Axl
Col5	20.0	6X2C16	6.00	16ga	2.00	16ga	15.7	34.3	10	0.64	Deflect
Col6	25.0	6X2C16	6.00	16ga	2.00	16ga	15.9	34.8	10	0.67	Deflect
Col7	30.0	6X2C16	6.00	16ga	2.00	16ga	16.1	35.2	10	0.70	Deflect
Col8	35.0	6X2C16	6.00	16ga	2.00	16ga	16.3	35.7	10	0.72	Deflect
Col9	40.0	6X2C16	6.00	16ga	2.00	16ga	16.5	36.1	10	0.75	Deflect
Col10	45.0	6X2C16	6.00	16ga	2.00	16ga	16.7	36.6	10	0.81	Deflect
Total=								312.9			

## DESIGN ACTIONS/STRENGTH:

Id	Load Id	-Axial (k) -		-Shear (k) -		Moment (f-k)		-----Unity Check-----			
		Calc	Limit	Calc	Limit	Calc	Limit	Axial	Shear	Moment	Shear+
Col2	1	0.94	8.38	0.00	3.32	0.00	2.65	0.11	0.00	0.11	0.00
Col2	2	0.14	8.38	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col2	3	0.68	8.38	0.00	3.32	0.00	2.65	0.08	0.00	0.08	0.00
Col2	4	0.68	8.38	0.00	3.32	0.00	2.65	0.08	0.00	0.08	0.00
Col2	5	0.74	8.38	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col2	6	0.54	8.38	0.00	3.32	0.00	2.65	0.06	0.00	0.06	0.00
Col2	7	0.54	8.38	0.00	3.32	0.00	2.65	0.06	0.00	0.06	0.00
Col2	8	-0.43	21.18	0.37	3.32	-1.41	2.65	0.02	0.11	0.51	0.00
Col2	9	-0.19	21.18	0.37	3.32	-1.41	2.65	0.01	0.11	0.52	0.00
Col2	10	-0.43	21.18	-0.43	3.32	1.61	2.65	0.02	0.13	0.59	0.00
Col2	11	-0.19	21.18	-0.43	3.32	1.61	2.65	0.01	0.13	0.60	0.00
Col2	12	-0.43	21.18	-0.43	3.32	1.61	2.65	0.02	0.13	0.59	0.00
Col2	13	-0.19	21.18	-0.43	3.32	1.61	2.65	0.01	0.13	0.60	0.00
Col2	14	-0.26	21.18	-0.43	3.32	1.61	2.65	0.01	0.13	0.59	0.00
Col2	15	-0.03	21.18	-0.43	3.32	1.61	2.65	0.00	0.13	0.61	0.00
Col2	16	0.45	8.38	-0.32	3.32	1.21	2.65	0.05	0.10	0.51	0.00
Col2	17	0.63	8.38	-0.32	3.32	1.21	2.65	0.08	0.10	0.53	0.00
Col2	18	0.33	8.38	-0.32	3.32	1.21	2.65	0.04	0.10	0.49	0.00
Col2	19	0.51	8.38	-0.32	3.32	1.21	2.65	0.06	0.10	0.52	0.00
Col2	20	0.26	8.38	-0.32	3.32	1.21	2.65	0.03	0.10	0.49	0.00
Col2	21	0.43	8.38	-0.32	3.32	1.21	2.65	0.05	0.10	0.51	0.00
Col2	22	0.13	8.38	-0.32	3.32	1.21	2.65	0.02	0.10	0.47	0.00
Col2	23	0.31	8.38	-0.32	3.32	1.21	2.65	0.04	0.10	0.49	0.00
Col2	24	0.26	8.38	-0.32	3.32	1.21	2.65	0.03	0.10	0.49	0.00
Col2	25	0.43	8.38	-0.32	3.32	1.21	2.65	0.05	0.10	0.51	0.00
Col2	26	0.13	8.38	-0.32	3.32	1.21	2.65	0.02	0.10	0.47	0.00
Col2	27	0.31	8.38	-0.32	3.32	1.21	2.65	0.04	0.10	0.49	0.00
Col2	28	-0.46	21.18	0.37	3.32	-1.41	2.65	0.02	0.11	0.51	0.00
Col2	29	-0.23	21.18	0.37	3.32	-1.41	2.65	0.01	0.11	0.52	0.00
Col2	30	-0.46	21.18	-0.43	3.32	1.61	2.65	0.02	0.13	0.59	0.00
Col2	31	-0.23	21.18	-0.43	3.32	1.61	2.65	0.01	0.13	0.60	0.00
Col2	32	-0.46	21.18	-0.43	3.32	1.61	2.65	0.02	0.13	0.59	0.00



Col2	33	-0.23	21.18	-0.43	3.32	1.61	2.65	0.01	0.13	0.60	0.00
Col2	34	-0.29	21.18	-0.43	3.32	1.61	2.65	0.01	0.13	0.59	0.00
Col2	35	-0.06	21.18	-0.43	3.32	1.61	2.65	0.00	0.13	0.60	0.00
Col2	36	0.15	8.38	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col2	37	0.15	8.38	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col2	38	0.74	8.38	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col2	39	0.74	8.38	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col2	40	0.55	8.38	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col2	41	0.55	8.38	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col2	42	0.55	8.38	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col2	43	0.55	8.38	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col2	44	0.09	8.38	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col2	45	0.09	8.38	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col2	46	0.78	8.38	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col2	47	0.33	8.38	-0.32	3.32	1.21	2.65	0.04	0.10	0.50	0.00
Col2	48	0.51	8.38	-0.32	3.32	1.21	2.65	0.06	0.10	0.52	0.00
Col2	49	0.14	8.38	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col2	50	0.14	8.38	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col2	51	0.09	8.38	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col2	52	0.09	8.38	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col3	1	0.94	8.29	0.00	3.32	0.00	2.65	0.11	0.00	0.11	0.00
Col3	2	0.14	8.29	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col3	3	0.68	8.29	0.00	3.32	0.00	2.65	0.08	0.00	0.08	0.00
Col3	4	0.68	8.29	0.00	3.32	0.00	2.65	0.08	0.00	0.08	0.00
Col3	5	0.74	8.29	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col3	6	0.54	8.29	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col3	7	0.54	8.29	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col3	8	-0.43	21.18	0.38	3.32	-1.45	2.65	0.02	0.11	0.53	0.00
Col3	9	-0.19	21.18	0.38	3.32	-1.45	2.65	0.01	0.11	0.54	0.00
Col3	10	-0.43	21.18	-0.42	3.32	1.60	2.65	0.02	0.13	0.58	0.00
Col3	11	-0.19	21.18	-0.42	3.32	1.60	2.65	0.01	0.13	0.59	0.00
Col3	12	-0.43	21.18	-0.42	3.32	1.60	2.65	0.02	0.13	0.58	0.00
Col3	13	-0.19	21.18	-0.42	3.32	1.60	2.65	0.01	0.13	0.59	0.00
Col3	14	-0.26	21.18	-0.42	3.32	1.60	2.65	0.01	0.13	0.59	0.00
Col3	15	-0.03	21.18	-0.42	3.32	1.60	2.65	0.00	0.13	0.60	0.00
Col3	16	0.45	8.29	-0.31	3.32	1.20	2.65	0.05	0.09	0.51	0.00
Col3	17	0.63	8.29	-0.31	3.32	1.20	2.65	0.08	0.09	0.53	0.00
Col3	18	0.33	8.29	-0.31	3.32	1.20	2.65	0.04	0.09	0.49	0.00
Col3	19	0.51	8.29	-0.31	3.32	1.20	2.65	0.06	0.09	0.51	0.00
Col3	20	0.26	8.29	-0.31	3.32	1.20	2.65	0.03	0.09	0.48	0.00
Col3	21	0.43	8.29	-0.31	3.32	1.20	2.65	0.05	0.09	0.50	0.00
Col3	22	0.13	8.29	-0.31	3.32	1.20	2.65	0.02	0.09	0.47	0.00
Col3	23	0.31	8.29	-0.31	3.32	1.20	2.65	0.04	0.09	0.49	0.00
Col3	24	0.26	8.29	-0.31	3.32	1.20	2.65	0.03	0.09	0.48	0.00
Col3	25	0.43	8.29	-0.31	3.32	1.20	2.65	0.05	0.09	0.50	0.00
Col3	26	0.13	8.29	-0.31	3.32	1.20	2.65	0.02	0.09	0.47	0.00
Col3	27	0.31	8.29	-0.31	3.32	1.20	2.65	0.04	0.09	0.49	0.00
Col3	28	-0.46	21.18	0.38	3.32	-1.45	2.65	0.02	0.11	0.53	0.00
Col3	29	-0.22	21.18	0.38	3.32	-1.45	2.65	0.01	0.11	0.54	0.00
Col3	30	-0.46	21.18	-0.42	3.32	1.60	2.65	0.02	0.13	0.58	0.00
Col3	31	-0.22	21.18	-0.42	3.32	1.60	2.65	0.01	0.13	0.59	0.00
Col3	32	-0.46	21.18	-0.42	3.32	1.60	2.65	0.02	0.13	0.58	0.00
Col3	33	-0.22	21.18	-0.42	3.32	1.60	2.65	0.01	0.13	0.59	0.00
Col3	34	-0.29	21.18	-0.42	3.32	1.60	2.65	0.01	0.13	0.59	0.00
Col3	35	-0.06	21.18	-0.42	3.32	1.60	2.65	0.00	0.13	0.60	0.00
Col3	36	0.15	8.29	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col3	37	0.15	8.29	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col3	38	0.74	8.29	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col3	39	0.74	8.29	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col3	40	0.55	8.29	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col3	41	0.55	8.29	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col3	42	0.55	8.29	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col3	43	0.55	8.29	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col3	44	0.09	8.29	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col3	45	0.09	8.29	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00

Col3	46	0.78	8.29	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col3	47	0.34	8.29	-0.31	3.32	1.20	2.65	0.04	0.09	0.49	0.00
Col3	48	0.51	8.29	-0.31	3.32	1.20	2.65	0.06	0.09	0.51	0.00
Col3	49	0.14	8.29	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col3	50	0.14	8.29	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col3	51	0.09	8.29	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col3	52	0.09	8.29	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col4	1	0.94	8.20	0.00	3.32	0.00	2.65	0.11	0.00	0.11	0.00
Col4	2	0.14	8.20	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col4	3	0.68	8.20	0.00	3.32	0.00	2.65	0.08	0.00	0.08	0.00
Col4	4	0.68	8.20	0.00	3.32	0.00	2.65	0.08	0.00	0.08	0.00
Col4	5	0.74	8.20	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col4	6	0.55	8.20	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col4	7	0.55	8.20	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col4	8	-0.43	21.18	0.38	3.32	-1.49	2.65	0.02	0.12	0.54	0.00
Col4	9	-0.19	21.18	0.38	3.32	-1.49	2.65	0.01	0.12	0.55	0.00
Col4	10	-0.43	21.18	-0.42	3.32	1.64	2.65	0.02	0.13	0.60	0.00
Col4	11	-0.19	21.18	-0.42	3.32	1.64	2.65	0.01	0.13	0.61	0.00
Col4	12	-0.43	21.18	-0.42	3.32	1.64	2.65	0.02	0.13	0.60	0.00
Col4	13	-0.19	21.18	-0.42	3.32	1.64	2.65	0.01	0.13	0.61	0.00
Col4	14	-0.26	21.18	-0.42	3.32	1.64	2.65	0.01	0.13	0.61	0.00
Col4	15	-0.03	21.18	-0.42	3.32	1.64	2.65	0.00	0.13	0.62	0.00
Col4	16	0.46	8.20	-0.32	3.32	1.23	2.65	0.06	0.10	0.52	0.00
Col4	17	0.63	8.20	-0.32	3.32	1.23	2.65	0.08	0.10	0.54	0.00
Col4	18	0.33	8.20	-0.32	3.32	1.23	2.65	0.04	0.10	0.51	0.00
Col4	19	0.51	8.20	-0.32	3.32	1.23	2.65	0.06	0.10	0.53	0.00
Col4	20	0.26	8.20	-0.32	3.32	1.23	2.65	0.03	0.10	0.50	0.00
Col4	21	0.43	8.20	-0.32	3.32	1.23	2.65	0.05	0.10	0.52	0.00
Col4	22	0.13	8.20	-0.32	3.32	1.23	2.65	0.02	0.10	0.48	0.00
Col4	23	0.31	8.20	-0.32	3.32	1.23	2.65	0.04	0.10	0.50	0.00
Col4	24	0.26	8.20	-0.32	3.32	1.23	2.65	0.03	0.10	0.50	0.00
Col4	25	0.43	8.20	-0.32	3.32	1.23	2.65	0.05	0.10	0.52	0.00
Col4	26	0.13	8.20	-0.32	3.32	1.23	2.65	0.02	0.10	0.48	0.00
Col4	27	0.31	8.20	-0.32	3.32	1.23	2.65	0.04	0.10	0.50	0.00
Col4	28	-0.46	21.18	0.38	3.32	-1.49	2.65	0.02	0.12	0.54	0.00
Col4	29	-0.22	21.18	0.38	3.32	-1.49	2.65	0.01	0.12	0.55	0.00
Col4	30	-0.46	21.18	-0.42	3.32	1.64	2.65	0.02	0.13	0.60	0.00
Col4	31	-0.22	21.18	-0.42	3.32	1.64	2.65	0.01	0.13	0.61	0.00
Col4	32	-0.46	21.18	-0.42	3.32	1.64	2.65	0.02	0.13	0.60	0.00
Col4	33	-0.22	21.18	-0.42	3.32	1.64	2.65	0.01	0.13	0.61	0.00
Col4	34	-0.29	21.18	-0.42	3.32	1.64	2.65	0.01	0.13	0.61	0.00
Col4	35	-0.06	21.18	-0.42	3.32	1.64	2.65	0.00	0.13	0.62	0.00
Col4	36	0.15	8.20	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col4	37	0.15	8.20	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col4	38	0.75	8.20	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col4	39	0.75	8.20	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col4	40	0.55	8.20	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col4	41	0.55	8.20	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col4	42	0.55	8.20	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col4	43	0.55	8.20	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col4	44	0.09	8.20	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col4	45	0.09	8.20	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col4	46	0.78	8.20	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col4	47	0.34	8.20	-0.32	3.32	1.23	2.65	0.04	0.10	0.51	0.00
Col4	48	0.51	8.20	-0.32	3.32	1.23	2.65	0.06	0.10	0.53	0.00
Col4	49	0.14	8.20	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col4	50	0.14	8.20	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col4	51	0.09	8.20	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col4	52	0.09	8.20	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col5	1	0.94	8.12	0.00	3.32	0.00	2.65	0.12	0.00	0.12	0.00
Col5	2	0.14	8.12	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col5	3	0.68	8.12	0.00	3.32	0.00	2.65	0.08	0.00	0.08	0.00
Col5	4	0.68	8.12	0.00	3.32	0.00	2.65	0.08	0.00	0.08	0.00
Col5	5	0.74	8.12	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col5	6	0.55	8.12	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00

Col5	7	0.55	8.12	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col5	8	-0.42	21.18	0.39	3.32	-1.53	2.65	0.02	0.12	0.56	0.00
Col5	9	-0.19	21.18	0.39	3.32	-1.53	2.65	0.01	0.12	0.57	0.00
Col5	10	-0.42	21.18	-0.43	3.32	1.68	2.65	0.02	0.13	0.62	0.00
Col5	11	-0.19	21.18	-0.43	3.32	1.68	2.65	0.01	0.13	0.63	0.00
Col5	12	-0.42	21.18	-0.43	3.32	1.68	2.65	0.02	0.13	0.62	0.00
Col5	13	-0.19	21.18	-0.43	3.32	1.68	2.65	0.01	0.13	0.63	0.00
Col5	14	-0.26	21.18	-0.43	3.32	1.68	2.65	0.01	0.13	0.62	0.00
Col5	15	-0.03	21.18	-0.43	3.32	1.68	2.65	0.00	0.13	0.64	0.00
Col5	16	0.46	8.12	-0.32	3.32	1.26	2.65	0.06	0.10	0.53	0.00
Col5	17	0.63	8.12	-0.32	3.32	1.26	2.65	0.08	0.10	0.56	0.00
Col5	18	0.33	8.12	-0.32	3.32	1.26	2.65	0.04	0.10	0.52	0.00
Col5	19	0.51	8.12	-0.32	3.32	1.26	2.65	0.06	0.10	0.54	0.00
Col5	20	0.26	8.12	-0.32	3.32	1.26	2.65	0.03	0.10	0.51	0.00
Col5	21	0.43	8.12	-0.32	3.32	1.26	2.65	0.05	0.10	0.53	0.00
Col5	22	0.13	8.12	-0.32	3.32	1.26	2.65	0.02	0.10	0.49	0.00
Col5	23	0.31	8.12	-0.32	3.32	1.26	2.65	0.04	0.10	0.52	0.00
Col5	24	0.26	8.12	-0.32	3.32	1.26	2.65	0.03	0.10	0.51	0.00
Col5	25	0.43	8.12	-0.32	3.32	1.26	2.65	0.05	0.10	0.53	0.00
Col5	26	0.13	8.12	-0.32	3.32	1.26	2.65	0.02	0.10	0.49	0.00
Col5	27	0.31	8.12	-0.32	3.32	1.26	2.65	0.04	0.10	0.52	0.00
Col5	28	-0.46	21.18	0.39	3.32	-1.53	2.65	0.02	0.12	0.56	0.00
Col5	29	-0.22	21.18	0.39	3.32	-1.53	2.65	0.01	0.12	0.57	0.00
Col5	30	-0.46	21.18	-0.43	3.32	1.68	2.65	0.02	0.13	0.61	0.00
Col5	31	-0.22	21.18	-0.43	3.32	1.68	2.65	0.01	0.13	0.63	0.00
Col5	32	-0.46	21.18	-0.43	3.32	1.68	2.65	0.02	0.13	0.61	0.00
Col5	33	-0.22	21.18	-0.43	3.32	1.68	2.65	0.01	0.13	0.63	0.00
Col5	34	-0.29	21.18	-0.43	3.32	1.68	2.65	0.01	0.13	0.62	0.00
Col5	35	-0.06	21.18	-0.43	3.32	1.68	2.65	0.00	0.13	0.63	0.00
Col5	36	0.15	8.12	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col5	37	0.15	8.12	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col5	38	0.75	8.12	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col5	39	0.75	8.12	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col5	40	0.55	8.12	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col5	41	0.55	8.12	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col5	42	0.55	8.12	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col5	43	0.55	8.12	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col5	44	0.09	8.12	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col5	45	0.09	8.12	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col5	46	0.78	8.12	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col5	47	0.34	8.12	-0.32	3.32	1.26	2.65	0.04	0.10	0.52	0.00
Col5	48	0.51	8.12	-0.32	3.32	1.26	2.65	0.06	0.10	0.54	0.00
Col5	49	0.14	8.12	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col5	50	0.14	8.12	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col5	51	0.09	8.12	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col5	52	0.09	8.12	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col6	1	0.94	8.03	0.00	3.32	0.00	2.65	0.12	0.00	0.12	0.00
Col6	2	0.14	8.03	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col6	3	0.68	8.03	0.00	3.32	0.00	2.65	0.08	0.00	0.08	0.00
Col6	4	0.68	8.03	0.00	3.32	0.00	2.65	0.08	0.00	0.08	0.00
Col6	5	0.74	8.03	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col6	6	0.55	8.03	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col6	7	0.55	8.03	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col6	8	-0.42	21.18	0.40	3.32	-1.57	2.65	0.02	0.12	0.57	0.00
Col6	9	-0.19	21.18	0.40	3.32	-1.57	2.65	0.01	0.12	0.58	0.00
Col6	10	-0.42	21.18	-0.44	3.32	1.73	2.65	0.02	0.13	0.63	0.00
Col6	11	-0.19	21.18	-0.44	3.32	1.73	2.65	0.01	0.13	0.64	0.00
Col6	12	-0.42	21.18	-0.44	3.32	1.73	2.65	0.02	0.13	0.63	0.00
Col6	13	-0.19	21.18	-0.44	3.32	1.73	2.65	0.01	0.13	0.64	0.00
Col6	14	-0.26	21.18	-0.44	3.32	1.73	2.65	0.01	0.13	0.64	0.00
Col6	15	-0.03	21.18	-0.44	3.32	1.73	2.65	0.00	0.13	0.65	0.00
Col6	16	0.46	8.03	-0.33	3.32	1.30	2.65	0.06	0.10	0.55	0.00
Col6	17	0.63	8.03	-0.33	3.32	1.30	2.65	0.08	0.10	0.57	0.00
Col6	18	0.33	8.03	-0.33	3.32	1.30	2.65	0.04	0.10	0.53	0.00
Col6	19	0.51	8.03	-0.33	3.32	1.30	2.65	0.06	0.10	0.55	0.00

Col6	20	0.26	8.03	-0.33	3.32	1.30	2.65	0.03	0.10	0.52	0.00
Col6	21	0.43	8.03	-0.33	3.32	1.30	2.65	0.05	0.10	0.54	0.00
Col6	22	0.13	8.03	-0.33	3.32	1.30	2.65	0.02	0.10	0.51	0.00
Col6	23	0.31	8.03	-0.33	3.32	1.30	2.65	0.04	0.10	0.53	0.00
Col6	24	0.26	8.03	-0.33	3.32	1.30	2.65	0.03	0.10	0.52	0.00
Col6	25	0.43	8.03	-0.33	3.32	1.30	2.65	0.05	0.10	0.54	0.00
Col6	26	0.13	8.03	-0.33	3.32	1.30	2.65	0.02	0.10	0.51	0.00
Col6	27	0.31	8.03	-0.33	3.32	1.30	2.65	0.04	0.10	0.53	0.00
Col6	28	-0.46	21.18	0.40	3.32	-1.57	2.65	0.02	0.12	0.57	0.00
Col6	29	-0.22	21.18	0.40	3.32	-1.57	2.65	0.01	0.12	0.58	0.00
Col6	30	-0.46	21.18	-0.44	3.32	1.73	2.65	0.02	0.13	0.63	0.00
Col6	31	-0.22	21.18	-0.44	3.32	1.73	2.65	0.01	0.13	0.64	0.00
Col6	32	-0.46	21.18	-0.44	3.32	1.73	2.65	0.02	0.13	0.63	0.00
Col6	33	-0.22	21.18	-0.44	3.32	1.73	2.65	0.01	0.13	0.64	0.00
Col6	34	-0.29	21.18	-0.44	3.32	1.73	2.65	0.01	0.13	0.64	0.00
Col6	35	-0.06	21.18	-0.44	3.32	1.73	2.65	0.00	0.13	0.65	0.00
Col6	36	0.15	8.03	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col6	37	0.15	8.03	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col6	38	0.75	8.03	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col6	39	0.75	8.03	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col6	40	0.55	8.03	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col6	41	0.55	8.03	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col6	42	0.55	8.03	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col6	43	0.55	8.03	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col6	44	0.09	8.03	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col6	45	0.09	8.03	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col6	46	0.78	8.03	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col6	47	0.34	8.03	-0.33	3.32	1.30	2.65	0.04	0.10	0.53	0.00
Col6	48	0.51	8.03	-0.33	3.32	1.30	2.65	0.06	0.10	0.55	0.00
Col6	49	0.14	8.03	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col6	50	0.14	8.03	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col6	51	0.09	8.03	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col6	52	0.09	8.03	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col7	1	0.94	7.94	0.00	3.32	0.00	2.65	0.12	0.00	0.12	0.00
Col7	2	0.14	7.94	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col7	3	0.68	7.94	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col7	4	0.68	7.94	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col7	5	0.74	7.94	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col7	6	0.55	7.94	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col7	7	0.55	7.94	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col7	8	-0.42	21.18	0.40	3.32	-1.61	2.65	0.02	0.12	0.59	0.00
Col7	9	-0.19	21.18	0.40	3.32	-1.61	2.65	0.01	0.12	0.60	0.00
Col7	10	-0.42	21.18	-0.44	3.32	1.78	2.65	0.02	0.13	0.65	0.00
Col7	11	-0.19	21.18	-0.44	3.32	1.78	2.65	0.01	0.13	0.66	0.00
Col7	12	-0.42	21.18	-0.44	3.32	1.78	2.65	0.02	0.13	0.65	0.00
Col7	13	-0.19	21.18	-0.44	3.32	1.78	2.65	0.01	0.13	0.66	0.00
Col7	14	-0.26	21.18	-0.44	3.32	1.78	2.65	0.01	0.13	0.66	0.00
Col7	15	-0.03	21.18	-0.44	3.32	1.78	2.65	0.00	0.13	0.67	0.00
Col7	16	0.46	7.94	-0.33	3.32	1.33	2.65	0.06	0.10	0.56	0.00
Col7	17	0.63	7.94	-0.33	3.32	1.33	2.65	0.08	0.10	0.58	0.00
Col7	18	0.33	7.94	-0.33	3.32	1.33	2.65	0.04	0.10	0.55	0.00
Col7	19	0.51	7.94	-0.33	3.32	1.33	2.65	0.06	0.10	0.57	0.00
Col7	20	0.26	7.94	-0.33	3.32	1.33	2.65	0.03	0.10	0.54	0.00
Col7	21	0.43	7.94	-0.33	3.32	1.33	2.65	0.05	0.10	0.56	0.00
Col7	22	0.14	7.94	-0.33	3.32	1.33	2.65	0.02	0.10	0.52	0.00
Col7	23	0.31	7.94	-0.33	3.32	1.33	2.65	0.04	0.10	0.54	0.00
Col7	24	0.26	7.94	-0.33	3.32	1.33	2.65	0.03	0.10	0.54	0.00
Col7	25	0.43	7.94	-0.33	3.32	1.33	2.65	0.05	0.10	0.56	0.00
Col7	26	0.14	7.94	-0.33	3.32	1.33	2.65	0.02	0.10	0.52	0.00
Col7	27	0.31	7.94	-0.33	3.32	1.33	2.65	0.04	0.10	0.54	0.00
Col7	28	-0.46	21.18	0.40	3.32	-1.61	2.65	0.02	0.12	0.59	0.00
Col7	29	-0.22	21.18	0.40	3.32	-1.61	2.65	0.01	0.12	0.60	0.00
Col7	30	-0.46	21.18	-0.44	3.32	1.78	2.65	0.02	0.13	0.65	0.00
Col7	31	-0.22	21.18	-0.44	3.32	1.78	2.65	0.01	0.13	0.66	0.00
Col7	32	-0.46	21.18	-0.44	3.32	1.78	2.65	0.02	0.13	0.65	0.00

Col7	33	-0.22	21.18	-0.44	3.32	1.78	2.65	0.01	0.13	0.66	0.00
Col7	34	-0.29	21.18	-0.44	3.32	1.78	2.65	0.01	0.13	0.66	0.00
Col7	35	-0.06	21.18	-0.44	3.32	1.78	2.65	0.00	0.13	0.67	0.00
Col7	36	0.15	7.94	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col7	37	0.15	7.94	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col7	38	0.75	7.94	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col7	39	0.75	7.94	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col7	40	0.55	7.94	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col7	41	0.55	7.94	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col7	42	0.55	7.94	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col7	43	0.55	7.94	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col7	44	0.09	7.94	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col7	45	0.09	7.94	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col7	46	0.79	7.94	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col7	47	0.34	7.94	-0.33	3.32	1.33	2.65	0.04	0.10	0.55	0.00
Col7	48	0.51	7.94	-0.33	3.32	1.33	2.65	0.06	0.10	0.57	0.00
Col7	49	0.14	7.94	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col7	50	0.14	7.94	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col7	51	0.09	7.94	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col7	52	0.09	7.94	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col8	1	0.94	7.85	0.00	3.32	0.00	2.65	0.12	0.00	0.12	0.00
Col8	2	0.14	7.85	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col8	3	0.68	7.85	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col8	4	0.68	7.85	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col8	5	0.74	7.85	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col8	6	0.55	7.85	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col8	7	0.55	7.85	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col8	8	-0.42	21.18	0.41	3.32	-1.65	2.65	0.02	0.12	0.60	0.00
Col8	9	-0.19	21.18	0.41	3.32	-1.65	2.65	0.01	0.12	0.62	0.00
Col8	10	-0.42	21.18	-0.45	3.32	1.82	2.65	0.02	0.13	0.67	0.00
Col8	11	-0.19	21.18	-0.45	3.32	1.82	2.65	0.01	0.13	0.68	0.00
Col8	12	-0.42	21.18	-0.45	3.32	1.82	2.65	0.02	0.13	0.67	0.00
Col8	13	-0.19	21.18	-0.45	3.32	1.82	2.65	0.01	0.13	0.68	0.00
Col8	14	-0.26	21.18	-0.45	3.32	1.82	2.65	0.01	0.13	0.68	0.00
Col8	15	-0.03	21.18	-0.45	3.32	1.82	2.65	0.00	0.13	0.69	0.00
Col8	16	0.46	7.85	-0.34	3.32	1.37	2.65	0.06	0.10	0.57	0.00
Col8	17	0.63	7.85	-0.34	3.32	1.37	2.65	0.08	0.10	0.60	0.00
Col8	18	0.33	7.85	-0.34	3.32	1.37	2.65	0.04	0.10	0.56	0.00
Col8	19	0.51	7.85	-0.34	3.32	1.37	2.65	0.06	0.10	0.58	0.00
Col8	20	0.26	7.85	-0.34	3.32	1.37	2.65	0.03	0.10	0.55	0.00
Col8	21	0.43	7.85	-0.34	3.32	1.37	2.65	0.06	0.10	0.57	0.00
Col8	22	0.14	7.85	-0.34	3.32	1.37	2.65	0.02	0.10	0.53	0.00
Col8	23	0.31	7.85	-0.34	3.32	1.37	2.65	0.04	0.10	0.56	0.00
Col8	24	0.26	7.85	-0.34	3.32	1.37	2.65	0.03	0.10	0.55	0.00
Col8	25	0.43	7.85	-0.34	3.32	1.37	2.65	0.06	0.10	0.57	0.00
Col8	26	0.14	7.85	-0.34	3.32	1.37	2.65	0.02	0.10	0.53	0.00
Col8	27	0.31	7.85	-0.34	3.32	1.37	2.65	0.04	0.10	0.56	0.00
Col8	28	-0.46	21.18	0.41	3.32	-1.65	2.65	0.02	0.12	0.60	0.00
Col8	29	-0.22	21.18	0.41	3.32	-1.65	2.65	0.01	0.12	0.61	0.00
Col8	30	-0.46	21.18	-0.45	3.32	1.82	2.65	0.02	0.13	0.67	0.00
Col8	31	-0.22	21.18	-0.45	3.32	1.82	2.65	0.01	0.13	0.68	0.00
Col8	32	-0.46	21.18	-0.45	3.32	1.82	2.65	0.02	0.13	0.67	0.00
Col8	33	-0.22	21.18	-0.45	3.32	1.82	2.65	0.01	0.13	0.68	0.00
Col8	34	-0.29	21.18	-0.45	3.32	1.82	2.65	0.01	0.13	0.67	0.00
Col8	35	-0.06	21.18	-0.45	3.32	1.82	2.65	0.00	0.13	0.69	0.00
Col8	36	0.15	7.85	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col8	37	0.15	7.85	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col8	38	0.75	7.85	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col8	39	0.75	7.85	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col8	40	0.55	7.85	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col8	41	0.55	7.85	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col8	42	0.55	7.85	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col8	43	0.55	7.85	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col8	44	0.09	7.85	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col8	45	0.09	7.85	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00

Col8	46	0.79	7.85	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col8	47	0.34	7.85	-0.34	3.32	1.37	2.65	0.04	0.10	0.56	0.00
Col8	48	0.51	7.85	-0.34	3.32	1.37	2.65	0.07	0.10	0.58	0.00
Col8	49	0.15	7.85	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col8	50	0.14	7.85	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col8	51	0.09	7.85	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col8	52	0.09	7.85	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col19	1	0.95	7.76	0.00	3.32	0.00	2.65	0.12	0.00	0.12	0.00
Col19	2	0.15	7.76	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col19	3	0.68	7.76	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col19	4	0.68	7.76	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col19	5	0.75	7.76	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col19	6	0.55	7.76	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col19	7	0.55	7.76	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col19	8	-0.42	21.18	0.41	3.32	-1.69	2.65	0.02	0.12	0.62	0.00
Col19	9	-0.19	21.18	0.41	3.32	-1.69	2.65	0.01	0.12	0.63	0.00
Col19	10	-0.42	21.18	-0.45	3.32	1.87	2.65	0.02	0.14	0.69	0.00
Col19	11	-0.19	21.18	-0.45	3.32	1.87	2.65	0.01	0.14	0.70	0.00
Col19	12	-0.42	21.18	-0.45	3.32	1.87	2.65	0.02	0.14	0.69	0.00
Col19	13	-0.19	21.18	-0.45	3.32	1.87	2.65	0.01	0.14	0.70	0.00
Col19	14	-0.26	21.18	-0.45	3.32	1.87	2.65	0.01	0.14	0.69	0.00
Col19	15	-0.03	21.18	-0.45	3.32	1.87	2.65	0.00	0.14	0.70	0.00
Col19	16	0.46	7.76	-0.34	3.32	1.40	2.65	0.06	0.10	0.59	0.00
Col19	17	0.63	7.76	-0.34	3.32	1.40	2.65	0.08	0.10	0.61	0.00
Col19	18	0.33	7.76	-0.34	3.32	1.40	2.65	0.04	0.10	0.57	0.00
Col19	19	0.51	7.76	-0.34	3.32	1.40	2.65	0.07	0.10	0.60	0.00
Col19	20	0.26	7.76	-0.34	3.32	1.40	2.65	0.03	0.10	0.56	0.00
Col19	21	0.43	7.76	-0.34	3.32	1.40	2.65	0.06	0.10	0.59	0.00
Col19	22	0.14	7.76	-0.34	3.32	1.40	2.65	0.02	0.10	0.55	0.00
Col19	23	0.31	7.76	-0.34	3.32	1.40	2.65	0.04	0.10	0.57	0.00
Col19	24	0.26	7.76	-0.34	3.32	1.40	2.65	0.03	0.10	0.56	0.00
Col19	25	0.43	7.76	-0.34	3.32	1.40	2.65	0.06	0.10	0.59	0.00
Col19	26	0.14	7.76	-0.34	3.32	1.40	2.65	0.02	0.10	0.55	0.00
Col19	27	0.31	7.76	-0.34	3.32	1.40	2.65	0.04	0.10	0.57	0.00
Col19	28	-0.45	21.18	0.41	3.32	-1.69	2.65	0.02	0.12	0.62	0.00
Col19	29	-0.22	21.18	0.41	3.32	-1.69	2.65	0.01	0.12	0.63	0.00
Col19	30	-0.45	21.18	-0.45	3.32	1.87	2.65	0.02	0.14	0.68	0.00
Col19	31	-0.22	21.18	-0.45	3.32	1.87	2.65	0.01	0.14	0.70	0.00
Col19	32	-0.45	21.18	-0.45	3.32	1.87	2.65	0.02	0.14	0.68	0.00
Col19	33	-0.22	21.18	-0.45	3.32	1.87	2.65	0.01	0.14	0.70	0.00
Col19	34	-0.29	21.18	-0.45	3.32	1.87	2.65	0.01	0.14	0.69	0.00
Col19	35	-0.06	21.18	-0.45	3.32	1.87	2.65	0.00	0.14	0.70	0.00
Col19	36	0.15	7.76	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col19	37	0.15	7.76	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col19	38	0.75	7.76	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col19	39	0.75	7.76	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col19	40	0.55	7.76	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col19	41	0.55	7.76	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col19	42	0.55	7.76	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col19	43	0.55	7.76	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col19	44	0.09	7.76	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col19	45	0.09	7.76	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col19	46	0.79	7.76	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col19	47	0.34	7.76	-0.34	3.32	1.40	2.65	0.04	0.10	0.57	0.00
Col19	48	0.51	7.76	-0.34	3.32	1.40	2.65	0.07	0.10	0.60	0.00
Col19	49	0.15	7.76	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col19	50	0.15	7.76	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col19	51	0.09	7.76	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col19	52	0.09	7.76	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col110	1	0.95	7.67	0.00	3.32	0.00	2.65	0.12	0.00	0.12	0.00
Col110	2	0.15	7.67	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col110	3	0.68	7.67	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col110	4	0.68	7.67	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col110	5	0.75	7.67	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col110	6	0.55	7.67	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00



Col10	7	0.55	7.67	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col10	8	-0.42	21.18	0.42	3.32	-1.74	2.65	0.02	0.13	0.64	0.00
Col10	9	-0.19	21.18	0.42	3.32	-1.74	2.65	0.01	0.13	0.65	0.00
Col10	10	-0.42	21.18	-0.47	3.32	1.98	2.65	0.02	0.14	0.73	0.00
Col10	11	-0.19	21.18	-0.47	3.32	1.98	2.65	0.01	0.14	0.74	0.00
Col10	12	-0.42	21.18	-0.47	3.32	1.98	2.65	0.02	0.14	0.73	0.00
Col10	13	-0.19	21.18	-0.47	3.32	1.98	2.65	0.01	0.14	0.74	0.00
Col10	14	-0.26	21.18	-0.47	3.32	1.98	2.65	0.01	0.14	0.74	0.00
Col10	15	-0.02	21.18	-0.47	3.32	1.98	2.65	0.00	0.14	0.75	0.00
Col10	16	0.46	7.67	-0.36	3.32	1.49	2.65	0.06	0.11	0.62	0.00
Col10	17	0.63	7.67	-0.36	3.32	1.49	2.65	0.08	0.11	0.64	0.00
Col10	18	0.33	7.67	-0.36	3.32	1.49	2.65	0.04	0.11	0.61	0.00
Col10	19	0.51	7.67	-0.36	3.32	1.49	2.65	0.07	0.11	0.63	0.00
Col10	20	0.26	7.67	-0.36	3.32	1.49	2.65	0.03	0.11	0.60	0.00
Col10	21	0.43	7.67	-0.36	3.32	1.49	2.65	0.06	0.11	0.62	0.00
Col10	22	0.14	7.67	-0.36	3.32	1.49	2.65	0.02	0.11	0.58	0.00
Col10	23	0.31	7.67	-0.36	3.32	1.49	2.65	0.04	0.11	0.60	0.00
Col10	24	0.26	7.67	-0.36	3.32	1.49	2.65	0.03	0.11	0.60	0.00
Col10	25	0.43	7.67	-0.36	3.32	1.49	2.65	0.06	0.11	0.62	0.00
Col10	26	0.14	7.67	-0.36	3.32	1.49	2.65	0.02	0.11	0.58	0.00
Col10	27	0.31	7.67	-0.36	3.32	1.49	2.65	0.04	0.11	0.60	0.00
Col10	28	-0.45	21.18	0.42	3.32	-1.74	2.65	0.02	0.13	0.64	0.00
Col10	29	-0.22	21.18	0.42	3.32	-1.74	2.65	0.01	0.13	0.65	0.00
Col10	30	-0.45	21.18	-0.47	3.32	1.98	2.65	0.02	0.14	0.73	0.00
Col10	31	-0.22	21.18	-0.47	3.32	1.98	2.65	0.01	0.14	0.74	0.00
Col10	32	-0.45	21.18	-0.47	3.32	1.98	2.65	0.02	0.14	0.73	0.00
Col10	33	-0.22	21.18	-0.47	3.32	1.98	2.65	0.01	0.14	0.74	0.00
Col10	34	-0.29	21.18	-0.47	3.32	1.98	2.65	0.01	0.14	0.74	0.00
Col10	35	-0.06	21.18	-0.47	3.32	1.98	2.65	0.00	0.14	0.75	0.00
Col10	36	0.15	7.67	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col10	37	0.15	7.67	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col10	38	0.75	7.67	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col10	39	0.75	7.67	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col10	40	0.55	7.67	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col10	41	0.55	7.67	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col10	42	0.55	7.67	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col10	43	0.55	7.67	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col10	44	0.09	7.67	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col10	45	0.09	7.67	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col10	46	0.79	7.67	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col10	47	0.34	7.67	-0.36	3.32	1.49	2.65	0.04	0.11	0.61	0.00
Col10	48	0.51	7.67	-0.36	3.32	1.49	2.65	0.07	0.11	0.63	0.00
Col10	49	0.15	7.67	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col10	50	0.15	7.67	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col10	51	0.09	7.67	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col10	52	0.09	7.67	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00

COLUMN REACTIONS:

Id	Load		In_Plane Horz(k )	Out_Plane Horz(k )
	Id	Vert(k )		
Col2	1	0.94	0.00	0.00
Col2	2	0.14	0.00	0.00
Col2	3	0.68	0.00	0.00
Col2	4	0.68	0.00	0.00
Col2	5	0.74	0.00	0.00
Col2	6	0.54	0.00	0.00
Col2	7	0.54	0.00	0.00
Col2	8	-0.43	0.00	-0.37
Col2	9	-0.19	0.00	-0.37
Col2	10	-0.43	0.00	0.43
Col2	11	-0.19	0.00	0.43
Col2	12	-0.43	0.00	0.43
Col2	13	-0.19	0.00	0.43

Col2	14	-0.26	0.00	0.43
Col2	15	-0.03	0.00	0.43
Col2	16	0.45	0.00	0.32
Col2	17	0.63	0.00	0.32
Col2	18	0.33	0.00	0.32
Col2	19	0.51	0.00	0.32
Col2	20	0.26	0.00	0.32
Col2	21	0.43	0.00	0.32
Col2	22	0.13	0.00	0.32
Col2	23	0.31	0.00	0.32
Col2	24	0.26	0.00	0.32
Col2	25	0.43	0.00	0.32
Col2	26	0.13	0.00	0.32
Col2	27	0.31	0.00	0.32
Col2	28	-0.46	0.00	-0.37
Col2	29	-0.23	0.00	-0.37
Col2	30	-0.46	0.00	0.43
Col2	31	-0.23	0.00	0.43
Col2	32	-0.46	0.00	0.43
Col2	33	-0.23	0.00	0.43
Col2	34	-0.29	0.00	0.43
Col2	35	-0.06	0.00	0.43
Col2	36	0.15	0.00	0.00
Col2	37	0.15	0.00	0.00
Col2	38	0.74	0.00	0.00
Col2	39	0.74	0.00	0.00
Col2	40	0.55	0.00	0.00
Col2	41	0.55	0.00	0.00
Col2	42	0.55	0.00	0.00
Col2	43	0.55	0.00	0.00
Col2	44	0.09	0.00	0.00
Col2	45	0.09	0.00	0.00
Col2	46	0.78	0.00	0.00
Col2	47	0.33	0.00	0.32
Col2	48	0.51	0.00	0.32
Col2	49	0.14	0.00	0.00
Col2	50	0.14	0.00	0.00
Col2	51	0.09	0.00	0.00
Col2	52	0.09	0.00	0.00
Col3	1	0.94	0.00	0.00
Col3	2	0.14	0.00	0.00
Col3	3	0.68	0.00	0.00
Col3	4	0.68	0.00	0.00
Col3	5	0.74	0.00	0.00
Col3	6	0.54	0.00	0.00
Col3	7	0.54	0.00	0.00
Col3	8	-0.43	0.00	-0.38
Col3	9	-0.19	0.00	-0.38
Col3	10	-0.43	0.00	0.42
Col3	11	-0.19	0.00	0.42
Col3	12	-0.43	0.00	0.42
Col3	13	-0.19	0.00	0.42
Col3	14	-0.26	0.00	0.42
Col3	15	-0.03	0.00	0.42
Col3	16	0.45	0.00	0.31
Col3	17	0.63	0.00	0.31
Col3	18	0.33	0.00	0.31
Col3	19	0.51	0.00	0.31
Col3	20	0.26	0.00	0.31
Col3	21	0.43	0.00	0.31
Col3	22	0.13	0.00	0.31
Col3	23	0.31	0.00	0.31
Col3	24	0.26	0.00	0.31
Col3	25	0.43	0.00	0.31
Col3	26	0.13	0.00	0.31



Col3	27	0.31	0.00	0.31
Col3	28	-0.46	0.00	-0.38
Col3	29	-0.22	0.00	-0.38
Col3	30	-0.46	0.00	0.42
Col3	31	-0.22	0.00	0.42
Col3	32	-0.46	0.00	0.42
Col3	33	-0.22	0.00	0.42
Col3	34	-0.29	0.00	0.42
Col3	35	-0.06	0.00	0.42
Col3	36	0.15	0.00	0.00
Col3	37	0.15	0.00	0.00
Col3	38	0.74	0.00	0.00
Col3	39	0.74	0.00	0.00
Col3	40	0.55	0.00	0.00
Col3	41	0.55	0.00	0.00
Col3	42	0.55	0.00	0.00
Col3	43	0.55	0.00	0.00
Col3	44	0.09	0.00	0.00
Col3	45	0.09	0.00	0.00
Col3	46	0.78	0.00	0.00
Col3	47	0.34	0.00	0.31
Col3	48	0.51	0.00	0.31
Col3	49	0.14	0.00	0.00
Col3	50	0.14	0.00	0.00
Col3	51	0.09	0.00	0.00
Col3	52	0.09	0.00	0.00
Col4	1	0.94	0.00	0.00
Col4	2	0.14	0.00	0.00
Col4	3	0.68	0.00	0.00
Col4	4	0.68	0.00	0.00
Col4	5	0.74	0.00	0.00
Col4	6	0.55	0.00	0.00
Col4	7	0.55	0.00	0.00
Col4	8	-0.43	0.00	-0.38
Col4	9	-0.19	0.00	-0.38
Col4	10	-0.43	0.00	0.42
Col4	11	-0.19	0.00	0.42
Col4	12	-0.43	0.00	0.42
Col4	13	-0.19	0.00	0.42
Col4	14	-0.26	0.00	0.42
Col4	15	-0.03	0.00	0.42
Col4	16	0.46	0.00	0.32
Col4	17	0.63	0.00	0.32
Col4	18	0.33	0.00	0.32
Col4	19	0.51	0.00	0.32
Col4	20	0.26	0.00	0.32
Col4	21	0.43	0.00	0.32
Col4	22	0.13	0.00	0.32
Col4	23	0.31	0.00	0.32
Col4	24	0.26	0.00	0.32
Col4	25	0.43	0.00	0.32
Col4	26	0.13	0.00	0.32
Col4	27	0.31	0.00	0.32
Col4	28	-0.46	0.00	-0.38
Col4	29	-0.22	0.00	-0.38
Col4	30	-0.46	0.00	0.42
Col4	31	-0.22	0.00	0.42
Col4	32	-0.46	0.00	0.42
Col4	33	-0.22	0.00	0.42
Col4	34	-0.29	0.00	0.42
Col4	35	-0.06	0.00	0.42
Col4	36	0.15	0.00	0.00
Col4	37	0.15	0.00	0.00
Col4	38	0.75	0.00	0.00
Col4	39	0.75	0.00	0.00

Col4	40	0.55	0.00	0.00
Col4	41	0.55	0.00	0.00
Col4	42	0.55	0.00	0.00
Col4	43	0.55	0.00	0.00
Col4	44	0.09	0.00	0.00
Col4	45	0.09	0.00	0.00
Col4	46	0.78	0.00	0.00
Col4	47	0.34	0.00	0.32
Col4	48	0.51	0.00	0.32
Col4	49	0.14	0.00	0.00
Col4	50	0.14	0.00	0.00
Col4	51	0.09	0.00	0.00
Col4	52	0.09	0.00	0.00
Col5	1	0.94	0.00	0.00
Col5	2	0.14	0.00	0.00
Col5	3	0.68	0.00	0.00
Col5	4	0.68	0.00	0.00
Col5	5	0.74	0.00	0.00
Col5	6	0.55	0.00	0.00
Col5	7	0.55	0.00	0.00
Col5	8	-0.42	0.00	-0.39
Col5	9	-0.19	0.00	-0.39
Col5	10	-0.42	0.00	0.43
Col5	11	-0.19	0.00	0.43
Col5	12	-0.42	0.00	0.43
Col5	13	-0.19	0.00	0.43
Col5	14	-0.26	0.00	0.43
Col5	15	-0.03	0.00	0.43
Col5	16	0.46	0.00	0.32
Col5	17	0.63	0.00	0.32
Col5	18	0.33	0.00	0.32
Col5	19	0.51	0.00	0.32
Col5	20	0.26	0.00	0.32
Col5	21	0.43	0.00	0.32
Col5	22	0.13	0.00	0.32
Col5	23	0.31	0.00	0.32
Col5	24	0.26	0.00	0.32
Col5	25	0.43	0.00	0.32
Col5	26	0.13	0.00	0.32
Col5	27	0.31	0.00	0.32
Col5	28	-0.46	0.00	-0.39
Col5	29	-0.22	0.00	-0.39
Col5	30	-0.46	0.00	0.43
Col5	31	-0.22	0.00	0.43
Col5	32	-0.46	0.00	0.43
Col5	33	-0.22	0.00	0.43
Col5	34	-0.29	0.00	0.43
Col5	35	-0.06	0.00	0.43
Col5	36	0.15	0.00	0.00
Col5	37	0.15	0.00	0.00
Col5	38	0.75	0.00	0.00
Col5	39	0.75	0.00	0.00
Col5	40	0.55	0.00	0.00
Col5	41	0.55	0.00	0.00
Col5	42	0.55	0.00	0.00
Col5	43	0.55	0.00	0.00
Col5	44	0.09	0.00	0.00
Col5	45	0.09	0.00	0.00
Col5	46	0.78	0.00	0.00
Col5	47	0.34	0.00	0.32
Col5	48	0.51	0.00	0.32
Col5	49	0.14	0.00	0.00
Col5	50	0.14	0.00	0.00
Col5	51	0.09	0.00	0.00
Col5	52	0.09	0.00	0.00

Col6	1	0.94	0.00	0.00
Col6	2	0.14	0.00	0.00
Col6	3	0.68	0.00	0.00
Col6	4	0.68	0.00	0.00
Col6	5	0.74	0.00	0.00
Col6	6	0.55	0.00	0.00
Col6	7	0.55	0.00	0.00
Col6	8	-0.42	0.00	-0.40
Col6	9	-0.19	0.00	-0.40
Col6	10	-0.42	0.00	0.44
Col6	11	-0.19	0.00	0.44
Col6	12	-0.42	0.00	0.44
Col6	13	-0.19	0.00	0.44
Col6	14	-0.26	0.00	0.44
Col6	15	-0.03	0.00	0.44
Col6	16	0.46	0.00	0.33
Col6	17	0.63	0.00	0.33
Col6	18	0.33	0.00	0.33
Col6	19	0.51	0.00	0.33
Col6	20	0.26	0.00	0.33
Col6	21	0.43	0.00	0.33
Col6	22	0.13	0.00	0.33
Col6	23	0.31	0.00	0.33
Col6	24	0.26	0.00	0.33
Col6	25	0.43	0.00	0.33
Col6	26	0.13	0.00	0.33
Col6	27	0.31	0.00	0.33
Col6	28	-0.46	0.00	-0.40
Col6	29	-0.22	0.00	-0.40
Col6	30	-0.46	0.00	0.44
Col6	31	-0.22	0.00	0.44
Col6	32	-0.46	0.00	0.44
Col6	33	-0.22	0.00	0.44
Col6	34	-0.29	0.00	0.44
Col6	35	-0.06	0.00	0.44
Col6	36	0.15	0.00	0.00
Col6	37	0.15	0.00	0.00
Col6	38	0.75	0.00	0.00
Col6	39	0.75	0.00	0.00
Col6	40	0.55	0.00	0.00
Col6	41	0.55	0.00	0.00
Col6	42	0.55	0.00	0.00
Col6	43	0.55	0.00	0.00
Col6	44	0.09	0.00	0.00
Col6	45	0.09	0.00	0.00
Col6	46	0.78	0.00	0.00
Col6	47	0.34	0.00	0.33
Col6	48	0.51	0.00	0.33
Col6	49	0.14	0.00	0.00
Col6	50	0.14	0.00	0.00
Col6	51	0.09	0.00	0.00
Col6	52	0.09	0.00	0.00
Col7	1	0.94	0.00	0.00
Col7	2	0.14	0.00	0.00
Col7	3	0.68	0.00	0.00
Col7	4	0.68	0.00	0.00
Col7	5	0.74	0.00	0.00
Col7	6	0.55	0.00	0.00
Col7	7	0.55	0.00	0.00
Col7	8	-0.42	0.00	-0.40
Col7	9	-0.19	0.00	-0.40
Col7	10	-0.42	0.00	0.44
Col7	11	-0.19	0.00	0.44
Col7	12	-0.42	0.00	0.44
Col7	13	-0.19	0.00	0.44

Col7	14	-0.26	0.00	0.44
Col7	15	-0.03	0.00	0.44
Col7	16	0.46	0.00	0.33
Col7	17	0.63	0.00	0.33
Col7	18	0.33	0.00	0.33
Col7	19	0.51	0.00	0.33
Col7	20	0.26	0.00	0.33
Col7	21	0.43	0.00	0.33
Col7	22	0.14	0.00	0.33
Col7	23	0.31	0.00	0.33
Col7	24	0.26	0.00	0.33
Col7	25	0.43	0.00	0.33
Col7	26	0.14	0.00	0.33
Col7	27	0.31	0.00	0.33
Col7	28	-0.46	0.00	-0.40
Col7	29	-0.22	0.00	-0.40
Col7	30	-0.46	0.00	0.44
Col7	31	-0.22	0.00	0.44
Col7	32	-0.46	0.00	0.44
Col7	33	-0.22	0.00	0.44
Col7	34	-0.29	0.00	0.44
Col7	35	-0.06	0.00	0.44
Col7	36	0.15	0.00	0.00
Col7	37	0.15	0.00	0.00
Col7	38	0.75	0.00	0.00
Col7	39	0.75	0.00	0.00
Col7	40	0.55	0.00	0.00
Col7	41	0.55	0.00	0.00
Col7	42	0.55	0.00	0.00
Col7	43	0.55	0.00	0.00
Col7	44	0.09	0.00	0.00
Col7	45	0.09	0.00	0.00
Col7	46	0.79	0.00	0.00
Col7	47	0.34	0.00	0.33
Col7	48	0.51	0.00	0.33
Col7	49	0.14	0.00	0.00
Col7	50	0.14	0.00	0.00
Col7	51	0.09	0.00	0.00
Col7	52	0.09	0.00	0.00
Col8	1	0.94	0.00	0.00
Col8	2	0.14	0.00	0.00
Col8	3	0.68	0.00	0.00
Col8	4	0.68	0.00	0.00
Col8	5	0.74	0.00	0.00
Col8	6	0.55	0.00	0.00
Col8	7	0.55	0.00	0.00
Col8	8	-0.42	0.00	-0.41
Col8	9	-0.19	0.00	-0.41
Col8	10	-0.42	0.00	0.45
Col8	11	-0.19	0.00	0.45
Col8	12	-0.42	0.00	0.45
Col8	13	-0.19	0.00	0.45
Col8	14	-0.26	0.00	0.45
Col8	15	-0.03	0.00	0.45
Col8	16	0.46	0.00	0.34
Col8	17	0.63	0.00	0.34
Col8	18	0.33	0.00	0.34
Col8	19	0.51	0.00	0.34
Col8	20	0.26	0.00	0.34
Col8	21	0.43	0.00	0.34
Col8	22	0.14	0.00	0.34
Col8	23	0.31	0.00	0.34
Col8	24	0.26	0.00	0.34
Col8	25	0.43	0.00	0.34
Col8	26	0.14	0.00	0.34

Col8	27	0.31	0.00	0.34
Col8	28	-0.46	0.00	-0.41
Col8	29	-0.22	0.00	-0.41
Col8	30	-0.46	0.00	0.45
Col8	31	-0.22	0.00	0.45
Col8	32	-0.46	0.00	0.45
Col8	33	-0.22	0.00	0.45
Col8	34	-0.29	0.00	0.45
Col8	35	-0.06	0.00	0.45
Col8	36	0.15	0.00	0.00
Col8	37	0.15	0.00	0.00
Col8	38	0.75	0.00	0.00
Col8	39	0.75	0.00	0.00
Col8	40	0.55	0.00	0.00
Col8	41	0.55	0.00	0.00
Col8	42	0.55	0.00	0.00
Col8	43	0.55	0.00	0.00
Col8	44	0.09	0.00	0.00
Col8	45	0.09	0.00	0.00
Col8	46	0.79	0.00	0.00
Col8	47	0.34	0.00	0.34
Col8	48	0.51	0.00	0.34
Col8	49	0.15	0.00	0.00
Col8	50	0.14	0.00	0.00
Col8	51	0.09	0.00	0.00
Col8	52	0.09	0.00	0.00
Col9	1	0.95	0.00	0.00
Col9	2	0.15	0.00	0.00
Col9	3	0.68	0.00	0.00
Col9	4	0.68	0.00	0.00
Col9	5	0.75	0.00	0.00
Col9	6	0.55	0.00	0.00
Col9	7	0.55	0.00	0.00
Col9	8	-0.42	0.00	-0.41
Col9	9	-0.19	0.00	-0.41
Col9	10	-0.42	0.00	0.45
Col9	11	-0.19	0.00	0.45
Col9	12	-0.42	0.00	0.45
Col9	13	-0.19	0.00	0.45
Col9	14	-0.26	0.00	0.45
Col9	15	-0.03	0.00	0.45
Col9	16	0.46	0.00	0.34
Col9	17	0.63	0.00	0.34
Col9	18	0.33	0.00	0.34
Col9	19	0.51	0.00	0.34
Col9	20	0.26	0.00	0.34
Col9	21	0.43	0.00	0.34
Col9	22	0.14	0.00	0.34
Col9	23	0.31	0.00	0.34
Col9	24	0.26	0.00	0.34
Col9	25	0.43	0.00	0.34
Col9	26	0.14	0.00	0.34
Col9	27	0.31	0.00	0.34
Col9	28	-0.45	0.00	-0.41
Col9	29	-0.22	0.00	-0.41
Col9	30	-0.45	0.00	0.45
Col9	31	-0.22	0.00	0.45
Col9	32	-0.45	0.00	0.45
Col9	33	-0.22	0.00	0.45
Col9	34	-0.29	0.00	0.45
Col9	35	-0.06	0.00	0.45
Col9	36	0.15	0.00	0.00
Col9	37	0.15	0.00	0.00
Col9	38	0.75	0.00	0.00
Col9	39	0.75	0.00	0.00

Col9	40	0.55	0.00	0.00
Col9	41	0.55	0.00	0.00
Col9	42	0.55	0.00	0.00
Col9	43	0.55	0.00	0.00
Col9	44	0.09	0.00	0.00
Col9	45	0.09	0.00	0.00
Col9	46	0.79	0.00	0.00
Col9	47	0.34	0.00	0.34
Col9	48	0.51	0.00	0.34
Col9	49	0.15	0.00	0.00
Col9	50	0.15	0.00	0.00
Col9	51	0.09	0.00	0.00
Col9	52	0.09	0.00	0.00
Col10	1	0.95	0.00	0.00
Col10	2	0.15	0.00	0.00
Col10	3	0.68	0.00	0.00
Col10	4	0.68	0.00	0.00
Col10	5	0.75	0.00	0.00
Col10	6	0.55	0.00	0.00
Col10	7	0.55	0.00	0.00
Col10	8	-0.42	0.00	-0.42
Col10	9	-0.19	0.00	-0.42
Col10	10	-0.42	0.00	0.47
Col10	11	-0.19	0.00	0.47
Col10	12	-0.42	0.00	0.47
Col10	13	-0.19	0.00	0.47
Col10	14	-0.26	0.00	0.47
Col10	15	-0.02	0.00	0.47
Col10	16	0.46	0.00	0.36
Col10	17	0.63	0.00	0.36
Col10	18	0.33	0.00	0.36
Col10	19	0.51	0.00	0.36
Col10	20	0.26	0.00	0.36
Col10	21	0.43	0.00	0.36
Col10	22	0.14	0.00	0.36
Col10	23	0.31	0.00	0.36
Col10	24	0.26	0.00	0.36
Col10	25	0.43	0.00	0.36
Col10	26	0.14	0.00	0.36
Col10	27	0.31	0.00	0.36
Col10	28	-0.45	0.00	-0.42
Col10	29	-0.22	0.00	-0.42
Col10	30	-0.45	0.00	0.47
Col10	31	-0.22	0.00	0.47
Col10	32	-0.45	0.00	0.47
Col10	33	-0.22	0.00	0.47
Col10	34	-0.29	0.00	0.47
Col10	35	-0.06	0.00	0.47
Col10	36	0.15	0.00	0.00
Col10	37	0.15	0.00	0.00
Col10	38	0.75	0.00	0.00
Col10	39	0.75	0.00	0.00
Col10	40	0.55	0.00	0.00
Col10	41	0.55	0.00	0.00
Col10	42	0.55	0.00	0.00
Col10	43	0.55	0.00	0.00
Col10	44	0.09	0.00	0.00
Col10	45	0.09	0.00	0.00
Col10	46	0.79	0.00	0.00
Col10	47	0.34	0.00	0.36
Col10	48	0.51	0.00	0.36
Col10	49	0.15	0.00	0.00
Col10	50	0.15	0.00	0.00
Col10	51	0.09	0.00	0.00
Col10	52	0.09	0.00	0.00

COLUMN DEFLECTIONS:

Id	Load	Deflection (in)	
	Id	Calc	Limit
Col2	1	0.00	1.00
Col2	2	0.00	1.00
Col2	3	0.00	1.00
Col2	4	0.00	1.00
Col2	5	0.00	1.00
Col2	6	0.00	1.00
Col2	7	0.00	1.00
Col2	8	-0.52	1.00
Col2	9	-0.52	1.00
Col2	10	0.59	1.00
Col2	11	0.59	1.00
Col2	12	0.59	1.00
Col2	13	0.59	1.00
Col2	14	0.59	1.00
Col2	15	0.59	1.00
Col2	16	0.44	1.00
Col2	17	0.44	1.00
Col2	18	0.44	1.00
Col2	19	0.44	1.00
Col2	20	0.44	1.00
Col2	21	0.44	1.00
Col2	22	0.44	1.00
Col2	23	0.44	1.00
Col2	24	0.44	1.00
Col2	25	0.44	1.00
Col2	26	0.44	1.00
Col2	27	0.44	1.00
Col2	28	-0.52	1.00
Col2	29	-0.52	1.00
Col2	30	0.59	1.00
Col2	31	0.59	1.00
Col2	32	0.59	1.00
Col2	33	0.59	1.00
Col2	34	0.59	1.00
Col2	35	0.59	1.00
Col2	36	0.00	1.00
Col2	37	0.00	1.00
Col2	38	0.00	1.00
Col2	39	0.00	1.00
Col2	40	0.00	1.00
Col2	41	0.00	1.00
Col2	42	0.00	1.00
Col2	43	0.00	1.00
Col2	44	0.00	1.00
Col2	45	0.00	1.00
Col2	46	0.00	1.00
Col2	47	0.27	1.00
Col2	48	0.27	1.00
Col3	1	0.00	1.02
Col3	2	0.00	1.02
Col3	3	0.00	1.02
Col3	4	0.00	1.02
Col3	5	0.00	1.02
Col3	6	0.00	1.02
Col3	7	0.00	1.02
Col3	8	-0.55	1.02
Col3	9	-0.55	1.02
Col3	10	0.60	1.02
Col3	11	0.60	1.02

Col3	12	0.60	1.02
Col3	13	0.60	1.02
Col3	14	0.60	1.02
Col3	15	0.60	1.02
Col3	16	0.45	1.02
Col3	17	0.45	1.02
Col3	18	0.45	1.02
Col3	19	0.45	1.02
Col3	20	0.45	1.02
Col3	21	0.45	1.02
Col3	22	0.45	1.02
Col3	23	0.45	1.02
Col3	24	0.45	1.02
Col3	25	0.45	1.02
Col3	26	0.45	1.02
Col3	27	0.45	1.02
Col3	28	-0.55	1.02
Col3	29	-0.55	1.02
Col3	30	0.60	1.02
Col3	31	0.60	1.02
Col3	32	0.60	1.02
Col3	33	0.60	1.02
Col3	34	0.60	1.02
Col3	35	0.60	1.02
Col3	36	0.00	1.02
Col3	37	0.00	1.02
Col3	38	0.00	1.02
Col3	39	0.00	1.02
Col3	40	0.00	1.02
Col3	41	0.00	1.02
Col3	42	0.00	1.02
Col3	43	0.00	1.02
Col3	44	0.00	1.02
Col3	45	0.00	1.02
Col3	46	0.00	1.02
Col3	47	0.27	1.02
Col3	48	0.27	1.02
Col4	1	0.00	1.03
Col4	2	0.00	1.03
Col4	3	0.00	1.03
Col4	4	0.00	1.03
Col4	5	0.00	1.03
Col4	6	0.00	1.03
Col4	7	0.00	1.03
Col4	8	-0.58	1.03
Col4	9	-0.58	1.03
Col4	10	0.64	1.03
Col4	11	0.64	1.03
Col4	12	0.64	1.03
Col4	13	0.64	1.03
Col4	14	0.64	1.03
Col4	15	0.64	1.03
Col4	16	0.48	1.03
Col4	17	0.48	1.03
Col4	18	0.48	1.03
Col4	19	0.48	1.03
Col4	20	0.48	1.03
Col4	21	0.48	1.03
Col4	22	0.48	1.03
Col4	23	0.48	1.03
Col4	24	0.48	1.03
Col4	25	0.48	1.03
Col4	26	0.48	1.03
Col4	27	0.48	1.03
Col4	28	-0.58	1.03



Col4	29	-0.58	1.03
Col4	30	0.64	1.03
Col4	31	0.64	1.03
Col4	32	0.64	1.03
Col4	33	0.64	1.03
Col4	34	0.64	1.03
Col4	35	0.64	1.03
Col4	36	0.00	1.03
Col4	37	0.00	1.03
Col4	38	0.00	1.03
Col4	39	0.00	1.03
Col4	40	0.00	1.03
Col4	41	0.00	1.03
Col4	42	0.00	1.03
Col4	43	0.00	1.03
Col4	44	0.00	1.03
Col4	45	0.00	1.03
Col4	46	0.00	1.03
Col4	47	0.29	1.03
Col4	48	0.29	1.03
Col5	1	0.00	1.04
Col5	2	0.00	1.04
Col5	3	0.00	1.04
Col5	4	0.00	1.04
Col5	5	0.00	1.04
Col5	6	0.00	1.04
Col5	7	0.00	1.04
Col5	8	-0.61	1.04
Col5	9	-0.61	1.04
Col5	10	0.67	1.04
Col5	11	0.67	1.04
Col5	12	0.67	1.04
Col5	13	0.67	1.04
Col5	14	0.67	1.04
Col5	15	0.67	1.04
Col5	16	0.50	1.04
Col5	17	0.50	1.04
Col5	18	0.50	1.04
Col5	19	0.50	1.04
Col5	20	0.50	1.04
Col5	21	0.50	1.04
Col5	22	0.50	1.04
Col5	23	0.50	1.04
Col5	24	0.50	1.04
Col5	25	0.50	1.04
Col5	26	0.50	1.04
Col5	27	0.50	1.04
Col5	28	-0.61	1.04
Col5	29	-0.61	1.04
Col5	30	0.67	1.04
Col5	31	0.67	1.04
Col5	32	0.67	1.04
Col5	33	0.67	1.04
Col5	34	0.67	1.04
Col5	35	0.67	1.04
Col5	36	0.00	1.04
Col5	37	0.00	1.04
Col5	38	0.00	1.04
Col5	39	0.00	1.04
Col5	40	0.00	1.04
Col5	41	0.00	1.04
Col5	42	0.00	1.04
Col5	43	0.00	1.04
Col5	44	0.00	1.04
Col5	45	0.00	1.04

Col5	46	0.00	1.04
Col5	47	0.30	1.04
Col5	48	0.30	1.04
Col6	1	0.00	1.06
Col6	2	0.00	1.06
Col6	3	0.00	1.06
Col6	4	0.00	1.06
Col6	5	0.00	1.06
Col6	6	0.00	1.06
Col6	7	0.00	1.06
Col6	8	-0.64	1.06
Col6	9	-0.64	1.06
Col6	10	0.71	1.06
Col6	11	0.71	1.06
Col6	12	0.71	1.06
Col6	13	0.71	1.06
Col6	14	0.71	1.06
Col6	15	0.71	1.06
Col6	16	0.53	1.06
Col6	17	0.53	1.06
Col6	18	0.53	1.06
Col6	19	0.53	1.06
Col6	20	0.53	1.06
Col6	21	0.53	1.06
Col6	22	0.53	1.06
Col6	23	0.53	1.06
Col6	24	0.53	1.06
Col6	25	0.53	1.06
Col6	26	0.53	1.06
Col6	27	0.53	1.06
Col6	28	-0.64	1.06
Col6	29	-0.64	1.06
Col6	30	0.71	1.06
Col6	31	0.71	1.06
Col6	32	0.71	1.06
Col6	33	0.71	1.06
Col6	34	0.71	1.06
Col6	35	0.71	1.06
Col6	36	0.00	1.06
Col6	37	0.00	1.06
Col6	38	0.00	1.06
Col6	39	0.00	1.06
Col6	40	0.00	1.06
Col6	41	0.00	1.06
Col6	42	0.00	1.06
Col6	43	0.00	1.06
Col6	44	0.00	1.06
Col6	45	0.00	1.06
Col6	46	0.00	1.06
Col6	47	0.32	1.06
Col6	48	0.32	1.06
Col7	1	0.00	1.07
Col7	2	0.00	1.07
Col7	3	0.00	1.07
Col7	4	0.00	1.07
Col7	5	0.00	1.07
Col7	6	0.00	1.07
Col7	7	0.00	1.07
Col7	8	-0.68	1.07
Col7	9	-0.68	1.07
Col7	10	0.75	1.07
Col7	11	0.75	1.07
Col7	12	0.75	1.07
Col7	13	0.75	1.07
Col7	14	0.75	1.07

Col7	15	0.75	1.07
Col7	16	0.56	1.07
Col7	17	0.56	1.07
Col7	18	0.56	1.07
Col7	19	0.56	1.07
Col7	20	0.56	1.07
Col7	21	0.56	1.07
Col7	22	0.56	1.07
Col7	23	0.56	1.07
Col7	24	0.56	1.07
Col7	25	0.56	1.07
Col7	26	0.56	1.07
Col7	27	0.56	1.07
Col7	28	-0.68	1.07
Col7	29	-0.68	1.07
Col7	30	0.75	1.07
Col7	31	0.75	1.07
Col7	32	0.75	1.07
Col7	33	0.75	1.07
Col7	34	0.75	1.07
Col7	35	0.75	1.07
Col7	36	0.00	1.07
Col7	37	0.00	1.07
Col7	38	0.00	1.07
Col7	39	0.00	1.07
Col7	40	0.00	1.07
Col7	41	0.00	1.07
Col7	42	0.00	1.07
Col7	43	0.00	1.07
Col7	44	0.00	1.07
Col7	45	0.00	1.07
Col7	46	0.00	1.07
Col7	47	0.34	1.07
Col7	48	0.34	1.07
Col8	1	0.00	1.09
Col8	2	0.00	1.09
Col8	3	0.00	1.09
Col8	4	0.00	1.09
Col8	5	0.00	1.09
Col8	6	0.00	1.09
Col8	7	0.00	1.09
Col8	8	-0.71	1.09
Col8	9	-0.71	1.09
Col8	10	0.79	1.09
Col8	11	0.79	1.09
Col8	12	0.79	1.09
Col8	13	0.79	1.09
Col8	14	0.79	1.09
Col8	15	0.79	1.09
Col8	16	0.59	1.09
Col8	17	0.59	1.09
Col8	18	0.59	1.09
Col8	19	0.59	1.09
Col8	20	0.59	1.09
Col8	21	0.59	1.09
Col8	22	0.59	1.09
Col8	23	0.59	1.09
Col8	24	0.59	1.09
Col8	25	0.59	1.09
Col8	26	0.59	1.09
Col8	27	0.59	1.09
Col8	28	-0.71	1.09
Col8	29	-0.71	1.09
Col8	30	0.79	1.09
Col8	31	0.79	1.09

Col8	32	0.79	1.09
Col8	33	0.79	1.09
Col8	34	0.79	1.09
Col8	35	0.79	1.09
Col8	36	0.00	1.09
Col8	37	0.00	1.09
Col8	38	0.00	1.09
Col8	39	0.00	1.09
Col8	40	0.00	1.09
Col8	41	0.00	1.09
Col8	42	0.00	1.09
Col8	43	0.00	1.09
Col8	44	0.00	1.09
Col8	45	0.00	1.09
Col8	46	0.00	1.09
Col8	47	0.35	1.09
Col8	48	0.35	1.09
Col9	1	0.00	1.10
Col9	2	0.00	1.10
Col9	3	0.00	1.10
Col9	4	0.00	1.10
Col9	5	0.00	1.10
Col9	6	0.00	1.10
Col9	7	0.00	1.10
Col9	8	-0.75	1.10
Col9	9	-0.75	1.10
Col9	10	0.83	1.10
Col9	11	0.83	1.10
Col9	12	0.83	1.10
Col9	13	0.83	1.10
Col9	14	0.83	1.10
Col9	15	0.83	1.10
Col9	16	0.62	1.10
Col9	17	0.62	1.10
Col9	18	0.62	1.10
Col9	19	0.62	1.10
Col9	20	0.62	1.10
Col9	21	0.62	1.10
Col9	22	0.62	1.10
Col9	23	0.62	1.10
Col9	24	0.62	1.10
Col9	25	0.62	1.10
Col9	26	0.62	1.10
Col9	27	0.62	1.10
Col9	28	-0.75	1.10
Col9	29	-0.75	1.10
Col9	30	0.83	1.10
Col9	31	0.83	1.10
Col9	32	0.83	1.10
Col9	33	0.83	1.10
Col9	34	0.83	1.10
Col9	35	0.83	1.10
Col9	36	0.00	1.10
Col9	37	0.00	1.10
Col9	38	0.00	1.10
Col9	39	0.00	1.10
Col9	40	0.00	1.10
Col9	41	0.00	1.10
Col9	42	0.00	1.10
Col9	43	0.00	1.10
Col9	44	0.00	1.10
Col9	45	0.00	1.10
Col9	46	0.00	1.10
Col9	47	0.37	1.10
Col9	48	0.37	1.10

Col10	1	0.00	1.11
Col10	2	0.00	1.11
Col10	3	0.00	1.11
Col10	4	0.00	1.11
Col10	5	0.00	1.11
Col10	6	0.00	1.11
Col10	7	0.00	1.11
Col10	8	-0.79	1.11
Col10	9	-0.79	1.11
Col10	10	0.90	1.11
Col10	11	0.90	1.11
Col10	12	0.90	1.11
Col10	13	0.90	1.11
Col10	14	0.90	1.11
Col10	15	0.90	1.11
Col10	16	0.67	1.11
Col10	17	0.67	1.11
Col10	18	0.67	1.11
Col10	19	0.67	1.11
Col10	20	0.67	1.11
Col10	21	0.67	1.11
Col10	22	0.67	1.11
Col10	23	0.67	1.11
Col10	24	0.67	1.11
Col10	25	0.67	1.11
Col10	26	0.67	1.11
Col10	27	0.67	1.11
Col10	28	-0.79	1.11
Col10	29	-0.79	1.11
Col10	30	0.90	1.11
Col10	31	0.90	1.11
Col10	32	0.90	1.11
Col10	33	0.90	1.11
Col10	34	0.90	1.11
Col10	35	0.90	1.11
Col10	36	0.00	1.11
Col10	37	0.00	1.11
Col10	38	0.00	1.11
Col10	39	0.00	1.11
Col10	40	0.00	1.11
Col10	41	0.00	1.11
Col10	42	0.00	1.11
Col10	43	0.00	1.11
Col10	44	0.00	1.11
Col10	45	0.00	1.11
Col10	46	0.00	1.11
Col10	47	0.40	1.11
Col10	48	0.40	1.11

COLUMN KL/R RATIO, MOMENT REDUCTION:

Id	Major (ft)	--Minor (ft)--		----KL/R----		Available Reduction Factor	
		Bend	Axial	Major	Minor	Out	In
Col2	15.0	3.7	3.7	78	59	0.00	0.00
Col3	15.3	3.7	3.7	79	59	0.00	0.00
Col4	15.5	3.7	3.7	80	59	0.00	0.00
Col5	15.7	3.7	3.7	81	59	0.00	0.00
Col6	15.9	3.7	3.7	82	59	0.00	0.00
Col7	16.1	3.7	3.7	83	59	0.00	0.00
Col8	16.3	3.7	3.7	85	59	0.00	0.00
Col9	16.5	3.7	3.7	86	59	0.00	0.00
Col10	16.7	3.7	3.7	87	59	0.00	0.00

## GIRT LAYOUT:

Bay Id	Girt Id	Locate	Part	Design Length	Available Reduction Factor	
					Out	In
1	1	3.667	6X2C16	4.500	0.00	0.70
	2	7.333	6X2C16	4.500	0.00	0.70
	3	11.000	6X2C16	4.500	0.00	0.70
	4	14.667	6X2C16	4.500	0.00	0.70
2	1	3.667	6X2C16	4.500	0.00	0.70
	2	7.333	6X2C16	4.500	0.00	0.70
	3	11.000	6X2C16	4.500	0.00	0.70
	4	14.667	6X2C16	4.500	0.00	0.70
3	1	3.667	6X2C16	4.500	0.00	0.70
	2	7.333	6X2C16	4.500	0.00	0.70
	3	11.000	6X2C16	4.500	0.00	0.70
	4	14.667	6X2C16	4.500	0.00	0.70
4	1	3.667	6X2C16	4.500	0.00	0.70
	2	7.333	6X2C16	4.500	0.00	0.70
	3	11.000	6X2C16	4.500	0.00	0.70
	4	14.667	6X2C16	4.500	0.00	0.70
5	1	3.667	6X2C16	4.500	0.00	0.70
	2	7.333	6X2C16	4.500	0.00	0.70
	3	11.000	6X2C16	4.500	0.00	0.70
	4	14.667	6X2C16	4.500	0.00	0.70
6	1	3.667	6X2C16	4.500	0.00	0.70
	2	7.333	6X2C16	4.500	0.00	0.70
	3	11.000	6X2C16	4.500	0.00	0.70
	4	14.667	6X2C16	4.500	0.00	0.70
7	1	3.667	6X2C16	4.500	0.00	0.70
	2	7.333	6X2C16	4.500	0.00	0.70
	3	11.000	6X2C16	4.500	0.00	0.70
	4	14.667	6X2C16	4.500	0.00	0.70
8	1	3.667	6X2C16	4.500	0.00	0.70
	2	7.333	6X2C16	4.500	0.00	0.70
	3	11.000	6X2C16	4.500	0.00	0.70
	4	14.667	6X2C16	4.500	0.00	0.70
9	1	3.667	6X2C16	4.500	0.00	0.70
	2	7.333	6X2C16	4.500	0.00	0.70
	3	11.000	6X2C16	4.500	0.00	0.70
	4	14.667	6X2C16	4.500	0.00	0.70
10	1	3.667	6X2C16	4.625	0.00	0.70
	2	7.333	6X2C16	4.625	0.00	0.70
	3	11.000	6X2C16	4.625	0.00	0.70
	4	14.667	6X2C16	4.625	0.00	0.70

## GIRT ACTIONS:

Bay Id	Girt Id	Load	-Shear(k) -		Moment(f-k)		Max UC	Deflect(in)	
			Calc	Limit	Calc	Limit		Calc	Limit
1	1	WP	-0.08	3.32	-0.09	2.65	0.03	0.00	0.60
		WS	0.10	3.32	0.11	2.65	0.04	0.00	0.60
	4	WP	-0.04	3.32	-0.05	2.65	0.02	0.00	0.60
		WS	0.05	3.32	0.06	2.65	0.02	0.00	0.60
2	1	WP	-0.08	3.32	-0.09	2.65	0.03	0.00	0.60
		WS	0.09	3.32	0.10	2.65	0.04	0.00	0.60
	4	WP	-0.05	3.32	-0.05	2.65	0.02	0.00	0.60
		WS	0.05	3.32	0.06	2.65	0.02	0.00	0.60
3	1	WP	-0.08	3.32	-0.09	2.65	0.03	0.00	0.60
		WS	0.09	3.32	0.10	2.65	0.04	0.00	0.60

	4	WP	-0.05	3.32	-0.05	2.65	0.02	0.00	0.60
		WS	0.05	3.32	0.06	2.65	0.02	0.00	0.60
4	1	WP	-0.08	3.32	-0.09	2.65	0.03	0.00	0.60
		WS	0.09	3.32	0.10	2.65	0.04	0.00	0.60
	4	WP	-0.05	3.32	-0.06	2.65	0.02	0.00	0.60
		WS	0.06	3.32	0.06	2.65	0.02	0.00	0.60
5	1	WP	-0.08	3.32	-0.09	2.65	0.03	0.00	0.60
		WS	0.09	3.32	0.10	2.65	0.04	0.00	0.60
	4	WP	-0.05	3.32	-0.06	2.65	0.02	0.00	0.60
		WS	0.06	3.32	0.07	2.65	0.02	0.00	0.60
6	1	WP	-0.08	3.32	-0.09	2.65	0.03	0.00	0.60
		WS	0.09	3.32	0.10	2.65	0.04	0.00	0.60
	4	WP	-0.06	3.32	-0.06	2.65	0.02	0.00	0.60
		WS	0.06	3.32	0.07	2.65	0.03	0.00	0.60
7	1	WP	-0.08	3.32	-0.09	2.65	0.03	0.00	0.60
		WS	0.09	3.32	0.10	2.65	0.04	0.00	0.60
	4	WP	-0.06	3.32	-0.06	2.65	0.02	0.00	0.60
		WS	0.06	3.32	0.07	2.65	0.03	0.00	0.60
8	1	WP	-0.08	3.32	-0.09	2.65	0.03	0.00	0.60
		WS	0.09	3.32	0.10	2.65	0.04	0.00	0.60
	4	WP	-0.06	3.32	-0.07	2.65	0.03	0.00	0.60
		WS	0.07	3.32	0.07	2.65	0.03	0.00	0.60
9	1	WP	-0.08	3.32	-0.09	2.65	0.03	0.00	0.60
		WS	0.09	3.32	0.10	2.65	0.04	0.00	0.60
	4	WP	-0.06	3.32	-0.07	2.65	0.03	0.00	0.60
		WS	0.07	3.32	0.08	2.65	0.03	0.00	0.60
10	1	WP	-0.08	3.32	-0.10	2.65	0.04	0.00	0.62
		WS	0.10	3.32	0.12	2.65	0.04	0.00	0.62
	4	WP	-0.07	3.32	-0.08	2.65	0.03	0.00	0.62
		WS	0.08	3.32	0.09	2.65	0.03	0.00	0.62

WP - Wind\_Pressure

WS - Wind\_Suction

PANEL DATA:

Bay	Part	Type	Gage	Yield
7	CUSPANL	CP	20.00	50.0

MOMENTS & DEFLECTION:

Span Id	Locate (ft)		Load	-----Moment (ft-lb/ft)-----						Deflect (in)		
	Start	End		Start Calc	Start Limit	Midspan Calc	Midspan Limit	End Calc	End Limit	Max UC	Calc	Limit
1	0.00	3.67	WP	0.0	38.1	-12.8	49.1	17.5	38.1	0.46	-0.11	0.73
			WS	0.0	38.1	17.1	38.1	-23.3	49.1	0.48	0.15	0.73
2	3.67	7.33	WP	17.5	38.1	-5.7	49.1	12.6	38.1	0.46	-0.03	0.73
			WS	-23.3	49.1	7.6	38.1	-16.7	49.1	0.48	0.04	0.73
3	7.33	11.00	WP	12.6	38.1	-6.9	49.1	14.9	38.1	0.39	-0.04	0.73
			WS	-16.7	49.1	9.2	38.1	-19.9	49.1	0.41	0.06	0.73
4	11.00	14.67	WP	14.9	38.1	-8.1	49.1	10.4	38.1	0.39	-0.06	0.73
			WS	-19.9	49.1	10.8	38.1	-13.8	49.1	0.41	0.08	0.73
5	14.67	16.15	WP	10.4	38.1	-0.2	49.1	0.0	38.1	0.27	0.00	0.30
			WS	-13.8	49.1	0.2	38.1	0.0	38.1	0.28	-0.01	0.30

WP - Wind\_Pressure  
 WS - Wind\_Suction



PANEL:

Part	Thick (in)	Yield (ksi )	Tensile Strength (ksi )
CUSPANL	0.038	50.00	65.00

GIRT SCREWS:

Part	Dia (in)	Washer (in)	Limit (k )
#29	0.21	0.50	2.90

PANEL ZONE LAYOUT:

Zone Id	Description	---Wall (ft)---		Bay Id	--Girt (ft, ft, in)--			Panel Span (ft)
		Offset1	Offset2		Locate	Load Width	Min Thick	
1	Interior	5.00	45.00	1	11.00	3.67	0.059	3.67
2	Lt Edge	0.00	5.00	1	11.00	3.67	0.059	3.67
3	Rt Edge	45.00	50.00	10	11.00	3.67	0.059	3.67

GIRT SCREW CHECK:

Zone Id	Screw Space	Wind Suction (psf )	Load (k )	-----Limit (k )-----			
				Girt Pullout	Panel Pullover	Screw Tension	Max UC
1	1.00	16.38	0.06	0.22	0.61	0.77	0.27
2	1.00	16.38	0.06	0.22	0.61	0.77	0.27
3	1.00	16.38	0.06	0.22	0.61	0.77	0.27

WALL LAYOUT:

Wall Id	Orn	Load Width
2	L	2.50

MEMBER LAYOUT:

Id	Locate (ft)	Part	---Web(in)---		-Flange(in)-		Length (ft)	Weight (lb)	----Max_Load----		
			Depth	Thick	Width	Thick			Id	UC	Report
Col12	0.0	6X2C16	6.00	16ga	2.00	16ga	16.9	37.0	17	0.18	Mom+Axl
Col13	16.0	6X2C16	6.00	16ga	2.00	16ga	16.9	37.0	1	0.13	Mom+Axl
Col14	33.0	6X2C16	6.00	16ga	2.00	16ga	16.9	37.0	1	0.14	Mom+Axl
Col15	50.0	6X2C16	6.00	16ga	2.00	16ga	16.9	37.0	1	0.14	Mom+Axl
Col16	67.0	6X2C16	6.00	16ga	2.00	16ga	16.9	37.0	1	0.14	Mom+Axl
Col17	84.0	6X2C16	6.00	16ga	2.00	16ga	16.9	37.0	1	0.13	Mom+Axl
Col18	100.0	6X2C16	6.00	16ga	2.00	16ga	16.9	37.0	17	0.18	Mom+Axl
Raf1		PB6EC	6.13	16ga	2.06	16ga	16.0	33.6			
Raf2		PB6EC	6.13	16ga	2.06	16ga	17.0	35.7			
Raf3		PB6EC	6.13	16ga	2.06	16ga	17.0	35.7			
Raf4		PB6EC	6.13	16ga	2.06	16ga	17.0	35.7			
Raf5		PB6EC	6.13	16ga	2.06	16ga	17.0	35.7			
Raf6		PB6EC	6.13	16ga	2.06	16ga	16.0	33.6			
Total=								468.7			

DESIGN ACTIONS/STRENGTH:

Id	Load Id	-Axial(k)-		-Shear(k)-		Moment(f-k)		-----Unity_Check-----			
		Calc	Limit	Calc	Limit	Calc	Limit	Axial	Shear	Moment	Shear+
Col12	1	0.50	6.06	0.00	3.32	0.00	2.50	0.08	0.00	0.08	0.00
Col12	2	0.10	6.06	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col12	3	0.37	6.06	0.00	3.32	0.00	2.50	0.06	0.00	0.06	0.00
Col12	4	0.37	6.06	0.00	3.32	0.00	2.50	0.06	0.00	0.06	0.00
Col12	5	0.40	6.06	0.00	3.32	0.00	2.50	0.07	0.00	0.07	0.00
Col12	6	0.30	6.06	0.00	3.32	0.00	2.50	0.05	0.00	0.05	0.00
Col12	7	0.30	6.06	0.00	3.32	0.00	2.50	0.05	0.00	0.05	0.00
Col12	8	-0.18	21.18	0.08	3.32	-0.35	2.50	0.01	0.03	0.13	0.00
Col12	9	-0.06	21.18	0.08	3.32	-0.35	2.50	0.00	0.03	0.14	0.00
Col12	10	-0.18	21.18	-0.10	3.32	0.42	2.50	0.01	0.03	0.16	0.00
Col12	11	-0.06	21.18	-0.10	3.32	0.42	2.50	0.00	0.03	0.16	0.00
Col12	12	-0.18	21.18	-0.10	3.32	0.42	2.50	0.01	0.03	0.16	0.00
Col12	13	-0.06	21.18	-0.10	3.32	0.42	2.50	0.00	0.03	0.16	0.00
Col12	14	-0.10	21.18	-0.10	3.32	0.42	2.50	0.00	0.03	0.16	0.00
Col12	15	0.02	6.06	-0.10	3.32	0.42	2.50	0.00	0.03	0.17	0.00
Col12	16	0.26	6.06	-0.07	3.32	0.31	2.50	0.04	0.02	0.17	0.00
Col12	17	0.35	6.06	-0.07	3.32	0.31	2.50	0.06	0.02	0.18	0.00
Col12	18	0.20	6.06	-0.07	3.32	0.31	2.50	0.03	0.02	0.16	0.00
Col12	19	0.29	6.06	-0.07	3.32	0.31	2.50	0.05	0.02	0.17	0.00
Col12	20	0.16	6.06	-0.07	3.32	0.31	2.50	0.03	0.02	0.15	0.00
Col12	21	0.25	6.06	-0.07	3.32	0.31	2.50	0.04	0.02	0.17	0.00
Col12	22	0.10	6.06	-0.07	3.32	0.31	2.50	0.02	0.02	0.14	0.00
Col12	23	0.19	6.06	-0.07	3.32	0.31	2.50	0.03	0.02	0.16	0.00
Col12	24	0.16	6.06	-0.07	3.32	0.31	2.50	0.03	0.02	0.15	0.00
Col12	25	0.25	6.06	-0.07	3.32	0.31	2.50	0.04	0.02	0.17	0.00
Col12	26	0.10	6.06	-0.07	3.32	0.31	2.50	0.02	0.02	0.14	0.00
Col12	27	0.19	6.06	-0.07	3.32	0.31	2.50	0.03	0.02	0.16	0.00

Col12	28	-0.20	21.18	0.08	3.32	-0.35	2.50	0.01	0.03	0.13	0.00
Col12	29	-0.08	21.18	0.08	3.32	-0.35	2.50	0.00	0.03	0.14	0.00
Col12	30	-0.20	21.18	-0.10	3.32	0.42	2.50	0.01	0.03	0.16	0.00
Col12	31	-0.08	21.18	-0.10	3.32	0.42	2.50	0.00	0.03	0.16	0.00
Col12	32	-0.20	21.18	-0.10	3.32	0.42	2.50	0.01	0.03	0.16	0.00
Col12	33	-0.08	21.18	-0.10	3.32	0.42	2.50	0.00	0.03	0.16	0.00
Col12	34	-0.11	21.18	-0.10	3.32	0.42	2.50	0.01	0.03	0.16	0.00
Col12	35	0.00	6.06	-0.10	3.32	0.42	2.50	0.00	0.03	0.17	0.00
Col12	36	0.11	6.06	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col12	37	0.11	6.06	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col12	38	0.40	6.06	0.00	3.32	0.00	2.50	0.07	0.00	0.07	0.00
Col12	39	0.40	6.06	0.00	3.32	0.00	2.50	0.07	0.00	0.07	0.00
Col12	40	0.31	6.06	0.00	3.32	0.00	2.50	0.05	0.00	0.05	0.00
Col12	41	0.31	6.06	0.00	3.32	0.00	2.50	0.05	0.00	0.05	0.00
Col12	42	0.31	6.06	0.00	3.32	0.00	2.50	0.05	0.00	0.05	0.00
Col12	43	0.31	6.06	0.00	3.32	0.00	2.50	0.05	0.00	0.05	0.00
Col12	44	0.08	6.06	0.00	3.32	0.00	2.50	0.01	0.00	0.01	0.00
Col12	45	0.08	6.06	0.00	3.32	0.00	2.50	0.01	0.00	0.01	0.00
Col12	46	0.42	6.06	0.00	3.32	0.00	2.50	0.07	0.00	0.07	0.00
Col12	47	0.20	6.06	-0.07	3.32	0.31	2.50	0.03	0.02	0.16	0.00
Col12	48	0.29	6.06	-0.07	3.32	0.31	2.50	0.05	0.02	0.17	0.00
Col12	49	0.10	6.06	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col12	50	0.10	6.06	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col12	51	0.08	6.06	0.00	3.32	0.00	2.50	0.01	0.00	0.01	0.00
Col12	52	0.08	6.06	0.00	3.32	0.00	2.50	0.01	0.00	0.01	0.00
Col13	1	1.00	7.59	0.00	3.32	0.00	2.50	0.13	0.00	0.13	0.00
Col13	2	0.17	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col13	3	0.73	7.59	0.00	3.32	0.00	2.50	0.10	0.00	0.10	0.00
Col13	4	0.73	7.59	0.00	3.32	0.00	2.50	0.10	0.00	0.10	0.00
Col13	5	0.79	7.59	0.00	3.32	0.00	2.50	0.10	0.00	0.10	0.00
Col13	6	0.59	7.59	0.00	3.32	0.00	2.50	0.08	0.00	0.08	0.00
Col13	7	0.59	7.59	0.00	3.32	0.00	2.50	0.08	0.00	0.08	0.00
Col13	8	-0.41	21.18	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col13	9	-0.17	21.18	0.00	3.32	0.00	2.50	0.01	0.00	0.01	0.00
Col13	10	-0.41	21.18	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col13	11	-0.17	21.18	0.00	3.32	0.00	2.50	0.01	0.00	0.01	0.00
Col13	12	-0.41	21.18	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col13	13	-0.17	21.18	0.00	3.32	0.00	2.50	0.01	0.00	0.01	0.00
Col13	14	-0.24	21.18	0.00	3.32	0.00	2.50	0.01	0.00	0.01	0.00
Col13	15	0.00	21.18	0.00	3.32	0.00	2.50	0.00	0.00	0.00	0.00
Col13	16	0.50	7.59	0.00	3.32	0.00	2.50	0.07	0.00	0.07	0.00
Col13	17	0.68	7.59	0.00	3.32	0.00	2.50	0.09	0.00	0.09	0.00
Col13	18	0.37	7.59	0.00	3.32	0.00	2.50	0.05	0.00	0.05	0.00
Col13	19	0.55	7.59	0.00	3.32	0.00	2.50	0.07	0.00	0.07	0.00
Col13	20	0.29	7.59	0.00	3.32	0.00	2.50	0.04	0.00	0.04	0.00
Col13	21	0.47	7.59	0.00	3.32	0.00	2.50	0.06	0.00	0.06	0.00
Col13	22	0.17	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col13	23	0.35	7.59	0.00	3.32	0.00	2.50	0.05	0.00	0.05	0.00
Col13	24	0.29	7.59	0.00	3.32	0.00	2.50	0.04	0.00	0.04	0.00
Col13	25	0.47	7.59	0.00	3.32	0.00	2.50	0.06	0.00	0.06	0.00
Col13	26	0.17	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col13	27	0.35	7.59	0.00	3.32	0.00	2.50	0.05	0.00	0.05	0.00
Col13	28	-0.44	21.18	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col13	29	-0.20	21.18	0.00	3.32	0.00	2.50	0.01	0.00	0.01	0.00
Col13	30	-0.44	21.18	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col13	31	-0.20	21.18	0.00	3.32	0.00	2.50	0.01	0.00	0.01	0.00
Col13	32	-0.44	21.18	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col13	33	-0.20	21.18	0.00	3.32	0.00	2.50	0.01	0.00	0.01	0.00
Col13	34	-0.27	21.18	0.00	3.32	0.00	2.50	0.01	0.00	0.01	0.00
Col13	35	-0.03	21.18	0.00	3.32	0.00	2.50	0.00	0.00	0.00	0.00
Col13	36	0.18	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col13	37	0.18	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col13	38	0.80	7.59	0.00	3.32	0.00	2.50	0.10	0.00	0.10	0.00
Col13	39	0.80	7.59	0.00	3.32	0.00	2.50	0.10	0.00	0.10	0.00
Col13	40	0.59	7.59	0.00	3.32	0.00	2.50	0.08	0.00	0.08	0.00

Col13	41	0.59	7.59	0.00	3.32	0.00	2.50	0.08	0.00	0.08	0.00
Col13	42	0.59	7.59	0.00	3.32	0.00	2.50	0.08	0.00	0.08	0.00
Col13	43	0.59	7.59	0.00	3.32	0.00	2.50	0.08	0.00	0.08	0.00
Col13	44	0.12	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col13	45	0.12	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col13	46	0.83	7.59	0.00	3.32	0.00	2.50	0.11	0.00	0.11	0.00
Col13	47	0.37	7.59	0.00	3.32	0.00	2.50	0.05	0.00	0.05	0.00
Col13	48	0.55	7.59	0.00	3.32	0.00	2.50	0.07	0.00	0.07	0.00
Col13	49	0.17	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col13	50	0.17	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col13	51	0.12	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col13	52	0.12	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col14	1	1.03	7.59	0.00	3.32	0.00	2.50	0.14	0.00	0.14	0.00
Col14	2	0.18	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col14	3	0.75	7.59	0.00	3.32	0.00	2.50	0.10	0.00	0.10	0.00
Col14	4	0.75	7.59	0.00	3.32	0.00	2.50	0.10	0.00	0.10	0.00
Col14	5	0.82	7.59	0.00	3.32	0.00	2.50	0.11	0.00	0.11	0.00
Col14	6	0.61	7.59	0.00	3.32	0.00	2.50	0.08	0.00	0.08	0.00
Col14	7	0.61	7.59	0.00	3.32	0.00	2.50	0.08	0.00	0.08	0.00
Col14	8	-0.42	21.18	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col14	9	-0.18	21.18	0.00	3.32	0.00	2.50	0.01	0.00	0.01	0.00
Col14	10	-0.42	21.18	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col14	11	-0.18	21.18	0.00	3.32	0.00	2.50	0.01	0.00	0.01	0.00
Col14	12	-0.42	21.18	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col14	13	-0.18	21.18	0.00	3.32	0.00	2.50	0.01	0.00	0.01	0.00
Col14	14	-0.25	21.18	0.00	3.32	0.00	2.50	0.01	0.00	0.01	0.00
Col14	15	0.00	21.18	0.00	3.32	0.00	2.50	0.00	0.00	0.00	0.00
Col14	16	0.51	7.59	0.00	3.32	0.00	2.50	0.07	0.00	0.07	0.00
Col14	17	0.70	7.59	0.00	3.32	0.00	2.50	0.09	0.00	0.09	0.00
Col14	18	0.38	7.59	0.00	3.32	0.00	2.50	0.05	0.00	0.05	0.00
Col14	19	0.57	7.59	0.00	3.32	0.00	2.50	0.07	0.00	0.07	0.00
Col14	20	0.30	7.59	0.00	3.32	0.00	2.50	0.04	0.00	0.04	0.00
Col14	21	0.49	7.59	0.00	3.32	0.00	2.50	0.06	0.00	0.06	0.00
Col14	22	0.17	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col14	23	0.36	7.59	0.00	3.32	0.00	2.50	0.05	0.00	0.05	0.00
Col14	24	0.30	7.59	0.00	3.32	0.00	2.50	0.04	0.00	0.04	0.00
Col14	25	0.49	7.59	0.00	3.32	0.00	2.50	0.06	0.00	0.06	0.00
Col14	26	0.17	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col14	27	0.36	7.59	0.00	3.32	0.00	2.50	0.05	0.00	0.05	0.00
Col14	28	-0.46	21.18	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col14	29	-0.21	21.18	0.00	3.32	0.00	2.50	0.01	0.00	0.01	0.00
Col14	30	-0.46	21.18	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col14	31	-0.21	21.18	0.00	3.32	0.00	2.50	0.01	0.00	0.01	0.00
Col14	32	-0.46	21.18	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col14	33	-0.21	21.18	0.00	3.32	0.00	2.50	0.01	0.00	0.01	0.00
Col14	34	-0.28	21.18	0.00	3.32	0.00	2.50	0.01	0.00	0.01	0.00
Col14	35	-0.04	21.18	0.00	3.32	0.00	2.50	0.00	0.00	0.00	0.00
Col14	36	0.18	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col14	37	0.18	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col14	38	0.82	7.59	0.00	3.32	0.00	2.50	0.11	0.00	0.11	0.00
Col14	39	0.82	7.59	0.00	3.32	0.00	2.50	0.11	0.00	0.11	0.00
Col14	40	0.61	7.59	0.00	3.32	0.00	2.50	0.08	0.00	0.08	0.00
Col14	41	0.61	7.59	0.00	3.32	0.00	2.50	0.08	0.00	0.08	0.00
Col14	42	0.61	7.59	0.00	3.32	0.00	2.50	0.08	0.00	0.08	0.00
Col14	43	0.61	7.59	0.00	3.32	0.00	2.50	0.08	0.00	0.08	0.00
Col14	44	0.12	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col14	45	0.12	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col14	46	0.86	7.59	0.00	3.32	0.00	2.50	0.11	0.00	0.11	0.00
Col14	47	0.38	7.59	0.00	3.32	0.00	2.50	0.05	0.00	0.05	0.00
Col14	48	0.57	7.59	0.00	3.32	0.00	2.50	0.07	0.00	0.07	0.00
Col14	49	0.18	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col14	50	0.18	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col14	51	0.12	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col14	52	0.12	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col15	1	1.03	7.59	0.00	3.32	0.00	2.50	0.14	0.00	0.14	0.00





Col17	28	-0.44	21.18	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col17	29	-0.20	21.18	0.00	3.32	0.00	2.50	0.01	0.00	0.01	0.00
Col17	30	-0.44	21.18	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col17	31	-0.20	21.18	0.00	3.32	0.00	2.50	0.01	0.00	0.01	0.00
Col17	32	-0.44	21.18	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col17	33	-0.20	21.18	0.00	3.32	0.00	2.50	0.01	0.00	0.01	0.00
Col17	34	-0.27	21.18	0.00	3.32	0.00	2.50	0.01	0.00	0.01	0.00
Col17	35	-0.03	21.18	0.00	3.32	0.00	2.50	0.00	0.00	0.00	0.00
Col17	36	0.18	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col17	37	0.18	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col17	38	0.80	7.59	0.00	3.32	0.00	2.50	0.10	0.00	0.10	0.00
Col17	39	0.80	7.59	0.00	3.32	0.00	2.50	0.10	0.00	0.10	0.00
Col17	40	0.59	7.59	0.00	3.32	0.00	2.50	0.08	0.00	0.08	0.00
Col17	41	0.59	7.59	0.00	3.32	0.00	2.50	0.08	0.00	0.08	0.00
Col17	42	0.59	7.59	0.00	3.32	0.00	2.50	0.08	0.00	0.08	0.00
Col17	43	0.59	7.59	0.00	3.32	0.00	2.50	0.08	0.00	0.08	0.00
Col17	44	0.12	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col17	45	0.12	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col17	46	0.83	7.59	0.00	3.32	0.00	2.50	0.11	0.00	0.11	0.00
Col17	47	0.37	7.59	0.00	3.32	0.00	2.50	0.05	0.00	0.05	0.00
Col17	48	0.55	7.59	0.00	3.32	0.00	2.50	0.07	0.00	0.07	0.00
Col17	49	0.17	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col17	50	0.17	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col17	51	0.12	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col17	52	0.12	7.59	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col18	1	0.50	6.06	0.00	3.32	0.00	2.50	0.08	0.00	0.08	0.00
Col18	2	0.10	6.06	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col18	3	0.37	6.06	0.00	3.32	0.00	2.50	0.06	0.00	0.06	0.00
Col18	4	0.37	6.06	0.00	3.32	0.00	2.50	0.06	0.00	0.06	0.00
Col18	5	0.40	6.06	0.00	3.32	0.00	2.50	0.07	0.00	0.07	0.00
Col18	6	0.30	6.06	0.00	3.32	0.00	2.50	0.05	0.00	0.05	0.00
Col18	7	0.30	6.06	0.00	3.32	0.00	2.50	0.05	0.00	0.05	0.00
Col18	8	-0.18	21.18	0.08	3.32	-0.35	2.50	0.01	0.03	0.13	0.00
Col18	9	-0.06	21.18	0.08	3.32	-0.35	2.50	0.00	0.03	0.14	0.00
Col18	10	-0.18	21.18	-0.10	3.32	0.42	2.50	0.01	0.03	0.16	0.00
Col18	11	-0.06	21.18	-0.10	3.32	0.42	2.50	0.00	0.03	0.16	0.00
Col18	12	-0.18	21.18	-0.10	3.32	0.42	2.50	0.01	0.03	0.16	0.00
Col18	13	-0.06	21.18	-0.10	3.32	0.42	2.50	0.00	0.03	0.16	0.00
Col18	14	-0.10	21.18	-0.10	3.32	0.42	2.50	0.00	0.03	0.16	0.00
Col18	15	0.02	6.06	-0.10	3.32	0.42	2.50	0.00	0.03	0.17	0.00
Col18	16	0.26	6.06	-0.07	3.32	0.31	2.50	0.04	0.02	0.17	0.00
Col18	17	0.35	6.06	-0.07	3.32	0.31	2.50	0.06	0.02	0.18	0.00
Col18	18	0.20	6.06	-0.07	3.32	0.31	2.50	0.03	0.02	0.16	0.00
Col18	19	0.29	6.06	-0.07	3.32	0.31	2.50	0.05	0.02	0.17	0.00
Col18	20	0.16	6.06	-0.07	3.32	0.31	2.50	0.03	0.02	0.15	0.00
Col18	21	0.25	6.06	-0.07	3.32	0.31	2.50	0.04	0.02	0.17	0.00
Col18	22	0.10	6.06	-0.07	3.32	0.31	2.50	0.02	0.02	0.14	0.00
Col18	23	0.19	6.06	-0.07	3.32	0.31	2.50	0.03	0.02	0.16	0.00
Col18	24	0.16	6.06	-0.07	3.32	0.31	2.50	0.03	0.02	0.15	0.00
Col18	25	0.25	6.06	-0.07	3.32	0.31	2.50	0.04	0.02	0.17	0.00
Col18	26	0.10	6.06	-0.07	3.32	0.31	2.50	0.02	0.02	0.14	0.00
Col18	27	0.19	6.06	-0.07	3.32	0.31	2.50	0.03	0.02	0.16	0.00
Col18	28	-0.20	21.18	0.08	3.32	-0.35	2.50	0.01	0.03	0.13	0.00
Col18	29	-0.08	21.18	0.08	3.32	-0.35	2.50	0.00	0.03	0.14	0.00
Col18	30	-0.20	21.18	-0.10	3.32	0.42	2.50	0.01	0.03	0.16	0.00
Col18	31	-0.08	21.18	-0.10	3.32	0.42	2.50	0.00	0.03	0.16	0.00
Col18	32	-0.20	21.18	-0.10	3.32	0.42	2.50	0.01	0.03	0.16	0.00
Col18	33	-0.08	21.18	-0.10	3.32	0.42	2.50	0.00	0.03	0.16	0.00
Col18	34	-0.11	21.18	-0.10	3.32	0.42	2.50	0.01	0.03	0.16	0.00
Col18	35	0.00	6.06	-0.10	3.32	0.42	2.50	0.00	0.03	0.17	0.00
Col18	36	0.11	6.06	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col18	37	0.11	6.06	0.00	3.32	0.00	2.50	0.02	0.00	0.02	0.00
Col18	38	0.40	6.06	0.00	3.32	0.00	2.50	0.07	0.00	0.07	0.00
Col18	39	0.40	6.06	0.00	3.32	0.00	2.50	0.07	0.00	0.07	0.00
Col18	40	0.31	6.06	0.00	3.32	0.00	2.50	0.05	0.00	0.05	0.00













COLUMN REACTIONS:

Id	Load		In_Plane	Out_Plane
	Id	Vert(k )	Horz(k )	Horz(k )
Col12	1	0.50	0.00	0.00
Col12	2	0.10	0.00	0.00
Col12	3	0.37	0.00	0.00
Col12	4	0.37	0.00	0.00
Col12	5	0.40	0.00	0.00
Col12	6	0.30	0.00	0.00
Col12	7	0.30	0.00	0.00
Col12	8	-0.18	0.00	-0.08
Col12	9	-0.06	0.00	-0.08
Col12	10	-0.18	0.00	0.10
Col12	11	-0.06	0.00	0.10
Col12	12	-0.18	0.00	0.10
Col12	13	-0.06	0.00	0.10
Col12	14	-0.10	0.00	0.10
Col12	15	0.02	0.00	0.10
Col12	16	0.26	0.00	0.07
Col12	17	0.35	0.00	0.07
Col12	18	0.20	0.00	0.07
Col12	19	0.29	0.00	0.07
Col12	20	0.16	0.00	0.07
Col12	21	0.25	0.00	0.07
Col12	22	0.10	0.00	0.07
Col12	23	0.19	0.00	0.07
Col12	24	0.16	0.00	0.07
Col12	25	0.25	0.00	0.07
Col12	26	0.10	0.00	0.07
Col12	27	0.19	0.00	0.07
Col12	28	-0.20	0.00	-0.08
Col12	29	-0.08	0.00	-0.08
Col12	30	-0.20	0.00	0.10
Col12	31	-0.08	0.00	0.10
Col12	32	-0.20	0.00	0.10
Col12	33	-0.08	0.00	0.10
Col12	34	-0.11	0.00	0.10
Col12	35	0.00	0.00	0.10
Col12	36	0.11	0.00	0.00
Col12	37	0.11	0.00	0.00
Col12	38	0.40	0.00	0.00
Col12	39	0.40	0.00	0.00
Col12	40	0.31	0.00	0.00
Col12	41	0.31	0.00	0.00
Col12	42	0.31	0.00	0.00
Col12	43	0.31	0.00	0.00
Col12	44	0.08	0.00	0.00
Col12	45	0.08	0.00	0.00
Col12	46	0.42	0.00	0.00
Col12	47	0.20	0.00	0.07
Col12	48	0.29	0.00	0.07
Col12	49	0.10	0.00	0.00
Col12	50	0.10	0.00	0.00
Col12	51	0.08	0.00	0.00
Col12	52	0.08	0.00	0.00
Col13	1	1.00	0.00	0.00
Col13	2	0.17	0.00	0.00
Col13	3	0.73	0.00	0.00
Col13	4	0.73	0.00	0.00
Col13	5	0.79	0.00	0.00
Col13	6	0.59	0.00	0.00
Col13	7	0.59	0.00	0.00

Col13	8	-0.41	0.00	0.00
Col13	9	-0.17	0.00	0.00
Col13	10	-0.41	0.00	0.00
Col13	11	-0.17	0.00	0.00
Col13	12	-0.41	0.00	0.00
Col13	13	-0.17	0.00	0.00
Col13	14	-0.24	0.00	0.00
Col13	15	0.00	0.00	0.00
Col13	16	0.50	0.00	0.00
Col13	17	0.68	0.00	0.00
Col13	18	0.37	0.00	0.00
Col13	19	0.55	0.00	0.00
Col13	20	0.29	0.00	0.00
Col13	21	0.47	0.00	0.00
Col13	22	0.17	0.00	0.00
Col13	23	0.35	0.00	0.00
Col13	24	0.29	0.00	0.00
Col13	25	0.47	0.00	0.00
Col13	26	0.17	0.00	0.00
Col13	27	0.35	0.00	0.00
Col13	28	-0.44	0.00	0.00
Col13	29	-0.20	0.00	0.00
Col13	30	-0.44	0.00	0.00
Col13	31	-0.20	0.00	0.00
Col13	32	-0.44	0.00	0.00
Col13	33	-0.20	0.00	0.00
Col13	34	-0.27	0.00	0.00
Col13	35	-0.03	0.00	0.00
Col13	36	0.18	0.00	0.00
Col13	37	0.18	0.00	0.00
Col13	38	0.80	0.00	0.00
Col13	39	0.80	0.00	0.00
Col13	40	0.59	0.00	0.00
Col13	41	0.59	0.00	0.00
Col13	42	0.59	0.00	0.00
Col13	43	0.59	0.00	0.00
Col13	44	0.12	0.00	0.00
Col13	45	0.12	0.00	0.00
Col13	46	0.83	0.00	0.00
Col13	47	0.37	0.00	0.00
Col13	48	0.55	0.00	0.00
Col13	49	0.17	0.00	0.00
Col13	50	0.17	0.00	0.00
Col13	51	0.12	0.00	0.00
Col13	52	0.12	0.00	0.00
Col14	1	1.03	0.00	0.00
Col14	2	0.18	0.00	0.00
Col14	3	0.75	0.00	0.00
Col14	4	0.75	0.00	0.00
Col14	5	0.82	0.00	0.00
Col14	6	0.61	0.00	0.00
Col14	7	0.61	0.00	0.00
Col14	8	-0.42	0.00	0.00
Col14	9	-0.18	0.00	0.00
Col14	10	-0.42	0.00	0.00
Col14	11	-0.18	0.00	0.00
Col14	12	-0.42	0.00	0.00
Col14	13	-0.18	0.00	0.00
Col14	14	-0.25	0.00	0.00
Col14	15	0.00	0.00	0.00
Col14	16	0.51	0.00	0.00
Col14	17	0.70	0.00	0.00
Col14	18	0.38	0.00	0.00
Col14	19	0.57	0.00	0.00
Col14	20	0.30	0.00	0.00

Col14	21	0.49	0.00	0.00
Col14	22	0.17	0.00	0.00
Col14	23	0.36	0.00	0.00
Col14	24	0.30	0.00	0.00
Col14	25	0.49	0.00	0.00
Col14	26	0.17	0.00	0.00
Col14	27	0.36	0.00	0.00
Col14	28	-0.46	0.00	0.00
Col14	29	-0.21	0.00	0.00
Col14	30	-0.46	0.00	0.00
Col14	31	-0.21	0.00	0.00
Col14	32	-0.46	0.00	0.00
Col14	33	-0.21	0.00	0.00
Col14	34	-0.28	0.00	0.00
Col14	35	-0.04	0.00	0.00
Col14	36	0.18	0.00	0.00
Col14	37	0.18	0.00	0.00
Col14	38	0.82	0.00	0.00
Col14	39	0.82	0.00	0.00
Col14	40	0.61	0.00	0.00
Col14	41	0.61	0.00	0.00
Col14	42	0.61	0.00	0.00
Col14	43	0.61	0.00	0.00
Col14	44	0.12	0.00	0.00
Col14	45	0.12	0.00	0.00
Col14	46	0.86	0.00	0.00
Col14	47	0.38	0.00	0.00
Col14	48	0.57	0.00	0.00
Col14	49	0.18	0.00	0.00
Col14	50	0.18	0.00	0.00
Col14	51	0.12	0.00	0.00
Col14	52	0.12	0.00	0.00
Col15	1	1.03	0.00	0.00
Col15	2	0.18	0.00	0.00
Col15	3	0.75	0.00	0.00
Col15	4	0.75	0.00	0.00
Col15	5	0.82	0.00	0.00
Col15	6	0.61	0.00	0.00
Col15	7	0.61	0.00	0.00
Col15	8	-0.42	0.00	0.00
Col15	9	-0.18	0.00	0.00
Col15	10	-0.42	0.00	0.00
Col15	11	-0.18	0.00	0.00
Col15	12	-0.42	0.00	0.00
Col15	13	-0.18	0.00	0.00
Col15	14	-0.25	0.00	0.00
Col15	15	0.00	0.00	0.00
Col15	16	0.51	0.00	0.00
Col15	17	0.70	0.00	0.00
Col15	18	0.38	0.00	0.00
Col15	19	0.57	0.00	0.00
Col15	20	0.30	0.00	0.00
Col15	21	0.49	0.00	0.00
Col15	22	0.17	0.00	0.00
Col15	23	0.36	0.00	0.00
Col15	24	0.30	0.00	0.00
Col15	25	0.49	0.00	0.00
Col15	26	0.17	0.00	0.00
Col15	27	0.36	0.00	0.00
Col15	28	-0.46	0.00	0.00
Col15	29	-0.21	0.00	0.00
Col15	30	-0.46	0.00	0.00
Col15	31	-0.21	0.00	0.00
Col15	32	-0.46	0.00	0.00
Col15	33	-0.21	0.00	0.00

Col15	34	-0.28	0.00	0.00
Col15	35	-0.04	0.00	0.00
Col15	36	0.18	0.00	0.00
Col15	37	0.18	0.00	0.00
Col15	38	0.82	0.00	0.00
Col15	39	0.82	0.00	0.00
Col15	40	0.61	0.00	0.00
Col15	41	0.61	0.00	0.00
Col15	42	0.61	0.00	0.00
Col15	43	0.61	0.00	0.00
Col15	44	0.12	0.00	0.00
Col15	45	0.12	0.00	0.00
Col15	46	0.86	0.00	0.00
Col15	47	0.38	0.00	0.00
Col15	48	0.57	0.00	0.00
Col15	49	0.18	0.00	0.00
Col15	50	0.18	0.00	0.00
Col15	51	0.12	0.00	0.00
Col15	52	0.12	0.00	0.00
Col16	1	1.03	0.00	0.00
Col16	2	0.18	0.00	0.00
Col16	3	0.75	0.00	0.00
Col16	4	0.75	0.00	0.00
Col16	5	0.82	0.00	0.00
Col16	6	0.61	0.00	0.00
Col16	7	0.61	0.00	0.00
Col16	8	-0.42	0.00	0.00
Col16	9	-0.18	0.00	0.00
Col16	10	-0.42	0.00	0.00
Col16	11	-0.18	0.00	0.00
Col16	12	-0.42	0.00	0.00
Col16	13	-0.18	0.00	0.00
Col16	14	-0.25	0.00	0.00
Col16	15	0.00	0.00	0.00
Col16	16	0.51	0.00	0.00
Col16	17	0.70	0.00	0.00
Col16	18	0.38	0.00	0.00
Col16	19	0.57	0.00	0.00
Col16	20	0.30	0.00	0.00
Col16	21	0.49	0.00	0.00
Col16	22	0.17	0.00	0.00
Col16	23	0.36	0.00	0.00
Col16	24	0.30	0.00	0.00
Col16	25	0.49	0.00	0.00
Col16	26	0.17	0.00	0.00
Col16	27	0.36	0.00	0.00
Col16	28	-0.46	0.00	0.00
Col16	29	-0.21	0.00	0.00
Col16	30	-0.46	0.00	0.00
Col16	31	-0.21	0.00	0.00
Col16	32	-0.46	0.00	0.00
Col16	33	-0.21	0.00	0.00
Col16	34	-0.28	0.00	0.00
Col16	35	-0.04	0.00	0.00
Col16	36	0.18	0.00	0.00
Col16	37	0.18	0.00	0.00
Col16	38	0.82	0.00	0.00
Col16	39	0.82	0.00	0.00
Col16	40	0.61	0.00	0.00
Col16	41	0.61	0.00	0.00
Col16	42	0.61	0.00	0.00
Col16	43	0.61	0.00	0.00
Col16	44	0.12	0.00	0.00
Col16	45	0.12	0.00	0.00
Col16	46	0.86	0.00	0.00



Col16	47	0.38	0.00	0.00
Col16	48	0.57	0.00	0.00
Col16	49	0.18	0.00	0.00
Col16	50	0.18	0.00	0.00
Col16	51	0.12	0.00	0.00
Col16	52	0.12	0.00	0.00
Col17	1	1.00	0.00	0.00
Col17	2	0.17	0.00	0.00
Col17	3	0.73	0.00	0.00
Col17	4	0.73	0.00	0.00
Col17	5	0.79	0.00	0.00
Col17	6	0.59	0.00	0.00
Col17	7	0.59	0.00	0.00
Col17	8	-0.41	0.00	0.00
Col17	9	-0.17	0.00	0.00
Col17	10	-0.41	0.00	0.00
Col17	11	-0.17	0.00	0.00
Col17	12	-0.41	0.00	0.00
Col17	13	-0.17	0.00	0.00
Col17	14	-0.24	0.00	0.00
Col17	15	0.00	0.00	0.00
Col17	16	0.50	0.00	0.00
Col17	17	0.68	0.00	0.00
Col17	18	0.37	0.00	0.00
Col17	19	0.55	0.00	0.00
Col17	20	0.29	0.00	0.00
Col17	21	0.47	0.00	0.00
Col17	22	0.17	0.00	0.00
Col17	23	0.35	0.00	0.00
Col17	24	0.29	0.00	0.00
Col17	25	0.47	0.00	0.00
Col17	26	0.17	0.00	0.00
Col17	27	0.35	0.00	0.00
Col17	28	-0.44	0.00	0.00
Col17	29	-0.20	0.00	0.00
Col17	30	-0.44	0.00	0.00
Col17	31	-0.20	0.00	0.00
Col17	32	-0.44	0.00	0.00
Col17	33	-0.20	0.00	0.00
Col17	34	-0.27	0.00	0.00
Col17	35	-0.03	0.00	0.00
Col17	36	0.18	0.00	0.00
Col17	37	0.18	0.00	0.00
Col17	38	0.80	0.00	0.00
Col17	39	0.80	0.00	0.00
Col17	40	0.59	0.00	0.00
Col17	41	0.59	0.00	0.00
Col17	42	0.59	0.00	0.00
Col17	43	0.59	0.00	0.00
Col17	44	0.12	0.00	0.00
Col17	45	0.12	0.00	0.00
Col17	46	0.83	0.00	0.00
Col17	47	0.37	0.00	0.00
Col17	48	0.55	0.00	0.00
Col17	49	0.17	0.00	0.00
Col17	50	0.17	0.00	0.00
Col17	51	0.12	0.00	0.00
Col17	52	0.12	0.00	0.00
Col18	1	0.50	0.00	0.00
Col18	2	0.10	0.00	0.00
Col18	3	0.37	0.00	0.00
Col18	4	0.37	0.00	0.00
Col18	5	0.40	0.00	0.00
Col18	6	0.30	0.00	0.00
Col18	7	0.30	0.00	0.00

Col18	8	-0.18	0.00	-0.08
Col18	9	-0.06	0.00	-0.08
Col18	10	-0.18	0.00	0.10
Col18	11	-0.06	0.00	0.10
Col18	12	-0.18	0.00	0.10
Col18	13	-0.06	0.00	0.10
Col18	14	-0.10	0.00	0.10
Col18	15	0.02	0.00	0.10
Col18	16	0.26	0.00	0.07
Col18	17	0.35	0.00	0.07
Col18	18	0.20	0.00	0.07
Col18	19	0.29	0.00	0.07
Col18	20	0.16	0.00	0.07
Col18	21	0.25	0.00	0.07
Col18	22	0.10	0.00	0.07
Col18	23	0.19	0.00	0.07
Col18	24	0.16	0.00	0.07
Col18	25	0.25	0.00	0.07
Col18	26	0.10	0.00	0.07
Col18	27	0.19	0.00	0.07
Col18	28	-0.20	0.00	-0.08
Col18	29	-0.08	0.00	-0.08
Col18	30	-0.20	0.00	0.10
Col18	31	-0.08	0.00	0.10
Col18	32	-0.20	0.00	0.10
Col18	33	-0.08	0.00	0.10
Col18	34	-0.11	0.00	0.10
Col18	35	0.00	0.00	0.10
Col18	36	0.11	0.00	0.00
Col18	37	0.11	0.00	0.00
Col18	38	0.40	0.00	0.00
Col18	39	0.40	0.00	0.00
Col18	40	0.31	0.00	0.00
Col18	41	0.31	0.00	0.00
Col18	42	0.31	0.00	0.00
Col18	43	0.31	0.00	0.00
Col18	44	0.08	0.00	0.00
Col18	45	0.08	0.00	0.00
Col18	46	0.42	0.00	0.00
Col18	47	0.20	0.00	0.07
Col18	48	0.29	0.00	0.07
Col18	49	0.10	0.00	0.00
Col18	50	0.10	0.00	0.00
Col18	51	0.08	0.00	0.00
Col18	52	0.08	0.00	0.00

COLUMN DEFLECTIONS:

Id	Load	Deflection(in)	
	Id	Calc	Limit
Col12	1	0.00	1.13
Col12	2	0.00	1.13
Col12	3	0.00	1.13
Col12	4	0.00	1.13
Col12	5	0.00	1.13
Col12	6	0.00	1.13
Col12	7	0.00	1.13
Col12	8	-0.16	1.13
Col12	9	-0.16	1.13
Col12	10	0.19	1.13
Col12	11	0.19	1.13
Col12	12	0.19	1.13
Col12	13	0.19	1.13
Col12	14	0.19	1.13

Col12	15	0.19	1.13
Col12	16	0.15	1.13
Col12	17	0.15	1.13
Col12	18	0.15	1.13
Col12	19	0.15	1.13
Col12	20	0.15	1.13
Col12	21	0.15	1.13
Col12	22	0.15	1.13
Col12	23	0.15	1.13
Col12	24	0.15	1.13
Col12	25	0.15	1.13
Col12	26	0.15	1.13
Col12	27	0.15	1.13
Col12	28	-0.16	1.13
Col12	29	-0.16	1.13
Col12	30	0.19	1.13
Col12	31	0.19	1.13
Col12	32	0.19	1.13
Col12	33	0.19	1.13
Col12	34	0.19	1.13
Col12	35	0.19	1.13
Col12	36	0.00	1.13
Col12	37	0.00	1.13
Col12	38	0.00	1.13
Col12	39	0.00	1.13
Col12	40	0.00	1.13
Col12	41	0.00	1.13
Col12	42	0.00	1.13
Col12	43	0.00	1.13
Col12	44	0.00	1.13
Col12	45	0.00	1.13
Col12	46	0.00	1.13
Col12	47	0.09	1.13
Col12	48	0.09	1.13
Col13	1	0.00	1.13
Col13	2	0.00	1.13
Col13	3	0.00	1.13
Col13	4	0.00	1.13
Col13	5	0.00	1.13
Col13	6	0.00	1.13
Col13	7	0.00	1.13
Col13	8	0.00	1.13
Col13	9	0.00	1.13
Col13	10	0.00	1.13
Col13	11	0.00	1.13
Col13	12	0.00	1.13
Col13	13	0.00	1.13
Col13	14	0.00	1.13
Col13	15	0.00	1.13
Col13	16	0.00	1.13
Col13	17	0.00	1.13
Col13	18	0.00	1.13
Col13	19	0.00	1.13
Col13	20	0.00	1.13
Col13	21	0.00	1.13
Col13	22	0.00	1.13
Col13	23	0.00	1.13
Col13	24	0.00	1.13
Col13	25	0.00	1.13
Col13	26	0.00	1.13
Col13	27	0.00	1.13
Col13	28	0.00	1.13
Col13	29	0.00	1.13
Col13	30	0.00	1.13
Col13	31	0.00	1.13

Col13	32	0.00	1.13
Col13	33	0.00	1.13
Col13	34	0.00	1.13
Col13	35	0.00	1.13
Col13	36	0.00	1.13
Col13	37	0.00	1.13
Col13	38	0.00	1.13
Col13	39	0.00	1.13
Col13	40	0.00	1.13
Col13	41	0.00	1.13
Col13	42	0.00	1.13
Col13	43	0.00	1.13
Col13	44	0.00	1.13
Col13	45	0.00	1.13
Col13	46	0.00	1.13
Col13	47	0.00	1.13
Col13	48	0.00	1.13
Col14	1	0.00	1.13
Col14	2	0.00	1.13
Col14	3	0.00	1.13
Col14	4	0.00	1.13
Col14	5	0.00	1.13
Col14	6	0.00	1.13
Col14	7	0.00	1.13
Col14	8	0.00	1.13
Col14	9	0.00	1.13
Col14	10	0.00	1.13
Col14	11	0.00	1.13
Col14	12	0.00	1.13
Col14	13	0.00	1.13
Col14	14	0.00	1.13
Col14	15	0.00	1.13
Col14	16	0.00	1.13
Col14	17	0.00	1.13
Col14	18	0.00	1.13
Col14	19	0.00	1.13
Col14	20	0.00	1.13
Col14	21	0.00	1.13
Col14	22	0.00	1.13
Col14	23	0.00	1.13
Col14	24	0.00	1.13
Col14	25	0.00	1.13
Col14	26	0.00	1.13
Col14	27	0.00	1.13
Col14	28	0.00	1.13
Col14	29	0.00	1.13
Col14	30	0.00	1.13
Col14	31	0.00	1.13
Col14	32	0.00	1.13
Col14	33	0.00	1.13
Col14	34	0.00	1.13
Col14	35	0.00	1.13
Col14	36	0.00	1.13
Col14	37	0.00	1.13
Col14	38	0.00	1.13
Col14	39	0.00	1.13
Col14	40	0.00	1.13
Col14	41	0.00	1.13
Col14	42	0.00	1.13
Col14	43	0.00	1.13
Col14	44	0.00	1.13
Col14	45	0.00	1.13
Col14	46	0.00	1.13
Col14	47	0.00	1.13
Col14	48	0.00	1.13

Col15	1	0.00	1.13
Col15	2	0.00	1.13
Col15	3	0.00	1.13
Col15	4	0.00	1.13
Col15	5	0.00	1.13
Col15	6	0.00	1.13
Col15	7	0.00	1.13
Col15	8	0.00	1.13
Col15	9	0.00	1.13
Col15	10	0.00	1.13
Col15	11	0.00	1.13
Col15	12	0.00	1.13
Col15	13	0.00	1.13
Col15	14	0.00	1.13
Col15	15	0.00	1.13
Col15	16	0.00	1.13
Col15	17	0.00	1.13
Col15	18	0.00	1.13
Col15	19	0.00	1.13
Col15	20	0.00	1.13
Col15	21	0.00	1.13
Col15	22	0.00	1.13
Col15	23	0.00	1.13
Col15	24	0.00	1.13
Col15	25	0.00	1.13
Col15	26	0.00	1.13
Col15	27	0.00	1.13
Col15	28	0.00	1.13
Col15	29	0.00	1.13
Col15	30	0.00	1.13
Col15	31	0.00	1.13
Col15	32	0.00	1.13
Col15	33	0.00	1.13
Col15	34	0.00	1.13
Col15	35	0.00	1.13
Col15	36	0.00	1.13
Col15	37	0.00	1.13
Col15	38	0.00	1.13
Col15	39	0.00	1.13
Col15	40	0.00	1.13
Col15	41	0.00	1.13
Col15	42	0.00	1.13
Col15	43	0.00	1.13
Col15	44	0.00	1.13
Col15	45	0.00	1.13
Col15	46	0.00	1.13
Col15	47	0.00	1.13
Col15	48	0.00	1.13
Col16	1	0.00	1.13
Col16	2	0.00	1.13
Col16	3	0.00	1.13
Col16	4	0.00	1.13
Col16	5	0.00	1.13
Col16	6	0.00	1.13
Col16	7	0.00	1.13
Col16	8	0.00	1.13
Col16	9	0.00	1.13
Col16	10	0.00	1.13
Col16	11	0.00	1.13
Col16	12	0.00	1.13
Col16	13	0.00	1.13
Col16	14	0.00	1.13
Col16	15	0.00	1.13
Col16	16	0.00	1.13
Col16	17	0.00	1.13

Col16	18	0.00	1.13
Col16	19	0.00	1.13
Col16	20	0.00	1.13
Col16	21	0.00	1.13
Col16	22	0.00	1.13
Col16	23	0.00	1.13
Col16	24	0.00	1.13
Col16	25	0.00	1.13
Col16	26	0.00	1.13
Col16	27	0.00	1.13
Col16	28	0.00	1.13
Col16	29	0.00	1.13
Col16	30	0.00	1.13
Col16	31	0.00	1.13
Col16	32	0.00	1.13
Col16	33	0.00	1.13
Col16	34	0.00	1.13
Col16	35	0.00	1.13
Col16	36	0.00	1.13
Col16	37	0.00	1.13
Col16	38	0.00	1.13
Col16	39	0.00	1.13
Col16	40	0.00	1.13
Col16	41	0.00	1.13
Col16	42	0.00	1.13
Col16	43	0.00	1.13
Col16	44	0.00	1.13
Col16	45	0.00	1.13
Col16	46	0.00	1.13
Col16	47	0.00	1.13
Col16	48	0.00	1.13
Col17	1	0.00	1.13
Col17	2	0.00	1.13
Col17	3	0.00	1.13
Col17	4	0.00	1.13
Col17	5	0.00	1.13
Col17	6	0.00	1.13
Col17	7	0.00	1.13
Col17	8	0.00	1.13
Col17	9	0.00	1.13
Col17	10	0.00	1.13
Col17	11	0.00	1.13
Col17	12	0.00	1.13
Col17	13	0.00	1.13
Col17	14	0.00	1.13
Col17	15	0.00	1.13
Col17	16	0.00	1.13
Col17	17	0.00	1.13
Col17	18	0.00	1.13
Col17	19	0.00	1.13
Col17	20	0.00	1.13
Col17	21	0.00	1.13
Col17	22	0.00	1.13
Col17	23	0.00	1.13
Col17	24	0.00	1.13
Col17	25	0.00	1.13
Col17	26	0.00	1.13
Col17	27	0.00	1.13
Col17	28	0.00	1.13
Col17	29	0.00	1.13
Col17	30	0.00	1.13
Col17	31	0.00	1.13
Col17	32	0.00	1.13
Col17	33	0.00	1.13
Col17	34	0.00	1.13

Col17	35	0.00	1.13
Col17	36	0.00	1.13
Col17	37	0.00	1.13
Col17	38	0.00	1.13
Col17	39	0.00	1.13
Col17	40	0.00	1.13
Col17	41	0.00	1.13
Col17	42	0.00	1.13
Col17	43	0.00	1.13
Col17	44	0.00	1.13
Col17	45	0.00	1.13
Col17	46	0.00	1.13
Col17	47	0.00	1.13
Col17	48	0.00	1.13
Col18	1	0.00	1.13
Col18	2	0.00	1.13
Col18	3	0.00	1.13
Col18	4	0.00	1.13
Col18	5	0.00	1.13
Col18	6	0.00	1.13
Col18	7	0.00	1.13
Col18	8	-0.16	1.13
Col18	9	-0.16	1.13
Col18	10	0.19	1.13
Col18	11	0.19	1.13
Col18	12	0.19	1.13
Col18	13	0.19	1.13
Col18	14	0.19	1.13
Col18	15	0.19	1.13
Col18	16	0.15	1.13
Col18	17	0.15	1.13
Col18	18	0.15	1.13
Col18	19	0.15	1.13
Col18	20	0.15	1.13
Col18	21	0.15	1.13
Col18	22	0.15	1.13
Col18	23	0.15	1.13
Col18	24	0.15	1.13
Col18	25	0.15	1.13
Col18	26	0.15	1.13
Col18	27	0.15	1.13
Col18	28	-0.16	1.13
Col18	29	-0.16	1.13
Col18	30	0.19	1.13
Col18	31	0.19	1.13
Col18	32	0.19	1.13
Col18	33	0.19	1.13
Col18	34	0.19	1.13
Col18	35	0.19	1.13
Col18	36	0.00	1.13
Col18	37	0.00	1.13
Col18	38	0.00	1.13
Col18	39	0.00	1.13
Col18	40	0.00	1.13
Col18	41	0.00	1.13
Col18	42	0.00	1.13
Col18	43	0.00	1.13
Col18	44	0.00	1.13
Col18	45	0.00	1.13
Col18	46	0.00	1.13
Col18	47	0.09	1.13
Col18	48	0.09	1.13

RAFTER DEFLECTIONS:

Id	Load	Deflection (in)	
	Id	Calc	Limit
Raf1	1	0.00	1.07
Raf1	2	0.00	1.07
Raf1	3	0.00	1.07
Raf1	4	0.00	1.07
Raf1	5	0.00	1.07
Raf1	6	0.00	1.07
Raf1	7	0.00	1.07
Raf1	8	0.00	1.07
Raf1	9	0.00	1.07
Raf1	10	0.00	1.07
Raf1	11	0.00	1.07
Raf1	12	0.00	1.07
Raf1	13	0.00	1.07
Raf1	14	0.00	1.07
Raf1	15	0.00	1.07
Raf1	16	0.00	1.07
Raf1	17	0.00	1.07
Raf1	18	0.00	1.07
Raf1	19	0.00	1.07
Raf1	20	0.00	1.07
Raf1	21	0.00	1.07
Raf1	22	0.00	1.07
Raf1	23	0.00	1.07
Raf1	24	0.00	1.07
Raf1	25	0.00	1.07
Raf1	26	0.00	1.07
Raf1	27	0.00	1.07
Raf1	28	0.00	1.07
Raf1	29	0.00	1.07
Raf1	30	0.00	1.07
Raf1	31	0.00	1.07
Raf1	32	0.00	1.07
Raf1	33	0.00	1.07
Raf1	34	0.00	1.07
Raf1	35	0.00	1.07
Raf1	36	0.00	1.07
Raf1	37	0.00	1.07
Raf1	38	0.00	1.07
Raf1	39	0.00	1.07
Raf1	40	0.00	1.07
Raf1	41	0.00	1.07
Raf1	42	0.00	1.07
Raf1	43	0.00	1.07
Raf1	44	0.00	1.07
Raf1	45	0.00	1.07
Raf1	46	0.00	1.07
Raf1	47	0.00	1.07
Raf1	48	0.00	1.07
Raf2	1	0.00	1.13
Raf2	2	0.00	1.13
Raf2	3	0.00	1.13
Raf2	4	0.00	1.13
Raf2	5	0.00	1.13
Raf2	6	0.00	1.13
Raf2	7	0.00	1.13
Raf2	8	0.00	1.13
Raf2	9	0.00	1.13
Raf2	10	0.00	1.13
Raf2	11	0.00	1.13
Raf2	12	0.00	1.13
Raf2	13	0.00	1.13
Raf2	14	0.00	1.13



Raf2	15	0.00	1.13
Raf2	16	0.00	1.13
Raf2	17	0.00	1.13
Raf2	18	0.00	1.13
Raf2	19	0.00	1.13
Raf2	20	0.00	1.13
Raf2	21	0.00	1.13
Raf2	22	0.00	1.13
Raf2	23	0.00	1.13
Raf2	24	0.00	1.13
Raf2	25	0.00	1.13
Raf2	26	0.00	1.13
Raf2	27	0.00	1.13
Raf2	28	0.00	1.13
Raf2	29	0.00	1.13
Raf2	30	0.00	1.13
Raf2	31	0.00	1.13
Raf2	32	0.00	1.13
Raf2	33	0.00	1.13
Raf2	34	0.00	1.13
Raf2	35	0.00	1.13
Raf2	36	0.00	1.13
Raf2	37	0.00	1.13
Raf2	38	0.00	1.13
Raf2	39	0.00	1.13
Raf2	40	0.00	1.13
Raf2	41	0.00	1.13
Raf2	42	0.00	1.13
Raf2	43	0.00	1.13
Raf2	44	0.00	1.13
Raf2	45	0.00	1.13
Raf2	46	0.00	1.13
Raf2	47	0.00	1.13
Raf2	48	0.00	1.13
Raf3	1	0.00	1.13
Raf3	2	0.00	1.13
Raf3	3	0.00	1.13
Raf3	4	0.00	1.13
Raf3	5	0.00	1.13
Raf3	6	0.00	1.13
Raf3	7	0.00	1.13
Raf3	8	0.00	1.13
Raf3	9	0.00	1.13
Raf3	10	0.00	1.13
Raf3	11	0.00	1.13
Raf3	12	0.00	1.13
Raf3	13	0.00	1.13
Raf3	14	0.00	1.13
Raf3	15	0.00	1.13
Raf3	16	0.00	1.13
Raf3	17	0.00	1.13
Raf3	18	0.00	1.13
Raf3	19	0.00	1.13
Raf3	20	0.00	1.13
Raf3	21	0.00	1.13
Raf3	22	0.00	1.13
Raf3	23	0.00	1.13
Raf3	24	0.00	1.13
Raf3	25	0.00	1.13
Raf3	26	0.00	1.13
Raf3	27	0.00	1.13
Raf3	28	0.00	1.13
Raf3	29	0.00	1.13
Raf3	30	0.00	1.13
Raf3	31	0.00	1.13

Raf3	32	0.00	1.13
Raf3	33	0.00	1.13
Raf3	34	0.00	1.13
Raf3	35	0.00	1.13
Raf3	36	0.00	1.13
Raf3	37	0.00	1.13
Raf3	38	0.00	1.13
Raf3	39	0.00	1.13
Raf3	40	0.00	1.13
Raf3	41	0.00	1.13
Raf3	42	0.00	1.13
Raf3	43	0.00	1.13
Raf3	44	0.00	1.13
Raf3	45	0.00	1.13
Raf3	46	0.00	1.13
Raf3	47	0.00	1.13
Raf3	48	0.00	1.13
Raf4	1	0.00	1.13
Raf4	2	0.00	1.13
Raf4	3	0.00	1.13
Raf4	4	0.00	1.13
Raf4	5	0.00	1.13
Raf4	6	0.00	1.13
Raf4	7	0.00	1.13
Raf4	8	0.00	1.13
Raf4	9	0.00	1.13
Raf4	10	0.00	1.13
Raf4	11	0.00	1.13
Raf4	12	0.00	1.13
Raf4	13	0.00	1.13
Raf4	14	0.00	1.13
Raf4	15	0.00	1.13
Raf4	16	0.00	1.13
Raf4	17	0.00	1.13
Raf4	18	0.00	1.13
Raf4	19	0.00	1.13
Raf4	20	0.00	1.13
Raf4	21	0.00	1.13
Raf4	22	0.00	1.13
Raf4	23	0.00	1.13
Raf4	24	0.00	1.13
Raf4	25	0.00	1.13
Raf4	26	0.00	1.13
Raf4	27	0.00	1.13
Raf4	28	0.00	1.13
Raf4	29	0.00	1.13
Raf4	30	0.00	1.13
Raf4	31	0.00	1.13
Raf4	32	0.00	1.13
Raf4	33	0.00	1.13
Raf4	34	0.00	1.13
Raf4	35	0.00	1.13
Raf4	36	0.00	1.13
Raf4	37	0.00	1.13
Raf4	38	0.00	1.13
Raf4	39	0.00	1.13
Raf4	40	0.00	1.13
Raf4	41	0.00	1.13
Raf4	42	0.00	1.13
Raf4	43	0.00	1.13
Raf4	44	0.00	1.13
Raf4	45	0.00	1.13
Raf4	46	0.00	1.13
Raf4	47	0.00	1.13
Raf4	48	0.00	1.13

Raf5	1	0.00	1.13
Raf5	2	0.00	1.13
Raf5	3	0.00	1.13
Raf5	4	0.00	1.13
Raf5	5	0.00	1.13
Raf5	6	0.00	1.13
Raf5	7	0.00	1.13
Raf5	8	0.00	1.13
Raf5	9	0.00	1.13
Raf5	10	0.00	1.13
Raf5	11	0.00	1.13
Raf5	12	0.00	1.13
Raf5	13	0.00	1.13
Raf5	14	0.00	1.13
Raf5	15	0.00	1.13
Raf5	16	0.00	1.13
Raf5	17	0.00	1.13
Raf5	18	0.00	1.13
Raf5	19	0.00	1.13
Raf5	20	0.00	1.13
Raf5	21	0.00	1.13
Raf5	22	0.00	1.13
Raf5	23	0.00	1.13
Raf5	24	0.00	1.13
Raf5	25	0.00	1.13
Raf5	26	0.00	1.13
Raf5	27	0.00	1.13
Raf5	28	0.00	1.13
Raf5	29	0.00	1.13
Raf5	30	0.00	1.13
Raf5	31	0.00	1.13
Raf5	32	0.00	1.13
Raf5	33	0.00	1.13
Raf5	34	0.00	1.13
Raf5	35	0.00	1.13
Raf5	36	0.00	1.13
Raf5	37	0.00	1.13
Raf5	38	0.00	1.13
Raf5	39	0.00	1.13
Raf5	40	0.00	1.13
Raf5	41	0.00	1.13
Raf5	42	0.00	1.13
Raf5	43	0.00	1.13
Raf5	44	0.00	1.13
Raf5	45	0.00	1.13
Raf5	46	0.00	1.13
Raf5	47	0.00	1.13
Raf5	48	0.00	1.13
Raf6	1	0.00	1.07
Raf6	2	0.00	1.07
Raf6	3	0.00	1.07
Raf6	4	0.00	1.07
Raf6	5	0.00	1.07
Raf6	6	0.00	1.07
Raf6	7	0.00	1.07
Raf6	8	0.00	1.07
Raf6	9	0.00	1.07
Raf6	10	0.00	1.07
Raf6	11	0.00	1.07
Raf6	12	0.00	1.07
Raf6	13	0.00	1.07
Raf6	14	0.00	1.07
Raf6	15	0.00	1.07
Raf6	16	0.00	1.07
Raf6	17	0.00	1.07

Raf6	18	0.00	1.07
Raf6	19	0.00	1.07
Raf6	20	0.00	1.07
Raf6	21	0.00	1.07
Raf6	22	0.00	1.07
Raf6	23	0.00	1.07
Raf6	24	0.00	1.07
Raf6	25	0.00	1.07
Raf6	26	0.00	1.07
Raf6	27	0.00	1.07
Raf6	28	0.00	1.07
Raf6	29	0.00	1.07
Raf6	30	0.00	1.07
Raf6	31	0.00	1.07
Raf6	32	0.00	1.07
Raf6	33	0.00	1.07
Raf6	34	0.00	1.07
Raf6	35	0.00	1.07
Raf6	36	0.00	1.07
Raf6	37	0.00	1.07
Raf6	38	0.00	1.07
Raf6	39	0.00	1.07
Raf6	40	0.00	1.07
Raf6	41	0.00	1.07
Raf6	42	0.00	1.07
Raf6	43	0.00	1.07
Raf6	44	0.00	1.07
Raf6	45	0.00	1.07
Raf6	46	0.00	1.07
Raf6	47	0.00	1.07
Raf6	48	0.00	1.07

COLUMN KL/R RATIO, MOMENT REDUCTION:

Id	Major (ft)	--Minor (ft)--		----KL/R----		Available Reduction Factor	
		Bend	Axial	Major	Minor	Out	In
Col12	16.9	5.9	5.9	88	95	0.00	0.00
Col13	0.1	5.9	5.9	1	95	0.00	0.00
Col14	0.1	5.9	5.9	1	95	0.00	0.00
Col15	0.1	5.9	5.9	1	95	0.00	0.00
Col16	0.1	5.9	5.9	1	95	0.00	0.00
Col17	0.1	5.9	5.9	1	95	0.00	0.00
Col18	16.9	5.9	5.9	88	95	0.00	0.00

## GIRT LAYOUT:

Bay Id	Girt Id	Locate	Part	Design Length	Available Reduction Factor	
					Out	In
1	1	3.667	6X2C16	1.333	0.00	0.70
	2	7.333	6X2C16	1.333	0.00	0.70
	3	11.000	6X2C16	1.333	0.00	0.70
2	1	3.667	6X2C16	1.833	0.00	0.70
	2	7.333	6X2C16	1.833	0.00	0.70
	3	11.000	6X2C16	1.833	0.00	0.70
3	1	3.667	6X2C16	1.833	0.00	0.70
	2	7.333	6X2C16	1.833	0.00	0.70
	3	11.000	6X2C16	1.833	0.00	0.70
4	1	3.667	6X2C16	1.833	0.00	0.70
	2	7.333	6X2C16	1.833	0.00	0.70
	3	11.000	6X2C16	1.833	0.00	0.70
5	1	3.667	6X2C16	1.833	0.00	0.70
	2	7.333	6X2C16	1.833	0.00	0.70
	3	11.000	6X2C16	1.833	0.00	0.70
6	1	3.667	6X2C16	1.333	0.00	0.70
	2	7.333	6X2C16	1.333	0.00	0.70
	3	11.000	6X2C16	1.333	0.00	0.70

## GIRT ACTIONS:

Bay Id	Girt Id	Load	-Shear(k)-		Moment(f-k)		Max UC	Deflect(in)	
			Calc	Limit	Calc	Limit		Calc	Limit
1	1	WP	-0.02	3.32	-0.01	2.65	0.01	0.00	0.18
		WS	0.03	3.32	0.01	2.72	0.01	0.00	0.18
	3	WP	-0.03	3.32	-0.01	2.65	0.01	0.00	0.18
		WS	0.04	3.32	0.01	2.72	0.01	0.00	0.18
2	1	WP	-0.03	3.32	-0.02	2.65	0.01	0.00	0.24
		WS	0.04	3.32	0.02	2.65	0.01	0.00	0.24
	3	WP	-0.04	3.32	-0.02	2.65	0.01	0.00	0.24
		WS	0.05	3.32	0.02	2.65	0.01	0.00	0.24
3	1	WP	-0.03	3.32	-0.02	2.65	0.01	0.00	0.24
		WS	0.04	3.32	0.02	2.65	0.01	0.00	0.24
	3	WP	-0.04	3.32	-0.02	2.65	0.01	0.00	0.24
		WS	0.05	3.32	0.02	2.65	0.01	0.00	0.24
4	1	WP	-0.03	3.32	-0.02	2.65	0.01	0.00	0.24
		WS	0.04	3.32	0.02	2.65	0.01	0.00	0.24
	3	WP	-0.04	3.32	-0.02	2.65	0.01	0.00	0.24
		WS	0.05	3.32	0.02	2.65	0.01	0.00	0.24
5	1	WP	-0.03	3.32	-0.02	2.65	0.01	0.00	0.24
		WS	0.04	3.32	0.02	2.65	0.01	0.00	0.24
	3	WP	-0.04	3.32	-0.02	2.65	0.01	0.00	0.24
		WS	0.05	3.32	0.02	2.65	0.01	0.00	0.24
6	1	WP	-0.02	3.32	-0.01	2.65	0.01	0.00	0.18
		WS	0.03	3.32	0.01	2.72	0.01	0.00	0.18
	3	WP	-0.03	3.32	-0.01	2.65	0.01	0.00	0.18
		WS	0.03	3.32	0.01	2.72	0.01	0.00	0.18

WP - Wind\_Pressure

WS - Wind\_Suction

## JAMB/HEADER LAYOUT:

Bay Id	Id	Part	Length	Weight
1	JambL	PBMJ6	16.88	58.8
	JambR	PBMJ6	16.88	58.8
	Header	6X25C16	12.00	28.1
2	JambL	PBMJ6	16.88	58.8
	JambR	PBMJ6	16.88	58.8
	Header	6X25C16	12.00	28.1
3	JambL	PBMJ6	16.88	58.8
	JambR	PBMJ6	16.88	58.8
	Header	6X25C16	12.00	28.1
4	JambL	PBMJ6	16.88	58.8
	JambR	PBMJ6	16.88	58.8
	Header	6X25C16	12.00	28.1
5	JambL	PBMJ6	16.88	58.8
	JambR	PBMJ6	16.88	58.8
	Header	6X25C16	12.00	28.1
6	JambL	PBMJ6	16.88	58.8
	JambR	PBMJ6	16.88	58.8
	Header	6X25C16	12.00	28.1

## STRENGTH/DEFLECTION:

Bay Id	Id	Load	-Shear(k )-		Moment(f-k )		Max UC	Deflect(in)	
			Calc	Limit	Calc	Limit		Calc	Limit
1	JambL	WP	-0.59	5.26	-2.48	3.90	0.64	-0.37	2.25
		WS	0.68	5.26	2.86	3.90	0.73	0.43	2.25
	JambR	WP	-0.59	5.26	-2.48	3.90	0.64	-0.37	2.25
		WS	0.65	5.26	2.75	3.90	0.70	0.41	2.25
	Header	WP	-0.09	3.86	-0.26	0.98	0.26	-0.03	1.60
		WS	0.10	3.86	0.29	1.93	0.15	0.04	1.60
2	JambL	WP	-0.61	5.26	-2.57	3.90	0.66	-0.38	2.25
		WS	0.68	5.26	2.85	3.90	0.73	0.42	2.25
	JambR	WP	-0.61	5.26	-2.57	3.90	0.66	-0.38	2.25
		WS	0.68	5.26	2.85	3.90	0.73	0.42	2.25
	Header	WP	-0.09	3.86	-0.26	0.98	0.26	-0.03	1.60
		WS	0.10	3.86	0.29	1.93	0.15	0.04	1.60
3	JambL	WP	-0.61	5.26	-2.57	3.90	0.66	-0.38	2.25
		WS	0.68	5.26	2.85	3.90	0.73	0.42	2.25
	JambR	WP	-0.61	5.26	-2.57	3.90	0.66	-0.38	2.25
		WS	0.68	5.26	2.85	3.90	0.73	0.42	2.25
	Header	WP	-0.09	3.86	-0.26	0.98	0.26	-0.03	1.60
		WS	0.10	3.86	0.29	1.93	0.15	0.04	1.60
4	JambL	WP	-0.61	5.26	-2.57	3.90	0.66	-0.38	2.25
		WS	0.68	5.26	2.85	3.90	0.73	0.42	2.25
	JambR	WP	-0.61	5.26	-2.57	3.90	0.66	-0.38	2.25
		WS	0.68	5.26	2.85	3.90	0.73	0.42	2.25
	Header	WP	-0.09	3.86	-0.26	0.98	0.26	-0.03	1.60
		WS	0.10	3.86	0.29	1.93	0.15	0.04	1.60
5	JambL	WP	-0.61	5.26	-2.57	3.90	0.66	-0.38	2.25
		WS	0.68	5.26	2.85	3.90	0.73	0.42	2.25
	JambR	WP	-0.61	5.26	-2.57	3.90	0.66	-0.38	2.25
		WS	0.68	5.26	2.85	3.90	0.73	0.42	2.25
	Header	WP	-0.09	3.86	-0.26	0.98	0.26	-0.03	1.60
		WS	0.10	3.86	0.29	1.93	0.15	0.04	1.60
6	JambL	WP	-0.59	5.26	-2.48	3.90	0.64	-0.37	2.25
		WS	0.65	5.26	2.75	3.90	0.70	0.41	2.25
	JambR	WP	-0.59	5.26	-2.48	3.90	0.64	-0.37	2.25

	WS	0.68	5.26	2.86	3.90	0.73	0.43	2.25
Header	WP	-0.09	3.86	-0.26	0.98	0.26	-0.03	1.60
	WS	0.10	3.86	0.29	1.93	0.15	0.04	1.60

WP - Wind\_Pressure  
WS - Wind\_Suction

=====  
6 and 7                      Front SW - Wall Panel Design                      2/13/23    2:34pm  
=====

PANEL DATA:

Bay	Part	Type	Gage	Yield
1	CUSPANL	CP	20.00	50.0

MOMENTS & DEFLECTION:

Span Id	Locate (ft)		Load	-----Moment (ft-lb/ft)-----						Max UC	Deflect (in)	
	Start	End		Start Calc	Start Limit	Midspan Calc	Midspan Limit	End Calc	End Limit		Calc	Limit
1	0.00	3.67	WP	0.0	38.1	-12.2	49.1	19.2	38.1	0.50	-0.10	0.73
			WS	0.0	38.1	16.2	38.1	-25.5	49.1	0.52	0.13	0.73
2	3.67	7.33	WP	19.2	38.1	-8.6	49.1	6.0	38.1	0.50	-0.06	0.73
			WS	-25.5	49.1	11.5	38.1	-8.0	49.1	0.52	0.08	0.73
3	7.33	11.00	WP	6.0	38.1	-1.3	49.1	39.5	38.1	1.04	0.07	0.73
			WS	-8.0	49.1	1.8	38.1	-52.6	49.1	1.07	-0.09	0.73
4	11.00	16.88	WP	39.5	38.1	-35.2	49.1	0.0	38.1	1.04	-0.81	1.17
			WS	-52.6	49.1	46.8	38.1	0.0	38.1	1.23	1.08	1.17

WP - Wind\_Pressure  
WS - Wind\_Suction

\*WRN (PWM-203) Moment > Limit

PANEL:

Part	Thick (in)	Yield (ksi )	Tensile Strength (ksi )
CUSPANL	0.038	50.00	65.00

GIRT SCREWS:

Part	Dia (in)	Washer (in)	Limit (k )
#29	0.21	0.50	2.90

PANEL ZONE LAYOUT:

Zone Id	Description	---Wall (ft)---		Bay Id	--Girt (ft, ft, in)--			Panel Span (ft)
		Offset1	Offset2		Locate	Width	Min Thick	
1	Interior	5.00	95.00	1	11.00	4.77	0.059	5.88
2	Lt Edge	0.00	5.00	1	11.00	4.77	0.059	5.88
3	Rt Edge	95.00	100.00	6	11.00	4.77	0.059	5.88

GIRT SCREW CHECK:

Zone Id	Screw Space	Wind Suction (psf )	Load (k )	-----Limit (k )-----			Max UC
				Girt Pullout	Panel Pullover	Screw Tension	
1	1.00	16.38	0.08	0.22	0.61	0.77	0.36
2	1.00	16.38	0.08	0.22	0.61	0.77	0.36
3	1.00	16.38	0.08	0.22	0.61	0.77	0.36



WALL LAYOUT:

Wall Id	Orn	Load Width
3	T	8.00

MEMBER LAYOUT:

Id	Locate (ft)	Part	---Web (in)--- Depth	---Flange (in)--- Thick	Width	Thick	Length (ft)	Weight (lb)	----Max_Load---- Id	UC	Report
Col20	5.0	6X2C16	6.00	16ga	2.00	16ga	16.7	36.6	10	0.81	Deflect
Col21	10.0	6X2C16	6.00	16ga	2.00	16ga	16.5	36.1	10	0.75	Deflect
Col22	15.0	6X2C16	6.00	16ga	2.00	16ga	16.3	35.7	10	0.72	Deflect
Col23	20.0	6X2C16	6.00	16ga	2.00	16ga	16.1	35.2	10	0.70	Deflect
Col24	25.0	6X2C16	6.00	16ga	2.00	16ga	15.9	34.8	10	0.67	Deflect
Col25	30.0	6X2C16	6.00	16ga	2.00	16ga	15.7	34.3	10	0.64	Deflect
Col26	35.0	6X2C16	6.00	16ga	2.00	16ga	15.5	33.9	15	0.62	Mom+Axl
Col27	40.0	6X2C16	6.00	16ga	2.00	16ga	15.3	33.4	15	0.60	Mom+Axl
Col28	45.0	6X2C16	6.00	16ga	2.00	16ga	15.0	32.9	15	0.61	Mom+Axl
Total=								312.9			

DESIGN ACTIONS/STRENGTH:

Id	Load Id	-Axial(k)-		-Shear(k)-		Moment(f-k)		-----Unity_Check-----			
		Calc	Limit	Calc	Limit	Calc	Limit	Axial	Shear	Moment	Shear+
Col20	1	0.95	7.67	0.00	3.32	0.00	2.65	0.12	0.00	0.12	0.00
Col20	2	0.15	7.67	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col20	3	0.68	7.67	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col20	4	0.68	7.67	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col20	5	0.75	7.67	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col20	6	0.55	7.67	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col20	7	0.55	7.67	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col20	8	-0.42	21.18	0.42	3.32	-1.74	2.65	0.02	0.13	0.64	0.00
Col20	9	-0.19	21.18	0.42	3.32	-1.74	2.65	0.01	0.13	0.65	0.00
Col20	10	-0.42	21.18	-0.47	3.32	1.98	2.65	0.02	0.14	0.73	0.00
Col20	11	-0.19	21.18	-0.47	3.32	1.98	2.65	0.01	0.14	0.74	0.00
Col20	12	-0.42	21.18	-0.47	3.32	1.98	2.65	0.02	0.14	0.73	0.00
Col20	13	-0.19	21.18	-0.47	3.32	1.98	2.65	0.01	0.14	0.74	0.00
Col20	14	-0.26	21.18	-0.47	3.32	1.98	2.65	0.01	0.14	0.74	0.00
Col20	15	-0.02	21.18	-0.47	3.32	1.98	2.65	0.00	0.14	0.75	0.00
Col20	16	0.46	7.67	-0.36	3.32	1.49	2.65	0.06	0.11	0.62	0.00
Col20	17	0.63	7.67	-0.36	3.32	1.49	2.65	0.08	0.11	0.64	0.00
Col20	18	0.33	7.67	-0.36	3.32	1.49	2.65	0.04	0.11	0.61	0.00
Col20	19	0.51	7.67	-0.36	3.32	1.49	2.65	0.07	0.11	0.63	0.00
Col20	20	0.26	7.67	-0.36	3.32	1.49	2.65	0.03	0.11	0.60	0.00
Col20	21	0.43	7.67	-0.36	3.32	1.49	2.65	0.06	0.11	0.62	0.00
Col20	22	0.14	7.67	-0.36	3.32	1.49	2.65	0.02	0.11	0.58	0.00
Col20	23	0.31	7.67	-0.36	3.32	1.49	2.65	0.04	0.11	0.60	0.00
Col20	24	0.26	7.67	-0.36	3.32	1.49	2.65	0.03	0.11	0.60	0.00
Col20	25	0.43	7.67	-0.36	3.32	1.49	2.65	0.06	0.11	0.62	0.00
Col20	26	0.14	7.67	-0.36	3.32	1.49	2.65	0.02	0.11	0.58	0.00
Col20	27	0.31	7.67	-0.36	3.32	1.49	2.65	0.04	0.11	0.60	0.00
Col20	28	-0.45	21.18	0.42	3.32	-1.74	2.65	0.02	0.13	0.64	0.00
Col20	29	-0.22	21.18	0.42	3.32	-1.74	2.65	0.01	0.13	0.65	0.00
Col20	30	-0.45	21.18	-0.47	3.32	1.98	2.65	0.02	0.14	0.73	0.00
Col20	31	-0.22	21.18	-0.47	3.32	1.98	2.65	0.01	0.14	0.74	0.00
Col20	32	-0.45	21.18	-0.47	3.32	1.98	2.65	0.02	0.14	0.73	0.00

Col120	33	-0.22	21.18	-0.47	3.32	1.98	2.65	0.01	0.14	0.74	0.00
Col120	34	-0.29	21.18	-0.47	3.32	1.98	2.65	0.01	0.14	0.74	0.00
Col120	35	-0.06	21.18	-0.47	3.32	1.98	2.65	0.00	0.14	0.75	0.00
Col120	36	0.15	7.67	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col120	37	0.15	7.67	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col120	38	0.75	7.67	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col120	39	0.75	7.67	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col120	40	0.55	7.67	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col120	41	0.55	7.67	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col120	42	0.55	7.67	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col120	43	0.55	7.67	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col120	44	0.09	7.67	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col120	45	0.09	7.67	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col120	46	0.79	7.67	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col120	47	0.34	7.67	-0.36	3.32	1.49	2.65	0.04	0.11	0.61	0.00
Col120	48	0.51	7.67	-0.36	3.32	1.49	2.65	0.07	0.11	0.63	0.00
Col120	49	0.15	7.67	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col120	50	0.15	7.67	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col120	51	0.09	7.67	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col120	52	0.09	7.67	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col121	1	0.95	7.76	0.00	3.32	0.00	2.65	0.12	0.00	0.12	0.00
Col121	2	0.15	7.76	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col121	3	0.68	7.76	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col121	4	0.68	7.76	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col121	5	0.75	7.76	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col121	6	0.55	7.76	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col121	7	0.55	7.76	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col121	8	-0.42	21.18	0.41	3.32	-1.69	2.65	0.02	0.12	0.62	0.00
Col121	9	-0.19	21.18	0.41	3.32	-1.69	2.65	0.01	0.12	0.63	0.00
Col121	10	-0.42	21.18	-0.45	3.32	1.87	2.65	0.02	0.14	0.69	0.00
Col121	11	-0.19	21.18	-0.45	3.32	1.87	2.65	0.01	0.14	0.70	0.00
Col121	12	-0.42	21.18	-0.45	3.32	1.87	2.65	0.02	0.14	0.69	0.00
Col121	13	-0.19	21.18	-0.45	3.32	1.87	2.65	0.01	0.14	0.70	0.00
Col121	14	-0.26	21.18	-0.45	3.32	1.87	2.65	0.01	0.14	0.69	0.00
Col121	15	-0.03	21.18	-0.45	3.32	1.87	2.65	0.00	0.14	0.70	0.00
Col121	16	0.46	7.76	-0.34	3.32	1.40	2.65	0.06	0.10	0.59	0.00
Col121	17	0.63	7.76	-0.34	3.32	1.40	2.65	0.08	0.10	0.61	0.00
Col121	18	0.33	7.76	-0.34	3.32	1.40	2.65	0.04	0.10	0.57	0.00
Col121	19	0.51	7.76	-0.34	3.32	1.40	2.65	0.07	0.10	0.60	0.00
Col121	20	0.26	7.76	-0.34	3.32	1.40	2.65	0.03	0.10	0.56	0.00
Col121	21	0.43	7.76	-0.34	3.32	1.40	2.65	0.06	0.10	0.59	0.00
Col121	22	0.14	7.76	-0.34	3.32	1.40	2.65	0.02	0.10	0.55	0.00
Col121	23	0.31	7.76	-0.34	3.32	1.40	2.65	0.04	0.10	0.57	0.00
Col121	24	0.26	7.76	-0.34	3.32	1.40	2.65	0.03	0.10	0.56	0.00
Col121	25	0.43	7.76	-0.34	3.32	1.40	2.65	0.06	0.10	0.59	0.00
Col121	26	0.14	7.76	-0.34	3.32	1.40	2.65	0.02	0.10	0.55	0.00
Col121	27	0.31	7.76	-0.34	3.32	1.40	2.65	0.04	0.10	0.57	0.00
Col121	28	-0.45	21.18	0.41	3.32	-1.69	2.65	0.02	0.12	0.62	0.00
Col121	29	-0.22	21.18	0.41	3.32	-1.69	2.65	0.01	0.12	0.63	0.00
Col121	30	-0.45	21.18	-0.45	3.32	1.87	2.65	0.02	0.14	0.68	0.00
Col121	31	-0.22	21.18	-0.45	3.32	1.87	2.65	0.01	0.14	0.70	0.00
Col121	32	-0.45	21.18	-0.45	3.32	1.87	2.65	0.02	0.14	0.68	0.00
Col121	33	-0.22	21.18	-0.45	3.32	1.87	2.65	0.01	0.14	0.70	0.00
Col121	34	-0.29	21.18	-0.45	3.32	1.87	2.65	0.01	0.14	0.69	0.00
Col121	35	-0.06	21.18	-0.45	3.32	1.87	2.65	0.00	0.14	0.70	0.00
Col121	36	0.15	7.76	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col121	37	0.15	7.76	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col121	38	0.75	7.76	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col121	39	0.75	7.76	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col121	40	0.55	7.76	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col121	41	0.55	7.76	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col121	42	0.55	7.76	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col121	43	0.55	7.76	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col121	44	0.09	7.76	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col121	45	0.09	7.76	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00

Col121	46	0.79	7.76	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col121	47	0.34	7.76	-0.34	3.32	1.40	2.65	0.04	0.10	0.57	0.00
Col121	48	0.51	7.76	-0.34	3.32	1.40	2.65	0.07	0.10	0.60	0.00
Col121	49	0.15	7.76	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col121	50	0.15	7.76	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col121	51	0.09	7.76	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col121	52	0.09	7.76	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col122	1	0.94	7.85	0.00	3.32	0.00	2.65	0.12	0.00	0.12	0.00
Col122	2	0.14	7.85	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col122	3	0.68	7.85	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col122	4	0.68	7.85	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col122	5	0.74	7.85	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col122	6	0.55	7.85	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col122	7	0.55	7.85	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col122	8	-0.42	21.18	0.41	3.32	-1.65	2.65	0.02	0.12	0.60	0.00
Col122	9	-0.19	21.18	0.41	3.32	-1.65	2.65	0.01	0.12	0.62	0.00
Col122	10	-0.42	21.18	-0.45	3.32	1.82	2.65	0.02	0.13	0.67	0.00
Col122	11	-0.19	21.18	-0.45	3.32	1.82	2.65	0.01	0.13	0.68	0.00
Col122	12	-0.42	21.18	-0.45	3.32	1.82	2.65	0.02	0.13	0.67	0.00
Col122	13	-0.19	21.18	-0.45	3.32	1.82	2.65	0.01	0.13	0.68	0.00
Col122	14	-0.26	21.18	-0.45	3.32	1.82	2.65	0.01	0.13	0.68	0.00
Col122	15	-0.03	21.18	-0.45	3.32	1.82	2.65	0.00	0.13	0.69	0.00
Col122	16	0.46	7.85	-0.34	3.32	1.37	2.65	0.06	0.10	0.57	0.00
Col122	17	0.63	7.85	-0.34	3.32	1.37	2.65	0.08	0.10	0.60	0.00
Col122	18	0.33	7.85	-0.34	3.32	1.37	2.65	0.04	0.10	0.56	0.00
Col122	19	0.51	7.85	-0.34	3.32	1.37	2.65	0.06	0.10	0.58	0.00
Col122	20	0.26	7.85	-0.34	3.32	1.37	2.65	0.03	0.10	0.55	0.00
Col122	21	0.43	7.85	-0.34	3.32	1.37	2.65	0.06	0.10	0.57	0.00
Col122	22	0.14	7.85	-0.34	3.32	1.37	2.65	0.02	0.10	0.53	0.00
Col122	23	0.31	7.85	-0.34	3.32	1.37	2.65	0.04	0.10	0.56	0.00
Col122	24	0.26	7.85	-0.34	3.32	1.37	2.65	0.03	0.10	0.55	0.00
Col122	25	0.43	7.85	-0.34	3.32	1.37	2.65	0.06	0.10	0.57	0.00
Col122	26	0.14	7.85	-0.34	3.32	1.37	2.65	0.02	0.10	0.53	0.00
Col122	27	0.31	7.85	-0.34	3.32	1.37	2.65	0.04	0.10	0.56	0.00
Col122	28	-0.46	21.18	0.41	3.32	-1.65	2.65	0.02	0.12	0.60	0.00
Col122	29	-0.22	21.18	0.41	3.32	-1.65	2.65	0.01	0.12	0.61	0.00
Col122	30	-0.46	21.18	-0.45	3.32	1.82	2.65	0.02	0.13	0.67	0.00
Col122	31	-0.22	21.18	-0.45	3.32	1.82	2.65	0.01	0.13	0.68	0.00
Col122	32	-0.46	21.18	-0.45	3.32	1.82	2.65	0.02	0.13	0.67	0.00
Col122	33	-0.22	21.18	-0.45	3.32	1.82	2.65	0.01	0.13	0.68	0.00
Col122	34	-0.29	21.18	-0.45	3.32	1.82	2.65	0.01	0.13	0.67	0.00
Col122	35	-0.06	21.18	-0.45	3.32	1.82	2.65	0.00	0.13	0.69	0.00
Col122	36	0.15	7.85	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col122	37	0.15	7.85	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col122	38	0.75	7.85	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col122	39	0.75	7.85	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col122	40	0.55	7.85	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col122	41	0.55	7.85	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col122	42	0.55	7.85	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col122	43	0.55	7.85	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col122	44	0.09	7.85	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col122	45	0.09	7.85	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col122	46	0.79	7.85	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col122	47	0.34	7.85	-0.34	3.32	1.37	2.65	0.04	0.10	0.56	0.00
Col122	48	0.51	7.85	-0.34	3.32	1.37	2.65	0.07	0.10	0.58	0.00
Col122	49	0.14	7.85	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col122	50	0.15	7.85	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col122	51	0.09	7.85	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col122	52	0.09	7.85	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col123	1	0.94	7.94	0.00	3.32	0.00	2.65	0.12	0.00	0.12	0.00
Col123	2	0.14	7.94	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col123	3	0.68	7.94	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col123	4	0.68	7.94	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col123	5	0.74	7.94	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col123	6	0.55	7.94	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00

Col23	7	0.55	7.94	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col23	8	-0.42	21.18	0.40	3.32	-1.61	2.65	0.02	0.12	0.59	0.00
Col23	9	-0.19	21.18	0.40	3.32	-1.61	2.65	0.01	0.12	0.60	0.00
Col23	10	-0.42	21.18	-0.44	3.32	1.78	2.65	0.02	0.13	0.65	0.00
Col23	11	-0.19	21.18	-0.44	3.32	1.78	2.65	0.01	0.13	0.66	0.00
Col23	12	-0.42	21.18	-0.44	3.32	1.78	2.65	0.02	0.13	0.65	0.00
Col23	13	-0.19	21.18	-0.44	3.32	1.78	2.65	0.01	0.13	0.66	0.00
Col23	14	-0.26	21.18	-0.44	3.32	1.78	2.65	0.01	0.13	0.66	0.00
Col23	15	-0.03	21.18	-0.44	3.32	1.78	2.65	0.00	0.13	0.67	0.00
Col23	16	0.46	7.94	-0.33	3.32	1.33	2.65	0.06	0.10	0.56	0.00
Col23	17	0.63	7.94	-0.33	3.32	1.33	2.65	0.08	0.10	0.58	0.00
Col23	18	0.33	7.94	-0.33	3.32	1.33	2.65	0.04	0.10	0.55	0.00
Col23	19	0.51	7.94	-0.33	3.32	1.33	2.65	0.06	0.10	0.57	0.00
Col23	20	0.26	7.94	-0.33	3.32	1.33	2.65	0.03	0.10	0.54	0.00
Col23	21	0.43	7.94	-0.33	3.32	1.33	2.65	0.05	0.10	0.56	0.00
Col23	22	0.14	7.94	-0.33	3.32	1.33	2.65	0.02	0.10	0.52	0.00
Col23	23	0.31	7.94	-0.33	3.32	1.33	2.65	0.04	0.10	0.54	0.00
Col23	24	0.26	7.94	-0.33	3.32	1.33	2.65	0.03	0.10	0.54	0.00
Col23	25	0.43	7.94	-0.33	3.32	1.33	2.65	0.05	0.10	0.56	0.00
Col23	26	0.14	7.94	-0.33	3.32	1.33	2.65	0.02	0.10	0.52	0.00
Col23	27	0.31	7.94	-0.33	3.32	1.33	2.65	0.04	0.10	0.54	0.00
Col23	28	-0.46	21.18	0.40	3.32	-1.61	2.65	0.02	0.12	0.59	0.00
Col23	29	-0.22	21.18	0.40	3.32	-1.61	2.65	0.01	0.12	0.60	0.00
Col23	30	-0.46	21.18	-0.44	3.32	1.78	2.65	0.02	0.13	0.65	0.00
Col23	31	-0.22	21.18	-0.44	3.32	1.78	2.65	0.01	0.13	0.66	0.00
Col23	32	-0.46	21.18	-0.44	3.32	1.78	2.65	0.02	0.13	0.65	0.00
Col23	33	-0.22	21.18	-0.44	3.32	1.78	2.65	0.01	0.13	0.66	0.00
Col23	34	-0.29	21.18	-0.44	3.32	1.78	2.65	0.01	0.13	0.66	0.00
Col23	35	-0.06	21.18	-0.44	3.32	1.78	2.65	0.00	0.13	0.67	0.00
Col23	36	0.15	7.94	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col23	37	0.15	7.94	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col23	38	0.75	7.94	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col23	39	0.75	7.94	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col23	40	0.55	7.94	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col23	41	0.55	7.94	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col23	42	0.55	7.94	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col23	43	0.55	7.94	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col23	44	0.09	7.94	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col23	45	0.09	7.94	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col23	46	0.79	7.94	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col23	47	0.34	7.94	-0.33	3.32	1.33	2.65	0.04	0.10	0.55	0.00
Col23	48	0.51	7.94	-0.33	3.32	1.33	2.65	0.06	0.10	0.57	0.00
Col23	49	0.14	7.94	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col23	50	0.14	7.94	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col23	51	0.09	7.94	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col23	52	0.09	7.94	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col24	1	0.94	8.03	0.00	3.32	0.00	2.65	0.12	0.00	0.12	0.00
Col24	2	0.14	8.03	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col24	3	0.68	8.03	0.00	3.32	0.00	2.65	0.08	0.00	0.08	0.00
Col24	4	0.68	8.03	0.00	3.32	0.00	2.65	0.08	0.00	0.08	0.00
Col24	5	0.74	8.03	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col24	6	0.55	8.03	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col24	7	0.55	8.03	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col24	8	-0.42	21.18	0.40	3.32	-1.57	2.65	0.02	0.12	0.57	0.00
Col24	9	-0.19	21.18	0.40	3.32	-1.57	2.65	0.01	0.12	0.58	0.00
Col24	10	-0.42	21.18	-0.44	3.32	1.73	2.65	0.02	0.13	0.63	0.00
Col24	11	-0.19	21.18	-0.44	3.32	1.73	2.65	0.01	0.13	0.64	0.00
Col24	12	-0.42	21.18	-0.44	3.32	1.73	2.65	0.02	0.13	0.63	0.00
Col24	13	-0.19	21.18	-0.44	3.32	1.73	2.65	0.01	0.13	0.64	0.00
Col24	14	-0.26	21.18	-0.44	3.32	1.73	2.65	0.01	0.13	0.64	0.00
Col24	15	-0.03	21.18	-0.44	3.32	1.73	2.65	0.00	0.13	0.65	0.00
Col24	16	0.46	8.03	-0.33	3.32	1.30	2.65	0.06	0.10	0.55	0.00
Col24	17	0.63	8.03	-0.33	3.32	1.30	2.65	0.08	0.10	0.57	0.00
Col24	18	0.33	8.03	-0.33	3.32	1.30	2.65	0.04	0.10	0.53	0.00
Col24	19	0.51	8.03	-0.33	3.32	1.30	2.65	0.06	0.10	0.55	0.00

Col24	20	0.26	8.03	-0.33	3.32	1.30	2.65	0.03	0.10	0.52	0.00
Col24	21	0.43	8.03	-0.33	3.32	1.30	2.65	0.05	0.10	0.54	0.00
Col24	22	0.13	8.03	-0.33	3.32	1.30	2.65	0.02	0.10	0.51	0.00
Col24	23	0.31	8.03	-0.33	3.32	1.30	2.65	0.04	0.10	0.53	0.00
Col24	24	0.26	8.03	-0.33	3.32	1.30	2.65	0.03	0.10	0.52	0.00
Col24	25	0.43	8.03	-0.33	3.32	1.30	2.65	0.05	0.10	0.54	0.00
Col24	26	0.13	8.03	-0.33	3.32	1.30	2.65	0.02	0.10	0.51	0.00
Col24	27	0.31	8.03	-0.33	3.32	1.30	2.65	0.04	0.10	0.53	0.00
Col24	28	-0.46	21.18	0.40	3.32	-1.57	2.65	0.02	0.12	0.57	0.00
Col24	29	-0.22	21.18	0.40	3.32	-1.57	2.65	0.01	0.12	0.58	0.00
Col24	30	-0.46	21.18	-0.44	3.32	1.73	2.65	0.02	0.13	0.63	0.00
Col24	31	-0.22	21.18	-0.44	3.32	1.73	2.65	0.01	0.13	0.64	0.00
Col24	32	-0.46	21.18	-0.44	3.32	1.73	2.65	0.02	0.13	0.63	0.00
Col24	33	-0.22	21.18	-0.44	3.32	1.73	2.65	0.01	0.13	0.64	0.00
Col24	34	-0.29	21.18	-0.44	3.32	1.73	2.65	0.01	0.13	0.64	0.00
Col24	35	-0.06	21.18	-0.44	3.32	1.73	2.65	0.00	0.13	0.65	0.00
Col24	36	0.15	8.03	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col24	37	0.15	8.03	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col24	38	0.75	8.03	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col24	39	0.75	8.03	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col24	40	0.55	8.03	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col24	41	0.55	8.03	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col24	42	0.55	8.03	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col24	43	0.55	8.03	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col24	44	0.09	8.03	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col24	45	0.09	8.03	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col24	46	0.78	8.03	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col24	47	0.34	8.03	-0.33	3.32	1.30	2.65	0.04	0.10	0.53	0.00
Col24	48	0.51	8.03	-0.33	3.32	1.30	2.65	0.06	0.10	0.55	0.00
Col24	49	0.14	8.03	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col24	50	0.14	8.03	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col24	51	0.09	8.03	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col24	52	0.09	8.03	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col25	1	0.94	8.12	0.00	3.32	0.00	2.65	0.12	0.00	0.12	0.00
Col25	2	0.14	8.12	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col25	3	0.68	8.12	0.00	3.32	0.00	2.65	0.08	0.00	0.08	0.00
Col25	4	0.68	8.12	0.00	3.32	0.00	2.65	0.08	0.00	0.08	0.00
Col25	5	0.74	8.12	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col25	6	0.55	8.12	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col25	7	0.55	8.12	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col25	8	-0.42	21.18	0.39	3.32	-1.53	2.65	0.02	0.12	0.56	0.00
Col25	9	-0.19	21.18	0.39	3.32	-1.53	2.65	0.01	0.12	0.57	0.00
Col25	10	-0.42	21.18	-0.43	3.32	1.68	2.65	0.02	0.13	0.62	0.00
Col25	11	-0.19	21.18	-0.43	3.32	1.68	2.65	0.01	0.13	0.63	0.00
Col25	12	-0.42	21.18	-0.43	3.32	1.68	2.65	0.02	0.13	0.62	0.00
Col25	13	-0.19	21.18	-0.43	3.32	1.68	2.65	0.01	0.13	0.63	0.00
Col25	14	-0.26	21.18	-0.43	3.32	1.68	2.65	0.01	0.13	0.62	0.00
Col25	15	-0.03	21.18	-0.43	3.32	1.68	2.65	0.00	0.13	0.64	0.00
Col25	16	0.46	8.12	-0.32	3.32	1.26	2.65	0.06	0.10	0.53	0.00
Col25	17	0.63	8.12	-0.32	3.32	1.26	2.65	0.08	0.10	0.56	0.00
Col25	18	0.33	8.12	-0.32	3.32	1.26	2.65	0.04	0.10	0.52	0.00
Col25	19	0.51	8.12	-0.32	3.32	1.26	2.65	0.06	0.10	0.54	0.00
Col25	20	0.26	8.12	-0.32	3.32	1.26	2.65	0.03	0.10	0.51	0.00
Col25	21	0.43	8.12	-0.32	3.32	1.26	2.65	0.05	0.10	0.53	0.00
Col25	22	0.13	8.12	-0.32	3.32	1.26	2.65	0.02	0.10	0.49	0.00
Col25	23	0.31	8.12	-0.32	3.32	1.26	2.65	0.04	0.10	0.52	0.00
Col25	24	0.26	8.12	-0.32	3.32	1.26	2.65	0.03	0.10	0.51	0.00
Col25	25	0.43	8.12	-0.32	3.32	1.26	2.65	0.05	0.10	0.53	0.00
Col25	26	0.13	8.12	-0.32	3.32	1.26	2.65	0.02	0.10	0.49	0.00
Col25	27	0.31	8.12	-0.32	3.32	1.26	2.65	0.04	0.10	0.52	0.00
Col25	28	-0.46	21.18	0.39	3.32	-1.53	2.65	0.02	0.12	0.56	0.00
Col25	29	-0.22	21.18	0.39	3.32	-1.53	2.65	0.01	0.12	0.57	0.00
Col25	30	-0.46	21.18	-0.43	3.32	1.68	2.65	0.02	0.13	0.61	0.00
Col25	31	-0.22	21.18	-0.43	3.32	1.68	2.65	0.01	0.13	0.63	0.00
Col25	32	-0.46	21.18	-0.43	3.32	1.68	2.65	0.02	0.13	0.61	0.00

Col25	33	-0.22	21.18	-0.43	3.32	1.68	2.65	0.01	0.13	0.63	0.00
Col25	34	-0.29	21.18	-0.43	3.32	1.68	2.65	0.01	0.13	0.62	0.00
Col25	35	-0.06	21.18	-0.43	3.32	1.68	2.65	0.00	0.13	0.63	0.00
Col25	36	0.15	8.12	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col25	37	0.15	8.12	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col25	38	0.75	8.12	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col25	39	0.75	8.12	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col25	40	0.55	8.12	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col25	41	0.55	8.12	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col25	42	0.55	8.12	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col25	43	0.55	8.12	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col25	44	0.09	8.12	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col25	45	0.09	8.12	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col25	46	0.78	8.12	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col25	47	0.34	8.12	-0.32	3.32	1.26	2.65	0.04	0.10	0.52	0.00
Col25	48	0.51	8.12	-0.32	3.32	1.26	2.65	0.06	0.10	0.54	0.00
Col25	49	0.14	8.12	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col25	50	0.14	8.12	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col25	51	0.09	8.12	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col25	52	0.09	8.12	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col26	1	0.94	8.20	0.00	3.32	0.00	2.65	0.11	0.00	0.11	0.00
Col26	2	0.14	8.20	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col26	3	0.68	8.20	0.00	3.32	0.00	2.65	0.08	0.00	0.08	0.00
Col26	4	0.68	8.20	0.00	3.32	0.00	2.65	0.08	0.00	0.08	0.00
Col26	5	0.74	8.20	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col26	6	0.55	8.20	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col26	7	0.55	8.20	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col26	8	-0.43	21.18	0.38	3.32	-1.49	2.65	0.02	0.12	0.54	0.00
Col26	9	-0.19	21.18	0.38	3.32	-1.49	2.65	0.01	0.12	0.55	0.00
Col26	10	-0.43	21.18	-0.42	3.32	1.64	2.65	0.02	0.13	0.60	0.00
Col26	11	-0.19	21.18	-0.42	3.32	1.64	2.65	0.01	0.13	0.61	0.00
Col26	12	-0.43	21.18	-0.42	3.32	1.64	2.65	0.02	0.13	0.60	0.00
Col26	13	-0.19	21.18	-0.42	3.32	1.64	2.65	0.01	0.13	0.61	0.00
Col26	14	-0.26	21.18	-0.42	3.32	1.64	2.65	0.01	0.13	0.61	0.00
Col26	15	-0.03	21.18	-0.42	3.32	1.64	2.65	0.00	0.13	0.62	0.00
Col26	16	0.46	8.20	-0.32	3.32	1.23	2.65	0.06	0.10	0.52	0.00
Col26	17	0.63	8.20	-0.32	3.32	1.23	2.65	0.08	0.10	0.54	0.00
Col26	18	0.33	8.20	-0.32	3.32	1.23	2.65	0.04	0.10	0.51	0.00
Col26	19	0.51	8.20	-0.32	3.32	1.23	2.65	0.06	0.10	0.53	0.00
Col26	20	0.26	8.20	-0.32	3.32	1.23	2.65	0.03	0.10	0.50	0.00
Col26	21	0.43	8.20	-0.32	3.32	1.23	2.65	0.05	0.10	0.52	0.00
Col26	22	0.13	8.20	-0.32	3.32	1.23	2.65	0.02	0.10	0.48	0.00
Col26	23	0.31	8.20	-0.32	3.32	1.23	2.65	0.04	0.10	0.50	0.00
Col26	24	0.26	8.20	-0.32	3.32	1.23	2.65	0.03	0.10	0.50	0.00
Col26	25	0.43	8.20	-0.32	3.32	1.23	2.65	0.05	0.10	0.52	0.00
Col26	26	0.13	8.20	-0.32	3.32	1.23	2.65	0.02	0.10	0.48	0.00
Col26	27	0.31	8.20	-0.32	3.32	1.23	2.65	0.04	0.10	0.50	0.00
Col26	28	-0.46	21.18	0.38	3.32	-1.49	2.65	0.02	0.12	0.54	0.00
Col26	29	-0.22	21.18	0.38	3.32	-1.49	2.65	0.01	0.12	0.55	0.00
Col26	30	-0.46	21.18	-0.42	3.32	1.64	2.65	0.02	0.13	0.60	0.00
Col26	31	-0.22	21.18	-0.42	3.32	1.64	2.65	0.01	0.13	0.61	0.00
Col26	32	-0.46	21.18	-0.42	3.32	1.64	2.65	0.02	0.13	0.60	0.00
Col26	33	-0.22	21.18	-0.42	3.32	1.64	2.65	0.01	0.13	0.61	0.00
Col26	34	-0.29	21.18	-0.42	3.32	1.64	2.65	0.01	0.13	0.61	0.00
Col26	35	-0.06	21.18	-0.42	3.32	1.64	2.65	0.00	0.13	0.62	0.00
Col26	36	0.15	8.20	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col26	37	0.15	8.20	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col26	38	0.75	8.20	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col26	39	0.75	8.20	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col26	40	0.55	8.20	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col26	41	0.55	8.20	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col26	42	0.55	8.20	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col26	43	0.55	8.20	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col26	44	0.09	8.20	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col26	45	0.09	8.20	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00



Col26	46	0.78	8.20	0.00	3.32	0.00	2.65	0.10	0.00	0.10	0.00
Col26	47	0.34	8.20	-0.32	3.32	1.23	2.65	0.04	0.10	0.51	0.00
Col26	48	0.51	8.20	-0.32	3.32	1.23	2.65	0.06	0.10	0.53	0.00
Col26	49	0.14	8.20	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col26	50	0.14	8.20	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col26	51	0.09	8.20	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col26	52	0.09	8.20	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col27	1	0.94	8.29	0.00	3.32	0.00	2.65	0.11	0.00	0.11	0.00
Col27	2	0.14	8.29	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col27	3	0.68	8.29	0.00	3.32	0.00	2.65	0.08	0.00	0.08	0.00
Col27	4	0.68	8.29	0.00	3.32	0.00	2.65	0.08	0.00	0.08	0.00
Col27	5	0.74	8.29	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col27	6	0.54	8.29	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col27	7	0.54	8.29	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col27	8	-0.43	21.18	0.38	3.32	-1.45	2.65	0.02	0.11	0.53	0.00
Col27	9	-0.19	21.18	0.38	3.32	-1.45	2.65	0.01	0.11	0.54	0.00
Col27	10	-0.43	21.18	-0.42	3.32	1.60	2.65	0.02	0.13	0.58	0.00
Col27	11	-0.19	21.18	-0.42	3.32	1.60	2.65	0.01	0.13	0.59	0.00
Col27	12	-0.43	21.18	-0.42	3.32	1.60	2.65	0.02	0.13	0.58	0.00
Col27	13	-0.19	21.18	-0.42	3.32	1.60	2.65	0.01	0.13	0.59	0.00
Col27	14	-0.26	21.18	-0.42	3.32	1.60	2.65	0.01	0.13	0.59	0.00
Col27	15	-0.03	21.18	-0.42	3.32	1.60	2.65	0.00	0.13	0.60	0.00
Col27	16	0.45	8.29	-0.31	3.32	1.20	2.65	0.05	0.09	0.51	0.00
Col27	17	0.63	8.29	-0.31	3.32	1.20	2.65	0.08	0.09	0.53	0.00
Col27	18	0.33	8.29	-0.31	3.32	1.20	2.65	0.04	0.09	0.49	0.00
Col27	19	0.51	8.29	-0.31	3.32	1.20	2.65	0.06	0.09	0.51	0.00
Col27	20	0.26	8.29	-0.31	3.32	1.20	2.65	0.03	0.09	0.48	0.00
Col27	21	0.43	8.29	-0.31	3.32	1.20	2.65	0.05	0.09	0.50	0.00
Col27	22	0.13	8.29	-0.31	3.32	1.20	2.65	0.02	0.09	0.47	0.00
Col27	23	0.31	8.29	-0.31	3.32	1.20	2.65	0.04	0.09	0.49	0.00
Col27	24	0.26	8.29	-0.31	3.32	1.20	2.65	0.03	0.09	0.48	0.00
Col27	25	0.43	8.29	-0.31	3.32	1.20	2.65	0.05	0.09	0.50	0.00
Col27	26	0.13	8.29	-0.31	3.32	1.20	2.65	0.02	0.09	0.47	0.00
Col27	27	0.31	8.29	-0.31	3.32	1.20	2.65	0.04	0.09	0.49	0.00
Col27	28	-0.46	21.18	0.38	3.32	-1.45	2.65	0.02	0.11	0.53	0.00
Col27	29	-0.22	21.18	0.38	3.32	-1.45	2.65	0.01	0.11	0.54	0.00
Col27	30	-0.46	21.18	-0.42	3.32	1.60	2.65	0.02	0.13	0.58	0.00
Col27	31	-0.22	21.18	-0.42	3.32	1.60	2.65	0.01	0.13	0.59	0.00
Col27	32	-0.46	21.18	-0.42	3.32	1.60	2.65	0.02	0.13	0.58	0.00
Col27	33	-0.22	21.18	-0.42	3.32	1.60	2.65	0.01	0.13	0.59	0.00
Col27	34	-0.29	21.18	-0.42	3.32	1.60	2.65	0.01	0.13	0.59	0.00
Col27	35	-0.06	21.18	-0.42	3.32	1.60	2.65	0.00	0.13	0.60	0.00
Col27	36	0.15	8.29	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col27	37	0.15	8.29	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col27	38	0.74	8.29	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col27	39	0.74	8.29	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col27	40	0.55	8.29	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col27	41	0.55	8.29	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col27	42	0.55	8.29	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col27	43	0.55	8.29	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col27	44	0.09	8.29	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col27	45	0.09	8.29	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col27	46	0.78	8.29	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col27	47	0.34	8.29	-0.31	3.32	1.20	2.65	0.04	0.09	0.49	0.00
Col27	48	0.51	8.29	-0.31	3.32	1.20	2.65	0.06	0.09	0.51	0.00
Col27	49	0.14	8.29	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col27	50	0.14	8.29	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col27	51	0.09	8.29	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col27	52	0.09	8.29	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col28	1	0.94	8.38	0.00	3.32	0.00	2.65	0.11	0.00	0.11	0.00
Col28	2	0.14	8.38	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col28	3	0.68	8.38	0.00	3.32	0.00	2.65	0.08	0.00	0.08	0.00
Col28	4	0.68	8.38	0.00	3.32	0.00	2.65	0.08	0.00	0.08	0.00
Col28	5	0.74	8.38	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col28	6	0.54	8.38	0.00	3.32	0.00	2.65	0.06	0.00	0.06	0.00

Col28	7	0.54	8.38	0.00	3.32	0.00	2.65	0.06	0.00	0.06	0.00
Col28	8	-0.43	21.18	0.37	3.32	-1.41	2.65	0.02	0.11	0.51	0.00
Col28	9	-0.19	21.18	0.37	3.32	-1.41	2.65	0.01	0.11	0.52	0.00
Col28	10	-0.43	21.18	-0.43	3.32	1.61	2.65	0.02	0.13	0.59	0.00
Col28	11	-0.19	21.18	-0.43	3.32	1.61	2.65	0.01	0.13	0.60	0.00
Col28	12	-0.43	21.18	-0.43	3.32	1.61	2.65	0.02	0.13	0.59	0.00
Col28	13	-0.19	21.18	-0.43	3.32	1.61	2.65	0.01	0.13	0.60	0.00
Col28	14	-0.26	21.18	-0.43	3.32	1.61	2.65	0.01	0.13	0.59	0.00
Col28	15	-0.03	21.18	-0.43	3.32	1.61	2.65	0.00	0.13	0.61	0.00
Col28	16	0.45	8.38	-0.32	3.32	1.21	2.65	0.05	0.10	0.51	0.00
Col28	17	0.63	8.38	-0.32	3.32	1.21	2.65	0.08	0.10	0.53	0.00
Col28	18	0.33	8.38	-0.32	3.32	1.21	2.65	0.04	0.10	0.49	0.00
Col28	19	0.51	8.38	-0.32	3.32	1.21	2.65	0.06	0.10	0.52	0.00
Col28	20	0.26	8.38	-0.32	3.32	1.21	2.65	0.03	0.10	0.49	0.00
Col28	21	0.43	8.38	-0.32	3.32	1.21	2.65	0.05	0.10	0.51	0.00
Col28	22	0.13	8.38	-0.32	3.32	1.21	2.65	0.02	0.10	0.47	0.00
Col28	23	0.31	8.38	-0.32	3.32	1.21	2.65	0.04	0.10	0.49	0.00
Col28	24	0.26	8.38	-0.32	3.32	1.21	2.65	0.03	0.10	0.49	0.00
Col28	25	0.43	8.38	-0.32	3.32	1.21	2.65	0.05	0.10	0.51	0.00
Col28	26	0.13	8.38	-0.32	3.32	1.21	2.65	0.02	0.10	0.47	0.00
Col28	27	0.31	8.38	-0.32	3.32	1.21	2.65	0.04	0.10	0.49	0.00
Col28	28	-0.46	21.18	0.37	3.32	-1.41	2.65	0.02	0.11	0.51	0.00
Col28	29	-0.23	21.18	0.37	3.32	-1.41	2.65	0.01	0.11	0.52	0.00
Col28	30	-0.46	21.18	-0.43	3.32	1.61	2.65	0.02	0.13	0.59	0.00
Col28	31	-0.23	21.18	-0.43	3.32	1.61	2.65	0.01	0.13	0.60	0.00
Col28	32	-0.46	21.18	-0.43	3.32	1.61	2.65	0.02	0.13	0.59	0.00
Col28	33	-0.23	21.18	-0.43	3.32	1.61	2.65	0.01	0.13	0.60	0.00
Col28	34	-0.29	21.18	-0.43	3.32	1.61	2.65	0.01	0.13	0.59	0.00
Col28	35	-0.06	21.18	-0.43	3.32	1.61	2.65	0.00	0.13	0.60	0.00
Col28	36	0.15	8.38	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col28	37	0.15	8.38	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col28	38	0.74	8.38	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col28	39	0.74	8.38	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col28	40	0.55	8.38	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col28	41	0.55	8.38	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col28	42	0.55	8.38	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col28	43	0.55	8.38	0.00	3.32	0.00	2.65	0.07	0.00	0.07	0.00
Col28	44	0.09	8.38	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col28	45	0.09	8.38	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col28	46	0.78	8.38	0.00	3.32	0.00	2.65	0.09	0.00	0.09	0.00
Col28	47	0.33	8.38	-0.32	3.32	1.21	2.65	0.04	0.10	0.50	0.00
Col28	48	0.51	8.38	-0.32	3.32	1.21	2.65	0.06	0.10	0.52	0.00
Col28	49	0.14	8.38	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col28	50	0.14	8.38	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col28	51	0.09	8.38	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col28	52	0.09	8.38	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00

COLUMN REACTIONS:

Id	Load		In_Plane Horz(k )	Out_Plane Horz(k )
	Id	Vert(k )		
Col20	1	0.95	0.00	0.00
Col20	2	0.15	0.00	0.00
Col20	3	0.68	0.00	0.00
Col20	4	0.68	0.00	0.00
Col20	5	0.75	0.00	0.00
Col20	6	0.55	0.00	0.00
Col20	7	0.55	0.00	0.00
Col20	8	-0.42	0.00	-0.42
Col20	9	-0.19	0.00	-0.42
Col20	10	-0.42	0.00	0.47
Col20	11	-0.19	0.00	0.47
Col20	12	-0.42	0.00	0.47
Col20	13	-0.19	0.00	0.47



Col120	14	-0.26	0.00	0.47
Col120	15	-0.02	0.00	0.47
Col120	16	0.46	0.00	0.36
Col120	17	0.63	0.00	0.36
Col120	18	0.33	0.00	0.36
Col120	19	0.51	0.00	0.36
Col120	20	0.26	0.00	0.36
Col120	21	0.43	0.00	0.36
Col120	22	0.14	0.00	0.36
Col120	23	0.31	0.00	0.36
Col120	24	0.26	0.00	0.36
Col120	25	0.43	0.00	0.36
Col120	26	0.14	0.00	0.36
Col120	27	0.31	0.00	0.36
Col120	28	-0.45	0.00	-0.42
Col120	29	-0.22	0.00	-0.42
Col120	30	-0.45	0.00	0.47
Col120	31	-0.22	0.00	0.47
Col120	32	-0.45	0.00	0.47
Col120	33	-0.22	0.00	0.47
Col120	34	-0.29	0.00	0.47
Col120	35	-0.06	0.00	0.47
Col120	36	0.15	0.00	0.00
Col120	37	0.15	0.00	0.00
Col120	38	0.75	0.00	0.00
Col120	39	0.75	0.00	0.00
Col120	40	0.55	0.00	0.00
Col120	41	0.55	0.00	0.00
Col120	42	0.55	0.00	0.00
Col120	43	0.55	0.00	0.00
Col120	44	0.09	0.00	0.00
Col120	45	0.09	0.00	0.00
Col120	46	0.79	0.00	0.00
Col120	47	0.34	0.00	0.36
Col120	48	0.51	0.00	0.36
Col120	49	0.15	0.00	0.00
Col120	50	0.15	0.00	0.00
Col120	51	0.09	0.00	0.00
Col120	52	0.09	0.00	0.00
Col121	1	0.95	0.00	0.00
Col121	2	0.15	0.00	0.00
Col121	3	0.68	0.00	0.00
Col121	4	0.68	0.00	0.00
Col121	5	0.75	0.00	0.00
Col121	6	0.55	0.00	0.00
Col121	7	0.55	0.00	0.00
Col121	8	-0.42	0.00	-0.41
Col121	9	-0.19	0.00	-0.41
Col121	10	-0.42	0.00	0.45
Col121	11	-0.19	0.00	0.45
Col121	12	-0.42	0.00	0.45
Col121	13	-0.19	0.00	0.45
Col121	14	-0.26	0.00	0.45
Col121	15	-0.03	0.00	0.45
Col121	16	0.46	0.00	0.34
Col121	17	0.63	0.00	0.34
Col121	18	0.33	0.00	0.34
Col121	19	0.51	0.00	0.34
Col121	20	0.26	0.00	0.34
Col121	21	0.43	0.00	0.34
Col121	22	0.14	0.00	0.34
Col121	23	0.31	0.00	0.34
Col121	24	0.26	0.00	0.34
Col121	25	0.43	0.00	0.34
Col121	26	0.14	0.00	0.34

Col21	27	0.31	0.00	0.34
Col21	28	-0.45	0.00	-0.41
Col21	29	-0.22	0.00	-0.41
Col21	30	-0.45	0.00	0.45
Col21	31	-0.22	0.00	0.45
Col21	32	-0.45	0.00	0.45
Col21	33	-0.22	0.00	0.45
Col21	34	-0.29	0.00	0.45
Col21	35	-0.06	0.00	0.45
Col21	36	0.15	0.00	0.00
Col21	37	0.15	0.00	0.00
Col21	38	0.75	0.00	0.00
Col21	39	0.75	0.00	0.00
Col21	40	0.55	0.00	0.00
Col21	41	0.55	0.00	0.00
Col21	42	0.55	0.00	0.00
Col21	43	0.55	0.00	0.00
Col21	44	0.09	0.00	0.00
Col21	45	0.09	0.00	0.00
Col21	46	0.79	0.00	0.00
Col21	47	0.34	0.00	0.34
Col21	48	0.51	0.00	0.34
Col21	49	0.15	0.00	0.00
Col21	50	0.15	0.00	0.00
Col21	51	0.09	0.00	0.00
Col21	52	0.09	0.00	0.00
Col22	1	0.94	0.00	0.00
Col22	2	0.14	0.00	0.00
Col22	3	0.68	0.00	0.00
Col22	4	0.68	0.00	0.00
Col22	5	0.74	0.00	0.00
Col22	6	0.55	0.00	0.00
Col22	7	0.55	0.00	0.00
Col22	8	-0.42	0.00	-0.41
Col22	9	-0.19	0.00	-0.41
Col22	10	-0.42	0.00	0.45
Col22	11	-0.19	0.00	0.45
Col22	12	-0.42	0.00	0.45
Col22	13	-0.19	0.00	0.45
Col22	14	-0.26	0.00	0.45
Col22	15	-0.03	0.00	0.45
Col22	16	0.46	0.00	0.34
Col22	17	0.63	0.00	0.34
Col22	18	0.33	0.00	0.34
Col22	19	0.51	0.00	0.34
Col22	20	0.26	0.00	0.34
Col22	21	0.43	0.00	0.34
Col22	22	0.14	0.00	0.34
Col22	23	0.31	0.00	0.34
Col22	24	0.26	0.00	0.34
Col22	25	0.43	0.00	0.34
Col22	26	0.14	0.00	0.34
Col22	27	0.31	0.00	0.34
Col22	28	-0.46	0.00	-0.41
Col22	29	-0.22	0.00	-0.41
Col22	30	-0.46	0.00	0.45
Col22	31	-0.22	0.00	0.45
Col22	32	-0.46	0.00	0.45
Col22	33	-0.22	0.00	0.45
Col22	34	-0.29	0.00	0.45
Col22	35	-0.06	0.00	0.45
Col22	36	0.15	0.00	0.00
Col22	37	0.15	0.00	0.00
Col22	38	0.75	0.00	0.00
Col22	39	0.75	0.00	0.00

Col22	40	0.55	0.00	0.00
Col22	41	0.55	0.00	0.00
Col22	42	0.55	0.00	0.00
Col22	43	0.55	0.00	0.00
Col22	44	0.09	0.00	0.00
Col22	45	0.09	0.00	0.00
Col22	46	0.79	0.00	0.00
Col22	47	0.34	0.00	0.34
Col22	48	0.51	0.00	0.34
Col22	49	0.14	0.00	0.00
Col22	50	0.15	0.00	0.00
Col22	51	0.09	0.00	0.00
Col22	52	0.09	0.00	0.00
Col23	1	0.94	0.00	0.00
Col23	2	0.14	0.00	0.00
Col23	3	0.68	0.00	0.00
Col23	4	0.68	0.00	0.00
Col23	5	0.74	0.00	0.00
Col23	6	0.55	0.00	0.00
Col23	7	0.55	0.00	0.00
Col23	8	-0.42	0.00	-0.40
Col23	9	-0.19	0.00	-0.40
Col23	10	-0.42	0.00	0.44
Col23	11	-0.19	0.00	0.44
Col23	12	-0.42	0.00	0.44
Col23	13	-0.19	0.00	0.44
Col23	14	-0.26	0.00	0.44
Col23	15	-0.03	0.00	0.44
Col23	16	0.46	0.00	0.33
Col23	17	0.63	0.00	0.33
Col23	18	0.33	0.00	0.33
Col23	19	0.51	0.00	0.33
Col23	20	0.26	0.00	0.33
Col23	21	0.43	0.00	0.33
Col23	22	0.14	0.00	0.33
Col23	23	0.31	0.00	0.33
Col23	24	0.26	0.00	0.33
Col23	25	0.43	0.00	0.33
Col23	26	0.14	0.00	0.33
Col23	27	0.31	0.00	0.33
Col23	28	-0.46	0.00	-0.40
Col23	29	-0.22	0.00	-0.40
Col23	30	-0.46	0.00	0.44
Col23	31	-0.22	0.00	0.44
Col23	32	-0.46	0.00	0.44
Col23	33	-0.22	0.00	0.44
Col23	34	-0.29	0.00	0.44
Col23	35	-0.06	0.00	0.44
Col23	36	0.15	0.00	0.00
Col23	37	0.15	0.00	0.00
Col23	38	0.75	0.00	0.00
Col23	39	0.75	0.00	0.00
Col23	40	0.55	0.00	0.00
Col23	41	0.55	0.00	0.00
Col23	42	0.55	0.00	0.00
Col23	43	0.55	0.00	0.00
Col23	44	0.09	0.00	0.00
Col23	45	0.09	0.00	0.00
Col23	46	0.79	0.00	0.00
Col23	47	0.34	0.00	0.33
Col23	48	0.51	0.00	0.33
Col23	49	0.14	0.00	0.00
Col23	50	0.14	0.00	0.00
Col23	51	0.09	0.00	0.00
Col23	52	0.09	0.00	0.00

Col24	1	0.94	0.00	0.00
Col24	2	0.14	0.00	0.00
Col24	3	0.68	0.00	0.00
Col24	4	0.68	0.00	0.00
Col24	5	0.74	0.00	0.00
Col24	6	0.55	0.00	0.00
Col24	7	0.55	0.00	0.00
Col24	8	-0.42	0.00	-0.40
Col24	9	-0.19	0.00	-0.40
Col24	10	-0.42	0.00	0.44
Col24	11	-0.19	0.00	0.44
Col24	12	-0.42	0.00	0.44
Col24	13	-0.19	0.00	0.44
Col24	14	-0.26	0.00	0.44
Col24	15	-0.03	0.00	0.44
Col24	16	0.46	0.00	0.33
Col24	17	0.63	0.00	0.33
Col24	18	0.33	0.00	0.33
Col24	19	0.51	0.00	0.33
Col24	20	0.26	0.00	0.33
Col24	21	0.43	0.00	0.33
Col24	22	0.13	0.00	0.33
Col24	23	0.31	0.00	0.33
Col24	24	0.26	0.00	0.33
Col24	25	0.43	0.00	0.33
Col24	26	0.13	0.00	0.33
Col24	27	0.31	0.00	0.33
Col24	28	-0.46	0.00	-0.40
Col24	29	-0.22	0.00	-0.40
Col24	30	-0.46	0.00	0.44
Col24	31	-0.22	0.00	0.44
Col24	32	-0.46	0.00	0.44
Col24	33	-0.22	0.00	0.44
Col24	34	-0.29	0.00	0.44
Col24	35	-0.06	0.00	0.44
Col24	36	0.15	0.00	0.00
Col24	37	0.15	0.00	0.00
Col24	38	0.75	0.00	0.00
Col24	39	0.75	0.00	0.00
Col24	40	0.55	0.00	0.00
Col24	41	0.55	0.00	0.00
Col24	42	0.55	0.00	0.00
Col24	43	0.55	0.00	0.00
Col24	44	0.09	0.00	0.00
Col24	45	0.09	0.00	0.00
Col24	46	0.78	0.00	0.00
Col24	47	0.34	0.00	0.33
Col24	48	0.51	0.00	0.33
Col24	49	0.14	0.00	0.00
Col24	50	0.14	0.00	0.00
Col24	51	0.09	0.00	0.00
Col24	52	0.09	0.00	0.00
Col25	1	0.94	0.00	0.00
Col25	2	0.14	0.00	0.00
Col25	3	0.68	0.00	0.00
Col25	4	0.68	0.00	0.00
Col25	5	0.74	0.00	0.00
Col25	6	0.55	0.00	0.00
Col25	7	0.55	0.00	0.00
Col25	8	-0.42	0.00	-0.39
Col25	9	-0.19	0.00	-0.39
Col25	10	-0.42	0.00	0.43
Col25	11	-0.19	0.00	0.43
Col25	12	-0.42	0.00	0.43
Col25	13	-0.19	0.00	0.43

Col125	14	-0.26	0.00	0.43
Col125	15	-0.03	0.00	0.43
Col125	16	0.46	0.00	0.32
Col125	17	0.63	0.00	0.32
Col125	18	0.33	0.00	0.32
Col125	19	0.51	0.00	0.32
Col125	20	0.26	0.00	0.32
Col125	21	0.43	0.00	0.32
Col125	22	0.13	0.00	0.32
Col125	23	0.31	0.00	0.32
Col125	24	0.26	0.00	0.32
Col125	25	0.43	0.00	0.32
Col125	26	0.13	0.00	0.32
Col125	27	0.31	0.00	0.32
Col125	28	-0.46	0.00	-0.39
Col125	29	-0.22	0.00	-0.39
Col125	30	-0.46	0.00	0.43
Col125	31	-0.22	0.00	0.43
Col125	32	-0.46	0.00	0.43
Col125	33	-0.22	0.00	0.43
Col125	34	-0.29	0.00	0.43
Col125	35	-0.06	0.00	0.43
Col125	36	0.15	0.00	0.00
Col125	37	0.15	0.00	0.00
Col125	38	0.75	0.00	0.00
Col125	39	0.75	0.00	0.00
Col125	40	0.55	0.00	0.00
Col125	41	0.55	0.00	0.00
Col125	42	0.55	0.00	0.00
Col125	43	0.55	0.00	0.00
Col125	44	0.09	0.00	0.00
Col125	45	0.09	0.00	0.00
Col125	46	0.78	0.00	0.00
Col125	47	0.34	0.00	0.32
Col125	48	0.51	0.00	0.32
Col125	49	0.14	0.00	0.00
Col125	50	0.14	0.00	0.00
Col125	51	0.09	0.00	0.00
Col125	52	0.09	0.00	0.00
Col126	1	0.94	0.00	0.00
Col126	2	0.14	0.00	0.00
Col126	3	0.68	0.00	0.00
Col126	4	0.68	0.00	0.00
Col126	5	0.74	0.00	0.00
Col126	6	0.55	0.00	0.00
Col126	7	0.55	0.00	0.00
Col126	8	-0.43	0.00	-0.38
Col126	9	-0.19	0.00	-0.38
Col126	10	-0.43	0.00	0.42
Col126	11	-0.19	0.00	0.42
Col126	12	-0.43	0.00	0.42
Col126	13	-0.19	0.00	0.42
Col126	14	-0.26	0.00	0.42
Col126	15	-0.03	0.00	0.42
Col126	16	0.46	0.00	0.32
Col126	17	0.63	0.00	0.32
Col126	18	0.33	0.00	0.32
Col126	19	0.51	0.00	0.32
Col126	20	0.26	0.00	0.32
Col126	21	0.43	0.00	0.32
Col126	22	0.13	0.00	0.32
Col126	23	0.31	0.00	0.32
Col126	24	0.26	0.00	0.32
Col126	25	0.43	0.00	0.32
Col126	26	0.13	0.00	0.32

Col26	27	0.31	0.00	0.32
Col26	28	-0.46	0.00	-0.38
Col26	29	-0.22	0.00	-0.38
Col26	30	-0.46	0.00	0.42
Col26	31	-0.22	0.00	0.42
Col26	32	-0.46	0.00	0.42
Col26	33	-0.22	0.00	0.42
Col26	34	-0.29	0.00	0.42
Col26	35	-0.06	0.00	0.42
Col26	36	0.15	0.00	0.00
Col26	37	0.15	0.00	0.00
Col26	38	0.75	0.00	0.00
Col26	39	0.75	0.00	0.00
Col26	40	0.55	0.00	0.00
Col26	41	0.55	0.00	0.00
Col26	42	0.55	0.00	0.00
Col26	43	0.55	0.00	0.00
Col26	44	0.09	0.00	0.00
Col26	45	0.09	0.00	0.00
Col26	46	0.78	0.00	0.00
Col26	47	0.34	0.00	0.32
Col26	48	0.51	0.00	0.32
Col26	49	0.14	0.00	0.00
Col26	50	0.14	0.00	0.00
Col26	51	0.09	0.00	0.00
Col26	52	0.09	0.00	0.00
Col27	1	0.94	0.00	0.00
Col27	2	0.14	0.00	0.00
Col27	3	0.68	0.00	0.00
Col27	4	0.68	0.00	0.00
Col27	5	0.74	0.00	0.00
Col27	6	0.54	0.00	0.00
Col27	7	0.54	0.00	0.00
Col27	8	-0.43	0.00	-0.38
Col27	9	-0.19	0.00	-0.38
Col27	10	-0.43	0.00	0.42
Col27	11	-0.19	0.00	0.42
Col27	12	-0.43	0.00	0.42
Col27	13	-0.19	0.00	0.42
Col27	14	-0.26	0.00	0.42
Col27	15	-0.03	0.00	0.42
Col27	16	0.45	0.00	0.31
Col27	17	0.63	0.00	0.31
Col27	18	0.33	0.00	0.31
Col27	19	0.51	0.00	0.31
Col27	20	0.26	0.00	0.31
Col27	21	0.43	0.00	0.31
Col27	22	0.13	0.00	0.31
Col27	23	0.31	0.00	0.31
Col27	24	0.26	0.00	0.31
Col27	25	0.43	0.00	0.31
Col27	26	0.13	0.00	0.31
Col27	27	0.31	0.00	0.31
Col27	28	-0.46	0.00	-0.38
Col27	29	-0.22	0.00	-0.38
Col27	30	-0.46	0.00	0.42
Col27	31	-0.22	0.00	0.42
Col27	32	-0.46	0.00	0.42
Col27	33	-0.22	0.00	0.42
Col27	34	-0.29	0.00	0.42
Col27	35	-0.06	0.00	0.42
Col27	36	0.15	0.00	0.00
Col27	37	0.15	0.00	0.00
Col27	38	0.74	0.00	0.00
Col27	39	0.74	0.00	0.00

Col27	40	0.55	0.00	0.00
Col27	41	0.55	0.00	0.00
Col27	42	0.55	0.00	0.00
Col27	43	0.55	0.00	0.00
Col27	44	0.09	0.00	0.00
Col27	45	0.09	0.00	0.00
Col27	46	0.78	0.00	0.00
Col27	47	0.34	0.00	0.31
Col27	48	0.51	0.00	0.31
Col27	49	0.14	0.00	0.00
Col27	50	0.14	0.00	0.00
Col27	51	0.09	0.00	0.00
Col27	52	0.09	0.00	0.00
Col28	1	0.94	0.00	0.00
Col28	2	0.14	0.00	0.00
Col28	3	0.68	0.00	0.00
Col28	4	0.68	0.00	0.00
Col28	5	0.74	0.00	0.00
Col28	6	0.54	0.00	0.00
Col28	7	0.54	0.00	0.00
Col28	8	-0.43	0.00	-0.37
Col28	9	-0.19	0.00	-0.37
Col28	10	-0.43	0.00	0.43
Col28	11	-0.19	0.00	0.43
Col28	12	-0.43	0.00	0.43
Col28	13	-0.19	0.00	0.43
Col28	14	-0.26	0.00	0.43
Col28	15	-0.03	0.00	0.43
Col28	16	0.45	0.00	0.32
Col28	17	0.63	0.00	0.32
Col28	18	0.33	0.00	0.32
Col28	19	0.51	0.00	0.32
Col28	20	0.26	0.00	0.32
Col28	21	0.43	0.00	0.32
Col28	22	0.13	0.00	0.32
Col28	23	0.31	0.00	0.32
Col28	24	0.26	0.00	0.32
Col28	25	0.43	0.00	0.32
Col28	26	0.13	0.00	0.32
Col28	27	0.31	0.00	0.32
Col28	28	-0.46	0.00	-0.37
Col28	29	-0.23	0.00	-0.37
Col28	30	-0.46	0.00	0.43
Col28	31	-0.23	0.00	0.43
Col28	32	-0.46	0.00	0.43
Col28	33	-0.23	0.00	0.43
Col28	34	-0.29	0.00	0.43
Col28	35	-0.06	0.00	0.43
Col28	36	0.15	0.00	0.00
Col28	37	0.15	0.00	0.00
Col28	38	0.74	0.00	0.00
Col28	39	0.74	0.00	0.00
Col28	40	0.55	0.00	0.00
Col28	41	0.55	0.00	0.00
Col28	42	0.55	0.00	0.00
Col28	43	0.55	0.00	0.00
Col28	44	0.09	0.00	0.00
Col28	45	0.09	0.00	0.00
Col28	46	0.78	0.00	0.00
Col28	47	0.33	0.00	0.32
Col28	48	0.51	0.00	0.32
Col28	49	0.14	0.00	0.00
Col28	50	0.14	0.00	0.00
Col28	51	0.09	0.00	0.00
Col28	52	0.09	0.00	0.00

COLUMN DEFLECTIONS:

Id	Load	Deflection (in)	
	Id	Calc	Limit
Col20	1	0.00	1.11
Col20	2	0.00	1.11
Col20	3	0.00	1.11
Col20	4	0.00	1.11
Col20	5	0.00	1.11
Col20	6	0.00	1.11
Col20	7	0.00	1.11
Col20	8	-0.79	1.11
Col20	9	-0.79	1.11
Col20	10	0.90	1.11
Col20	11	0.90	1.11
Col20	12	0.90	1.11
Col20	13	0.90	1.11
Col20	14	0.90	1.11
Col20	15	0.90	1.11
Col20	16	0.67	1.11
Col20	17	0.67	1.11
Col20	18	0.67	1.11
Col20	19	0.67	1.11
Col20	20	0.67	1.11
Col20	21	0.67	1.11
Col20	22	0.67	1.11
Col20	23	0.67	1.11
Col20	24	0.67	1.11
Col20	25	0.67	1.11
Col20	26	0.67	1.11
Col20	27	0.67	1.11
Col20	28	-0.79	1.11
Col20	29	-0.79	1.11
Col20	30	0.90	1.11
Col20	31	0.90	1.11
Col20	32	0.90	1.11
Col20	33	0.90	1.11
Col20	34	0.90	1.11
Col20	35	0.90	1.11
Col20	36	0.00	1.11
Col20	37	0.00	1.11
Col20	38	0.00	1.11
Col20	39	0.00	1.11
Col20	40	0.00	1.11
Col20	41	0.00	1.11
Col20	42	0.00	1.11
Col20	43	0.00	1.11
Col20	44	0.00	1.11
Col20	45	0.00	1.11
Col20	46	0.00	1.11
Col20	47	0.40	1.11
Col20	48	0.40	1.11
Col21	1	0.00	1.10
Col21	2	0.00	1.10
Col21	3	0.00	1.10
Col21	4	0.00	1.10
Col21	5	0.00	1.10
Col21	6	0.00	1.10
Col21	7	0.00	1.10
Col21	8	-0.75	1.10
Col21	9	-0.75	1.10
Col21	10	0.83	1.10
Col21	11	0.83	1.10



Col21	12	0.83	1.10
Col21	13	0.83	1.10
Col21	14	0.83	1.10
Col21	15	0.83	1.10
Col21	16	0.62	1.10
Col21	17	0.62	1.10
Col21	18	0.62	1.10
Col21	19	0.62	1.10
Col21	20	0.62	1.10
Col21	21	0.62	1.10
Col21	22	0.62	1.10
Col21	23	0.62	1.10
Col21	24	0.62	1.10
Col21	25	0.62	1.10
Col21	26	0.62	1.10
Col21	27	0.62	1.10
Col21	28	-0.75	1.10
Col21	29	-0.75	1.10
Col21	30	0.83	1.10
Col21	31	0.83	1.10
Col21	32	0.83	1.10
Col21	33	0.83	1.10
Col21	34	0.83	1.10
Col21	35	0.83	1.10
Col21	36	0.00	1.10
Col21	37	0.00	1.10
Col21	38	0.00	1.10
Col21	39	0.00	1.10
Col21	40	0.00	1.10
Col21	41	0.00	1.10
Col21	42	0.00	1.10
Col21	43	0.00	1.10
Col21	44	0.00	1.10
Col21	45	0.00	1.10
Col21	46	0.00	1.10
Col21	47	0.37	1.10
Col21	48	0.37	1.10
Col22	1	0.00	1.09
Col22	2	0.00	1.09
Col22	3	0.00	1.09
Col22	4	0.00	1.09
Col22	5	0.00	1.09
Col22	6	0.00	1.09
Col22	7	0.00	1.09
Col22	8	-0.71	1.09
Col22	9	-0.71	1.09
Col22	10	0.79	1.09
Col22	11	0.79	1.09
Col22	12	0.79	1.09
Col22	13	0.79	1.09
Col22	14	0.79	1.09
Col22	15	0.79	1.09
Col22	16	0.59	1.09
Col22	17	0.59	1.09
Col22	18	0.59	1.09
Col22	19	0.59	1.09
Col22	20	0.59	1.09
Col22	21	0.59	1.09
Col22	22	0.59	1.09
Col22	23	0.59	1.09
Col22	24	0.59	1.09
Col22	25	0.59	1.09
Col22	26	0.59	1.09
Col22	27	0.59	1.09
Col22	28	-0.71	1.09

Col122	29	-0.71	1.09
Col122	30	0.79	1.09
Col122	31	0.79	1.09
Col122	32	0.79	1.09
Col122	33	0.79	1.09
Col122	34	0.79	1.09
Col122	35	0.79	1.09
Col122	36	0.00	1.09
Col122	37	0.00	1.09
Col122	38	0.00	1.09
Col122	39	0.00	1.09
Col122	40	0.00	1.09
Col122	41	0.00	1.09
Col122	42	0.00	1.09
Col122	43	0.00	1.09
Col122	44	0.00	1.09
Col122	45	0.00	1.09
Col122	46	0.00	1.09
Col122	47	0.35	1.09
Col122	48	0.35	1.09
Col123	1	0.00	1.07
Col123	2	0.00	1.07
Col123	3	0.00	1.07
Col123	4	0.00	1.07
Col123	5	0.00	1.07
Col123	6	0.00	1.07
Col123	7	0.00	1.07
Col123	8	-0.68	1.07
Col123	9	-0.68	1.07
Col123	10	0.75	1.07
Col123	11	0.75	1.07
Col123	12	0.75	1.07
Col123	13	0.75	1.07
Col123	14	0.75	1.07
Col123	15	0.75	1.07
Col123	16	0.56	1.07
Col123	17	0.56	1.07
Col123	18	0.56	1.07
Col123	19	0.56	1.07
Col123	20	0.56	1.07
Col123	21	0.56	1.07
Col123	22	0.56	1.07
Col123	23	0.56	1.07
Col123	24	0.56	1.07
Col123	25	0.56	1.07
Col123	26	0.56	1.07
Col123	27	0.56	1.07
Col123	28	-0.68	1.07
Col123	29	-0.68	1.07
Col123	30	0.75	1.07
Col123	31	0.75	1.07
Col123	32	0.75	1.07
Col123	33	0.75	1.07
Col123	34	0.75	1.07
Col123	35	0.75	1.07
Col123	36	0.00	1.07
Col123	37	0.00	1.07
Col123	38	0.00	1.07
Col123	39	0.00	1.07
Col123	40	0.00	1.07
Col123	41	0.00	1.07
Col123	42	0.00	1.07
Col123	43	0.00	1.07
Col123	44	0.00	1.07
Col123	45	0.00	1.07

Col23	46	0.00	1.07
Col23	47	0.34	1.07
Col23	48	0.34	1.07
Col24	1	0.00	1.06
Col24	2	0.00	1.06
Col24	3	0.00	1.06
Col24	4	0.00	1.06
Col24	5	0.00	1.06
Col24	6	0.00	1.06
Col24	7	0.00	1.06
Col24	8	-0.64	1.06
Col24	9	-0.64	1.06
Col24	10	0.71	1.06
Col24	11	0.71	1.06
Col24	12	0.71	1.06
Col24	13	0.71	1.06
Col24	14	0.71	1.06
Col24	15	0.71	1.06
Col24	16	0.53	1.06
Col24	17	0.53	1.06
Col24	18	0.53	1.06
Col24	19	0.53	1.06
Col24	20	0.53	1.06
Col24	21	0.53	1.06
Col24	22	0.53	1.06
Col24	23	0.53	1.06
Col24	24	0.53	1.06
Col24	25	0.53	1.06
Col24	26	0.53	1.06
Col24	27	0.53	1.06
Col24	28	-0.64	1.06
Col24	29	-0.64	1.06
Col24	30	0.71	1.06
Col24	31	0.71	1.06
Col24	32	0.71	1.06
Col24	33	0.71	1.06
Col24	34	0.71	1.06
Col24	35	0.71	1.06
Col24	36	0.00	1.06
Col24	37	0.00	1.06
Col24	38	0.00	1.06
Col24	39	0.00	1.06
Col24	40	0.00	1.06
Col24	41	0.00	1.06
Col24	42	0.00	1.06
Col24	43	0.00	1.06
Col24	44	0.00	1.06
Col24	45	0.00	1.06
Col24	46	0.00	1.06
Col24	47	0.32	1.06
Col24	48	0.32	1.06
Col25	1	0.00	1.04
Col25	2	0.00	1.04
Col25	3	0.00	1.04
Col25	4	0.00	1.04
Col25	5	0.00	1.04
Col25	6	0.00	1.04
Col25	7	0.00	1.04
Col25	8	-0.61	1.04
Col25	9	-0.61	1.04
Col25	10	0.67	1.04
Col25	11	0.67	1.04
Col25	12	0.67	1.04
Col25	13	0.67	1.04
Col25	14	0.67	1.04

Col25	15	0.67	1.04
Col25	16	0.50	1.04
Col25	17	0.50	1.04
Col25	18	0.50	1.04
Col25	19	0.50	1.04
Col25	20	0.50	1.04
Col25	21	0.50	1.04
Col25	22	0.50	1.04
Col25	23	0.50	1.04
Col25	24	0.50	1.04
Col25	25	0.50	1.04
Col25	26	0.50	1.04
Col25	27	0.50	1.04
Col25	28	-0.61	1.04
Col25	29	-0.61	1.04
Col25	30	0.67	1.04
Col25	31	0.67	1.04
Col25	32	0.67	1.04
Col25	33	0.67	1.04
Col25	34	0.67	1.04
Col25	35	0.67	1.04
Col25	36	0.00	1.04
Col25	37	0.00	1.04
Col25	38	0.00	1.04
Col25	39	0.00	1.04
Col25	40	0.00	1.04
Col25	41	0.00	1.04
Col25	42	0.00	1.04
Col25	43	0.00	1.04
Col25	44	0.00	1.04
Col25	45	0.00	1.04
Col25	46	0.00	1.04
Col25	47	0.30	1.04
Col25	48	0.30	1.04
Col26	1	0.00	1.03
Col26	2	0.00	1.03
Col26	3	0.00	1.03
Col26	4	0.00	1.03
Col26	5	0.00	1.03
Col26	6	0.00	1.03
Col26	7	0.00	1.03
Col26	8	-0.58	1.03
Col26	9	-0.58	1.03
Col26	10	0.64	1.03
Col26	11	0.64	1.03
Col26	12	0.64	1.03
Col26	13	0.64	1.03
Col26	14	0.64	1.03
Col26	15	0.64	1.03
Col26	16	0.48	1.03
Col26	17	0.48	1.03
Col26	18	0.48	1.03
Col26	19	0.48	1.03
Col26	20	0.48	1.03
Col26	21	0.48	1.03
Col26	22	0.48	1.03
Col26	23	0.48	1.03
Col26	24	0.48	1.03
Col26	25	0.48	1.03
Col26	26	0.48	1.03
Col26	27	0.48	1.03
Col26	28	-0.58	1.03
Col26	29	-0.58	1.03
Col26	30	0.64	1.03
Col26	31	0.64	1.03

Col26	32	0.64	1.03
Col26	33	0.64	1.03
Col26	34	0.64	1.03
Col26	35	0.64	1.03
Col26	36	0.00	1.03
Col26	37	0.00	1.03
Col26	38	0.00	1.03
Col26	39	0.00	1.03
Col26	40	0.00	1.03
Col26	41	0.00	1.03
Col26	42	0.00	1.03
Col26	43	0.00	1.03
Col26	44	0.00	1.03
Col26	45	0.00	1.03
Col26	46	0.00	1.03
Col26	47	0.29	1.03
Col26	48	0.29	1.03
Col27	1	0.00	1.02
Col27	2	0.00	1.02
Col27	3	0.00	1.02
Col27	4	0.00	1.02
Col27	5	0.00	1.02
Col27	6	0.00	1.02
Col27	7	0.00	1.02
Col27	8	-0.55	1.02
Col27	9	-0.55	1.02
Col27	10	0.60	1.02
Col27	11	0.60	1.02
Col27	12	0.60	1.02
Col27	13	0.60	1.02
Col27	14	0.60	1.02
Col27	15	0.60	1.02
Col27	16	0.45	1.02
Col27	17	0.45	1.02
Col27	18	0.45	1.02
Col27	19	0.45	1.02
Col27	20	0.45	1.02
Col27	21	0.45	1.02
Col27	22	0.45	1.02
Col27	23	0.45	1.02
Col27	24	0.45	1.02
Col27	25	0.45	1.02
Col27	26	0.45	1.02
Col27	27	0.45	1.02
Col27	28	-0.55	1.02
Col27	29	-0.55	1.02
Col27	30	0.60	1.02
Col27	31	0.60	1.02
Col27	32	0.60	1.02
Col27	33	0.60	1.02
Col27	34	0.60	1.02
Col27	35	0.60	1.02
Col27	36	0.00	1.02
Col27	37	0.00	1.02
Col27	38	0.00	1.02
Col27	39	0.00	1.02
Col27	40	0.00	1.02
Col27	41	0.00	1.02
Col27	42	0.00	1.02
Col27	43	0.00	1.02
Col27	44	0.00	1.02
Col27	45	0.00	1.02
Col27	46	0.00	1.02
Col27	47	0.27	1.02
Col27	48	0.27	1.02

Col28	1	0.00	1.00
Col28	2	0.00	1.00
Col28	3	0.00	1.00
Col28	4	0.00	1.00
Col28	5	0.00	1.00
Col28	6	0.00	1.00
Col28	7	0.00	1.00
Col28	8	-0.52	1.00
Col28	9	-0.52	1.00
Col28	10	0.59	1.00
Col28	11	0.59	1.00
Col28	12	0.59	1.00
Col28	13	0.59	1.00
Col28	14	0.59	1.00
Col28	15	0.59	1.00
Col28	16	0.44	1.00
Col28	17	0.44	1.00
Col28	18	0.44	1.00
Col28	19	0.44	1.00
Col28	20	0.44	1.00
Col28	21	0.44	1.00
Col28	22	0.44	1.00
Col28	23	0.44	1.00
Col28	24	0.44	1.00
Col28	25	0.44	1.00
Col28	26	0.44	1.00
Col28	27	0.44	1.00
Col28	28	-0.52	1.00
Col28	29	-0.52	1.00
Col28	30	0.59	1.00
Col28	31	0.59	1.00
Col28	32	0.59	1.00
Col28	33	0.59	1.00
Col28	34	0.59	1.00
Col28	35	0.59	1.00
Col28	36	0.00	1.00
Col28	37	0.00	1.00
Col28	38	0.00	1.00
Col28	39	0.00	1.00
Col28	40	0.00	1.00
Col28	41	0.00	1.00
Col28	42	0.00	1.00
Col28	43	0.00	1.00
Col28	44	0.00	1.00
Col28	45	0.00	1.00
Col28	46	0.00	1.00
Col28	47	0.27	1.00
Col28	48	0.27	1.00

COLUMN KL/R RATIO, MOMENT REDUCTION:

Id	Major (ft)	--Minor (ft)--		----KL/R----		Available Reduction Factor	
		Bend	Axial	Major	Minor	Out	In
Col20	16.7	3.7	3.7	87	59	0.00	0.00
Col21	16.5	3.7	3.7	86	59	0.00	0.00
Col22	16.3	3.7	3.7	85	59	0.00	0.00
Col23	16.1	3.7	3.7	83	59	0.00	0.00
Col24	15.9	3.7	3.7	82	59	0.00	0.00
Col25	15.7	3.7	3.7	81	59	0.00	0.00
Col26	15.5	3.7	3.7	80	59	0.00	0.00
Col27	15.3	3.7	3.7	79	59	0.00	0.00
Col28	15.0	3.7	3.7	78	59	0.00	0.00

## GIRT LAYOUT:

Bay Id	Girt Id	Locate	Part	Design Length	Available Reduction Factor	
					Out	In
1	1	3.667	6X2C16	4.500	0.00	0.70
	2	7.333	6X2C16	4.500	0.00	0.70
	3	11.000	6X2C16	4.500	0.00	0.70
	4	14.667	6X2C16	4.500	0.00	0.70
2	1	3.667	6X2C16	4.500	0.00	0.70
	2	7.333	6X2C16	4.500	0.00	0.70
	3	11.000	6X2C16	4.500	0.00	0.70
	4	14.667	6X2C16	4.500	0.00	0.70
3	1	3.667	6X2C16	4.500	0.00	0.70
	2	7.333	6X2C16	4.500	0.00	0.70
	3	11.000	6X2C16	4.500	0.00	0.70
	4	14.667	6X2C16	4.500	0.00	0.70
4	1	3.667	6X2C16	4.500	0.00	0.70
	2	7.333	6X2C16	4.500	0.00	0.70
	3	11.000	6X2C16	4.500	0.00	0.70
	4	14.667	6X2C16	4.500	0.00	0.70
5	1	3.667	6X2C16	4.500	0.00	0.70
	2	7.333	6X2C16	4.500	0.00	0.70
	3	11.000	6X2C16	4.500	0.00	0.70
	4	14.667	6X2C16	4.500	0.00	0.70
6	1	3.667	6X2C16	4.500	0.00	0.70
	2	7.333	6X2C16	4.500	0.00	0.70
	3	11.000	6X2C16	4.500	0.00	0.70
	4	14.667	6X2C16	4.500	0.00	0.70
7	1	3.667	6X2C16	4.500	0.00	0.70
	2	7.333	6X2C16	4.500	0.00	0.70
	3	11.000	6X2C16	4.500	0.00	0.70
	4	14.667	6X2C16	4.500	0.00	0.70
8	1	3.667	6X2C16	4.500	0.00	0.70
	2	7.333	6X2C16	4.500	0.00	0.70
	3	11.000	6X2C16	4.500	0.00	0.70
	4	14.667	6X2C16	4.500	0.00	0.70
9	1	3.667	6X2C16	4.500	0.00	0.70
	2	7.333	6X2C16	4.500	0.00	0.70
	3	11.000	6X2C16	4.500	0.00	0.70
	4	14.667	6X2C16	4.500	0.00	0.70
10	1	3.667	6X2C16	4.625	0.00	0.70
	2	7.333	6X2C16	4.625	0.00	0.70
	3	11.000	6X2C16	4.625	0.00	0.70
	4	14.667	6X2C16	4.625	0.00	0.70

## GIRT ACTIONS:

Bay Id	Girt Id	Load	-Shear(k)-		Moment(f-k)		Max UC	Deflect(in)	
			Calc	Limit	Calc	Limit		Calc	Limit
1	1	WP	-0.08	3.32	-0.09	2.65	0.03	0.00	0.60
		WS	0.10	3.32	0.11	2.65	0.04	0.00	0.60
	4	WP	-0.06	3.32	-0.07	2.65	0.03	0.00	0.60
		WS	0.08	3.32	0.08	2.65	0.03	0.00	0.60
2	1	WP	-0.08	3.32	-0.09	2.65	0.03	0.00	0.60
		WS	0.09	3.32	0.10	2.65	0.04	0.00	0.60
	4	WP	-0.06	3.32	-0.07	2.65	0.03	0.00	0.60
		WS	0.07	3.32	0.08	2.65	0.03	0.00	0.60
3	1	WP	-0.08	3.32	-0.09	2.65	0.03	0.00	0.60
	WS	0.09	3.32	0.10	2.65	0.04	0.00	0.60	

	4	WP	-0.06	3.32	-0.07	2.65	0.03	0.00	0.60
		WS	0.07	3.32	0.07	2.65	0.03	0.00	0.60
4	1	WP	-0.08	3.32	-0.09	2.65	0.03	0.00	0.60
		WS	0.09	3.32	0.10	2.65	0.04	0.00	0.60
	4	WP	-0.06	3.32	-0.06	2.65	0.02	0.00	0.60
		WS	0.06	3.32	0.07	2.65	0.03	0.00	0.60
5	1	WP	-0.08	3.32	-0.09	2.65	0.03	0.00	0.60
		WS	0.09	3.32	0.10	2.65	0.04	0.00	0.60
	4	WP	-0.05	3.32	-0.06	2.65	0.02	0.00	0.60
		WS	0.06	3.32	0.07	2.65	0.03	0.00	0.60
6	1	WP	-0.08	3.32	-0.09	2.65	0.03	0.00	0.60
		WS	0.09	3.32	0.10	2.65	0.04	0.00	0.60
	4	WP	-0.05	3.32	-0.06	2.65	0.02	0.00	0.60
		WS	0.06	3.32	0.06	2.65	0.02	0.00	0.60
7	1	WP	-0.08	3.32	-0.09	2.65	0.03	0.00	0.60
		WS	0.09	3.32	0.10	2.65	0.04	0.00	0.60
	4	WP	-0.05	3.32	-0.06	2.65	0.02	0.00	0.60
		WS	0.05	3.32	0.06	2.65	0.02	0.00	0.60
8	1	WP	-0.08	3.32	-0.09	2.65	0.03	0.00	0.60
		WS	0.09	3.32	0.10	2.65	0.04	0.00	0.60
	4	WP	-0.05	3.32	-0.05	2.65	0.02	0.00	0.60
		WS	0.05	3.32	0.06	2.65	0.02	0.00	0.60
9	1	WP	-0.08	3.32	-0.09	2.65	0.03	0.00	0.60
		WS	0.09	3.32	0.10	2.65	0.04	0.00	0.60
	4	WP	-0.04	3.32	-0.05	2.65	0.02	0.00	0.60
		WS	0.05	3.32	0.06	2.65	0.02	0.00	0.60
10	1	WP	-0.08	3.32	-0.10	2.65	0.04	0.00	0.62
		WS	0.10	3.32	0.12	2.65	0.04	0.00	0.62
	4	WP	-0.04	3.32	-0.05	2.65	0.02	0.00	0.62
		WS	0.05	3.32	0.06	2.65	0.02	0.00	0.62

WP - Wind\_Pressure

WS - Wind\_Suction



PANEL DATA:

Bay	Part	Type	Gage	Yield
3	CUSPANL	CP	20.00	50.0

MOMENTS & DEFLECTION:

Span Id	Locate (ft)		Load	-----Moment (ft-lb/ft)-----						Deflect (in)		
	Start	End		Start Calc	Start Limit	Midspan Calc	Midspan Limit	End Calc	End Limit	Max UC	Calc	Limit
1	0.00	3.67	WP	0.0	49.1	-12.8	49.1	17.5	38.1	0.46	-0.11	0.73
			WS	0.0	38.1	17.1	38.1	-23.3	49.1	0.48	0.15	0.73
2	3.67	7.33	WP	17.5	38.1	-5.7	49.1	12.6	38.1	0.46	-0.03	0.73
			WS	-23.3	49.1	7.6	38.1	-16.7	49.1	0.48	0.04	0.73
3	7.33	11.00	WP	12.6	38.1	-6.9	49.1	14.9	38.1	0.39	-0.04	0.73
			WS	-16.7	49.1	9.2	38.1	-19.9	49.1	0.41	0.06	0.73
4	11.00	14.67	WP	14.9	38.1	-8.1	49.1	10.4	38.1	0.39	-0.06	0.73
			WS	-19.9	49.1	10.7	38.1	-13.8	49.1	0.41	0.08	0.73
5	14.67	16.26	WP	10.4	38.1	-0.4	49.1	0.0	38.1	0.27	0.00	0.32
			WS	-13.8	49.1	0.6	38.1	0.0	38.1	0.28	-0.01	0.32

WP - Wind\_Pressure  
 WS - Wind\_Suction

PANEL:

Part	Thick (in)	Yield (ksi )	Tensile Strength (ksi )
CUSPANL	0.038	50.00	65.00

GIRT SCREWS:

Part	Dia (in)	Washer (in)	Limit (k )
#29	0.21	0.50	2.90

PANEL ZONE LAYOUT:

Zone Id	Description	---Wall (ft)---		Bay Id	--Girt (ft, ft, in)--			Panel Span (ft)
		Offset1	Offset2		Locate	Width	Min Thick	
1	Interior	5.00	45.00	1	11.00	3.67	0.059	3.67
2	Lt Edge	0.00	5.00	1	11.00	3.67	0.059	3.67
3	Rt Edge	45.00	50.00	10	11.00	3.67	0.059	3.67

GIRT SCREW CHECK:

Zone Id	Screw Space	Wind Suction (psf )	Load (k )	-----Limit (k )-----			Max UC
				Girt Pullout	Panel Pullover	Screw Tension	
1	1.00	16.38	0.06	0.22	0.61	0.77	0.27
2	1.00	16.38	0.06	0.22	0.61	0.77	0.27
3	1.00	16.38	0.06	0.22	0.61	0.77	0.27

WALL LAYOUT:

Wall Id	Orn	Load Width
4	L	2.50

MEMBER LAYOUT:

Id	Locate		---Web (in)---		-Flange (in)-		Length (ft)	Weight (lb)	----Max_Load----		
	(ft)	Part	Depth	Thick	Width	Thick			Id	UC	Report
Col30	0.0	6X2C16	6.00	16ga	2.00	16ga	14.8	32.4	15	0.33	Mom+Axl
Col31	5.3	6X2C16	6.00	16ga	2.00	16ga	14.8	32.4	15	0.63	Mom+Axl
Col32	10.7	6X2C16	6.00	16ga	2.00	16ga	14.8	32.4	15	0.61	Mom+Axl
Col33	16.0	6X2C16	6.00	16ga	2.00	16ga	14.8	32.4	1	0.03	Mom+Axl
Col34	21.7	6X2C16	6.00	16ga	2.00	16ga	14.8	32.4	15	0.65	Mom+Axl
Col35	27.3	6X2C16	6.00	16ga	2.00	16ga	14.8	32.4	15	0.65	Mom+Axl
Col36	33.0	6X2C16	6.00	16ga	2.00	16ga	14.8	32.4	1	0.03	Mom+Axl
Col37	38.7	6X2C16	6.00	16ga	2.00	16ga	14.8	32.4	15	0.65	Mom+Axl
Col38	44.3	6X2C16	6.00	16ga	2.00	16ga	14.8	32.4	15	0.65	Mom+Axl
Col39	50.0	6X2C16	6.00	16ga	2.00	16ga	14.8	32.4	1	0.03	Mom+Axl
Col40	55.7	6X2C16	6.00	16ga	2.00	16ga	14.8	32.4	15	0.65	Mom+Axl
Col41	61.3	6X2C16	6.00	16ga	2.00	16ga	14.8	32.4	15	0.65	Mom+Axl
Col42	67.0	6X2C16	6.00	16ga	2.00	16ga	14.8	32.4	1	0.03	Mom+Axl
Col43	72.7	6X2C16	6.00	16ga	2.00	16ga	14.8	32.4	15	0.65	Mom+Axl
Col44	78.3	6X2C16	6.00	16ga	2.00	16ga	14.8	32.4	15	0.65	Mom+Axl
Col45	84.0	6X2C16	6.00	16ga	2.00	16ga	14.8	32.4	1	0.03	Mom+Axl
Col46	89.3	6X2C16	6.00	16ga	2.00	16ga	14.8	32.4	15	0.61	Mom+Axl
Col47	94.7	6X2C16	6.00	16ga	2.00	16ga	14.8	32.4	15	0.63	Mom+Axl
Col48	100.0	6X2C16	6.00	16ga	2.00	16ga	14.8	32.4	15	0.33	Mom+Axl
Raf7		PB6EC	6.13	16ga	2.06	16ga	16.0	33.6			
Raf8		PB6EC	6.13	16ga	2.06	16ga	17.0	35.7			
Raf9		PB6EC	6.13	16ga	2.06	16ga	17.0	35.7			
Raf10		PB6EC	6.13	16ga	2.06	16ga	17.0	35.7			
Raf11		PB6EC	6.13	16ga	2.06	16ga	17.0	35.7			
Raf12		PB6EC	6.13	16ga	2.06	16ga	16.0	33.6			
Total=								825.5			

DESIGN ACTIONS/STRENGTH:

Id	Load Id	-Axial (k) -		-Shear (k) -		Moment (f-k)		-----Unity Check-----			
		Calc	Limit	Calc	Limit	Calc	Limit	Axial	Shear	Moment	Shear+
Col30	1	0.19	8.41	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col30	2	0.05	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col30	3	0.14	8.41	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col30	4	0.14	8.41	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col30	5	0.15	8.41	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col30	6	0.12	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col30	7	0.12	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col30	8	-0.04	21.18	0.20	3.32	-0.73	2.65	0.00	0.06	0.27	0.00
Col30	9	0.00	21.18	0.20	3.32	-0.73	2.65	0.00	0.06	0.27	0.00
Col30	10	-0.04	21.18	-0.23	3.32	0.86	2.65	0.00	0.07	0.32	0.00
Col30	11	0.00	21.18	-0.23	3.32	0.86	2.65	0.00	0.07	0.32	0.00
Col30	12	-0.04	21.18	-0.23	3.32	0.86	2.65	0.00	0.07	0.32	0.00
Col30	13	0.00	21.18	-0.23	3.32	0.86	2.65	0.00	0.07	0.32	0.00
Col30	14	-0.01	21.18	-0.23	3.32	0.86	2.65	0.00	0.07	0.32	0.00
Col30	15	0.03	8.41	-0.23	3.32	0.86	2.65	0.00	0.07	0.33	0.00

Col30	16	0.11	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.26	0.00
Col30	17	0.14	8.41	-0.17	3.32	0.64	2.65	0.02	0.05	0.26	0.00
Col30	18	0.09	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.25	0.00
Col30	19	0.12	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.26	0.00
Col30	20	0.07	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.25	0.00
Col30	21	0.10	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.26	0.00
Col30	22	0.05	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.25	0.00
Col30	23	0.08	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.25	0.00
Col30	24	0.07	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.25	0.00
Col30	25	0.10	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.26	0.00
Col30	26	0.05	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.25	0.00
Col30	27	0.08	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.25	0.00
Col30	28	-0.05	21.18	0.20	3.32	-0.73	2.65	0.00	0.06	0.27	0.00
Col30	29	-0.01	21.18	0.20	3.32	-0.73	2.65	0.00	0.06	0.27	0.00
Col30	30	-0.05	21.18	-0.23	3.32	0.86	2.65	0.00	0.07	0.32	0.00
Col30	31	-0.01	21.18	-0.23	3.32	0.86	2.65	0.00	0.07	0.32	0.00
Col30	32	-0.05	21.18	-0.23	3.32	0.86	2.65	0.00	0.07	0.32	0.00
Col30	33	-0.01	21.18	-0.23	3.32	0.86	2.65	0.00	0.07	0.32	0.00
Col30	34	-0.02	21.18	-0.23	3.32	0.86	2.65	0.00	0.07	0.32	0.00
Col30	35	0.02	8.41	-0.23	3.32	0.86	2.65	0.00	0.07	0.33	0.00
Col30	36	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col30	37	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col30	38	0.15	8.41	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col30	39	0.15	8.41	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col30	40	0.12	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col30	41	0.12	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col30	42	0.12	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col30	43	0.12	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col30	44	0.05	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col30	45	0.05	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col30	46	0.16	8.41	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col30	47	0.09	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.25	0.00
Col30	48	0.12	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.26	0.00
Col30	49	0.05	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col30	50	0.05	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col30	51	0.05	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col30	52	0.05	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col31	1	0.34	8.41	0.00	3.32	0.00	2.65	0.04	0.00	0.04	0.00
Col31	2	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col31	3	0.26	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col31	4	0.26	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col31	5	0.28	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col31	6	0.21	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col31	7	0.21	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col31	8	-0.11	21.18	0.39	3.32	-1.45	2.65	0.01	0.12	0.54	0.00
Col31	9	-0.03	21.18	0.39	3.32	-1.45	2.65	0.00	0.12	0.55	0.00
Col31	10	-0.11	21.18	-0.45	3.32	1.65	2.65	0.01	0.13	0.62	0.00
Col31	11	-0.03	21.18	-0.45	3.32	1.65	2.65	0.00	0.13	0.62	0.00
Col31	12	-0.11	21.18	-0.45	3.32	1.65	2.65	0.01	0.13	0.62	0.00
Col31	13	-0.03	21.18	-0.45	3.32	1.65	2.65	0.00	0.13	0.62	0.00
Col31	14	-0.06	21.18	-0.45	3.32	1.65	2.65	0.00	0.13	0.62	0.00
Col31	15	0.02	8.41	-0.45	3.32	1.65	2.65	0.00	0.13	0.63	0.00
Col31	16	0.18	8.41	-0.33	3.32	1.24	2.65	0.02	0.10	0.49	0.00
Col31	17	0.24	8.41	-0.33	3.32	1.24	2.65	0.03	0.10	0.50	0.00
Col31	18	0.14	8.41	-0.33	3.32	1.24	2.65	0.02	0.10	0.48	0.00
Col31	19	0.20	8.41	-0.33	3.32	1.24	2.65	0.02	0.10	0.49	0.00
Col31	20	0.12	8.41	-0.33	3.32	1.24	2.65	0.01	0.10	0.48	0.00
Col31	21	0.17	8.41	-0.33	3.32	1.24	2.65	0.02	0.10	0.49	0.00
Col31	22	0.07	8.41	-0.33	3.32	1.24	2.65	0.01	0.10	0.48	0.00
Col31	23	0.13	8.41	-0.33	3.32	1.24	2.65	0.02	0.10	0.48	0.00
Col31	24	0.12	8.41	-0.33	3.32	1.24	2.65	0.01	0.10	0.48	0.00
Col31	25	0.17	8.41	-0.33	3.32	1.24	2.65	0.02	0.10	0.49	0.00
Col31	26	0.07	8.41	-0.33	3.32	1.24	2.65	0.01	0.10	0.48	0.00
Col31	27	0.13	8.41	-0.33	3.32	1.24	2.65	0.02	0.10	0.48	0.00
Col31	28	-0.12	21.18	0.39	3.32	-1.45	2.65	0.01	0.12	0.54	0.00

Col131	29	-0.05	21.18	0.39	3.32	-1.45	2.65	0.00	0.12	0.55	0.00
Col131	30	-0.12	21.18	-0.45	3.32	1.65	2.65	0.01	0.13	0.62	0.00
Col131	31	-0.05	21.18	-0.45	3.32	1.65	2.65	0.00	0.13	0.62	0.00
Col131	32	-0.12	21.18	-0.45	3.32	1.65	2.65	0.01	0.13	0.62	0.00
Col131	33	-0.05	21.18	-0.45	3.32	1.65	2.65	0.00	0.13	0.62	0.00
Col131	34	-0.07	21.18	-0.45	3.32	1.65	2.65	0.00	0.13	0.62	0.00
Col131	35	0.01	8.41	-0.45	3.32	1.65	2.65	0.00	0.13	0.62	0.00
Col131	36	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col131	37	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col131	38	0.28	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col131	39	0.28	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col131	40	0.21	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col131	41	0.21	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col131	42	0.21	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col131	43	0.21	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col131	44	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col131	45	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col131	46	0.29	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col131	47	0.14	8.41	-0.33	3.32	1.24	2.65	0.02	0.10	0.48	0.00
Col131	48	0.20	8.41	-0.33	3.32	1.24	2.65	0.02	0.10	0.49	0.00
Col131	49	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col131	50	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col131	51	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col131	52	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col132	1	0.34	8.41	0.00	3.32	0.00	2.65	0.04	0.00	0.04	0.00
Col132	2	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col132	3	0.26	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col132	4	0.26	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col132	5	0.28	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col132	6	0.21	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col132	7	0.21	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col132	8	-0.11	21.18	0.39	3.32	-1.45	2.65	0.01	0.12	0.54	0.00
Col132	9	-0.03	21.18	0.39	3.32	-1.45	2.65	0.00	0.12	0.55	0.00
Col132	10	-0.11	21.18	-0.43	3.32	1.60	2.65	0.01	0.13	0.60	0.00
Col132	11	-0.03	21.18	-0.43	3.32	1.60	2.65	0.00	0.13	0.60	0.00
Col132	12	-0.11	21.18	-0.43	3.32	1.60	2.65	0.01	0.13	0.60	0.00
Col132	13	-0.03	21.18	-0.43	3.32	1.60	2.65	0.00	0.13	0.60	0.00
Col132	14	-0.06	21.18	-0.43	3.32	1.60	2.65	0.00	0.13	0.60	0.00
Col132	15	0.02	8.41	-0.43	3.32	1.60	2.65	0.00	0.13	0.61	0.00
Col132	16	0.18	8.41	-0.32	3.32	1.20	2.65	0.02	0.10	0.48	0.00
Col132	17	0.24	8.41	-0.32	3.32	1.20	2.65	0.03	0.10	0.48	0.00
Col132	18	0.14	8.41	-0.32	3.32	1.20	2.65	0.02	0.10	0.47	0.00
Col132	19	0.20	8.41	-0.32	3.32	1.20	2.65	0.02	0.10	0.48	0.00
Col132	20	0.12	8.41	-0.32	3.32	1.20	2.65	0.01	0.10	0.47	0.00
Col132	21	0.17	8.41	-0.32	3.32	1.20	2.65	0.02	0.10	0.47	0.00
Col132	22	0.07	8.41	-0.32	3.32	1.20	2.65	0.01	0.10	0.46	0.00
Col132	23	0.13	8.41	-0.32	3.32	1.20	2.65	0.02	0.10	0.47	0.00
Col132	24	0.12	8.41	-0.32	3.32	1.20	2.65	0.01	0.10	0.47	0.00
Col132	25	0.17	8.41	-0.32	3.32	1.20	2.65	0.02	0.10	0.47	0.00
Col132	26	0.07	8.41	-0.32	3.32	1.20	2.65	0.01	0.10	0.46	0.00
Col132	27	0.13	8.41	-0.32	3.32	1.20	2.65	0.02	0.10	0.47	0.00
Col132	28	-0.12	21.18	0.39	3.32	-1.45	2.65	0.01	0.12	0.54	0.00
Col132	29	-0.05	21.18	0.39	3.32	-1.45	2.65	0.00	0.12	0.55	0.00
Col132	30	-0.12	21.18	-0.43	3.32	1.60	2.65	0.01	0.13	0.60	0.00
Col132	31	-0.05	21.18	-0.43	3.32	1.60	2.65	0.00	0.13	0.60	0.00
Col132	32	-0.12	21.18	-0.43	3.32	1.60	2.65	0.01	0.13	0.60	0.00
Col132	33	-0.05	21.18	-0.43	3.32	1.60	2.65	0.00	0.13	0.60	0.00
Col132	34	-0.07	21.18	-0.43	3.32	1.60	2.65	0.00	0.13	0.60	0.00
Col132	35	0.01	8.41	-0.43	3.32	1.60	2.65	0.00	0.13	0.61	0.00
Col132	36	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col132	37	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col132	38	0.28	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col132	39	0.28	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col132	40	0.21	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col132	41	0.21	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00





Col135	16	0.19	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col135	17	0.25	8.41	-0.35	3.32	1.28	2.65	0.03	0.10	0.51	0.00
Col135	18	0.15	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col135	19	0.21	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.51	0.00
Col135	20	0.12	8.41	-0.35	3.32	1.28	2.65	0.01	0.10	0.50	0.00
Col135	21	0.18	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col135	22	0.08	8.41	-0.35	3.32	1.28	2.65	0.01	0.10	0.49	0.00
Col135	23	0.14	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col135	24	0.12	8.41	-0.35	3.32	1.28	2.65	0.01	0.10	0.50	0.00
Col135	25	0.18	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col135	26	0.08	8.41	-0.35	3.32	1.28	2.65	0.01	0.10	0.49	0.00
Col135	27	0.14	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col135	28	-0.13	21.18	0.42	3.32	-1.54	2.65	0.01	0.13	0.58	0.00
Col135	29	-0.05	21.18	0.42	3.32	-1.54	2.65	0.00	0.13	0.58	0.00
Col135	30	-0.13	21.18	-0.46	3.32	1.70	2.65	0.01	0.14	0.64	0.00
Col135	31	-0.05	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col135	32	-0.13	21.18	-0.46	3.32	1.70	2.65	0.01	0.14	0.64	0.00
Col135	33	-0.05	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col135	34	-0.07	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col135	35	0.01	8.41	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col135	36	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col135	37	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col135	38	0.29	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col135	39	0.29	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col135	40	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col135	41	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col135	42	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col135	43	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col135	44	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col135	45	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col135	46	0.31	8.41	0.00	3.32	0.00	2.65	0.04	0.00	0.04	0.00
Col135	47	0.15	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col135	48	0.21	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.51	0.00
Col135	49	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col135	50	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col135	51	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col135	52	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col136	1	0.36	10.79	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col136	2	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col136	3	0.27	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col136	4	0.27	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col136	5	0.29	10.79	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col136	6	0.22	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col136	7	0.22	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col136	8	-0.12	21.18	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col136	9	-0.04	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col136	10	-0.12	21.18	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col136	11	-0.04	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col136	12	-0.12	21.18	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col136	13	-0.04	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col136	14	-0.06	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col136	15	0.02	10.79	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col136	16	0.19	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col136	17	0.25	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col136	18	0.15	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col136	19	0.21	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col136	20	0.12	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col136	21	0.18	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col136	22	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col136	23	0.14	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col136	24	0.12	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col136	25	0.18	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col136	26	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col136	27	0.14	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col136	28	-0.13	21.18	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00



Col36	29	-0.05	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col36	30	-0.13	21.18	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col36	31	-0.05	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col36	32	-0.13	21.18	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col36	33	-0.05	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col36	34	-0.07	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col36	35	0.01	10.79	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col36	36	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col36	37	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col36	38	0.29	10.79	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col36	39	0.29	10.79	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col36	40	0.22	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col36	41	0.22	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col36	42	0.22	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col36	43	0.22	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col36	44	0.06	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col36	45	0.06	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col36	46	0.31	10.79	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col36	47	0.15	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col36	48	0.21	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col36	49	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col36	50	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col36	51	0.06	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col36	52	0.06	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col37	1	0.36	8.41	0.00	3.32	0.00	2.65	0.04	0.00	0.04	0.00
Col37	2	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col37	3	0.27	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col37	4	0.27	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col37	5	0.29	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col37	6	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col37	7	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col37	8	-0.12	21.18	0.42	3.32	-1.54	2.65	0.01	0.13	0.58	0.00
Col37	9	-0.04	21.18	0.42	3.32	-1.54	2.65	0.00	0.13	0.58	0.00
Col37	10	-0.12	21.18	-0.46	3.32	1.70	2.65	0.01	0.14	0.64	0.00
Col37	11	-0.04	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col37	12	-0.12	21.18	-0.46	3.32	1.70	2.65	0.01	0.14	0.64	0.00
Col37	13	-0.04	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col37	14	-0.06	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col37	15	0.02	8.41	-0.46	3.32	1.70	2.65	0.00	0.14	0.65	0.00
Col37	16	0.19	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col37	17	0.25	8.41	-0.35	3.32	1.28	2.65	0.03	0.10	0.51	0.00
Col37	18	0.15	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col37	19	0.21	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.51	0.00
Col37	20	0.12	8.41	-0.35	3.32	1.28	2.65	0.01	0.10	0.50	0.00
Col37	21	0.18	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col37	22	0.08	8.41	-0.35	3.32	1.28	2.65	0.01	0.10	0.49	0.00
Col37	23	0.14	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col37	24	0.12	8.41	-0.35	3.32	1.28	2.65	0.01	0.10	0.50	0.00
Col37	25	0.18	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col37	26	0.08	8.41	-0.35	3.32	1.28	2.65	0.01	0.10	0.49	0.00
Col37	27	0.14	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col37	28	-0.13	21.18	0.42	3.32	-1.54	2.65	0.01	0.13	0.58	0.00
Col37	29	-0.05	21.18	0.42	3.32	-1.54	2.65	0.00	0.13	0.58	0.00
Col37	30	-0.13	21.18	-0.46	3.32	1.70	2.65	0.01	0.14	0.64	0.00
Col37	31	-0.05	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col37	32	-0.13	21.18	-0.46	3.32	1.70	2.65	0.01	0.14	0.64	0.00
Col37	33	-0.05	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col37	34	-0.07	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col37	35	0.01	8.41	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col37	36	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col37	37	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col37	38	0.29	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col37	39	0.29	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col37	40	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col37	41	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00

Col137	42	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col137	43	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col137	44	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col137	45	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col137	46	0.31	8.41	0.00	3.32	0.00	2.65	0.04	0.00	0.04	0.00
Col137	47	0.15	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col137	48	0.21	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.51	0.00
Col137	49	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col137	50	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col137	51	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col137	52	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col138	1	0.36	8.41	0.00	3.32	0.00	2.65	0.04	0.00	0.04	0.00
Col138	2	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col138	3	0.27	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col138	4	0.27	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col138	5	0.29	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col138	6	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col138	7	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col138	8	-0.12	21.18	0.42	3.32	-1.54	2.65	0.01	0.13	0.58	0.00
Col138	9	-0.04	21.18	0.42	3.32	-1.54	2.65	0.00	0.13	0.58	0.00
Col138	10	-0.12	21.18	-0.46	3.32	1.70	2.65	0.01	0.14	0.64	0.00
Col138	11	-0.04	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col138	12	-0.12	21.18	-0.46	3.32	1.70	2.65	0.01	0.14	0.64	0.00
Col138	13	-0.04	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col138	14	-0.06	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col138	15	0.02	8.41	-0.46	3.32	1.70	2.65	0.00	0.14	0.65	0.00
Col138	16	0.19	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col138	17	0.25	8.41	-0.35	3.32	1.28	2.65	0.03	0.10	0.51	0.00
Col138	18	0.15	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col138	19	0.21	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.51	0.00
Col138	20	0.12	8.41	-0.35	3.32	1.28	2.65	0.01	0.10	0.50	0.00
Col138	21	0.18	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col138	22	0.08	8.41	-0.35	3.32	1.28	2.65	0.01	0.10	0.49	0.00
Col138	23	0.14	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col138	24	0.12	8.41	-0.35	3.32	1.28	2.65	0.01	0.10	0.50	0.00
Col138	25	0.18	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col138	26	0.08	8.41	-0.35	3.32	1.28	2.65	0.01	0.10	0.49	0.00
Col138	27	0.14	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col138	28	-0.13	21.18	0.42	3.32	-1.54	2.65	0.01	0.13	0.58	0.00
Col138	29	-0.05	21.18	0.42	3.32	-1.54	2.65	0.00	0.13	0.58	0.00
Col138	30	-0.13	21.18	-0.46	3.32	1.70	2.65	0.01	0.14	0.64	0.00
Col138	31	-0.05	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col138	32	-0.13	21.18	-0.46	3.32	1.70	2.65	0.01	0.14	0.64	0.00
Col138	33	-0.05	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col138	34	-0.07	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col138	35	0.01	8.41	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col138	36	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col138	37	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col138	38	0.29	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col138	39	0.29	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col138	40	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col138	41	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col138	42	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col138	43	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col138	44	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col138	45	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col138	46	0.31	8.41	0.00	3.32	0.00	2.65	0.04	0.00	0.04	0.00
Col138	47	0.15	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col138	48	0.21	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.51	0.00
Col138	49	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col138	50	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col138	51	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col138	52	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col139	1	0.36	10.79	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col139	2	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00

Col139	3	0.27	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col139	4	0.27	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col139	5	0.29	10.79	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col139	6	0.22	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col139	7	0.22	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col139	8	-0.12	21.18	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col139	9	-0.04	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col139	10	-0.12	21.18	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col139	11	-0.04	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col139	12	-0.12	21.18	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col139	13	-0.04	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col139	14	-0.06	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col139	15	0.02	10.79	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col139	16	0.19	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col139	17	0.25	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col139	18	0.15	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col139	19	0.21	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col139	20	0.12	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col139	21	0.18	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col139	22	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col139	23	0.14	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col139	24	0.12	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col139	25	0.18	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col139	26	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col139	27	0.14	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col139	28	-0.13	21.18	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col139	29	-0.05	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col139	30	-0.13	21.18	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col139	31	-0.05	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col139	32	-0.13	21.18	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col139	33	-0.05	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col139	34	-0.07	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col139	35	0.01	10.79	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col139	36	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col139	37	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col139	38	0.29	10.79	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col139	39	0.29	10.79	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col139	40	0.22	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col139	41	0.22	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col139	42	0.22	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col139	43	0.22	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col139	44	0.06	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col139	45	0.06	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col139	46	0.31	10.79	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col139	47	0.15	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col139	48	0.21	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col139	49	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col139	50	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col139	51	0.06	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col139	52	0.06	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col140	1	0.36	8.41	0.00	3.32	0.00	2.65	0.04	0.00	0.04	0.00
Col140	2	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col140	3	0.27	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col140	4	0.27	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col140	5	0.29	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col140	6	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col140	7	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col140	8	-0.12	21.18	0.42	3.32	-1.54	2.65	0.01	0.13	0.58	0.00
Col140	9	-0.04	21.18	0.42	3.32	-1.54	2.65	0.00	0.13	0.58	0.00
Col140	10	-0.12	21.18	-0.46	3.32	1.70	2.65	0.01	0.14	0.64	0.00
Col140	11	-0.04	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col140	12	-0.12	21.18	-0.46	3.32	1.70	2.65	0.01	0.14	0.64	0.00
Col140	13	-0.04	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col140	14	-0.06	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col140	15	0.02	8.41	-0.46	3.32	1.70	2.65	0.00	0.14	0.65	0.00



Col41	29	-0.05	21.18	0.42	3.32	-1.54	2.65	0.00	0.13	0.58	0.00
Col41	30	-0.13	21.18	-0.46	3.32	1.70	2.65	0.01	0.14	0.64	0.00
Col41	31	-0.05	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col41	32	-0.13	21.18	-0.46	3.32	1.70	2.65	0.01	0.14	0.64	0.00
Col41	33	-0.05	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col41	34	-0.07	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col41	35	0.01	8.41	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col41	36	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col41	37	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col41	38	0.29	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col41	39	0.29	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col41	40	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col41	41	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col41	42	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col41	43	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col41	44	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col41	45	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col41	46	0.31	8.41	0.00	3.32	0.00	2.65	0.04	0.00	0.04	0.00
Col41	47	0.15	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col41	48	0.21	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.51	0.00
Col41	49	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col41	50	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col41	51	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col41	52	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col42	1	0.36	10.79	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col42	2	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col42	3	0.27	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col42	4	0.27	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col42	5	0.29	10.79	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col42	6	0.22	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col42	7	0.22	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col42	8	-0.12	21.18	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col42	9	-0.04	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col42	10	-0.12	21.18	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col42	11	-0.04	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col42	12	-0.12	21.18	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col42	13	-0.04	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col42	14	-0.06	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col42	15	0.02	10.79	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col42	16	0.19	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col42	17	0.25	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col42	18	0.15	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col42	19	0.21	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col42	20	0.12	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col42	21	0.18	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col42	22	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col42	23	0.14	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col42	24	0.12	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col42	25	0.18	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col42	26	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col42	27	0.14	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col42	28	-0.13	21.18	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col42	29	-0.05	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col42	30	-0.13	21.18	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col42	31	-0.05	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col42	32	-0.13	21.18	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col42	33	-0.05	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col42	34	-0.07	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col42	35	0.01	10.79	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col42	36	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col42	37	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col42	38	0.29	10.79	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col42	39	0.29	10.79	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col42	40	0.22	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col42	41	0.22	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00

Col42	42	0.22	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col42	43	0.22	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col42	44	0.06	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col42	45	0.06	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col42	46	0.31	10.79	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col42	47	0.15	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col42	48	0.21	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col42	49	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col42	50	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col42	51	0.06	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col42	52	0.06	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col43	1	0.36	8.41	0.00	3.32	0.00	2.65	0.04	0.00	0.04	0.00
Col43	2	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col43	3	0.27	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col43	4	0.27	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col43	5	0.29	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col43	6	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col43	7	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col43	8	-0.12	21.18	0.42	3.32	-1.54	2.65	0.01	0.13	0.58	0.00
Col43	9	-0.04	21.18	0.42	3.32	-1.54	2.65	0.00	0.13	0.58	0.00
Col43	10	-0.12	21.18	-0.46	3.32	1.70	2.65	0.01	0.14	0.64	0.00
Col43	11	-0.04	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col43	12	-0.12	21.18	-0.46	3.32	1.70	2.65	0.01	0.14	0.64	0.00
Col43	13	-0.04	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col43	14	-0.06	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col43	15	0.02	8.41	-0.46	3.32	1.70	2.65	0.00	0.14	0.65	0.00
Col43	16	0.19	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col43	17	0.25	8.41	-0.35	3.32	1.28	2.65	0.03	0.10	0.51	0.00
Col43	18	0.15	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col43	19	0.21	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.51	0.00
Col43	20	0.12	8.41	-0.35	3.32	1.28	2.65	0.01	0.10	0.50	0.00
Col43	21	0.18	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col43	22	0.08	8.41	-0.35	3.32	1.28	2.65	0.01	0.10	0.49	0.00
Col43	23	0.14	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col43	24	0.12	8.41	-0.35	3.32	1.28	2.65	0.01	0.10	0.50	0.00
Col43	25	0.18	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col43	26	0.08	8.41	-0.35	3.32	1.28	2.65	0.01	0.10	0.49	0.00
Col43	27	0.14	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col43	28	-0.13	21.18	0.42	3.32	-1.54	2.65	0.01	0.13	0.58	0.00
Col43	29	-0.05	21.18	0.42	3.32	-1.54	2.65	0.00	0.13	0.58	0.00
Col43	30	-0.13	21.18	-0.46	3.32	1.70	2.65	0.01	0.14	0.64	0.00
Col43	31	-0.05	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col43	32	-0.13	21.18	-0.46	3.32	1.70	2.65	0.01	0.14	0.64	0.00
Col43	33	-0.05	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col43	34	-0.07	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col43	35	0.01	8.41	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col43	36	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col43	37	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col43	38	0.29	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col43	39	0.29	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col43	40	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col43	41	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col43	42	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col43	43	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col43	44	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col43	45	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col43	46	0.31	8.41	0.00	3.32	0.00	2.65	0.04	0.00	0.04	0.00
Col43	47	0.15	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col43	48	0.21	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.51	0.00
Col43	49	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col43	50	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col43	51	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col43	52	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col44	1	0.36	8.41	0.00	3.32	0.00	2.65	0.04	0.00	0.04	0.00
Col44	2	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00



Col44	3	0.27	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col44	4	0.27	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col44	5	0.29	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col44	6	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col44	7	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col44	8	-0.12	21.18	0.42	3.32	-1.54	2.65	0.01	0.13	0.58	0.00
Col44	9	-0.04	21.18	0.42	3.32	-1.54	2.65	0.00	0.13	0.58	0.00
Col44	10	-0.12	21.18	-0.46	3.32	1.70	2.65	0.01	0.14	0.64	0.00
Col44	11	-0.04	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col44	12	-0.12	21.18	-0.46	3.32	1.70	2.65	0.01	0.14	0.64	0.00
Col44	13	-0.04	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col44	14	-0.06	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col44	15	0.02	8.41	-0.46	3.32	1.70	2.65	0.00	0.14	0.65	0.00
Col44	16	0.19	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col44	17	0.25	8.41	-0.35	3.32	1.28	2.65	0.03	0.10	0.51	0.00
Col44	18	0.15	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col44	19	0.21	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.51	0.00
Col44	20	0.12	8.41	-0.35	3.32	1.28	2.65	0.01	0.10	0.50	0.00
Col44	21	0.18	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col44	22	0.08	8.41	-0.35	3.32	1.28	2.65	0.01	0.10	0.49	0.00
Col44	23	0.14	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col44	24	0.12	8.41	-0.35	3.32	1.28	2.65	0.01	0.10	0.50	0.00
Col44	25	0.18	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col44	26	0.08	8.41	-0.35	3.32	1.28	2.65	0.01	0.10	0.49	0.00
Col44	27	0.14	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col44	28	-0.13	21.18	0.42	3.32	-1.54	2.65	0.01	0.13	0.58	0.00
Col44	29	-0.05	21.18	0.42	3.32	-1.54	2.65	0.00	0.13	0.58	0.00
Col44	30	-0.13	21.18	-0.46	3.32	1.70	2.65	0.01	0.14	0.64	0.00
Col44	31	-0.05	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col44	32	-0.13	21.18	-0.46	3.32	1.70	2.65	0.01	0.14	0.64	0.00
Col44	33	-0.05	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col44	34	-0.07	21.18	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col44	35	0.01	8.41	-0.46	3.32	1.70	2.65	0.00	0.14	0.64	0.00
Col44	36	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col44	37	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col44	38	0.29	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col44	39	0.29	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col44	40	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col44	41	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col44	42	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col44	43	0.22	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col44	44	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col44	45	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col44	46	0.31	8.41	0.00	3.32	0.00	2.65	0.04	0.00	0.04	0.00
Col44	47	0.15	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.50	0.00
Col44	48	0.21	8.41	-0.35	3.32	1.28	2.65	0.02	0.10	0.51	0.00
Col44	49	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col44	50	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col44	51	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col44	52	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col45	1	0.35	10.79	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col45	2	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col45	3	0.26	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col45	4	0.26	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col45	5	0.28	10.79	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col45	6	0.22	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col45	7	0.22	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col45	8	-0.12	21.18	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col45	9	-0.04	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col45	10	-0.12	21.18	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col45	11	-0.04	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col45	12	-0.12	21.18	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col45	13	-0.04	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col45	14	-0.06	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col45	15	0.02	10.79	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00

Col45	16	0.19	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col45	17	0.25	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col45	18	0.14	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col45	19	0.20	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col45	20	0.12	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col45	21	0.18	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col45	22	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col45	23	0.14	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col45	24	0.12	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col45	25	0.18	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col45	26	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col45	27	0.14	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col45	28	-0.13	21.18	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col45	29	-0.05	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col45	30	-0.13	21.18	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col45	31	-0.05	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col45	32	-0.13	21.18	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col45	33	-0.05	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col45	34	-0.07	21.18	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col45	35	0.01	10.79	0.00	3.32	0.00	2.65	0.00	0.00	0.00	0.00
Col45	36	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col45	37	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col45	38	0.29	10.79	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col45	39	0.29	10.79	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col45	40	0.22	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col45	41	0.22	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col45	42	0.22	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col45	43	0.22	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col45	44	0.06	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col45	45	0.06	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col45	46	0.30	10.79	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col45	47	0.14	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col45	48	0.20	10.79	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col45	49	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col45	50	0.08	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col45	51	0.06	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col45	52	0.06	10.79	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col46	1	0.34	8.41	0.00	3.32	0.00	2.65	0.04	0.00	0.04	0.00
Col46	2	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col46	3	0.26	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col46	4	0.26	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col46	5	0.28	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col46	6	0.21	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col46	7	0.21	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col46	8	-0.11	21.18	0.39	3.32	-1.45	2.65	0.01	0.12	0.54	0.00
Col46	9	-0.03	21.18	0.39	3.32	-1.45	2.65	0.00	0.12	0.55	0.00
Col46	10	-0.11	21.18	-0.43	3.32	1.60	2.65	0.01	0.13	0.60	0.00
Col46	11	-0.03	21.18	-0.43	3.32	1.60	2.65	0.00	0.13	0.60	0.00
Col46	12	-0.11	21.18	-0.43	3.32	1.60	2.65	0.01	0.13	0.60	0.00
Col46	13	-0.03	21.18	-0.43	3.32	1.60	2.65	0.00	0.13	0.60	0.00
Col46	14	-0.06	21.18	-0.43	3.32	1.60	2.65	0.00	0.13	0.60	0.00
Col46	15	0.02	8.41	-0.43	3.32	1.60	2.65	0.00	0.13	0.61	0.00
Col46	16	0.18	8.41	-0.32	3.32	1.20	2.65	0.02	0.10	0.48	0.00
Col46	17	0.24	8.41	-0.32	3.32	1.20	2.65	0.03	0.10	0.48	0.00
Col46	18	0.14	8.41	-0.32	3.32	1.20	2.65	0.02	0.10	0.47	0.00
Col46	19	0.20	8.41	-0.32	3.32	1.20	2.65	0.02	0.10	0.48	0.00
Col46	20	0.12	8.41	-0.32	3.32	1.20	2.65	0.01	0.10	0.47	0.00
Col46	21	0.17	8.41	-0.32	3.32	1.20	2.65	0.02	0.10	0.47	0.00
Col46	22	0.07	8.41	-0.32	3.32	1.20	2.65	0.01	0.10	0.46	0.00
Col46	23	0.13	8.41	-0.32	3.32	1.20	2.65	0.02	0.10	0.47	0.00
Col46	24	0.12	8.41	-0.32	3.32	1.20	2.65	0.01	0.10	0.47	0.00
Col46	25	0.17	8.41	-0.32	3.32	1.20	2.65	0.02	0.10	0.47	0.00
Col46	26	0.07	8.41	-0.32	3.32	1.20	2.65	0.01	0.10	0.46	0.00
Col46	27	0.13	8.41	-0.32	3.32	1.20	2.65	0.02	0.10	0.47	0.00
Col46	28	-0.12	21.18	0.39	3.32	-1.45	2.65	0.01	0.12	0.54	0.00



Col46	29	-0.05	21.18	0.39	3.32	-1.45	2.65	0.00	0.12	0.55	0.00
Col46	30	-0.12	21.18	-0.43	3.32	1.60	2.65	0.01	0.13	0.60	0.00
Col46	31	-0.05	21.18	-0.43	3.32	1.60	2.65	0.00	0.13	0.60	0.00
Col46	32	-0.12	21.18	-0.43	3.32	1.60	2.65	0.01	0.13	0.60	0.00
Col46	33	-0.05	21.18	-0.43	3.32	1.60	2.65	0.00	0.13	0.60	0.00
Col46	34	-0.07	21.18	-0.43	3.32	1.60	2.65	0.00	0.13	0.60	0.00
Col46	35	0.01	8.41	-0.43	3.32	1.60	2.65	0.00	0.13	0.61	0.00
Col46	36	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col46	37	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col46	38	0.28	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col46	39	0.28	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col46	40	0.21	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col46	41	0.21	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col46	42	0.21	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col46	43	0.21	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col46	44	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col46	45	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col46	46	0.29	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col46	47	0.14	8.41	-0.32	3.32	1.20	2.65	0.02	0.10	0.47	0.00
Col46	48	0.20	8.41	-0.32	3.32	1.20	2.65	0.02	0.10	0.48	0.00
Col46	49	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col46	50	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col46	51	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col46	52	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col47	1	0.34	8.41	0.00	3.32	0.00	2.65	0.04	0.00	0.04	0.00
Col47	2	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col47	3	0.26	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col47	4	0.26	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col47	5	0.28	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col47	6	0.21	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col47	7	0.21	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col47	8	-0.11	21.18	0.39	3.32	-1.45	2.65	0.01	0.12	0.54	0.00
Col47	9	-0.03	21.18	0.39	3.32	-1.45	2.65	0.00	0.12	0.55	0.00
Col47	10	-0.11	21.18	-0.45	3.32	1.65	2.65	0.01	0.13	0.62	0.00
Col47	11	-0.03	21.18	-0.45	3.32	1.65	2.65	0.00	0.13	0.62	0.00
Col47	12	-0.11	21.18	-0.45	3.32	1.65	2.65	0.01	0.13	0.62	0.00
Col47	13	-0.03	21.18	-0.45	3.32	1.65	2.65	0.00	0.13	0.62	0.00
Col47	14	-0.06	21.18	-0.45	3.32	1.65	2.65	0.00	0.13	0.62	0.00
Col47	15	0.02	8.41	-0.45	3.32	1.65	2.65	0.00	0.13	0.63	0.00
Col47	16	0.18	8.41	-0.33	3.32	1.24	2.65	0.02	0.10	0.49	0.00
Col47	17	0.24	8.41	-0.33	3.32	1.24	2.65	0.03	0.10	0.50	0.00
Col47	18	0.14	8.41	-0.33	3.32	1.24	2.65	0.02	0.10	0.48	0.00
Col47	19	0.20	8.41	-0.33	3.32	1.24	2.65	0.02	0.10	0.49	0.00
Col47	20	0.12	8.41	-0.33	3.32	1.24	2.65	0.01	0.10	0.48	0.00
Col47	21	0.17	8.41	-0.33	3.32	1.24	2.65	0.02	0.10	0.49	0.00
Col47	22	0.07	8.41	-0.33	3.32	1.24	2.65	0.01	0.10	0.48	0.00
Col47	23	0.13	8.41	-0.33	3.32	1.24	2.65	0.02	0.10	0.48	0.00
Col47	24	0.12	8.41	-0.33	3.32	1.24	2.65	0.01	0.10	0.48	0.00
Col47	25	0.17	8.41	-0.33	3.32	1.24	2.65	0.02	0.10	0.49	0.00
Col47	26	0.07	8.41	-0.33	3.32	1.24	2.65	0.01	0.10	0.48	0.00
Col47	27	0.13	8.41	-0.33	3.32	1.24	2.65	0.02	0.10	0.48	0.00
Col47	28	-0.12	21.18	0.39	3.32	-1.45	2.65	0.01	0.12	0.54	0.00
Col47	29	-0.05	21.18	0.39	3.32	-1.45	2.65	0.00	0.12	0.55	0.00
Col47	30	-0.12	21.18	-0.45	3.32	1.65	2.65	0.01	0.13	0.62	0.00
Col47	31	-0.05	21.18	-0.45	3.32	1.65	2.65	0.00	0.13	0.62	0.00
Col47	32	-0.12	21.18	-0.45	3.32	1.65	2.65	0.01	0.13	0.62	0.00
Col47	33	-0.05	21.18	-0.45	3.32	1.65	2.65	0.00	0.13	0.62	0.00
Col47	34	-0.07	21.18	-0.45	3.32	1.65	2.65	0.00	0.13	0.62	0.00
Col47	35	0.01	8.41	-0.45	3.32	1.65	2.65	0.00	0.13	0.62	0.00
Col47	36	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col47	37	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col47	38	0.28	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col47	39	0.28	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col47	40	0.21	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col47	41	0.21	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00

Col147	42	0.21	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col147	43	0.21	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col147	44	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col147	45	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col147	46	0.29	8.41	0.00	3.32	0.00	2.65	0.03	0.00	0.03	0.00
Col147	47	0.14	8.41	-0.33	3.32	1.24	2.65	0.02	0.10	0.48	0.00
Col147	48	0.20	8.41	-0.33	3.32	1.24	2.65	0.02	0.10	0.49	0.00
Col147	49	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col147	50	0.08	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col147	51	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col147	52	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col148	1	0.19	8.41	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col148	2	0.05	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col148	3	0.14	8.41	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col148	4	0.14	8.41	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col148	5	0.15	8.41	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col148	6	0.12	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col148	7	0.12	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col148	8	-0.04	21.18	0.20	3.32	-0.73	2.65	0.00	0.06	0.27	0.00
Col148	9	0.00	21.18	0.20	3.32	-0.73	2.65	0.00	0.06	0.27	0.00
Col148	10	-0.04	21.18	-0.23	3.32	0.86	2.65	0.00	0.07	0.32	0.00
Col148	11	0.00	21.18	-0.23	3.32	0.86	2.65	0.00	0.07	0.32	0.00
Col148	12	-0.04	21.18	-0.23	3.32	0.86	2.65	0.00	0.07	0.32	0.00
Col148	13	0.00	21.18	-0.23	3.32	0.86	2.65	0.00	0.07	0.32	0.00
Col148	14	-0.01	21.18	-0.23	3.32	0.86	2.65	0.00	0.07	0.32	0.00
Col148	15	0.03	8.41	-0.23	3.32	0.86	2.65	0.00	0.07	0.33	0.00
Col148	16	0.11	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.26	0.00
Col148	17	0.14	8.41	-0.17	3.32	0.64	2.65	0.02	0.05	0.26	0.00
Col148	18	0.09	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.25	0.00
Col148	19	0.12	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.26	0.00
Col148	20	0.07	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.25	0.00
Col148	21	0.10	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.26	0.00
Col148	22	0.05	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.25	0.00
Col148	23	0.08	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.25	0.00
Col148	24	0.07	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.25	0.00
Col148	25	0.10	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.26	0.00
Col148	26	0.05	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.25	0.00
Col148	27	0.08	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.25	0.00
Col148	28	-0.05	21.18	0.20	3.32	-0.73	2.65	0.00	0.06	0.27	0.00
Col148	29	-0.01	21.18	0.20	3.32	-0.73	2.65	0.00	0.06	0.27	0.00
Col148	30	-0.05	21.18	-0.23	3.32	0.86	2.65	0.00	0.07	0.32	0.00
Col148	31	-0.01	21.18	-0.23	3.32	0.86	2.65	0.00	0.07	0.32	0.00
Col148	32	-0.05	21.18	-0.23	3.32	0.86	2.65	0.00	0.07	0.32	0.00
Col148	33	-0.01	21.18	-0.23	3.32	0.86	2.65	0.00	0.07	0.32	0.00
Col148	34	-0.02	21.18	-0.23	3.32	0.86	2.65	0.00	0.07	0.32	0.00
Col148	35	0.02	8.41	-0.23	3.32	0.86	2.65	0.00	0.07	0.33	0.00
Col148	36	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col148	37	0.06	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col148	38	0.15	8.41	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col148	39	0.15	8.41	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col148	40	0.12	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col148	41	0.12	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col148	42	0.12	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col148	43	0.12	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col148	44	0.05	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col148	45	0.05	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col148	46	0.16	8.41	0.00	3.32	0.00	2.65	0.02	0.00	0.02	0.00
Col148	47	0.09	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.25	0.00
Col148	48	0.12	8.41	-0.17	3.32	0.64	2.65	0.01	0.05	0.26	0.00
Col148	49	0.05	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col148	50	0.05	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col148	51	0.05	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00
Col148	52	0.05	8.41	0.00	3.32	0.00	2.65	0.01	0.00	0.01	0.00

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Raf7	1	0.00	5.63	0.00	3.77	0.00	1.71	0.00	0.00	0.00	0.00
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Col130	9	0.00	0.00	-0.20
Col130	10	-0.04	0.00	0.23
Col130	11	0.00	0.00	0.23
Col130	12	-0.04	0.00	0.23
Col130	13	0.00	0.00	0.23
Col130	14	-0.01	0.00	0.23
Col130	15	0.03	0.00	0.23
Col130	16	0.11	0.00	0.17
Col130	17	0.14	0.00	0.17
Col130	18	0.09	0.00	0.17
Col130	19	0.12	0.00	0.17
Col130	20	0.07	0.00	0.17
Col130	21	0.10	0.00	0.17
Col130	22	0.05	0.00	0.17
Col130	23	0.08	0.00	0.17
Col130	24	0.07	0.00	0.17
Col130	25	0.10	0.00	0.17
Col130	26	0.05	0.00	0.17
Col130	27	0.08	0.00	0.17
Col130	28	-0.05	0.00	-0.20
Col130	29	-0.01	0.00	-0.20
Col130	30	-0.05	0.00	0.23
Col130	31	-0.01	0.00	0.23
Col130	32	-0.05	0.00	0.23
Col130	33	-0.01	0.00	0.23
Col130	34	-0.02	0.00	0.23
Col130	35	0.02	0.00	0.23
Col130	36	0.06	0.00	0.00
Col130	37	0.06	0.00	0.00
Col130	38	0.15	0.00	0.00
Col130	39	0.15	0.00	0.00
Col130	40	0.12	0.00	0.00
Col130	41	0.12	0.00	0.00
Col130	42	0.12	0.00	0.00
Col130	43	0.12	0.00	0.00
Col130	44	0.05	0.00	0.00
Col130	45	0.05	0.00	0.00
Col130	46	0.16	0.00	0.00
Col130	47	0.09	0.00	0.17
Col130	48	0.12	0.00	0.17
Col130	49	0.05	0.00	0.00
Col130	50	0.05	0.00	0.00
Col130	51	0.05	0.00	0.00
Col130	52	0.05	0.00	0.00
Col131	1	0.34	0.00	0.00
Col131	2	0.08	0.00	0.00
Col131	3	0.26	0.00	0.00
Col131	4	0.26	0.00	0.00
Col131	5	0.28	0.00	0.00
Col131	6	0.21	0.00	0.00
Col131	7	0.21	0.00	0.00
Col131	8	-0.11	0.00	-0.39
Col131	9	-0.03	0.00	-0.39
Col131	10	-0.11	0.00	0.45
Col131	11	-0.03	0.00	0.45
Col131	12	-0.11	0.00	0.45
Col131	13	-0.03	0.00	0.45
Col131	14	-0.06	0.00	0.45
Col131	15	0.02	0.00	0.45
Col131	16	0.18	0.00	0.33
Col131	17	0.24	0.00	0.33
Col131	18	0.14	0.00	0.33
Col131	19	0.20	0.00	0.33
Col131	20	0.12	0.00	0.33
Col131	21	0.17	0.00	0.33



Col131	22	0.07	0.00	0.33
Col131	23	0.13	0.00	0.33
Col131	24	0.12	0.00	0.33
Col131	25	0.17	0.00	0.33
Col131	26	0.07	0.00	0.33
Col131	27	0.13	0.00	0.33
Col131	28	-0.12	0.00	-0.39
Col131	29	-0.05	0.00	-0.39
Col131	30	-0.12	0.00	0.45
Col131	31	-0.05	0.00	0.45
Col131	32	-0.12	0.00	0.45
Col131	33	-0.05	0.00	0.45
Col131	34	-0.07	0.00	0.45
Col131	35	0.01	0.00	0.45
Col131	36	0.08	0.00	0.00
Col131	37	0.08	0.00	0.00
Col131	38	0.28	0.00	0.00
Col131	39	0.28	0.00	0.00
Col131	40	0.21	0.00	0.00
Col131	41	0.21	0.00	0.00
Col131	42	0.21	0.00	0.00
Col131	43	0.21	0.00	0.00
Col131	44	0.06	0.00	0.00
Col131	45	0.06	0.00	0.00
Col131	46	0.29	0.00	0.00
Col131	47	0.14	0.00	0.33
Col131	48	0.20	0.00	0.33
Col131	49	0.08	0.00	0.00
Col131	50	0.08	0.00	0.00
Col131	51	0.06	0.00	0.00
Col131	52	0.06	0.00	0.00
Col132	1	0.34	0.00	0.00
Col132	2	0.08	0.00	0.00
Col132	3	0.26	0.00	0.00
Col132	4	0.26	0.00	0.00
Col132	5	0.28	0.00	0.00
Col132	6	0.21	0.00	0.00
Col132	7	0.21	0.00	0.00
Col132	8	-0.11	0.00	-0.39
Col132	9	-0.03	0.00	-0.39
Col132	10	-0.11	0.00	0.43
Col132	11	-0.03	0.00	0.43
Col132	12	-0.11	0.00	0.43
Col132	13	-0.03	0.00	0.43
Col132	14	-0.06	0.00	0.43
Col132	15	0.02	0.00	0.43
Col132	16	0.18	0.00	0.32
Col132	17	0.24	0.00	0.32
Col132	18	0.14	0.00	0.32
Col132	19	0.20	0.00	0.32
Col132	20	0.12	0.00	0.32
Col132	21	0.17	0.00	0.32
Col132	22	0.07	0.00	0.32
Col132	23	0.13	0.00	0.32
Col132	24	0.12	0.00	0.32
Col132	25	0.17	0.00	0.32
Col132	26	0.07	0.00	0.32
Col132	27	0.13	0.00	0.32
Col132	28	-0.12	0.00	-0.39
Col132	29	-0.05	0.00	-0.39
Col132	30	-0.12	0.00	0.43
Col132	31	-0.05	0.00	0.43
Col132	32	-0.12	0.00	0.43
Col132	33	-0.05	0.00	0.43
Col132	34	-0.07	0.00	0.43

Col132	35	0.01	0.00	0.43
Col132	36	0.08	0.00	0.00
Col132	37	0.08	0.00	0.00
Col132	38	0.28	0.00	0.00
Col132	39	0.28	0.00	0.00
Col132	40	0.21	0.00	0.00
Col132	41	0.21	0.00	0.00
Col132	42	0.21	0.00	0.00
Col132	43	0.21	0.00	0.00
Col132	44	0.06	0.00	0.00
Col132	45	0.06	0.00	0.00
Col132	46	0.29	0.00	0.00
Col132	47	0.14	0.00	0.32
Col132	48	0.20	0.00	0.32
Col132	49	0.08	0.00	0.00
Col132	50	0.08	0.00	0.00
Col132	51	0.06	0.00	0.00
Col132	52	0.06	0.00	0.00
Col133	1	0.35	0.00	0.00
Col133	2	0.08	0.00	0.00
Col133	3	0.26	0.00	0.00
Col133	4	0.26	0.00	0.00
Col133	5	0.28	0.00	0.00
Col133	6	0.22	0.00	0.00
Col133	7	0.22	0.00	0.00
Col133	8	-0.12	0.00	0.00
Col133	9	-0.04	0.00	0.00
Col133	10	-0.12	0.00	0.00
Col133	11	-0.04	0.00	0.00
Col133	12	-0.12	0.00	0.00
Col133	13	-0.04	0.00	0.00
Col133	14	-0.06	0.00	0.00
Col133	15	0.02	0.00	0.00
Col133	16	0.19	0.00	0.00
Col133	17	0.25	0.00	0.00
Col133	18	0.14	0.00	0.00
Col133	19	0.20	0.00	0.00
Col133	20	0.12	0.00	0.00
Col133	21	0.18	0.00	0.00
Col133	22	0.08	0.00	0.00
Col133	23	0.14	0.00	0.00
Col133	24	0.12	0.00	0.00
Col133	25	0.18	0.00	0.00
Col133	26	0.08	0.00	0.00
Col133	27	0.14	0.00	0.00
Col133	28	-0.13	0.00	0.00
Col133	29	-0.05	0.00	0.00
Col133	30	-0.13	0.00	0.00
Col133	31	-0.05	0.00	0.00
Col133	32	-0.13	0.00	0.00
Col133	33	-0.05	0.00	0.00
Col133	34	-0.07	0.00	0.00
Col133	35	0.01	0.00	0.00
Col133	36	0.08	0.00	0.00
Col133	37	0.08	0.00	0.00
Col133	38	0.29	0.00	0.00
Col133	39	0.29	0.00	0.00
Col133	40	0.22	0.00	0.00
Col133	41	0.22	0.00	0.00
Col133	42	0.22	0.00	0.00
Col133	43	0.22	0.00	0.00
Col133	44	0.06	0.00	0.00
Col133	45	0.06	0.00	0.00
Col133	46	0.30	0.00	0.00
Col133	47	0.14	0.00	0.00

Col133	48	0.20	0.00	0.00
Col133	49	0.08	0.00	0.00
Col133	50	0.08	0.00	0.00
Col133	51	0.06	0.00	0.00
Col133	52	0.06	0.00	0.00
Col134	1	0.36	0.00	0.00
Col134	2	0.08	0.00	0.00
Col134	3	0.27	0.00	0.00
Col134	4	0.27	0.00	0.00
Col134	5	0.29	0.00	0.00
Col134	6	0.22	0.00	0.00
Col134	7	0.22	0.00	0.00
Col134	8	-0.12	0.00	-0.42
Col134	9	-0.04	0.00	-0.42
Col134	10	-0.12	0.00	0.46
Col134	11	-0.04	0.00	0.46
Col134	12	-0.12	0.00	0.46
Col134	13	-0.04	0.00	0.46
Col134	14	-0.06	0.00	0.46
Col134	15	0.02	0.00	0.46
Col134	16	0.19	0.00	0.35
Col134	17	0.25	0.00	0.35
Col134	18	0.15	0.00	0.35
Col134	19	0.21	0.00	0.35
Col134	20	0.12	0.00	0.35
Col134	21	0.18	0.00	0.35
Col134	22	0.08	0.00	0.35
Col134	23	0.14	0.00	0.35
Col134	24	0.12	0.00	0.35
Col134	25	0.18	0.00	0.35
Col134	26	0.08	0.00	0.35
Col134	27	0.14	0.00	0.35
Col134	28	-0.13	0.00	-0.42
Col134	29	-0.05	0.00	-0.42
Col134	30	-0.13	0.00	0.46
Col134	31	-0.05	0.00	0.46
Col134	32	-0.13	0.00	0.46
Col134	33	-0.05	0.00	0.46
Col134	34	-0.07	0.00	0.46
Col134	35	0.01	0.00	0.46
Col134	36	0.08	0.00	0.00
Col134	37	0.08	0.00	0.00
Col134	38	0.29	0.00	0.00
Col134	39	0.29	0.00	0.00
Col134	40	0.22	0.00	0.00
Col134	41	0.22	0.00	0.00
Col134	42	0.22	0.00	0.00
Col134	43	0.22	0.00	0.00
Col134	44	0.06	0.00	0.00
Col134	45	0.06	0.00	0.00
Col134	46	0.31	0.00	0.00
Col134	47	0.15	0.00	0.35
Col134	48	0.21	0.00	0.35
Col134	49	0.08	0.00	0.00
Col134	50	0.08	0.00	0.00
Col134	51	0.06	0.00	0.00
Col134	52	0.06	0.00	0.00
Col135	1	0.36	0.00	0.00
Col135	2	0.08	0.00	0.00
Col135	3	0.27	0.00	0.00
Col135	4	0.27	0.00	0.00
Col135	5	0.29	0.00	0.00
Col135	6	0.22	0.00	0.00
Col135	7	0.22	0.00	0.00
Col135	8	-0.12	0.00	-0.42

Col135	9	-0.04	0.00	-0.42
Col135	10	-0.12	0.00	0.46
Col135	11	-0.04	0.00	0.46
Col135	12	-0.12	0.00	0.46
Col135	13	-0.04	0.00	0.46
Col135	14	-0.06	0.00	0.46
Col135	15	0.02	0.00	0.46
Col135	16	0.19	0.00	0.35
Col135	17	0.25	0.00	0.35
Col135	18	0.15	0.00	0.35
Col135	19	0.21	0.00	0.35
Col135	20	0.12	0.00	0.35
Col135	21	0.18	0.00	0.35
Col135	22	0.08	0.00	0.35
Col135	23	0.14	0.00	0.35
Col135	24	0.12	0.00	0.35
Col135	25	0.18	0.00	0.35
Col135	26	0.08	0.00	0.35
Col135	27	0.14	0.00	0.35
Col135	28	-0.13	0.00	-0.42
Col135	29	-0.05	0.00	-0.42
Col135	30	-0.13	0.00	0.46
Col135	31	-0.05	0.00	0.46
Col135	32	-0.13	0.00	0.46
Col135	33	-0.05	0.00	0.46
Col135	34	-0.07	0.00	0.46
Col135	35	0.01	0.00	0.46
Col135	36	0.08	0.00	0.00
Col135	37	0.08	0.00	0.00
Col135	38	0.29	0.00	0.00
Col135	39	0.29	0.00	0.00
Col135	40	0.22	0.00	0.00
Col135	41	0.22	0.00	0.00
Col135	42	0.22	0.00	0.00
Col135	43	0.22	0.00	0.00
Col135	44	0.06	0.00	0.00
Col135	45	0.06	0.00	0.00
Col135	46	0.31	0.00	0.00
Col135	47	0.15	0.00	0.35
Col135	48	0.21	0.00	0.35
Col135	49	0.08	0.00	0.00
Col135	50	0.08	0.00	0.00
Col135	51	0.06	0.00	0.00
Col135	52	0.06	0.00	0.00
Col136	1	0.36	0.00	0.00
Col136	2	0.08	0.00	0.00
Col136	3	0.27	0.00	0.00
Col136	4	0.27	0.00	0.00
Col136	5	0.29	0.00	0.00
Col136	6	0.22	0.00	0.00
Col136	7	0.22	0.00	0.00
Col136	8	-0.12	0.00	0.00
Col136	9	-0.04	0.00	0.00
Col136	10	-0.12	0.00	0.00
Col136	11	-0.04	0.00	0.00
Col136	12	-0.12	0.00	0.00
Col136	13	-0.04	0.00	0.00
Col136	14	-0.06	0.00	0.00
Col136	15	0.02	0.00	0.00
Col136	16	0.19	0.00	0.00
Col136	17	0.25	0.00	0.00
Col136	18	0.15	0.00	0.00
Col136	19	0.21	0.00	0.00
Col136	20	0.12	0.00	0.00
Col136	21	0.18	0.00	0.00

Col136	22	0.08	0.00	0.00
Col136	23	0.14	0.00	0.00
Col136	24	0.12	0.00	0.00
Col136	25	0.18	0.00	0.00
Col136	26	0.08	0.00	0.00
Col136	27	0.14	0.00	0.00
Col136	28	-0.13	0.00	0.00
Col136	29	-0.05	0.00	0.00
Col136	30	-0.13	0.00	0.00
Col136	31	-0.05	0.00	0.00
Col136	32	-0.13	0.00	0.00
Col136	33	-0.05	0.00	0.00
Col136	34	-0.07	0.00	0.00
Col136	35	0.01	0.00	0.00
Col136	36	0.08	0.00	0.00
Col136	37	0.08	0.00	0.00
Col136	38	0.29	0.00	0.00
Col136	39	0.29	0.00	0.00
Col136	40	0.22	0.00	0.00
Col136	41	0.22	0.00	0.00
Col136	42	0.22	0.00	0.00
Col136	43	0.22	0.00	0.00
Col136	44	0.06	0.00	0.00
Col136	45	0.06	0.00	0.00
Col136	46	0.31	0.00	0.00
Col136	47	0.15	0.00	0.00
Col136	48	0.21	0.00	0.00
Col136	49	0.08	0.00	0.00
Col136	50	0.08	0.00	0.00
Col136	51	0.06	0.00	0.00
Col136	52	0.06	0.00	0.00
Col137	1	0.36	0.00	0.00
Col137	2	0.08	0.00	0.00
Col137	3	0.27	0.00	0.00
Col137	4	0.27	0.00	0.00
Col137	5	0.29	0.00	0.00
Col137	6	0.22	0.00	0.00
Col137	7	0.22	0.00	0.00
Col137	8	-0.12	0.00	-0.42
Col137	9	-0.04	0.00	-0.42
Col137	10	-0.12	0.00	0.46
Col137	11	-0.04	0.00	0.46
Col137	12	-0.12	0.00	0.46
Col137	13	-0.04	0.00	0.46
Col137	14	-0.06	0.00	0.46
Col137	15	0.02	0.00	0.46
Col137	16	0.19	0.00	0.35
Col137	17	0.25	0.00	0.35
Col137	18	0.15	0.00	0.35
Col137	19	0.21	0.00	0.35
Col137	20	0.12	0.00	0.35
Col137	21	0.18	0.00	0.35
Col137	22	0.08	0.00	0.35
Col137	23	0.14	0.00	0.35
Col137	24	0.12	0.00	0.35
Col137	25	0.18	0.00	0.35
Col137	26	0.08	0.00	0.35
Col137	27	0.14	0.00	0.35
Col137	28	-0.13	0.00	-0.42
Col137	29	-0.05	0.00	-0.42
Col137	30	-0.13	0.00	0.46
Col137	31	-0.05	0.00	0.46
Col137	32	-0.13	0.00	0.46
Col137	33	-0.05	0.00	0.46
Col137	34	-0.07	0.00	0.46

Col137	35	0.01	0.00	0.46
Col137	36	0.08	0.00	0.00
Col137	37	0.08	0.00	0.00
Col137	38	0.29	0.00	0.00
Col137	39	0.29	0.00	0.00
Col137	40	0.22	0.00	0.00
Col137	41	0.22	0.00	0.00
Col137	42	0.22	0.00	0.00
Col137	43	0.22	0.00	0.00
Col137	44	0.06	0.00	0.00
Col137	45	0.06	0.00	0.00
Col137	46	0.31	0.00	0.00
Col137	47	0.15	0.00	0.35
Col137	48	0.21	0.00	0.35
Col137	49	0.08	0.00	0.00
Col137	50	0.08	0.00	0.00
Col137	51	0.06	0.00	0.00
Col137	52	0.06	0.00	0.00
Col138	1	0.36	0.00	0.00
Col138	2	0.08	0.00	0.00
Col138	3	0.27	0.00	0.00
Col138	4	0.27	0.00	0.00
Col138	5	0.29	0.00	0.00
Col138	6	0.22	0.00	0.00
Col138	7	0.22	0.00	0.00
Col138	8	-0.12	0.00	-0.42
Col138	9	-0.04	0.00	-0.42
Col138	10	-0.12	0.00	0.46
Col138	11	-0.04	0.00	0.46
Col138	12	-0.12	0.00	0.46
Col138	13	-0.04	0.00	0.46
Col138	14	-0.06	0.00	0.46
Col138	15	0.02	0.00	0.46
Col138	16	0.19	0.00	0.35
Col138	17	0.25	0.00	0.35
Col138	18	0.15	0.00	0.35
Col138	19	0.21	0.00	0.35
Col138	20	0.12	0.00	0.35
Col138	21	0.18	0.00	0.35
Col138	22	0.08	0.00	0.35
Col138	23	0.14	0.00	0.35
Col138	24	0.12	0.00	0.35
Col138	25	0.18	0.00	0.35
Col138	26	0.08	0.00	0.35
Col138	27	0.14	0.00	0.35
Col138	28	-0.13	0.00	-0.42
Col138	29	-0.05	0.00	-0.42
Col138	30	-0.13	0.00	0.46
Col138	31	-0.05	0.00	0.46
Col138	32	-0.13	0.00	0.46
Col138	33	-0.05	0.00	0.46
Col138	34	-0.07	0.00	0.46
Col138	35	0.01	0.00	0.46
Col138	36	0.08	0.00	0.00
Col138	37	0.08	0.00	0.00
Col138	38	0.29	0.00	0.00
Col138	39	0.29	0.00	0.00
Col138	40	0.22	0.00	0.00
Col138	41	0.22	0.00	0.00
Col138	42	0.22	0.00	0.00
Col138	43	0.22	0.00	0.00
Col138	44	0.06	0.00	0.00
Col138	45	0.06	0.00	0.00
Col138	46	0.31	0.00	0.00
Col138	47	0.15	0.00	0.35

Col138	48	0.21	0.00	0.35
Col138	49	0.08	0.00	0.00
Col138	50	0.08	0.00	0.00
Col138	51	0.06	0.00	0.00
Col138	52	0.06	0.00	0.00
Col139	1	0.36	0.00	0.00
Col139	2	0.08	0.00	0.00
Col139	3	0.27	0.00	0.00
Col139	4	0.27	0.00	0.00
Col139	5	0.29	0.00	0.00
Col139	6	0.22	0.00	0.00
Col139	7	0.22	0.00	0.00
Col139	8	-0.12	0.00	0.00
Col139	9	-0.04	0.00	0.00
Col139	10	-0.12	0.00	0.00
Col139	11	-0.04	0.00	0.00
Col139	12	-0.12	0.00	0.00
Col139	13	-0.04	0.00	0.00
Col139	14	-0.06	0.00	0.00
Col139	15	0.02	0.00	0.00
Col139	16	0.19	0.00	0.00
Col139	17	0.25	0.00	0.00
Col139	18	0.15	0.00	0.00
Col139	19	0.21	0.00	0.00
Col139	20	0.12	0.00	0.00
Col139	21	0.18	0.00	0.00
Col139	22	0.08	0.00	0.00
Col139	23	0.14	0.00	0.00
Col139	24	0.12	0.00	0.00
Col139	25	0.18	0.00	0.00
Col139	26	0.08	0.00	0.00
Col139	27	0.14	0.00	0.00
Col139	28	-0.13	0.00	0.00
Col139	29	-0.05	0.00	0.00
Col139	30	-0.13	0.00	0.00
Col139	31	-0.05	0.00	0.00
Col139	32	-0.13	0.00	0.00
Col139	33	-0.05	0.00	0.00
Col139	34	-0.07	0.00	0.00
Col139	35	0.01	0.00	0.00
Col139	36	0.08	0.00	0.00
Col139	37	0.08	0.00	0.00
Col139	38	0.29	0.00	0.00
Col139	39	0.29	0.00	0.00
Col139	40	0.22	0.00	0.00
Col139	41	0.22	0.00	0.00
Col139	42	0.22	0.00	0.00
Col139	43	0.22	0.00	0.00
Col139	44	0.06	0.00	0.00
Col139	45	0.06	0.00	0.00
Col139	46	0.31	0.00	0.00
Col139	47	0.15	0.00	0.00
Col139	48	0.21	0.00	0.00
Col139	49	0.08	0.00	0.00
Col139	50	0.08	0.00	0.00
Col139	51	0.06	0.00	0.00
Col139	52	0.06	0.00	0.00
Col140	1	0.36	0.00	0.00
Col140	2	0.08	0.00	0.00
Col140	3	0.27	0.00	0.00
Col140	4	0.27	0.00	0.00
Col140	5	0.29	0.00	0.00
Col140	6	0.22	0.00	0.00
Col140	7	0.22	0.00	0.00
Col140	8	-0.12	0.00	-0.42

Col140	9	-0.04	0.00	-0.42
Col140	10	-0.12	0.00	0.46
Col140	11	-0.04	0.00	0.46
Col140	12	-0.12	0.00	0.46
Col140	13	-0.04	0.00	0.46
Col140	14	-0.06	0.00	0.46
Col140	15	0.02	0.00	0.46
Col140	16	0.19	0.00	0.35
Col140	17	0.25	0.00	0.35
Col140	18	0.15	0.00	0.35
Col140	19	0.21	0.00	0.35
Col140	20	0.12	0.00	0.35
Col140	21	0.18	0.00	0.35
Col140	22	0.08	0.00	0.35
Col140	23	0.14	0.00	0.35
Col140	24	0.12	0.00	0.35
Col140	25	0.18	0.00	0.35
Col140	26	0.08	0.00	0.35
Col140	27	0.14	0.00	0.35
Col140	28	-0.13	0.00	-0.42
Col140	29	-0.05	0.00	-0.42
Col140	30	-0.13	0.00	0.46
Col140	31	-0.05	0.00	0.46
Col140	32	-0.13	0.00	0.46
Col140	33	-0.05	0.00	0.46
Col140	34	-0.07	0.00	0.46
Col140	35	0.01	0.00	0.46
Col140	36	0.08	0.00	0.00
Col140	37	0.08	0.00	0.00
Col140	38	0.29	0.00	0.00
Col140	39	0.29	0.00	0.00
Col140	40	0.22	0.00	0.00
Col140	41	0.22	0.00	0.00
Col140	42	0.22	0.00	0.00
Col140	43	0.22	0.00	0.00
Col140	44	0.06	0.00	0.00
Col140	45	0.06	0.00	0.00
Col140	46	0.31	0.00	0.00
Col140	47	0.15	0.00	0.35
Col140	48	0.21	0.00	0.35
Col140	49	0.08	0.00	0.00
Col140	50	0.08	0.00	0.00
Col140	51	0.06	0.00	0.00
Col140	52	0.06	0.00	0.00
Col141	1	0.36	0.00	0.00
Col141	2	0.08	0.00	0.00
Col141	3	0.27	0.00	0.00
Col141	4	0.27	0.00	0.00
Col141	5	0.29	0.00	0.00
Col141	6	0.22	0.00	0.00
Col141	7	0.22	0.00	0.00
Col141	8	-0.12	0.00	-0.42
Col141	9	-0.04	0.00	-0.42
Col141	10	-0.12	0.00	0.46
Col141	11	-0.04	0.00	0.46
Col141	12	-0.12	0.00	0.46
Col141	13	-0.04	0.00	0.46
Col141	14	-0.06	0.00	0.46
Col141	15	0.02	0.00	0.46
Col141	16	0.19	0.00	0.35
Col141	17	0.25	0.00	0.35
Col141	18	0.15	0.00	0.35
Col141	19	0.21	0.00	0.35
Col141	20	0.12	0.00	0.35
Col141	21	0.18	0.00	0.35



Col41	22	0.08	0.00	0.35
Col41	23	0.14	0.00	0.35
Col41	24	0.12	0.00	0.35
Col41	25	0.18	0.00	0.35
Col41	26	0.08	0.00	0.35
Col41	27	0.14	0.00	0.35
Col41	28	-0.13	0.00	-0.42
Col41	29	-0.05	0.00	-0.42
Col41	30	-0.13	0.00	0.46
Col41	31	-0.05	0.00	0.46
Col41	32	-0.13	0.00	0.46
Col41	33	-0.05	0.00	0.46
Col41	34	-0.07	0.00	0.46
Col41	35	0.01	0.00	0.46
Col41	36	0.08	0.00	0.00
Col41	37	0.08	0.00	0.00
Col41	38	0.29	0.00	0.00
Col41	39	0.29	0.00	0.00
Col41	40	0.22	0.00	0.00
Col41	41	0.22	0.00	0.00
Col41	42	0.22	0.00	0.00
Col41	43	0.22	0.00	0.00
Col41	44	0.06	0.00	0.00
Col41	45	0.06	0.00	0.00
Col41	46	0.31	0.00	0.00
Col41	47	0.15	0.00	0.35
Col41	48	0.21	0.00	0.35
Col41	49	0.08	0.00	0.00
Col41	50	0.08	0.00	0.00
Col41	51	0.06	0.00	0.00
Col41	52	0.06	0.00	0.00
Col42	1	0.36	0.00	0.00
Col42	2	0.08	0.00	0.00
Col42	3	0.27	0.00	0.00
Col42	4	0.27	0.00	0.00
Col42	5	0.29	0.00	0.00
Col42	6	0.22	0.00	0.00
Col42	7	0.22	0.00	0.00
Col42	8	-0.12	0.00	0.00
Col42	9	-0.04	0.00	0.00
Col42	10	-0.12	0.00	0.00
Col42	11	-0.04	0.00	0.00
Col42	12	-0.12	0.00	0.00
Col42	13	-0.04	0.00	0.00
Col42	14	-0.06	0.00	0.00
Col42	15	0.02	0.00	0.00
Col42	16	0.19	0.00	0.00
Col42	17	0.25	0.00	0.00
Col42	18	0.15	0.00	0.00
Col42	19	0.21	0.00	0.00
Col42	20	0.12	0.00	0.00
Col42	21	0.18	0.00	0.00
Col42	22	0.08	0.00	0.00
Col42	23	0.14	0.00	0.00
Col42	24	0.12	0.00	0.00
Col42	25	0.18	0.00	0.00
Col42	26	0.08	0.00	0.00
Col42	27	0.14	0.00	0.00
Col42	28	-0.13	0.00	0.00
Col42	29	-0.05	0.00	0.00
Col42	30	-0.13	0.00	0.00
Col42	31	-0.05	0.00	0.00
Col42	32	-0.13	0.00	0.00
Col42	33	-0.05	0.00	0.00
Col42	34	-0.07	0.00	0.00

Col42	35	0.01	0.00	0.00
Col42	36	0.08	0.00	0.00
Col42	37	0.08	0.00	0.00
Col42	38	0.29	0.00	0.00
Col42	39	0.29	0.00	0.00
Col42	40	0.22	0.00	0.00
Col42	41	0.22	0.00	0.00
Col42	42	0.22	0.00	0.00
Col42	43	0.22	0.00	0.00
Col42	44	0.06	0.00	0.00
Col42	45	0.06	0.00	0.00
Col42	46	0.31	0.00	0.00
Col42	47	0.15	0.00	0.00
Col42	48	0.21	0.00	0.00
Col42	49	0.08	0.00	0.00
Col42	50	0.08	0.00	0.00
Col42	51	0.06	0.00	0.00
Col42	52	0.06	0.00	0.00
Col43	1	0.36	0.00	0.00
Col43	2	0.08	0.00	0.00
Col43	3	0.27	0.00	0.00
Col43	4	0.27	0.00	0.00
Col43	5	0.29	0.00	0.00
Col43	6	0.22	0.00	0.00
Col43	7	0.22	0.00	0.00
Col43	8	-0.12	0.00	-0.42
Col43	9	-0.04	0.00	-0.42
Col43	10	-0.12	0.00	0.46
Col43	11	-0.04	0.00	0.46
Col43	12	-0.12	0.00	0.46
Col43	13	-0.04	0.00	0.46
Col43	14	-0.06	0.00	0.46
Col43	15	0.02	0.00	0.46
Col43	16	0.19	0.00	0.35
Col43	17	0.25	0.00	0.35
Col43	18	0.15	0.00	0.35
Col43	19	0.21	0.00	0.35
Col43	20	0.12	0.00	0.35
Col43	21	0.18	0.00	0.35
Col43	22	0.08	0.00	0.35
Col43	23	0.14	0.00	0.35
Col43	24	0.12	0.00	0.35
Col43	25	0.18	0.00	0.35
Col43	26	0.08	0.00	0.35
Col43	27	0.14	0.00	0.35
Col43	28	-0.13	0.00	-0.42
Col43	29	-0.05	0.00	-0.42
Col43	30	-0.13	0.00	0.46
Col43	31	-0.05	0.00	0.46
Col43	32	-0.13	0.00	0.46
Col43	33	-0.05	0.00	0.46
Col43	34	-0.07	0.00	0.46
Col43	35	0.01	0.00	0.46
Col43	36	0.08	0.00	0.00
Col43	37	0.08	0.00	0.00
Col43	38	0.29	0.00	0.00
Col43	39	0.29	0.00	0.00
Col43	40	0.22	0.00	0.00
Col43	41	0.22	0.00	0.00
Col43	42	0.22	0.00	0.00
Col43	43	0.22	0.00	0.00
Col43	44	0.06	0.00	0.00
Col43	45	0.06	0.00	0.00
Col43	46	0.31	0.00	0.00
Col43	47	0.15	0.00	0.35

Col43	48	0.21	0.00	0.35
Col43	49	0.08	0.00	0.00
Col43	50	0.08	0.00	0.00
Col43	51	0.06	0.00	0.00
Col43	52	0.06	0.00	0.00
Col44	1	0.36	0.00	0.00
Col44	2	0.08	0.00	0.00
Col44	3	0.27	0.00	0.00
Col44	4	0.27	0.00	0.00
Col44	5	0.29	0.00	0.00
Col44	6	0.22	0.00	0.00
Col44	7	0.22	0.00	0.00
Col44	8	-0.12	0.00	-0.42
Col44	9	-0.04	0.00	-0.42
Col44	10	-0.12	0.00	0.46
Col44	11	-0.04	0.00	0.46
Col44	12	-0.12	0.00	0.46
Col44	13	-0.04	0.00	0.46
Col44	14	-0.06	0.00	0.46
Col44	15	0.02	0.00	0.46
Col44	16	0.19	0.00	0.35
Col44	17	0.25	0.00	0.35
Col44	18	0.15	0.00	0.35
Col44	19	0.21	0.00	0.35
Col44	20	0.12	0.00	0.35
Col44	21	0.18	0.00	0.35
Col44	22	0.08	0.00	0.35
Col44	23	0.14	0.00	0.35
Col44	24	0.12	0.00	0.35
Col44	25	0.18	0.00	0.35
Col44	26	0.08	0.00	0.35
Col44	27	0.14	0.00	0.35
Col44	28	-0.13	0.00	-0.42
Col44	29	-0.05	0.00	-0.42
Col44	30	-0.13	0.00	0.46
Col44	31	-0.05	0.00	0.46
Col44	32	-0.13	0.00	0.46
Col44	33	-0.05	0.00	0.46
Col44	34	-0.07	0.00	0.46
Col44	35	0.01	0.00	0.46
Col44	36	0.08	0.00	0.00
Col44	37	0.08	0.00	0.00
Col44	38	0.29	0.00	0.00
Col44	39	0.29	0.00	0.00
Col44	40	0.22	0.00	0.00
Col44	41	0.22	0.00	0.00
Col44	42	0.22	0.00	0.00
Col44	43	0.22	0.00	0.00
Col44	44	0.06	0.00	0.00
Col44	45	0.06	0.00	0.00
Col44	46	0.31	0.00	0.00
Col44	47	0.15	0.00	0.35
Col44	48	0.21	0.00	0.35
Col44	49	0.08	0.00	0.00
Col44	50	0.08	0.00	0.00
Col44	51	0.06	0.00	0.00
Col44	52	0.06	0.00	0.00
Col45	1	0.35	0.00	0.00
Col45	2	0.08	0.00	0.00
Col45	3	0.26	0.00	0.00
Col45	4	0.26	0.00	0.00
Col45	5	0.28	0.00	0.00
Col45	6	0.22	0.00	0.00
Col45	7	0.22	0.00	0.00
Col45	8	-0.12	0.00	0.00

Col45	9	-0.04	0.00	0.00
Col45	10	-0.12	0.00	0.00
Col45	11	-0.04	0.00	0.00
Col45	12	-0.12	0.00	0.00
Col45	13	-0.04	0.00	0.00
Col45	14	-0.06	0.00	0.00
Col45	15	0.02	0.00	0.00
Col45	16	0.19	0.00	0.00
Col45	17	0.25	0.00	0.00
Col45	18	0.14	0.00	0.00
Col45	19	0.20	0.00	0.00
Col45	20	0.12	0.00	0.00
Col45	21	0.18	0.00	0.00
Col45	22	0.08	0.00	0.00
Col45	23	0.14	0.00	0.00
Col45	24	0.12	0.00	0.00
Col45	25	0.18	0.00	0.00
Col45	26	0.08	0.00	0.00
Col45	27	0.14	0.00	0.00
Col45	28	-0.13	0.00	0.00
Col45	29	-0.05	0.00	0.00
Col45	30	-0.13	0.00	0.00
Col45	31	-0.05	0.00	0.00
Col45	32	-0.13	0.00	0.00
Col45	33	-0.05	0.00	0.00
Col45	34	-0.07	0.00	0.00
Col45	35	0.01	0.00	0.00
Col45	36	0.08	0.00	0.00
Col45	37	0.08	0.00	0.00
Col45	38	0.29	0.00	0.00
Col45	39	0.29	0.00	0.00
Col45	40	0.22	0.00	0.00
Col45	41	0.22	0.00	0.00
Col45	42	0.22	0.00	0.00
Col45	43	0.22	0.00	0.00
Col45	44	0.06	0.00	0.00
Col45	45	0.06	0.00	0.00
Col45	46	0.30	0.00	0.00
Col45	47	0.14	0.00	0.00
Col45	48	0.20	0.00	0.00
Col45	49	0.08	0.00	0.00
Col45	50	0.08	0.00	0.00
Col45	51	0.06	0.00	0.00
Col45	52	0.06	0.00	0.00
Col46	1	0.34	0.00	0.00
Col46	2	0.08	0.00	0.00
Col46	3	0.26	0.00	0.00
Col46	4	0.26	0.00	0.00
Col46	5	0.28	0.00	0.00
Col46	6	0.21	0.00	0.00
Col46	7	0.21	0.00	0.00
Col46	8	-0.11	0.00	-0.39
Col46	9	-0.03	0.00	-0.39
Col46	10	-0.11	0.00	0.43
Col46	11	-0.03	0.00	0.43
Col46	12	-0.11	0.00	0.43
Col46	13	-0.03	0.00	0.43
Col46	14	-0.06	0.00	0.43
Col46	15	0.02	0.00	0.43
Col46	16	0.18	0.00	0.32
Col46	17	0.24	0.00	0.32
Col46	18	0.14	0.00	0.32
Col46	19	0.20	0.00	0.32
Col46	20	0.12	0.00	0.32
Col46	21	0.17	0.00	0.32

Col46	22	0.07	0.00	0.32
Col46	23	0.13	0.00	0.32
Col46	24	0.12	0.00	0.32
Col46	25	0.17	0.00	0.32
Col46	26	0.07	0.00	0.32
Col46	27	0.13	0.00	0.32
Col46	28	-0.12	0.00	-0.39
Col46	29	-0.05	0.00	-0.39
Col46	30	-0.12	0.00	0.43
Col46	31	-0.05	0.00	0.43
Col46	32	-0.12	0.00	0.43
Col46	33	-0.05	0.00	0.43
Col46	34	-0.07	0.00	0.43
Col46	35	0.01	0.00	0.43
Col46	36	0.08	0.00	0.00
Col46	37	0.08	0.00	0.00
Col46	38	0.28	0.00	0.00
Col46	39	0.28	0.00	0.00
Col46	40	0.21	0.00	0.00
Col46	41	0.21	0.00	0.00
Col46	42	0.21	0.00	0.00
Col46	43	0.21	0.00	0.00
Col46	44	0.06	0.00	0.00
Col46	45	0.06	0.00	0.00
Col46	46	0.29	0.00	0.00
Col46	47	0.14	0.00	0.32
Col46	48	0.20	0.00	0.32
Col46	49	0.08	0.00	0.00
Col46	50	0.08	0.00	0.00
Col46	51	0.06	0.00	0.00
Col46	52	0.06	0.00	0.00
Col47	1	0.34	0.00	0.00
Col47	2	0.08	0.00	0.00
Col47	3	0.26	0.00	0.00
Col47	4	0.26	0.00	0.00
Col47	5	0.28	0.00	0.00
Col47	6	0.21	0.00	0.00
Col47	7	0.21	0.00	0.00
Col47	8	-0.11	0.00	-0.39
Col47	9	-0.03	0.00	-0.39
Col47	10	-0.11	0.00	0.45
Col47	11	-0.03	0.00	0.45
Col47	12	-0.11	0.00	0.45
Col47	13	-0.03	0.00	0.45
Col47	14	-0.06	0.00	0.45
Col47	15	0.02	0.00	0.45
Col47	16	0.18	0.00	0.33
Col47	17	0.24	0.00	0.33
Col47	18	0.14	0.00	0.33
Col47	19	0.20	0.00	0.33
Col47	20	0.12	0.00	0.33
Col47	21	0.17	0.00	0.33
Col47	22	0.07	0.00	0.33
Col47	23	0.13	0.00	0.33
Col47	24	0.12	0.00	0.33
Col47	25	0.17	0.00	0.33
Col47	26	0.07	0.00	0.33
Col47	27	0.13	0.00	0.33
Col47	28	-0.12	0.00	-0.39
Col47	29	-0.05	0.00	-0.39
Col47	30	-0.12	0.00	0.45
Col47	31	-0.05	0.00	0.45
Col47	32	-0.12	0.00	0.45
Col47	33	-0.05	0.00	0.45
Col47	34	-0.07	0.00	0.45

Col47	35	0.01	0.00	0.45
Col47	36	0.08	0.00	0.00
Col47	37	0.08	0.00	0.00
Col47	38	0.28	0.00	0.00
Col47	39	0.28	0.00	0.00
Col47	40	0.21	0.00	0.00
Col47	41	0.21	0.00	0.00
Col47	42	0.21	0.00	0.00
Col47	43	0.21	0.00	0.00
Col47	44	0.06	0.00	0.00
Col47	45	0.06	0.00	0.00
Col47	46	0.29	0.00	0.00
Col47	47	0.14	0.00	0.33
Col47	48	0.20	0.00	0.33
Col47	49	0.08	0.00	0.00
Col47	50	0.08	0.00	0.00
Col47	51	0.06	0.00	0.00
Col47	52	0.06	0.00	0.00
Col48	1	0.19	0.00	0.00
Col48	2	0.05	0.00	0.00
Col48	3	0.14	0.00	0.00
Col48	4	0.14	0.00	0.00
Col48	5	0.15	0.00	0.00
Col48	6	0.12	0.00	0.00
Col48	7	0.12	0.00	0.00
Col48	8	-0.04	0.00	-0.20
Col48	9	0.00	0.00	-0.20
Col48	10	-0.04	0.00	0.23
Col48	11	0.00	0.00	0.23
Col48	12	-0.04	0.00	0.23
Col48	13	0.00	0.00	0.23
Col48	14	-0.01	0.00	0.23
Col48	15	0.03	0.00	0.23
Col48	16	0.11	0.00	0.17
Col48	17	0.14	0.00	0.17
Col48	18	0.09	0.00	0.17
Col48	19	0.12	0.00	0.17
Col48	20	0.07	0.00	0.17
Col48	21	0.10	0.00	0.17
Col48	22	0.05	0.00	0.17
Col48	23	0.08	0.00	0.17
Col48	24	0.07	0.00	0.17
Col48	25	0.10	0.00	0.17
Col48	26	0.05	0.00	0.17
Col48	27	0.08	0.00	0.17
Col48	28	-0.05	0.00	-0.20
Col48	29	-0.01	0.00	-0.20
Col48	30	-0.05	0.00	0.23
Col48	31	-0.01	0.00	0.23
Col48	32	-0.05	0.00	0.23
Col48	33	-0.01	0.00	0.23
Col48	34	-0.02	0.00	0.23
Col48	35	0.02	0.00	0.23
Col48	36	0.06	0.00	0.00
Col48	37	0.06	0.00	0.00
Col48	38	0.15	0.00	0.00
Col48	39	0.15	0.00	0.00
Col48	40	0.12	0.00	0.00
Col48	41	0.12	0.00	0.00
Col48	42	0.12	0.00	0.00
Col48	43	0.12	0.00	0.00
Col48	44	0.05	0.00	0.00
Col48	45	0.05	0.00	0.00
Col48	46	0.16	0.00	0.00
Col48	47	0.09	0.00	0.17

Col48	48	0.12	0.00	0.17
Col48	49	0.05	0.00	0.00
Col48	50	0.05	0.00	0.00
Col48	51	0.05	0.00	0.00
Col48	52	0.05	0.00	0.00

COLUMN DEFLECTIONS:

Id	Load	Deflection (in)	
	Id	Calc	Limit
-----	-----	-----	-----
Col30	1	0.00	0.99
Col30	2	0.00	0.99
Col30	3	0.00	0.99
Col30	4	0.00	0.99
Col30	5	0.00	0.99
Col30	6	0.00	0.99
Col30	7	0.00	0.99
Col30	8	-0.26	0.99
Col30	9	-0.26	0.99
Col30	10	0.30	0.99
Col30	11	0.30	0.99
Col30	12	0.30	0.99
Col30	13	0.30	0.99
Col30	14	0.30	0.99
Col30	15	0.30	0.99
Col30	16	0.23	0.99
Col30	17	0.23	0.99
Col30	18	0.23	0.99
Col30	19	0.23	0.99
Col30	20	0.23	0.99
Col30	21	0.23	0.99
Col30	22	0.23	0.99
Col30	23	0.23	0.99
Col30	24	0.23	0.99
Col30	25	0.23	0.99
Col30	26	0.23	0.99
Col30	27	0.23	0.99
Col30	28	-0.26	0.99
Col30	29	-0.26	0.99
Col30	30	0.30	0.99
Col30	31	0.30	0.99
Col30	32	0.30	0.99
Col30	33	0.30	0.99
Col30	34	0.30	0.99
Col30	35	0.30	0.99
Col30	36	0.00	0.99
Col30	37	0.00	0.99
Col30	38	0.00	0.99
Col30	39	0.00	0.99
Col30	40	0.00	0.99
Col30	41	0.00	0.99
Col30	42	0.00	0.99
Col30	43	0.00	0.99
Col30	44	0.00	0.99
Col30	45	0.00	0.99
Col30	46	0.00	0.99
Col30	47	0.14	0.99
Col30	48	0.14	0.99
Col31	1	0.00	0.99
Col31	2	0.00	0.99
Col31	3	0.00	0.99
Col31	4	0.00	0.99
Col31	5	0.00	0.99
Col31	6	0.00	0.99

Col131	7	0.00	0.99
Col131	8	-0.52	0.99
Col131	9	-0.52	0.99
Col131	10	0.59	0.99
Col131	11	0.59	0.99
Col131	12	0.59	0.99
Col131	13	0.59	0.99
Col131	14	0.59	0.99
Col131	15	0.59	0.99
Col131	16	0.44	0.99
Col131	17	0.44	0.99
Col131	18	0.44	0.99
Col131	19	0.44	0.99
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Col43	22	0.45	0.99
Col43	23	0.45	0.99
Col43	24	0.45	0.99
Col43	25	0.45	0.99
Col43	26	0.45	0.99
Col43	27	0.45	0.99
Col43	28	-0.55	0.99
Col43	29	-0.55	0.99
Col43	30	0.61	0.99
Col43	31	0.61	0.99
Col43	32	0.61	0.99
Col43	33	0.61	0.99
Col43	34	0.61	0.99
Col43	35	0.61	0.99
Col43	36	0.00	0.99
Col43	37	0.00	0.99
Col43	38	0.00	0.99
Col43	39	0.00	0.99
Col43	40	0.00	0.99
Col43	41	0.00	0.99
Col43	42	0.00	0.99
Col43	43	0.00	0.99
Col43	44	0.00	0.99
Col43	45	0.00	0.99
Col43	46	0.00	0.99
Col43	47	0.27	0.99
Col43	48	0.27	0.99
Col44	1	0.00	0.99
Col44	2	0.00	0.99
Col44	3	0.00	0.99
Col44	4	0.00	0.99
Col44	5	0.00	0.99
Col44	6	0.00	0.99
Col44	7	0.00	0.99
Col44	8	-0.55	0.99
Col44	9	-0.55	0.99
Col44	10	0.61	0.99
Col44	11	0.61	0.99
Col44	12	0.61	0.99
Col44	13	0.61	0.99
Col44	14	0.61	0.99
Col44	15	0.61	0.99
Col44	16	0.45	0.99
Col44	17	0.45	0.99
Col44	18	0.45	0.99
Col44	19	0.45	0.99
Col44	20	0.45	0.99
Col44	21	0.45	0.99
Col44	22	0.45	0.99
Col44	23	0.45	0.99
Col44	24	0.45	0.99
Col44	25	0.45	0.99
Col44	26	0.45	0.99
Col44	27	0.45	0.99
Col44	28	-0.55	0.99
Col44	29	-0.55	0.99
Col44	30	0.61	0.99
Col44	31	0.61	0.99
Col44	32	0.61	0.99

Col44	33	0.61	0.99
Col44	34	0.61	0.99
Col44	35	0.61	0.99
Col44	36	0.00	0.99
Col44	37	0.00	0.99
Col44	38	0.00	0.99
Col44	39	0.00	0.99
Col44	40	0.00	0.99
Col44	41	0.00	0.99
Col44	42	0.00	0.99
Col44	43	0.00	0.99
Col44	44	0.00	0.99
Col44	45	0.00	0.99
Col44	46	0.00	0.99
Col44	47	0.27	0.99
Col44	48	0.27	0.99
Col45	1	0.00	0.99
Col45	2	0.00	0.99
Col45	3	0.00	0.99
Col45	4	0.00	0.99
Col45	5	0.00	0.99
Col45	6	0.00	0.99
Col45	7	0.00	0.99
Col45	8	0.00	0.99
Col45	9	0.00	0.99
Col45	10	0.00	0.99
Col45	11	0.00	0.99
Col45	12	0.00	0.99
Col45	13	0.00	0.99
Col45	14	0.00	0.99
Col45	15	0.00	0.99
Col45	16	0.00	0.99
Col45	17	0.00	0.99
Col45	18	0.00	0.99
Col45	19	0.00	0.99
Col45	20	0.00	0.99
Col45	21	0.00	0.99
Col45	22	0.00	0.99
Col45	23	0.00	0.99
Col45	24	0.00	0.99
Col45	25	0.00	0.99
Col45	26	0.00	0.99
Col45	27	0.00	0.99
Col45	28	0.00	0.99
Col45	29	0.00	0.99
Col45	30	0.00	0.99
Col45	31	0.00	0.99
Col45	32	0.00	0.99
Col45	33	0.00	0.99
Col45	34	0.00	0.99
Col45	35	0.00	0.99
Col45	36	0.00	0.99
Col45	37	0.00	0.99
Col45	38	0.00	0.99
Col45	39	0.00	0.99
Col45	40	0.00	0.99
Col45	41	0.00	0.99
Col45	42	0.00	0.99
Col45	43	0.00	0.99
Col45	44	0.00	0.99
Col45	45	0.00	0.99
Col45	46	0.00	0.99
Col45	47	0.00	0.99
Col45	48	0.00	0.99
Col46	1	0.00	0.99

Col46	2	0.00	0.99
Col46	3	0.00	0.99
Col46	4	0.00	0.99
Col46	5	0.00	0.99
Col46	6	0.00	0.99
Col46	7	0.00	0.99
Col46	8	-0.52	0.99
Col46	9	-0.52	0.99
Col46	10	0.57	0.99
Col46	11	0.57	0.99
Col46	12	0.57	0.99
Col46	13	0.57	0.99
Col46	14	0.57	0.99
Col46	15	0.57	0.99
Col46	16	0.43	0.99
Col46	17	0.43	0.99
Col46	18	0.43	0.99
Col46	19	0.43	0.99
Col46	20	0.43	0.99
Col46	21	0.43	0.99
Col46	22	0.43	0.99
Col46	23	0.43	0.99
Col46	24	0.43	0.99
Col46	25	0.43	0.99
Col46	26	0.43	0.99
Col46	27	0.43	0.99
Col46	28	-0.52	0.99
Col46	29	-0.52	0.99
Col46	30	0.57	0.99
Col46	31	0.57	0.99
Col46	32	0.57	0.99
Col46	33	0.57	0.99
Col46	34	0.57	0.99
Col46	35	0.57	0.99
Col46	36	0.00	0.99
Col46	37	0.00	0.99
Col46	38	0.00	0.99
Col46	39	0.00	0.99
Col46	40	0.00	0.99
Col46	41	0.00	0.99
Col46	42	0.00	0.99
Col46	43	0.00	0.99
Col46	44	0.00	0.99
Col46	45	0.00	0.99
Col46	46	0.00	0.99
Col46	47	0.26	0.99
Col46	48	0.26	0.99
Col47	1	0.00	0.99
Col47	2	0.00	0.99
Col47	3	0.00	0.99
Col47	4	0.00	0.99
Col47	5	0.00	0.99
Col47	6	0.00	0.99
Col47	7	0.00	0.99
Col47	8	-0.52	0.99
Col47	9	-0.52	0.99
Col47	10	0.59	0.99
Col47	11	0.59	0.99
Col47	12	0.59	0.99
Col47	13	0.59	0.99
Col47	14	0.59	0.99
Col47	15	0.59	0.99
Col47	16	0.44	0.99
Col47	17	0.44	0.99
Col47	18	0.44	0.99

Col47	19	0.44	0.99
Col47	20	0.44	0.99
Col47	21	0.44	0.99
Col47	22	0.44	0.99
Col47	23	0.44	0.99
Col47	24	0.44	0.99
Col47	25	0.44	0.99
Col47	26	0.44	0.99
Col47	27	0.44	0.99
Col47	28	-0.52	0.99
Col47	29	-0.52	0.99
Col47	30	0.59	0.99
Col47	31	0.59	0.99
Col47	32	0.59	0.99
Col47	33	0.59	0.99
Col47	34	0.59	0.99
Col47	35	0.59	0.99
Col47	36	0.00	0.99
Col47	37	0.00	0.99
Col47	38	0.00	0.99
Col47	39	0.00	0.99
Col47	40	0.00	0.99
Col47	41	0.00	0.99
Col47	42	0.00	0.99
Col47	43	0.00	0.99
Col47	44	0.00	0.99
Col47	45	0.00	0.99
Col47	46	0.00	0.99
Col47	47	0.26	0.99
Col47	48	0.26	0.99
Col48	1	0.00	0.99
Col48	2	0.00	0.99
Col48	3	0.00	0.99
Col48	4	0.00	0.99
Col48	5	0.00	0.99
Col48	6	0.00	0.99
Col48	7	0.00	0.99
Col48	8	-0.26	0.99
Col48	9	-0.26	0.99
Col48	10	0.30	0.99
Col48	11	0.30	0.99
Col48	12	0.30	0.99
Col48	13	0.30	0.99
Col48	14	0.30	0.99
Col48	15	0.30	0.99
Col48	16	0.23	0.99
Col48	17	0.23	0.99
Col48	18	0.23	0.99
Col48	19	0.23	0.99
Col48	20	0.23	0.99
Col48	21	0.23	0.99
Col48	22	0.23	0.99
Col48	23	0.23	0.99
Col48	24	0.23	0.99
Col48	25	0.23	0.99
Col48	26	0.23	0.99
Col48	27	0.23	0.99
Col48	28	-0.26	0.99
Col48	29	-0.26	0.99
Col48	30	0.30	0.99
Col48	31	0.30	0.99
Col48	32	0.30	0.99
Col48	33	0.30	0.99
Col48	34	0.30	0.99
Col48	35	0.30	0.99

Col48	36	0.00	0.99
Col48	37	0.00	0.99
Col48	38	0.00	0.99
Col48	39	0.00	0.99
Col48	40	0.00	0.99
Col48	41	0.00	0.99
Col48	42	0.00	0.99
Col48	43	0.00	0.99
Col48	44	0.00	0.99
Col48	45	0.00	0.99
Col48	46	0.00	0.99
Col48	47	0.14	0.99
Col48	48	0.14	0.99

RAFTER DEFLECTIONS:

Id	Load		Deflection (in)	
	Id		Calc	Limit
Raf7	1		0.00	0.36
Raf7	2		0.00	0.36
Raf7	3		0.00	0.36
Raf7	4		0.00	0.36
Raf7	5		0.00	0.36
Raf7	6		0.00	0.36
Raf7	7		0.00	0.36
Raf7	8		0.00	0.36
Raf7	9		0.00	0.36
Raf7	10		0.00	0.36
Raf7	11		0.00	0.36
Raf7	12		0.00	0.36
Raf7	13		0.00	0.36
Raf7	14		0.00	0.36
Raf7	15		0.00	0.36
Raf7	16		0.00	0.36
Raf7	17		0.00	0.36
Raf7	18		0.00	0.36
Raf7	19		0.00	0.36
Raf7	20		0.00	0.36
Raf7	21		0.00	0.36
Raf7	22		0.00	0.36
Raf7	23		0.00	0.36
Raf7	24		0.00	0.36
Raf7	25		0.00	0.36
Raf7	26		0.00	0.36
Raf7	27		0.00	0.36
Raf7	28		0.00	0.36
Raf7	29		0.00	0.36
Raf7	30		0.00	0.36
Raf7	31		0.00	0.36
Raf7	32		0.00	0.36
Raf7	33		0.00	0.36
Raf7	34		0.00	0.36
Raf7	35		0.00	0.36
Raf7	36		0.00	0.36
Raf7	37		0.00	0.36
Raf7	38		0.00	0.36
Raf7	39		0.00	0.36
Raf7	40		0.00	0.36
Raf7	41		0.00	0.36
Raf7	42		0.00	0.36
Raf7	43		0.00	0.36
Raf7	44		0.00	0.36
Raf7	45		0.00	0.36
Raf7	46		0.00	0.36

Raf7	47	0.00	0.36
Raf7	48	0.00	0.36
Raf8	1	0.00	0.38
Raf8	2	0.00	0.38
Raf8	3	0.00	0.38
Raf8	4	0.00	0.38
Raf8	5	0.00	0.38
Raf8	6	0.00	0.38
Raf8	7	0.00	0.38
Raf8	8	0.00	0.38
Raf8	9	0.00	0.38
Raf8	10	0.00	0.38
Raf8	11	0.00	0.38
Raf8	12	0.00	0.38
Raf8	13	0.00	0.38
Raf8	14	0.00	0.38
Raf8	15	0.00	0.38
Raf8	16	0.00	0.38
Raf8	17	0.00	0.38
Raf8	18	0.00	0.38
Raf8	19	0.00	0.38
Raf8	20	0.00	0.38
Raf8	21	0.00	0.38
Raf8	22	0.00	0.38
Raf8	23	0.00	0.38
Raf8	24	0.00	0.38
Raf8	25	0.00	0.38
Raf8	26	0.00	0.38
Raf8	27	0.00	0.38
Raf8	28	0.00	0.38
Raf8	29	0.00	0.38
Raf8	30	0.00	0.38
Raf8	31	0.00	0.38
Raf8	32	0.00	0.38
Raf8	33	0.00	0.38
Raf8	34	0.00	0.38
Raf8	35	0.00	0.38
Raf8	36	0.00	0.38
Raf8	37	0.00	0.38
Raf8	38	0.00	0.38
Raf8	39	0.00	0.38
Raf8	40	0.00	0.38
Raf8	41	0.00	0.38
Raf8	42	0.00	0.38
Raf8	43	0.00	0.38
Raf8	44	0.00	0.38
Raf8	45	0.00	0.38
Raf8	46	0.00	0.38
Raf8	47	0.00	0.38
Raf8	48	0.00	0.38
Raf9	1	0.00	0.38
Raf9	2	0.00	0.38
Raf9	3	0.00	0.38
Raf9	4	0.00	0.38
Raf9	5	0.00	0.38
Raf9	6	0.00	0.38
Raf9	7	0.00	0.38
Raf9	8	0.00	0.38
Raf9	9	0.00	0.38
Raf9	10	0.00	0.38
Raf9	11	0.00	0.38
Raf9	12	0.00	0.38
Raf9	13	0.00	0.38
Raf9	14	0.00	0.38
Raf9	15	0.00	0.38

Raf9	16	0.00	0.38
Raf9	17	0.00	0.38
Raf9	18	0.00	0.38
Raf9	19	0.00	0.38
Raf9	20	0.00	0.38
Raf9	21	0.00	0.38
Raf9	22	0.00	0.38
Raf9	23	0.00	0.38
Raf9	24	0.00	0.38
Raf9	25	0.00	0.38
Raf9	26	0.00	0.38
Raf9	27	0.00	0.38
Raf9	28	0.00	0.38
Raf9	29	0.00	0.38
Raf9	30	0.00	0.38
Raf9	31	0.00	0.38
Raf9	32	0.00	0.38
Raf9	33	0.00	0.38
Raf9	34	0.00	0.38
Raf9	35	0.00	0.38
Raf9	36	0.00	0.38
Raf9	37	0.00	0.38
Raf9	38	0.00	0.38
Raf9	39	0.00	0.38
Raf9	40	0.00	0.38
Raf9	41	0.00	0.38
Raf9	42	0.00	0.38
Raf9	43	0.00	0.38
Raf9	44	0.00	0.38
Raf9	45	0.00	0.38
Raf9	46	0.00	0.38
Raf9	47	0.00	0.38
Raf9	48	0.00	0.38
Raf10	1	0.00	0.38
Raf10	2	0.00	0.38
Raf10	3	0.00	0.38
Raf10	4	0.00	0.38
Raf10	5	0.00	0.38
Raf10	6	0.00	0.38
Raf10	7	0.00	0.38
Raf10	8	0.00	0.38
Raf10	9	0.00	0.38
Raf10	10	0.00	0.38
Raf10	11	0.00	0.38
Raf10	12	0.00	0.38
Raf10	13	0.00	0.38
Raf10	14	0.00	0.38
Raf10	15	0.00	0.38
Raf10	16	0.00	0.38
Raf10	17	0.00	0.38
Raf10	18	0.00	0.38
Raf10	19	0.00	0.38
Raf10	20	0.00	0.38
Raf10	21	0.00	0.38
Raf10	22	0.00	0.38
Raf10	23	0.00	0.38
Raf10	24	0.00	0.38
Raf10	25	0.00	0.38
Raf10	26	0.00	0.38
Raf10	27	0.00	0.38
Raf10	28	0.00	0.38
Raf10	29	0.00	0.38
Raf10	30	0.00	0.38
Raf10	31	0.00	0.38
Raf10	32	0.00	0.38

Raf10	33	0.00	0.38
Raf10	34	0.00	0.38
Raf10	35	0.00	0.38
Raf10	36	0.00	0.38
Raf10	37	0.00	0.38
Raf10	38	0.00	0.38
Raf10	39	0.00	0.38
Raf10	40	0.00	0.38
Raf10	41	0.00	0.38
Raf10	42	0.00	0.38
Raf10	43	0.00	0.38
Raf10	44	0.00	0.38
Raf10	45	0.00	0.38
Raf10	46	0.00	0.38
Raf10	47	0.00	0.38
Raf10	48	0.00	0.38
Raf11	1	0.00	0.38
Raf11	2	0.00	0.38
Raf11	3	0.00	0.38
Raf11	4	0.00	0.38
Raf11	5	0.00	0.38
Raf11	6	0.00	0.38
Raf11	7	0.00	0.38
Raf11	8	0.00	0.38
Raf11	9	0.00	0.38
Raf11	10	0.00	0.38
Raf11	11	0.00	0.38
Raf11	12	0.00	0.38
Raf11	13	0.00	0.38
Raf11	14	0.00	0.38
Raf11	15	0.00	0.38
Raf11	16	0.00	0.38
Raf11	17	0.00	0.38
Raf11	18	0.00	0.38
Raf11	19	0.00	0.38
Raf11	20	0.00	0.38
Raf11	21	0.00	0.38
Raf11	22	0.00	0.38
Raf11	23	0.00	0.38
Raf11	24	0.00	0.38
Raf11	25	0.00	0.38
Raf11	26	0.00	0.38
Raf11	27	0.00	0.38
Raf11	28	0.00	0.38
Raf11	29	0.00	0.38
Raf11	30	0.00	0.38
Raf11	31	0.00	0.38
Raf11	32	0.00	0.38
Raf11	33	0.00	0.38
Raf11	34	0.00	0.38
Raf11	35	0.00	0.38
Raf11	36	0.00	0.38
Raf11	37	0.00	0.38
Raf11	38	0.00	0.38
Raf11	39	0.00	0.38
Raf11	40	0.00	0.38
Raf11	41	0.00	0.38
Raf11	42	0.00	0.38
Raf11	43	0.00	0.38
Raf11	44	0.00	0.38
Raf11	45	0.00	0.38
Raf11	46	0.00	0.38
Raf11	47	0.00	0.38
Raf11	48	0.00	0.38
Raf12	1	0.00	0.36



Raf12	2	0.00	0.36
Raf12	3	0.00	0.36
Raf12	4	0.00	0.36
Raf12	5	0.00	0.36
Raf12	6	0.00	0.36
Raf12	7	0.00	0.36
Raf12	8	0.00	0.36
Raf12	9	0.00	0.36
Raf12	10	0.00	0.36
Raf12	11	0.00	0.36
Raf12	12	0.00	0.36
Raf12	13	0.00	0.36
Raf12	14	0.00	0.36
Raf12	15	0.00	0.36
Raf12	16	0.00	0.36
Raf12	17	0.00	0.36
Raf12	18	0.00	0.36
Raf12	19	0.00	0.36
Raf12	20	0.00	0.36
Raf12	21	0.00	0.36
Raf12	22	0.00	0.36
Raf12	23	0.00	0.36
Raf12	24	0.00	0.36
Raf12	25	0.00	0.36
Raf12	26	0.00	0.36
Raf12	27	0.00	0.36
Raf12	28	0.00	0.36
Raf12	29	0.00	0.36
Raf12	30	0.00	0.36
Raf12	31	0.00	0.36
Raf12	32	0.00	0.36
Raf12	33	0.00	0.36
Raf12	34	0.00	0.36
Raf12	35	0.00	0.36
Raf12	36	0.00	0.36
Raf12	37	0.00	0.36
Raf12	38	0.00	0.36
Raf12	39	0.00	0.36
Raf12	40	0.00	0.36
Raf12	41	0.00	0.36
Raf12	42	0.00	0.36
Raf12	43	0.00	0.36
Raf12	44	0.00	0.36
Raf12	45	0.00	0.36
Raf12	46	0.00	0.36
Raf12	47	0.00	0.36
Raf12	48	0.00	0.36

COLUMN KL/R RATIO, MOMENT REDUCTION:

Id	Major (ft)	--Minor (ft)--		----KL/R----		Available Reduction Factor	
		Bend	Axial	Major	Minor	Out	In
Col30	14.8	3.8	3.8	77	61	0.00	0.00
Col31	14.8	3.8	3.8	77	61	0.00	0.00
Col32	14.8	3.8	3.8	77	61	0.00	0.00
Col33	0.1	3.8	3.8	1	61	0.00	0.00
Col34	14.8	3.8	3.8	77	61	0.00	0.00
Col35	14.8	3.8	3.8	77	61	0.00	0.00
Col36	0.1	3.8	3.8	1	61	0.00	0.00
Col37	14.8	3.8	3.8	77	61	0.00	0.00
Col38	14.8	3.8	3.8	77	61	0.00	0.00
Col39	0.1	3.8	3.8	1	61	0.00	0.00
Col40	14.8	3.8	3.8	77	61	0.00	0.00

Co141	14.8	3.8	3.8	77	61	0.00	0.00
Co142	0.1	3.8	3.8	1	61	0.00	0.00
Co143	14.8	3.8	3.8	77	61	0.00	0.00
Co144	14.8	3.8	3.8	77	61	0.00	0.00
Co145	0.1	3.8	3.8	1	61	0.00	0.00
Co146	14.8	3.8	3.8	77	61	0.00	0.00
Co147	14.8	3.8	3.8	77	61	0.00	0.00
Co148	14.8	3.8	3.8	77	61	0.00	0.00

## GIRT LAYOUT:

Bay Id	Girt Id	Locate	Part	Design Length	Available Reduction Factor	
					Out	In
1	1	3.667	6X2C16	4.833	0.00	0.70
	2	7.333	6X2C16	4.833	0.00	0.70
	3	11.000	6X2C16	4.833	0.00	0.70
2	1	3.667	6X2C16	4.833	0.00	0.70
	2	7.333	6X2C16	4.833	0.00	0.70
	3	11.000	6X2C16	4.833	0.00	0.70
3	1	3.667	6X2C16	4.833	0.00	0.70
	2	7.333	6X2C16	4.833	0.00	0.70
	3	11.000	6X2C16	4.833	0.00	0.70
4	1	3.667	6X2C16	5.167	0.00	0.70
	2	7.333	6X2C16	5.167	0.00	0.70
	3	11.000	6X2C16	5.167	0.00	0.70
5	1	3.667	6X2C16	5.167	0.00	0.70
	2	7.333	6X2C16	5.167	0.00	0.70
	3	11.000	6X2C16	5.167	0.00	0.70
6	1	3.667	6X2C16	5.167	0.00	0.70
	2	7.333	6X2C16	5.167	0.00	0.70
	3	11.000	6X2C16	5.167	0.00	0.70
7	1	3.667	6X2C16	5.167	0.00	0.70
	2	7.333	6X2C16	5.167	0.00	0.70
	3	11.000	6X2C16	5.167	0.00	0.70
8	1	3.667	6X2C16	5.167	0.00	0.70
	2	7.333	6X2C16	5.167	0.00	0.70
	3	11.000	6X2C16	5.167	0.00	0.70
9	1	3.667	6X2C16	5.167	0.00	0.70
	2	7.333	6X2C16	5.167	0.00	0.70
	3	11.000	6X2C16	5.167	0.00	0.70
10	1	3.667	6X2C16	5.167	0.00	0.70
	2	7.333	6X2C16	5.167	0.00	0.70
	3	11.000	6X2C16	5.167	0.00	0.70
11	1	3.667	6X2C16	5.167	0.00	0.70
	2	7.333	6X2C16	5.167	0.00	0.70
	3	11.000	6X2C16	5.167	0.00	0.70
12	1	3.667	6X2C16	5.167	0.00	0.70
	2	7.333	6X2C16	5.167	0.00	0.70
	3	11.000	6X2C16	5.167	0.00	0.70
13	1	3.667	6X2C16	5.167	0.00	0.70
	2	7.333	6X2C16	5.167	0.00	0.70
	3	11.000	6X2C16	5.167	0.00	0.70
14	1	3.667	6X2C16	5.167	0.00	0.70
	2	7.333	6X2C16	5.167	0.00	0.70
	3	11.000	6X2C16	5.167	0.00	0.70
15	1	3.667	6X2C16	5.167	0.00	0.70
	2	7.333	6X2C16	5.167	0.00	0.70
	3	11.000	6X2C16	5.167	0.00	0.70
16	1	3.667	6X2C16	4.833	0.00	0.70
	2	7.333	6X2C16	4.833	0.00	0.70
	3	11.000	6X2C16	4.833	0.00	0.70
17	1	3.667	6X2C16	4.833	0.00	0.70
	2	7.333	6X2C16	4.833	0.00	0.70
	3	11.000	6X2C16	4.833	0.00	0.70
18	1	3.667	6X2C16	4.958	0.00	0.70
	2	7.333	6X2C16	4.958	0.00	0.70
	3	11.000	6X2C16	4.958	0.00	0.70

GIRT ACTIONS:

Bay Id	Girt Id	Load	-Shear(k )-		Moment(f-k )		Max UC	Deflect(in)	
			Calc	Limit	Calc	Limit		Calc	Limit
1	1	WP	-0.09	3.32	-0.11	2.65	0.04	0.00	0.64
		WS	0.10	3.32	0.13	2.65	0.05	0.00	0.64
	3	WP	-0.09	3.32	-0.11	2.65	0.04	0.00	0.64
		WS	0.11	3.32	0.13	2.65	0.05	0.00	0.64
2	1	WP	-0.09	3.32	-0.11	2.65	0.04	0.00	0.64
		WS	0.10	3.32	0.12	2.65	0.04	0.00	0.64
3	1	WP	-0.09	3.32	-0.11	2.65	0.04	0.00	0.64
		WS	0.10	3.32	0.12	2.65	0.04	0.00	0.64
4	1	WP	-0.09	3.32	-0.12	2.65	0.05	0.00	0.69
		WS	0.10	3.32	0.13	2.65	0.05	0.00	0.69
	3	WP	-0.10	3.32	-0.12	2.65	0.05	0.00	0.69
		WS	0.11	3.32	0.14	2.65	0.05	0.00	0.69
5	1	WP	-0.09	3.32	-0.12	2.65	0.05	0.00	0.69
		WS	0.10	3.32	0.13	2.65	0.05	0.00	0.69
	3	WP	-0.10	3.32	-0.12	2.65	0.05	0.00	0.69
		WS	0.11	3.32	0.14	2.65	0.05	0.00	0.69
6	1	WP	-0.09	3.32	-0.12	2.65	0.05	0.00	0.69
		WS	0.10	3.32	0.13	2.65	0.05	0.00	0.69
	3	WP	-0.10	3.32	-0.12	2.65	0.05	0.00	0.69
		WS	0.11	3.32	0.14	2.65	0.05	0.00	0.69
7	1	WP	-0.09	3.32	-0.12	2.65	0.05	0.00	0.69
		WS	0.10	3.32	0.13	2.65	0.05	0.00	0.69
	3	WP	-0.10	3.32	-0.12	2.65	0.05	0.00	0.69
		WS	0.11	3.32	0.14	2.65	0.05	0.00	0.69
8	1	WP	-0.09	3.32	-0.12	2.65	0.05	0.00	0.69
		WS	0.10	3.32	0.13	2.65	0.05	0.00	0.69
	3	WP	-0.10	3.32	-0.12	2.65	0.05	0.00	0.69
		WS	0.11	3.32	0.14	2.65	0.05	0.00	0.69
9	1	WP	-0.09	3.32	-0.12	2.65	0.05	0.00	0.69
		WS	0.10	3.32	0.13	2.65	0.05	0.00	0.69
	3	WP	-0.10	3.32	-0.12	2.65	0.05	0.00	0.69
		WS	0.11	3.32	0.14	2.65	0.05	0.00	0.69
10	1	WP	-0.09	3.32	-0.12	2.65	0.05	0.00	0.69
		WS	0.10	3.32	0.13	2.65	0.05	0.00	0.69
	3	WP	-0.10	3.32	-0.12	2.65	0.05	0.00	0.69
		WS	0.11	3.32	0.14	2.65	0.05	0.00	0.69
11	1	WP	-0.09	3.32	-0.12	2.65	0.05	0.00	0.69
		WS	0.10	3.32	0.13	2.65	0.05	0.00	0.69
	3	WP	-0.10	3.32	-0.12	2.65	0.05	0.00	0.69
		WS	0.11	3.32	0.14	2.65	0.05	0.00	0.69
12	1	WP	-0.09	3.32	-0.12	2.65	0.05	0.00	0.69
		WS	0.10	3.32	0.13	2.65	0.05	0.00	0.69
	3	WP	-0.10	3.32	-0.12	2.65	0.05	0.00	0.69
		WS	0.11	3.32	0.14	2.65	0.05	0.00	0.69
13	1	WP	-0.09	3.32	-0.12	2.65	0.05	0.00	0.69
		WS	0.10	3.32	0.13	2.65	0.05	0.00	0.69
	3	WP	-0.10	3.32	-0.12	2.65	0.05	0.00	0.69
		WS	0.11	3.32	0.14	2.65	0.05	0.00	0.69
14	1	WP	-0.09	3.32	-0.12	2.65	0.05	0.00	0.69
		WS	0.10	3.32	0.13	2.65	0.05	0.00	0.69
	3	WP	-0.10	3.32	-0.12	2.65	0.05	0.00	0.69
		WS	0.11	3.32	0.14	2.65	0.05	0.00	0.69
15	1	WP	-0.09	3.32	-0.12	2.65	0.05	0.00	0.69
		WS	0.10	3.32	0.13	2.65	0.05	0.00	0.69
	3	WP	-0.10	3.32	-0.12	2.65	0.05	0.00	0.69
		WS	0.11	3.32	0.14	2.65	0.05	0.00	0.69
16	1	WP	-0.09	3.32	-0.11	2.65	0.04	0.00	0.64
		WS	0.10	3.32	0.12	2.65	0.04	0.00	0.64
17	1	WP	-0.09	3.32	-0.11	2.65	0.04	0.00	0.64
		WS	0.10	3.32	0.12	2.65	0.04	0.00	0.64
18	1	WP	-0.09	3.32	-0.11	2.65	0.04	0.00	0.66

WS 0.11 3.32 0.13 2.65 0.05 0.00 0.66

WP - Wind\_Pressure

WS - Wind\_Suction

6 and 7 Back SW - Wall Panel Design 2/13/23 2:34pm

PANEL DATA:

Bay	Part	Type	Gage	Yield
1	CUSPANL	CP	20.00	50.0

MOMENTS & DEFLECTION:

Span Id	Locate (ft)		Load	-----Moment (ft-lb/ft)-----						Max UC	Deflect (in)	
	Start	End		Start Calc	Start Limit	Midspan Calc	Midspan Limit	End Calc	End Limit		Calc	Limit
1	0.00	3.67	WP	0.0	49.1	-12.7	49.1	17.8	38.1	0.47	-0.11	0.73
			WS	0.0	38.1	17.0	38.1	-23.7	49.1	0.48	0.14	0.73
2	3.67	7.33	WP	17.8	38.1	-6.1	49.1	11.6	38.1	0.47	-0.03	0.73
			WS	-23.7	49.1	8.1	38.1	-15.4	49.1	0.48	0.04	0.73
3	7.33	11.00	WP	11.6	38.1	-5.7	49.1	18.6	38.1	0.49	-0.03	0.73
			WS	-15.4	49.1	7.7	38.1	-24.7	49.1	0.50	0.04	0.73
4	11.00	14.79	WP	18.6	38.1	-13.8	49.1	0.0	38.1	0.49	-0.13	0.76
			WS	-24.7	49.1	18.4	38.1	0.0	38.1	0.50	0.17	0.76

WP - Wind\_Pressure

WS - Wind\_Suction

PANEL:

Part	Thick (in)	Yield (ksi )	Tensile Strength (ksi )
CUSPANL	0.038	50.00	65.00

GIRT SCREWS:

Part	Dia (in)	Washer (in)	Limit (k )
#29	0.21	0.50	2.90

PANEL ZONE LAYOUT:

Zone Id	Description	---Wall (ft)---		Bay Id	--Girt (ft, ft, in)--			Panel Span (ft)
		Offset1	Offset2		Locate	Width	Min Thick	
1	Interior	5.00	95.00	1	11.00	3.73	0.059	3.79
2	Lt Edge	0.00	5.00	1	11.00	3.73	0.059	3.79
3	Rt Edge	95.00	100.00	18	11.00	3.73	0.059	3.79

GIRT SCREW CHECK:

Zone Id	Screw Space	Wind Suction (psf )	Load (k )	-----Limit (k )-----			Max UC
				Girt Pullout	Panel Pullover	Screw Tension	
1	1.00	16.38	0.06	0.22	0.61	0.77	0.28
2	1.00	16.38	0.06	0.22	0.61	0.77	0.28
3	1.00	16.38	0.06	0.22	0.61	0.77	0.28

WALL LAYOUT:

Wall Id	Orn	LeftEW Offset	BackSW Offset	Wall Length	Load Width
6	T	16.00	0.00	50.00	17.00

MEMBER LAYOUT:

Id	Locate		---Web (in)---		-Flange (in)-		Length (ft)	Weight (lb)	----Max_Load----		
	(ft)	Part	Depth	Thick	Width	Thick			Id	UC	Report
Col150	5.0	6X2C16	6.00	16ga	2.00	16ga	15.0	32.9	17	0.35	Mom+Axl
Col151	10.0	6X2C16	6.00	16ga	2.00	16ga	15.3	33.4	17	0.35	Mom+Axl
Col152	15.0	6X2C16	6.00	16ga	2.00	16ga	15.5	33.9	17	0.36	Mom+Axl
Col153	20.0	6X2C16	6.00	16ga	2.00	16ga	15.7	34.3	17	0.37	Mom+Axl
Col154	25.0	6X2C16	6.00	16ga	2.00	16ga	15.9	34.8	17	0.38	Mom+Axl
Col155	30.0	6X2C16	6.00	16ga	2.00	16ga	16.1	35.2	17	0.39	Mom+Axl
Col156	35.0	6X2C16	6.00	16ga	2.00	16ga	16.3	35.7	8	0.40	Deflect
Col157	40.0	6X2C16	6.00	16ga	2.00	16ga	16.5	36.1	8	0.41	Deflect
Col158	45.0	6X2C16	6.00	16ga	2.00	16ga	16.7	36.6	8	0.43	Deflect
Total=								312.9			

DESIGN ACTIONS/STRENGTH:

Id	Load Id	-Axial(k )-		-Shear(k )-		Moment(f-k )		-----Unity_Check-----			
		Calc	Limit	Calc	Limit	Calc	Limit	Axial	Shear	Moment	Shear+
Col150	1	1.95	9.20	0.00	3.32	0.00	3.07	0.21	0.00	0.21	0.00
Col150	2	0.25	9.20	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col150	3	1.39	9.20	0.00	3.32	0.00	3.07	0.15	0.00	0.15	0.00
Col150	4	1.39	9.20	0.00	3.32	0.00	3.07	0.15	0.00	0.15	0.00
Col150	5	1.53	9.20	0.00	3.32	0.00	3.07	0.17	0.00	0.17	0.00
Col150	6	1.11	9.20	0.00	3.32	0.00	3.07	0.12	0.00	0.12	0.00
Col150	7	1.11	9.20	0.00	3.32	0.00	3.07	0.12	0.00	0.12	0.00
Col150	8	-0.95	21.18	0.23	3.32	-0.85	3.07	0.04	0.07	0.23	0.00
Col150	9	-0.46	21.18	0.23	3.32	-0.85	3.07	0.02	0.07	0.25	0.00
Col150	10	-0.95	21.18	-0.23	3.32	0.85	3.07	0.04	0.07	0.23	0.00
Col150	11	-0.46	21.18	-0.23	3.32	0.85	3.07	0.02	0.07	0.25	0.00
Col150	12	-0.95	21.18	-0.23	3.32	0.85	3.07	0.04	0.07	0.23	0.00
Col150	13	-0.46	21.18	-0.23	3.32	0.85	3.07	0.02	0.07	0.25	0.00
Col150	14	-0.60	21.18	-0.23	3.32	0.85	3.07	0.03	0.07	0.25	0.00
Col150	15	-0.11	21.18	-0.23	3.32	0.85	3.07	0.01	0.07	0.27	0.00
Col150	16	0.92	9.20	-0.17	3.32	0.64	3.07	0.10	0.05	0.31	0.00
Col150	17	1.29	9.20	-0.17	3.32	0.64	3.07	0.14	0.05	0.35	0.00
Col150	18	0.66	9.20	-0.17	3.32	0.64	3.07	0.07	0.05	0.28	0.00
Col150	19	1.03	9.20	-0.17	3.32	0.64	3.07	0.11	0.05	0.32	0.00
Col150	20	0.50	9.20	-0.17	3.32	0.64	3.07	0.05	0.05	0.26	0.00
Col150	21	0.87	9.20	-0.17	3.32	0.64	3.07	0.09	0.05	0.30	0.00
Col150	22	0.24	9.20	-0.17	3.32	0.64	3.07	0.03	0.05	0.23	0.00
Col150	23	0.61	9.20	-0.17	3.32	0.64	3.07	0.07	0.05	0.27	0.00
Col150	24	0.50	9.20	-0.17	3.32	0.64	3.07	0.05	0.05	0.26	0.00
Col150	25	0.87	9.20	-0.17	3.32	0.64	3.07	0.09	0.05	0.30	0.00
Col150	26	0.24	9.20	-0.17	3.32	0.64	3.07	0.03	0.05	0.23	0.00
Col150	27	0.61	9.20	-0.17	3.32	0.64	3.07	0.07	0.05	0.27	0.00
Col150	28	-1.02	21.18	0.23	3.32	-0.85	3.07	0.05	0.07	0.23	0.00
Col150	29	-0.53	21.18	0.23	3.32	-0.85	3.07	0.02	0.07	0.25	0.00
Col150	30	-1.02	21.18	-0.23	3.32	0.85	3.07	0.05	0.07	0.23	0.00
Col150	31	-0.53	21.18	-0.23	3.32	0.85	3.07	0.02	0.07	0.25	0.00
Col150	32	-1.02	21.18	-0.23	3.32	0.85	3.07	0.05	0.07	0.23	0.00





Col151	46	1.62	9.10	0.00	3.32	0.00	3.07	0.18	0.00	0.18	0.00
Col151	47	0.66	9.10	-0.17	3.32	0.65	3.07	0.07	0.05	0.29	0.00
Col151	48	1.04	9.10	-0.17	3.32	0.65	3.07	0.11	0.05	0.33	0.00
Col151	49	0.26	9.10	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col151	50	0.26	9.10	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col151	51	0.14	9.10	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col151	52	0.14	9.10	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col152	1	1.96	8.99	0.00	3.32	0.00	3.07	0.22	0.00	0.22	0.00
Col152	2	0.26	8.99	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col152	3	1.39	8.99	0.00	3.32	0.00	3.07	0.16	0.00	0.16	0.00
Col152	4	1.39	8.99	0.00	3.32	0.00	3.07	0.16	0.00	0.16	0.00
Col152	5	1.53	8.99	0.00	3.32	0.00	3.07	0.17	0.00	0.17	0.00
Col152	6	1.11	8.99	0.00	3.32	0.00	3.07	0.12	0.00	0.12	0.00
Col152	7	1.11	8.99	0.00	3.32	0.00	3.07	0.12	0.00	0.12	0.00
Col152	8	-0.95	21.18	0.23	3.32	-0.90	3.07	0.04	0.07	0.25	0.00
Col152	9	-0.46	21.18	0.23	3.32	-0.90	3.07	0.02	0.07	0.27	0.00
Col152	10	-0.95	21.18	-0.23	3.32	0.90	3.07	0.04	0.07	0.25	0.00
Col152	11	-0.46	21.18	-0.23	3.32	0.90	3.07	0.02	0.07	0.27	0.00
Col152	12	-0.95	21.18	-0.23	3.32	0.90	3.07	0.04	0.07	0.25	0.00
Col152	13	-0.46	21.18	-0.23	3.32	0.90	3.07	0.02	0.07	0.27	0.00
Col152	14	-0.60	21.18	-0.23	3.32	0.90	3.07	0.03	0.07	0.26	0.00
Col152	15	-0.11	21.18	-0.23	3.32	0.90	3.07	0.01	0.07	0.29	0.00
Col152	16	0.92	8.99	-0.17	3.32	0.67	3.07	0.10	0.05	0.32	0.00
Col152	17	1.29	8.99	-0.17	3.32	0.67	3.07	0.14	0.05	0.36	0.00
Col152	18	0.66	8.99	-0.17	3.32	0.67	3.07	0.07	0.05	0.29	0.00
Col152	19	1.03	8.99	-0.17	3.32	0.67	3.07	0.11	0.05	0.33	0.00
Col152	20	0.50	8.99	-0.17	3.32	0.67	3.07	0.06	0.05	0.27	0.00
Col152	21	0.87	8.99	-0.17	3.32	0.67	3.07	0.10	0.05	0.32	0.00
Col152	22	0.24	8.99	-0.17	3.32	0.67	3.07	0.03	0.05	0.25	0.00
Col152	23	0.61	8.99	-0.17	3.32	0.67	3.07	0.07	0.05	0.29	0.00
Col152	24	0.50	8.99	-0.17	3.32	0.67	3.07	0.06	0.05	0.27	0.00
Col152	25	0.87	8.99	-0.17	3.32	0.67	3.07	0.10	0.05	0.32	0.00
Col152	26	0.24	8.99	-0.17	3.32	0.67	3.07	0.03	0.05	0.25	0.00
Col152	27	0.61	8.99	-0.17	3.32	0.67	3.07	0.07	0.05	0.29	0.00
Col152	28	-1.02	21.18	0.23	3.32	-0.90	3.07	0.05	0.07	0.24	0.00
Col152	29	-0.52	21.18	0.23	3.32	-0.90	3.07	0.02	0.07	0.27	0.00
Col152	30	-1.02	21.18	-0.23	3.32	0.90	3.07	0.05	0.07	0.24	0.00
Col152	31	-0.52	21.18	-0.23	3.32	0.90	3.07	0.02	0.07	0.27	0.00
Col152	32	-1.02	21.18	-0.23	3.32	0.90	3.07	0.05	0.07	0.24	0.00
Col152	33	-0.52	21.18	-0.23	3.32	0.90	3.07	0.02	0.07	0.27	0.00
Col152	34	-0.67	21.18	-0.23	3.32	0.90	3.07	0.03	0.07	0.26	0.00
Col152	35	-0.18	21.18	-0.23	3.32	0.90	3.07	0.01	0.07	0.28	0.00
Col152	36	0.26	8.99	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col152	37	0.26	8.99	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col152	38	1.54	8.99	0.00	3.32	0.00	3.07	0.17	0.00	0.17	0.00
Col152	39	1.53	8.99	0.00	3.32	0.00	3.07	0.17	0.00	0.17	0.00
Col152	40	1.11	8.99	0.00	3.32	0.00	3.07	0.12	0.00	0.12	0.00
Col152	41	1.11	8.99	0.00	3.32	0.00	3.07	0.12	0.00	0.12	0.00
Col152	42	1.11	8.99	0.00	3.32	0.00	3.07	0.12	0.00	0.12	0.00
Col152	43	1.11	8.99	0.00	3.32	0.00	3.07	0.12	0.00	0.12	0.00
Col152	44	0.14	8.99	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col152	45	0.14	8.99	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col152	46	1.62	8.99	0.00	3.32	0.00	3.07	0.18	0.00	0.18	0.00
Col152	47	0.67	8.99	-0.17	3.32	0.67	3.07	0.07	0.05	0.29	0.00
Col152	48	1.04	8.99	-0.17	3.32	0.67	3.07	0.12	0.05	0.33	0.00
Col152	49	0.26	8.99	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col152	50	0.26	8.99	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col152	51	0.15	8.99	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col152	52	0.14	8.99	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col153	1	1.96	8.89	0.00	3.32	0.00	3.07	0.22	0.00	0.22	0.00
Col153	2	0.26	8.89	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col153	3	1.40	8.89	0.00	3.32	0.00	3.07	0.16	0.00	0.16	0.00
Col153	4	1.40	8.89	0.00	3.32	0.00	3.07	0.16	0.00	0.16	0.00
Col153	5	1.53	8.89	0.00	3.32	0.00	3.07	0.17	0.00	0.17	0.00
Col153	6	1.11	8.89	0.00	3.32	0.00	3.07	0.12	0.00	0.12	0.00

Col153	7	1.11	8.89	0.00	3.32	0.00	3.07	0.12	0.00	0.12	0.00
Col153	8	-0.95	21.18	0.24	3.32	-0.92	3.07	0.04	0.07	0.25	0.00
Col153	9	-0.46	21.18	0.24	3.32	-0.92	3.07	0.02	0.07	0.28	0.00
Col153	10	-0.95	21.18	-0.24	3.32	0.92	3.07	0.04	0.07	0.25	0.00
Col153	11	-0.46	21.18	-0.24	3.32	0.92	3.07	0.02	0.07	0.28	0.00
Col153	12	-0.95	21.18	-0.24	3.32	0.92	3.07	0.04	0.07	0.25	0.00
Col153	13	-0.46	21.18	-0.24	3.32	0.92	3.07	0.02	0.07	0.28	0.00
Col153	14	-0.60	21.18	-0.24	3.32	0.92	3.07	0.03	0.07	0.27	0.00
Col153	15	-0.11	21.18	-0.24	3.32	0.92	3.07	0.01	0.07	0.29	0.00
Col153	16	0.92	8.89	-0.18	3.32	0.69	3.07	0.10	0.05	0.33	0.00
Col153	17	1.29	8.89	-0.18	3.32	0.69	3.07	0.15	0.05	0.37	0.00
Col153	18	0.66	8.89	-0.18	3.32	0.69	3.07	0.07	0.05	0.30	0.00
Col153	19	1.03	8.89	-0.18	3.32	0.69	3.07	0.12	0.05	0.34	0.00
Col153	20	0.50	8.89	-0.18	3.32	0.69	3.07	0.06	0.05	0.28	0.00
Col153	21	0.87	8.89	-0.18	3.32	0.69	3.07	0.10	0.05	0.32	0.00
Col153	22	0.24	8.89	-0.18	3.32	0.69	3.07	0.03	0.05	0.25	0.00
Col153	23	0.61	8.89	-0.18	3.32	0.69	3.07	0.07	0.05	0.29	0.00
Col153	24	0.50	8.89	-0.18	3.32	0.69	3.07	0.06	0.05	0.28	0.00
Col153	25	0.87	8.89	-0.18	3.32	0.69	3.07	0.10	0.05	0.32	0.00
Col153	26	0.24	8.89	-0.18	3.32	0.69	3.07	0.03	0.05	0.25	0.00
Col153	27	0.61	8.89	-0.18	3.32	0.69	3.07	0.07	0.05	0.29	0.00
Col153	28	-1.02	21.18	0.24	3.32	-0.92	3.07	0.05	0.07	0.25	0.00
Col153	29	-0.52	21.18	0.24	3.32	-0.92	3.07	0.02	0.07	0.27	0.00
Col153	30	-1.02	21.18	-0.24	3.32	0.92	3.07	0.05	0.07	0.25	0.00
Col153	31	-0.52	21.18	-0.24	3.32	0.92	3.07	0.02	0.07	0.27	0.00
Col153	32	-1.02	21.18	-0.24	3.32	0.92	3.07	0.05	0.07	0.25	0.00
Col153	33	-0.52	21.18	-0.24	3.32	0.92	3.07	0.02	0.07	0.27	0.00
Col153	34	-0.67	21.18	-0.24	3.32	0.92	3.07	0.03	0.07	0.27	0.00
Col153	35	-0.17	21.18	-0.24	3.32	0.92	3.07	0.01	0.07	0.29	0.00
Col153	36	0.26	8.89	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col153	37	0.26	8.89	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col153	38	1.54	8.89	0.00	3.32	0.00	3.07	0.17	0.00	0.17	0.00
Col153	39	1.54	8.89	0.00	3.32	0.00	3.07	0.17	0.00	0.17	0.00
Col153	40	1.11	8.89	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col153	41	1.11	8.89	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col153	42	1.11	8.89	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col153	43	1.11	8.89	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col153	44	0.14	8.89	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col153	45	0.14	8.89	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col153	46	1.62	8.89	0.00	3.32	0.00	3.07	0.18	0.00	0.18	0.00
Col153	47	0.67	8.89	-0.18	3.32	0.69	3.07	0.07	0.05	0.30	0.00
Col153	48	1.04	8.89	-0.18	3.32	0.69	3.07	0.12	0.05	0.34	0.00
Col153	49	0.26	8.89	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col153	50	0.26	8.89	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col153	51	0.15	8.89	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col153	52	0.15	8.89	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col154	1	1.96	8.78	0.00	3.32	0.00	3.07	0.22	0.00	0.22	0.00
Col154	2	0.26	8.78	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col154	3	1.40	8.78	0.00	3.32	0.00	3.07	0.16	0.00	0.16	0.00
Col154	4	1.40	8.78	0.00	3.32	0.00	3.07	0.16	0.00	0.16	0.00
Col154	5	1.53	8.78	0.00	3.32	0.00	3.07	0.17	0.00	0.17	0.00
Col154	6	1.11	8.78	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col154	7	1.11	8.78	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col154	8	-0.95	21.18	0.24	3.32	-0.95	3.07	0.04	0.07	0.26	0.00
Col154	9	-0.46	21.18	0.24	3.32	-0.95	3.07	0.02	0.07	0.29	0.00
Col154	10	-0.95	21.18	-0.24	3.32	0.95	3.07	0.04	0.07	0.26	0.00
Col154	11	-0.46	21.18	-0.24	3.32	0.95	3.07	0.02	0.07	0.29	0.00
Col154	12	-0.95	21.18	-0.24	3.32	0.95	3.07	0.04	0.07	0.26	0.00
Col154	13	-0.46	21.18	-0.24	3.32	0.95	3.07	0.02	0.07	0.29	0.00
Col154	14	-0.60	21.18	-0.24	3.32	0.95	3.07	0.03	0.07	0.28	0.00
Col154	15	-0.11	21.18	-0.24	3.32	0.95	3.07	0.01	0.07	0.30	0.00
Col154	16	0.92	8.78	-0.18	3.32	0.71	3.07	0.10	0.05	0.34	0.00
Col154	17	1.29	8.78	-0.18	3.32	0.71	3.07	0.15	0.05	0.38	0.00
Col154	18	0.66	8.78	-0.18	3.32	0.71	3.07	0.07	0.05	0.31	0.00
Col154	19	1.03	8.78	-0.18	3.32	0.71	3.07	0.12	0.05	0.35	0.00

Col154	20	0.50	8.78	-0.18	3.32	0.71	3.07	0.06	0.05	0.29	0.00
Col154	21	0.87	8.78	-0.18	3.32	0.71	3.07	0.10	0.05	0.33	0.00
Col154	22	0.24	8.78	-0.18	3.32	0.71	3.07	0.03	0.05	0.26	0.00
Col154	23	0.61	8.78	-0.18	3.32	0.71	3.07	0.07	0.05	0.30	0.00
Col154	24	0.50	8.78	-0.18	3.32	0.71	3.07	0.06	0.05	0.29	0.00
Col154	25	0.87	8.78	-0.18	3.32	0.71	3.07	0.10	0.05	0.33	0.00
Col154	26	0.24	8.78	-0.18	3.32	0.71	3.07	0.03	0.05	0.26	0.00
Col154	27	0.61	8.78	-0.18	3.32	0.71	3.07	0.07	0.05	0.30	0.00
Col154	28	-1.02	21.18	0.24	3.32	-0.95	3.07	0.05	0.07	0.26	0.00
Col154	29	-0.52	21.18	0.24	3.32	-0.95	3.07	0.02	0.07	0.28	0.00
Col154	30	-1.02	21.18	-0.24	3.32	0.95	3.07	0.05	0.07	0.26	0.00
Col154	31	-0.52	21.18	-0.24	3.32	0.95	3.07	0.02	0.07	0.28	0.00
Col154	32	-1.02	21.18	-0.24	3.32	0.95	3.07	0.05	0.07	0.26	0.00
Col154	33	-0.52	21.18	-0.24	3.32	0.95	3.07	0.02	0.07	0.28	0.00
Col154	34	-0.67	21.18	-0.24	3.32	0.95	3.07	0.03	0.07	0.28	0.00
Col154	35	-0.17	21.18	-0.24	3.32	0.95	3.07	0.01	0.07	0.30	0.00
Col154	36	0.26	8.78	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col154	37	0.26	8.78	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col154	38	1.54	8.78	0.00	3.32	0.00	3.07	0.17	0.00	0.17	0.00
Col154	39	1.54	8.78	0.00	3.32	0.00	3.07	0.17	0.00	0.17	0.00
Col154	40	1.12	8.78	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col154	41	1.12	8.78	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col154	42	1.12	8.78	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col154	43	1.12	8.78	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col154	44	0.14	8.78	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col154	45	0.14	8.78	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col154	46	1.62	8.78	0.00	3.32	0.00	3.07	0.18	0.00	0.18	0.00
Col154	47	0.67	8.78	-0.18	3.32	0.71	3.07	0.08	0.05	0.31	0.00
Col154	48	1.04	8.78	-0.18	3.32	0.71	3.07	0.12	0.05	0.35	0.00
Col154	49	0.26	8.78	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col154	50	0.26	8.78	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col154	51	0.15	8.78	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col154	52	0.15	8.78	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col155	1	1.96	8.68	0.00	3.32	0.00	3.07	0.23	0.00	0.23	0.00
Col155	2	0.26	8.68	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col155	3	1.40	8.68	0.00	3.32	0.00	3.07	0.16	0.00	0.16	0.00
Col155	4	1.40	8.68	0.00	3.32	0.00	3.07	0.16	0.00	0.16	0.00
Col155	5	1.53	8.68	0.00	3.32	0.00	3.07	0.18	0.00	0.18	0.00
Col155	6	1.11	8.68	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col155	7	1.11	8.68	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col155	8	-0.95	21.18	0.24	3.32	-0.97	3.07	0.04	0.07	0.27	0.00
Col155	9	-0.46	21.18	0.24	3.32	-0.97	3.07	0.02	0.07	0.29	0.00
Col155	10	-0.95	21.18	-0.24	3.32	0.97	3.07	0.04	0.07	0.27	0.00
Col155	11	-0.46	21.18	-0.24	3.32	0.97	3.07	0.02	0.07	0.29	0.00
Col155	12	-0.95	21.18	-0.24	3.32	0.97	3.07	0.04	0.07	0.27	0.00
Col155	13	-0.46	21.18	-0.24	3.32	0.97	3.07	0.02	0.07	0.29	0.00
Col155	14	-0.60	21.18	-0.24	3.32	0.97	3.07	0.03	0.07	0.29	0.00
Col155	15	-0.11	21.18	-0.24	3.32	0.97	3.07	0.00	0.07	0.31	0.00
Col155	16	0.92	8.68	-0.18	3.32	0.73	3.07	0.11	0.05	0.34	0.00
Col155	17	1.29	8.68	-0.18	3.32	0.73	3.07	0.15	0.05	0.39	0.00
Col155	18	0.66	8.68	-0.18	3.32	0.73	3.07	0.08	0.05	0.31	0.00
Col155	19	1.03	8.68	-0.18	3.32	0.73	3.07	0.12	0.05	0.36	0.00
Col155	20	0.50	8.68	-0.18	3.32	0.73	3.07	0.06	0.05	0.29	0.00
Col155	21	0.87	8.68	-0.18	3.32	0.73	3.07	0.10	0.05	0.34	0.00
Col155	22	0.24	8.68	-0.18	3.32	0.73	3.07	0.03	0.05	0.26	0.00
Col155	23	0.61	8.68	-0.18	3.32	0.73	3.07	0.07	0.05	0.31	0.00
Col155	24	0.50	8.68	-0.18	3.32	0.73	3.07	0.06	0.05	0.29	0.00
Col155	25	0.87	8.68	-0.18	3.32	0.73	3.07	0.10	0.05	0.34	0.00
Col155	26	0.24	8.68	-0.18	3.32	0.73	3.07	0.03	0.05	0.26	0.00
Col155	27	0.61	8.68	-0.18	3.32	0.73	3.07	0.07	0.05	0.31	0.00
Col155	28	-1.02	21.18	0.24	3.32	-0.97	3.07	0.05	0.07	0.27	0.00
Col155	29	-0.52	21.18	0.24	3.32	-0.97	3.07	0.02	0.07	0.29	0.00
Col155	30	-1.02	21.18	-0.24	3.32	0.97	3.07	0.05	0.07	0.27	0.00
Col155	31	-0.52	21.18	-0.24	3.32	0.97	3.07	0.02	0.07	0.29	0.00
Col155	32	-1.02	21.18	-0.24	3.32	0.97	3.07	0.05	0.07	0.27	0.00

Col155	33	-0.52	21.18	-0.24	3.32	0.97	3.07	0.02	0.07	0.29	0.00
Col155	34	-0.67	21.18	-0.24	3.32	0.97	3.07	0.03	0.07	0.28	0.00
Col155	35	-0.17	21.18	-0.24	3.32	0.97	3.07	0.01	0.07	0.31	0.00
Col155	36	0.26	8.68	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col155	37	0.26	8.68	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col155	38	1.54	8.68	0.00	3.32	0.00	3.07	0.18	0.00	0.18	0.00
Col155	39	1.54	8.68	0.00	3.32	0.00	3.07	0.18	0.00	0.18	0.00
Col155	40	1.12	8.68	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col155	41	1.12	8.68	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col155	42	1.12	8.68	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col155	43	1.12	8.68	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col155	44	0.14	8.68	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col155	45	0.14	8.68	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col155	46	1.62	8.68	0.00	3.32	0.00	3.07	0.19	0.00	0.19	0.00
Col155	47	0.67	8.68	-0.18	3.32	0.73	3.07	0.08	0.05	0.31	0.00
Col155	48	1.04	8.68	-0.18	3.32	0.73	3.07	0.12	0.05	0.36	0.00
Col155	49	0.26	8.68	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col155	50	0.26	8.68	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col155	51	0.15	8.68	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col155	52	0.15	8.68	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col156	1	1.96	8.57	0.00	3.32	0.00	3.07	0.23	0.00	0.23	0.00
Col156	2	0.26	8.57	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col156	3	1.40	8.57	0.00	3.32	0.00	3.07	0.16	0.00	0.16	0.00
Col156	4	1.40	8.57	0.00	3.32	0.00	3.07	0.16	0.00	0.16	0.00
Col156	5	1.53	8.57	0.00	3.32	0.00	3.07	0.18	0.00	0.18	0.00
Col156	6	1.11	8.57	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col156	7	1.11	8.57	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col156	8	-0.95	21.18	0.24	3.32	-1.00	3.07	0.04	0.07	0.28	0.00
Col156	9	-0.45	21.18	0.24	3.32	-1.00	3.07	0.02	0.07	0.30	0.00
Col156	10	-0.95	21.18	-0.24	3.32	1.00	3.07	0.04	0.07	0.28	0.00
Col156	11	-0.45	21.18	-0.24	3.32	1.00	3.07	0.02	0.07	0.30	0.00
Col156	12	-0.95	21.18	-0.24	3.32	1.00	3.07	0.04	0.07	0.28	0.00
Col156	13	-0.45	21.18	-0.24	3.32	1.00	3.07	0.02	0.07	0.30	0.00
Col156	14	-0.60	21.18	-0.24	3.32	1.00	3.07	0.03	0.07	0.30	0.00
Col156	15	-0.11	21.18	-0.24	3.32	1.00	3.07	0.00	0.07	0.32	0.00
Col156	16	0.92	8.57	-0.18	3.32	0.75	3.07	0.11	0.06	0.35	0.00
Col156	17	1.29	8.57	-0.18	3.32	0.75	3.07	0.15	0.06	0.39	0.00
Col156	18	0.66	8.57	-0.18	3.32	0.75	3.07	0.08	0.06	0.32	0.00
Col156	19	1.03	8.57	-0.18	3.32	0.75	3.07	0.12	0.06	0.36	0.00
Col156	20	0.50	8.57	-0.18	3.32	0.75	3.07	0.06	0.06	0.30	0.00
Col156	21	0.87	8.57	-0.18	3.32	0.75	3.07	0.10	0.06	0.34	0.00
Col156	22	0.24	8.57	-0.18	3.32	0.75	3.07	0.03	0.06	0.27	0.00
Col156	23	0.61	8.57	-0.18	3.32	0.75	3.07	0.07	0.06	0.31	0.00
Col156	24	0.50	8.57	-0.18	3.32	0.75	3.07	0.06	0.06	0.30	0.00
Col156	25	0.87	8.57	-0.18	3.32	0.75	3.07	0.10	0.06	0.34	0.00
Col156	26	0.24	8.57	-0.18	3.32	0.75	3.07	0.03	0.06	0.27	0.00
Col156	27	0.61	8.57	-0.18	3.32	0.75	3.07	0.07	0.06	0.31	0.00
Col156	28	-1.02	21.18	0.24	3.32	-1.00	3.07	0.05	0.07	0.28	0.00
Col156	29	-0.52	21.18	0.24	3.32	-1.00	3.07	0.02	0.07	0.30	0.00
Col156	30	-1.02	21.18	-0.24	3.32	1.00	3.07	0.05	0.07	0.28	0.00
Col156	31	-0.52	21.18	-0.24	3.32	1.00	3.07	0.02	0.07	0.30	0.00
Col156	32	-1.02	21.18	-0.24	3.32	1.00	3.07	0.05	0.07	0.28	0.00
Col156	33	-0.52	21.18	-0.24	3.32	1.00	3.07	0.02	0.07	0.30	0.00
Col156	34	-0.67	21.18	-0.24	3.32	1.00	3.07	0.03	0.07	0.29	0.00
Col156	35	-0.17	21.18	-0.24	3.32	1.00	3.07	0.01	0.07	0.32	0.00
Col156	36	0.26	8.57	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col156	37	0.26	8.57	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col156	38	1.54	8.57	0.00	3.32	0.00	3.07	0.18	0.00	0.18	0.00
Col156	39	1.54	8.57	0.00	3.32	0.00	3.07	0.18	0.00	0.18	0.00
Col156	40	1.12	8.57	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col156	41	1.12	8.57	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col156	42	1.12	8.57	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col156	43	1.12	8.57	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col156	44	0.14	8.57	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col156	45	0.14	8.57	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00

Col156	46	1.62	8.57	0.00	3.32	0.00	3.07	0.19	0.00	0.19	0.00
Col156	47	0.67	8.57	-0.18	3.32	0.75	3.07	0.08	0.06	0.32	0.00
Col156	48	1.04	8.57	-0.18	3.32	0.75	3.07	0.12	0.06	0.36	0.00
Col156	49	0.26	8.57	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col156	50	0.26	8.57	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col156	51	0.15	8.57	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col156	52	0.15	8.57	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col157	1	1.96	8.46	0.00	3.32	0.00	3.07	0.23	0.00	0.23	0.00
Col157	2	0.26	8.46	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col157	3	1.40	8.46	0.00	3.32	0.00	3.07	0.17	0.00	0.17	0.00
Col157	4	1.40	8.46	0.00	3.32	0.00	3.07	0.17	0.00	0.17	0.00
Col157	5	1.53	8.46	0.00	3.32	0.00	3.07	0.18	0.00	0.18	0.00
Col157	6	1.11	8.46	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col157	7	1.11	8.46	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col157	8	-0.95	21.18	0.25	3.32	-1.02	3.07	0.04	0.07	0.29	0.00
Col157	9	-0.45	21.18	0.25	3.32	-1.02	3.07	0.02	0.07	0.31	0.00
Col157	10	-0.95	21.18	-0.25	3.32	1.02	3.07	0.04	0.07	0.29	0.00
Col157	11	-0.45	21.18	-0.25	3.32	1.02	3.07	0.02	0.07	0.31	0.00
Col157	12	-0.95	21.18	-0.25	3.32	1.02	3.07	0.04	0.07	0.29	0.00
Col157	13	-0.45	21.18	-0.25	3.32	1.02	3.07	0.02	0.07	0.31	0.00
Col157	14	-0.60	21.18	-0.25	3.32	1.02	3.07	0.03	0.07	0.30	0.00
Col157	15	-0.10	21.18	-0.25	3.32	1.02	3.07	0.00	0.07	0.33	0.00
Col157	16	0.92	8.46	-0.19	3.32	0.77	3.07	0.11	0.06	0.36	0.00
Col157	17	1.29	8.46	-0.19	3.32	0.77	3.07	0.15	0.06	0.40	0.00
Col157	18	0.66	8.46	-0.19	3.32	0.77	3.07	0.08	0.06	0.33	0.00
Col157	19	1.03	8.46	-0.19	3.32	0.77	3.07	0.12	0.06	0.37	0.00
Col157	20	0.50	8.46	-0.19	3.32	0.77	3.07	0.06	0.06	0.31	0.00
Col157	21	0.87	8.46	-0.19	3.32	0.77	3.07	0.10	0.06	0.35	0.00
Col157	22	0.24	8.46	-0.19	3.32	0.77	3.07	0.03	0.06	0.28	0.00
Col157	23	0.61	8.46	-0.19	3.32	0.77	3.07	0.07	0.06	0.32	0.00
Col157	24	0.50	8.46	-0.19	3.32	0.77	3.07	0.06	0.06	0.31	0.00
Col157	25	0.87	8.46	-0.19	3.32	0.77	3.07	0.10	0.06	0.35	0.00
Col157	26	0.24	8.46	-0.19	3.32	0.77	3.07	0.03	0.06	0.28	0.00
Col157	27	0.61	8.46	-0.19	3.32	0.77	3.07	0.07	0.06	0.32	0.00
Col157	28	-1.02	21.18	0.25	3.32	-1.02	3.07	0.05	0.07	0.28	0.00
Col157	29	-0.52	21.18	0.25	3.32	-1.02	3.07	0.02	0.07	0.31	0.00
Col157	30	-1.02	21.18	-0.25	3.32	1.02	3.07	0.05	0.07	0.28	0.00
Col157	31	-0.52	21.18	-0.25	3.32	1.02	3.07	0.02	0.07	0.31	0.00
Col157	32	-1.02	21.18	-0.25	3.32	1.02	3.07	0.05	0.07	0.28	0.00
Col157	33	-0.52	21.18	-0.25	3.32	1.02	3.07	0.02	0.07	0.31	0.00
Col157	34	-0.67	21.18	-0.25	3.32	1.02	3.07	0.03	0.07	0.30	0.00
Col157	35	-0.17	21.18	-0.25	3.32	1.02	3.07	0.01	0.07	0.32	0.00
Col157	36	0.26	8.46	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col157	37	0.26	8.46	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col157	38	1.54	8.46	0.00	3.32	0.00	3.07	0.18	0.00	0.18	0.00
Col157	39	1.54	8.46	0.00	3.32	0.00	3.07	0.18	0.00	0.18	0.00
Col157	40	1.12	8.46	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col157	41	1.12	8.46	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col157	42	1.12	8.46	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col157	43	1.12	8.46	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col157	44	0.14	8.46	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col157	45	0.14	8.46	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col157	46	1.62	8.46	0.00	3.32	0.00	3.07	0.19	0.00	0.19	0.00
Col157	47	0.67	8.46	-0.19	3.32	0.77	3.07	0.08	0.06	0.33	0.00
Col157	48	1.04	8.46	-0.19	3.32	0.77	3.07	0.12	0.06	0.37	0.00
Col157	49	0.26	8.46	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col157	50	0.26	8.46	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col157	51	0.15	8.46	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col157	52	0.15	8.46	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col158	1	1.96	8.36	0.00	3.32	0.00	3.07	0.23	0.00	0.23	0.00
Col158	2	0.26	8.36	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col158	3	1.40	8.36	0.00	3.32	0.00	3.07	0.17	0.00	0.17	0.00
Col158	4	1.40	8.36	0.00	3.32	0.00	3.07	0.17	0.00	0.17	0.00
Col158	5	1.53	8.36	0.00	3.32	0.00	3.07	0.18	0.00	0.18	0.00
Col158	6	1.11	8.36	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00

Col58	7	1.11	8.36	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col58	8	-0.95	21.18	0.25	3.32	-1.05	3.07	0.04	0.08	0.30	0.00
Col58	9	-0.45	21.18	0.25	3.32	-1.05	3.07	0.02	0.08	0.32	0.00
Col58	10	-0.95	21.18	-0.25	3.32	1.05	3.07	0.04	0.08	0.30	0.00
Col58	11	-0.45	21.18	-0.25	3.32	1.05	3.07	0.02	0.08	0.32	0.00
Col58	12	-0.95	21.18	-0.25	3.32	1.05	3.07	0.04	0.08	0.30	0.00
Col58	13	-0.45	21.18	-0.25	3.32	1.05	3.07	0.02	0.08	0.32	0.00
Col58	14	-0.60	21.18	-0.25	3.32	1.05	3.07	0.03	0.08	0.31	0.00
Col58	15	-0.10	21.18	-0.25	3.32	1.05	3.07	0.00	0.08	0.34	0.00
Col58	16	0.92	8.36	-0.19	3.32	0.79	3.07	0.11	0.06	0.37	0.00
Col58	17	1.29	8.36	-0.19	3.32	0.79	3.07	0.15	0.06	0.41	0.00
Col58	18	0.66	8.36	-0.19	3.32	0.79	3.07	0.08	0.06	0.33	0.00
Col58	19	1.03	8.36	-0.19	3.32	0.79	3.07	0.12	0.06	0.38	0.00
Col58	20	0.50	8.36	-0.19	3.32	0.79	3.07	0.06	0.06	0.32	0.00
Col58	21	0.87	8.36	-0.19	3.32	0.79	3.07	0.10	0.06	0.36	0.00
Col58	22	0.24	8.36	-0.19	3.32	0.79	3.07	0.03	0.06	0.28	0.00
Col58	23	0.61	8.36	-0.19	3.32	0.79	3.07	0.07	0.06	0.33	0.00
Col58	24	0.50	8.36	-0.19	3.32	0.79	3.07	0.06	0.06	0.32	0.00
Col58	25	0.87	8.36	-0.19	3.32	0.79	3.07	0.10	0.06	0.36	0.00
Col58	26	0.24	8.36	-0.19	3.32	0.79	3.07	0.03	0.06	0.28	0.00
Col58	27	0.61	8.36	-0.19	3.32	0.79	3.07	0.07	0.06	0.33	0.00
Col58	28	-1.02	21.18	0.25	3.32	-1.05	3.07	0.05	0.08	0.29	0.00
Col58	29	-0.52	21.18	0.25	3.32	-1.05	3.07	0.02	0.08	0.32	0.00
Col58	30	-1.02	21.18	-0.25	3.32	1.05	3.07	0.05	0.08	0.29	0.00
Col58	31	-0.52	21.18	-0.25	3.32	1.05	3.07	0.02	0.08	0.32	0.00
Col58	32	-1.02	21.18	-0.25	3.32	1.05	3.07	0.05	0.08	0.29	0.00
Col58	33	-0.52	21.18	-0.25	3.32	1.05	3.07	0.02	0.08	0.32	0.00
Col58	34	-0.67	21.18	-0.25	3.32	1.05	3.07	0.03	0.08	0.31	0.00
Col58	35	-0.17	21.18	-0.25	3.32	1.05	3.07	0.01	0.08	0.33	0.00
Col58	36	0.26	8.36	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col58	37	0.26	8.36	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col58	38	1.54	8.36	0.00	3.32	0.00	3.07	0.18	0.00	0.18	0.00
Col58	39	1.54	8.36	0.00	3.32	0.00	3.07	0.18	0.00	0.18	0.00
Col58	40	1.12	8.36	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col58	41	1.12	8.36	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col58	42	1.12	8.36	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col58	43	1.12	8.36	0.00	3.32	0.00	3.07	0.13	0.00	0.13	0.00
Col58	44	0.14	8.36	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col58	45	0.14	8.36	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col58	46	1.62	8.36	0.00	3.32	0.00	3.07	0.19	0.00	0.19	0.00
Col58	47	0.67	8.36	-0.19	3.32	0.79	3.07	0.08	0.06	0.34	0.00
Col58	48	1.04	8.36	-0.19	3.32	0.79	3.07	0.12	0.06	0.38	0.00
Col58	49	0.26	8.36	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col58	50	0.26	8.36	0.00	3.32	0.00	3.07	0.03	0.00	0.03	0.00
Col58	51	0.15	8.36	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00
Col58	52	0.15	8.36	0.00	3.32	0.00	3.07	0.02	0.00	0.02	0.00

COLUMN REACTIONS:

Id	Load		In_Plane Horz(k )	Out_Plane Horz(k )
	Id	Vert(k )		
Col150	1	1.95	0.00	0.00
Col150	2	0.25	0.00	0.00
Col150	3	1.39	0.00	0.00
Col150	4	1.39	0.00	0.00
Col150	5	1.53	0.00	0.00
Col150	6	1.11	0.00	0.00
Col150	7	1.11	0.00	0.00
Col150	8	-0.95	0.00	-0.23
Col150	9	-0.46	0.00	-0.23
Col150	10	-0.95	0.00	0.23
Col150	11	-0.46	0.00	0.23
Col150	12	-0.95	0.00	0.23
Col150	13	-0.46	0.00	0.23



Col150	14	-0.60	0.00	0.23
Col150	15	-0.11	0.00	0.23
Col150	16	0.92	0.00	0.17
Col150	17	1.29	0.00	0.17
Col150	18	0.66	0.00	0.17
Col150	19	1.03	0.00	0.17
Col150	20	0.50	0.00	0.17
Col150	21	0.87	0.00	0.17
Col150	22	0.24	0.00	0.17
Col150	23	0.61	0.00	0.17
Col150	24	0.50	0.00	0.17
Col150	25	0.87	0.00	0.17
Col150	26	0.24	0.00	0.17
Col150	27	0.61	0.00	0.17
Col150	28	-1.02	0.00	-0.23
Col150	29	-0.53	0.00	-0.23
Col150	30	-1.02	0.00	0.23
Col150	31	-0.53	0.00	0.23
Col150	32	-1.02	0.00	0.23
Col150	33	-0.53	0.00	0.23
Col150	34	-0.67	0.00	0.23
Col150	35	-0.18	0.00	0.23
Col150	36	0.26	0.00	0.00
Col150	37	0.26	0.00	0.00
Col150	38	1.53	0.00	0.00
Col150	39	1.53	0.00	0.00
Col150	40	1.11	0.00	0.00
Col150	41	1.11	0.00	0.00
Col150	42	1.11	0.00	0.00
Col150	43	1.11	0.00	0.00
Col150	44	0.14	0.00	0.00
Col150	45	0.14	0.00	0.00
Col150	46	1.62	0.00	0.00
Col150	47	0.66	0.00	0.17
Col150	48	1.04	0.00	0.17
Col150	49	0.25	0.00	0.00
Col150	50	0.25	0.00	0.00
Col150	51	0.14	0.00	0.00
Col150	52	0.14	0.00	0.00
Col151	1	1.96	0.00	0.00
Col151	2	0.26	0.00	0.00
Col151	3	1.39	0.00	0.00
Col151	4	1.39	0.00	0.00
Col151	5	1.53	0.00	0.00
Col151	6	1.11	0.00	0.00
Col151	7	1.11	0.00	0.00
Col151	8	-0.95	0.00	-0.23
Col151	9	-0.46	0.00	-0.23
Col151	10	-0.95	0.00	0.23
Col151	11	-0.46	0.00	0.23
Col151	12	-0.95	0.00	0.23
Col151	13	-0.46	0.00	0.23
Col151	14	-0.60	0.00	0.23
Col151	15	-0.11	0.00	0.23
Col151	16	0.92	0.00	0.17
Col151	17	1.29	0.00	0.17
Col151	18	0.66	0.00	0.17
Col151	19	1.03	0.00	0.17
Col151	20	0.50	0.00	0.17
Col151	21	0.87	0.00	0.17
Col151	22	0.24	0.00	0.17
Col151	23	0.61	0.00	0.17
Col151	24	0.50	0.00	0.17
Col151	25	0.87	0.00	0.17
Col151	26	0.24	0.00	0.17

Col51	27	0.61	0.00	0.17
Col51	28	-1.02	0.00	-0.23
Col51	29	-0.53	0.00	-0.23
Col51	30	-1.02	0.00	0.23
Col51	31	-0.53	0.00	0.23
Col51	32	-1.02	0.00	0.23
Col51	33	-0.53	0.00	0.23
Col51	34	-0.67	0.00	0.23
Col51	35	-0.18	0.00	0.23
Col51	36	0.26	0.00	0.00
Col51	37	0.26	0.00	0.00
Col51	38	1.53	0.00	0.00
Col51	39	1.53	0.00	0.00
Col51	40	1.11	0.00	0.00
Col51	41	1.11	0.00	0.00
Col51	42	1.11	0.00	0.00
Col51	43	1.11	0.00	0.00
Col51	44	0.14	0.00	0.00
Col51	45	0.14	0.00	0.00
Col51	46	1.62	0.00	0.00
Col51	47	0.66	0.00	0.17
Col51	48	1.04	0.00	0.17
Col51	49	0.26	0.00	0.00
Col51	50	0.26	0.00	0.00
Col51	51	0.14	0.00	0.00
Col51	52	0.14	0.00	0.00
Col52	1	1.96	0.00	0.00
Col52	2	0.26	0.00	0.00
Col52	3	1.39	0.00	0.00
Col52	4	1.39	0.00	0.00
Col52	5	1.53	0.00	0.00
Col52	6	1.11	0.00	0.00
Col52	7	1.11	0.00	0.00
Col52	8	-0.95	0.00	-0.23
Col52	9	-0.46	0.00	-0.23
Col52	10	-0.95	0.00	0.23
Col52	11	-0.46	0.00	0.23
Col52	12	-0.95	0.00	0.23
Col52	13	-0.46	0.00	0.23
Col52	14	-0.60	0.00	0.23
Col52	15	-0.11	0.00	0.23
Col52	16	0.92	0.00	0.17
Col52	17	1.29	0.00	0.17
Col52	18	0.66	0.00	0.17
Col52	19	1.03	0.00	0.17
Col52	20	0.50	0.00	0.17
Col52	21	0.87	0.00	0.17
Col52	22	0.24	0.00	0.17
Col52	23	0.61	0.00	0.17
Col52	24	0.50	0.00	0.17
Col52	25	0.87	0.00	0.17
Col52	26	0.24	0.00	0.17
Col52	27	0.61	0.00	0.17
Col52	28	-1.02	0.00	-0.23
Col52	29	-0.52	0.00	-0.23
Col52	30	-1.02	0.00	0.23
Col52	31	-0.52	0.00	0.23
Col52	32	-1.02	0.00	0.23
Col52	33	-0.52	0.00	0.23
Col52	34	-0.67	0.00	0.23
Col52	35	-0.18	0.00	0.23
Col52	36	0.26	0.00	0.00
Col52	37	0.26	0.00	0.00
Col52	38	1.54	0.00	0.00
Col52	39	1.53	0.00	0.00



Col52	40	1.11	0.00	0.00
Col52	41	1.11	0.00	0.00
Col52	42	1.11	0.00	0.00
Col52	43	1.11	0.00	0.00
Col52	44	0.14	0.00	0.00
Col52	45	0.14	0.00	0.00
Col52	46	1.62	0.00	0.00
Col52	47	0.67	0.00	0.17
Col52	48	1.04	0.00	0.17
Col52	49	0.26	0.00	0.00
Col52	50	0.26	0.00	0.00
Col52	51	0.15	0.00	0.00
Col52	52	0.14	0.00	0.00
Col53	1	1.96	0.00	0.00
Col53	2	0.26	0.00	0.00
Col53	3	1.40	0.00	0.00
Col53	4	1.40	0.00	0.00
Col53	5	1.53	0.00	0.00
Col53	6	1.11	0.00	0.00
Col53	7	1.11	0.00	0.00
Col53	8	-0.95	0.00	-0.24
Col53	9	-0.46	0.00	-0.24
Col53	10	-0.95	0.00	0.24
Col53	11	-0.46	0.00	0.24
Col53	12	-0.95	0.00	0.24
Col53	13	-0.46	0.00	0.24
Col53	14	-0.60	0.00	0.24
Col53	15	-0.11	0.00	0.24
Col53	16	0.92	0.00	0.18
Col53	17	1.29	0.00	0.18
Col53	18	0.66	0.00	0.18
Col53	19	1.03	0.00	0.18
Col53	20	0.50	0.00	0.18
Col53	21	0.87	0.00	0.18
Col53	22	0.24	0.00	0.18
Col53	23	0.61	0.00	0.18
Col53	24	0.50	0.00	0.18
Col53	25	0.87	0.00	0.18
Col53	26	0.24	0.00	0.18
Col53	27	0.61	0.00	0.18
Col53	28	-1.02	0.00	-0.24
Col53	29	-0.52	0.00	-0.24
Col53	30	-1.02	0.00	0.24
Col53	31	-0.52	0.00	0.24
Col53	32	-1.02	0.00	0.24
Col53	33	-0.52	0.00	0.24
Col53	34	-0.67	0.00	0.24
Col53	35	-0.17	0.00	0.24
Col53	36	0.26	0.00	0.00
Col53	37	0.26	0.00	0.00
Col53	38	1.54	0.00	0.00
Col53	39	1.54	0.00	0.00
Col53	40	1.11	0.00	0.00
Col53	41	1.11	0.00	0.00
Col53	42	1.11	0.00	0.00
Col53	43	1.11	0.00	0.00
Col53	44	0.14	0.00	0.00
Col53	45	0.14	0.00	0.00
Col53	46	1.62	0.00	0.00
Col53	47	0.67	0.00	0.18
Col53	48	1.04	0.00	0.18
Col53	49	0.26	0.00	0.00
Col53	50	0.26	0.00	0.00
Col53	51	0.15	0.00	0.00
Col53	52	0.15	0.00	0.00

Col154	1	1.96	0.00	0.00
Col154	2	0.26	0.00	0.00
Col154	3	1.40	0.00	0.00
Col154	4	1.40	0.00	0.00
Col154	5	1.53	0.00	0.00
Col154	6	1.11	0.00	0.00
Col154	7	1.11	0.00	0.00
Col154	8	-0.95	0.00	-0.24
Col154	9	-0.46	0.00	-0.24
Col154	10	-0.95	0.00	0.24
Col154	11	-0.46	0.00	0.24
Col154	12	-0.95	0.00	0.24
Col154	13	-0.46	0.00	0.24
Col154	14	-0.60	0.00	0.24
Col154	15	-0.11	0.00	0.24
Col154	16	0.92	0.00	0.18
Col154	17	1.29	0.00	0.18
Col154	18	0.66	0.00	0.18
Col154	19	1.03	0.00	0.18
Col154	20	0.50	0.00	0.18
Col154	21	0.87	0.00	0.18
Col154	22	0.24	0.00	0.18
Col154	23	0.61	0.00	0.18
Col154	24	0.50	0.00	0.18
Col154	25	0.87	0.00	0.18
Col154	26	0.24	0.00	0.18
Col154	27	0.61	0.00	0.18
Col154	28	-1.02	0.00	-0.24
Col154	29	-0.52	0.00	-0.24
Col154	30	-1.02	0.00	0.24
Col154	31	-0.52	0.00	0.24
Col154	32	-1.02	0.00	0.24
Col154	33	-0.52	0.00	0.24
Col154	34	-0.67	0.00	0.24
Col154	35	-0.17	0.00	0.24
Col154	36	0.26	0.00	0.00
Col154	37	0.26	0.00	0.00
Col154	38	1.54	0.00	0.00
Col154	39	1.54	0.00	0.00
Col154	40	1.12	0.00	0.00
Col154	41	1.12	0.00	0.00
Col154	42	1.12	0.00	0.00
Col154	43	1.12	0.00	0.00
Col154	44	0.14	0.00	0.00
Col154	45	0.14	0.00	0.00
Col154	46	1.62	0.00	0.00
Col154	47	0.67	0.00	0.18
Col154	48	1.04	0.00	0.18
Col154	49	0.26	0.00	0.00
Col154	50	0.26	0.00	0.00
Col154	51	0.15	0.00	0.00
Col154	52	0.15	0.00	0.00
Col155	1	1.96	0.00	0.00
Col155	2	0.26	0.00	0.00
Col155	3	1.40	0.00	0.00
Col155	4	1.40	0.00	0.00
Col155	5	1.53	0.00	0.00
Col155	6	1.11	0.00	0.00
Col155	7	1.11	0.00	0.00
Col155	8	-0.95	0.00	-0.24
Col155	9	-0.46	0.00	-0.24
Col155	10	-0.95	0.00	0.24
Col155	11	-0.46	0.00	0.24
Col155	12	-0.95	0.00	0.24
Col155	13	-0.46	0.00	0.24

Col55	14	-0.60	0.00	0.24
Col55	15	-0.11	0.00	0.24
Col55	16	0.92	0.00	0.18
Col55	17	1.29	0.00	0.18
Col55	18	0.66	0.00	0.18
Col55	19	1.03	0.00	0.18
Col55	20	0.50	0.00	0.18
Col55	21	0.87	0.00	0.18
Col55	22	0.24	0.00	0.18
Col55	23	0.61	0.00	0.18
Col55	24	0.50	0.00	0.18
Col55	25	0.87	0.00	0.18
Col55	26	0.24	0.00	0.18
Col55	27	0.61	0.00	0.18
Col55	28	-1.02	0.00	-0.24
Col55	29	-0.52	0.00	-0.24
Col55	30	-1.02	0.00	0.24
Col55	31	-0.52	0.00	0.24
Col55	32	-1.02	0.00	0.24
Col55	33	-0.52	0.00	0.24
Col55	34	-0.67	0.00	0.24
Col55	35	-0.17	0.00	0.24
Col55	36	0.26	0.00	0.00
Col55	37	0.26	0.00	0.00
Col55	38	1.54	0.00	0.00
Col55	39	1.54	0.00	0.00
Col55	40	1.12	0.00	0.00
Col55	41	1.12	0.00	0.00
Col55	42	1.12	0.00	0.00
Col55	43	1.12	0.00	0.00
Col55	44	0.14	0.00	0.00
Col55	45	0.14	0.00	0.00
Col55	46	1.62	0.00	0.00
Col55	47	0.67	0.00	0.18
Col55	48	1.04	0.00	0.18
Col55	49	0.26	0.00	0.00
Col55	50	0.26	0.00	0.00
Col55	51	0.15	0.00	0.00
Col55	52	0.15	0.00	0.00
Col56	1	1.96	0.00	0.00
Col56	2	0.26	0.00	0.00
Col56	3	1.40	0.00	0.00
Col56	4	1.40	0.00	0.00
Col56	5	1.53	0.00	0.00
Col56	6	1.11	0.00	0.00
Col56	7	1.11	0.00	0.00
Col56	8	-0.95	0.00	-0.24
Col56	9	-0.45	0.00	-0.24
Col56	10	-0.95	0.00	0.24
Col56	11	-0.45	0.00	0.24
Col56	12	-0.95	0.00	0.24
Col56	13	-0.45	0.00	0.24
Col56	14	-0.60	0.00	0.24
Col56	15	-0.11	0.00	0.24
Col56	16	0.92	0.00	0.18
Col56	17	1.29	0.00	0.18
Col56	18	0.66	0.00	0.18
Col56	19	1.03	0.00	0.18
Col56	20	0.50	0.00	0.18
Col56	21	0.87	0.00	0.18
Col56	22	0.24	0.00	0.18
Col56	23	0.61	0.00	0.18
Col56	24	0.50	0.00	0.18
Col56	25	0.87	0.00	0.18
Col56	26	0.24	0.00	0.18

Col156	27	0.61	0.00	0.18
Col156	28	-1.02	0.00	-0.24
Col156	29	-0.52	0.00	-0.24
Col156	30	-1.02	0.00	0.24
Col156	31	-0.52	0.00	0.24
Col156	32	-1.02	0.00	0.24
Col156	33	-0.52	0.00	0.24
Col156	34	-0.67	0.00	0.24
Col156	35	-0.17	0.00	0.24
Col156	36	0.26	0.00	0.00
Col156	37	0.26	0.00	0.00
Col156	38	1.54	0.00	0.00
Col156	39	1.54	0.00	0.00
Col156	40	1.12	0.00	0.00
Col156	41	1.12	0.00	0.00
Col156	42	1.12	0.00	0.00
Col156	43	1.12	0.00	0.00
Col156	44	0.14	0.00	0.00
Col156	45	0.14	0.00	0.00
Col156	46	1.62	0.00	0.00
Col156	47	0.67	0.00	0.18
Col156	48	1.04	0.00	0.18
Col156	49	0.26	0.00	0.00
Col156	50	0.26	0.00	0.00
Col156	51	0.15	0.00	0.00
Col156	52	0.15	0.00	0.00
Col157	1	1.96	0.00	0.00
Col157	2	0.26	0.00	0.00
Col157	3	1.40	0.00	0.00
Col157	4	1.40	0.00	0.00
Col157	5	1.53	0.00	0.00
Col157	6	1.11	0.00	0.00
Col157	7	1.11	0.00	0.00
Col157	8	-0.95	0.00	-0.25
Col157	9	-0.45	0.00	-0.25
Col157	10	-0.95	0.00	0.25
Col157	11	-0.45	0.00	0.25
Col157	12	-0.95	0.00	0.25
Col157	13	-0.45	0.00	0.25
Col157	14	-0.60	0.00	0.25
Col157	15	-0.10	0.00	0.25
Col157	16	0.92	0.00	0.19
Col157	17	1.29	0.00	0.19
Col157	18	0.66	0.00	0.19
Col157	19	1.03	0.00	0.19
Col157	20	0.50	0.00	0.19
Col157	21	0.87	0.00	0.19
Col157	22	0.24	0.00	0.19
Col157	23	0.61	0.00	0.19
Col157	24	0.50	0.00	0.19
Col157	25	0.87	0.00	0.19
Col157	26	0.24	0.00	0.19
Col157	27	0.61	0.00	0.19
Col157	28	-1.02	0.00	-0.25
Col157	29	-0.52	0.00	-0.25
Col157	30	-1.02	0.00	0.25
Col157	31	-0.52	0.00	0.25
Col157	32	-1.02	0.00	0.25
Col157	33	-0.52	0.00	0.25
Col157	34	-0.67	0.00	0.25
Col157	35	-0.17	0.00	0.25
Col157	36	0.26	0.00	0.00
Col157	37	0.26	0.00	0.00
Col157	38	1.54	0.00	0.00
Col157	39	1.54	0.00	0.00

Col57	40	1.12	0.00	0.00
Col57	41	1.12	0.00	0.00
Col57	42	1.12	0.00	0.00
Col57	43	1.12	0.00	0.00
Col57	44	0.14	0.00	0.00
Col57	45	0.14	0.00	0.00
Col57	46	1.62	0.00	0.00
Col57	47	0.67	0.00	0.19
Col57	48	1.04	0.00	0.19
Col57	49	0.26	0.00	0.00
Col57	50	0.26	0.00	0.00
Col57	51	0.15	0.00	0.00
Col57	52	0.15	0.00	0.00
Col58	1	1.96	0.00	0.00
Col58	2	0.26	0.00	0.00
Col58	3	1.40	0.00	0.00
Col58	4	1.40	0.00	0.00
Col58	5	1.53	0.00	0.00
Col58	6	1.11	0.00	0.00
Col58	7	1.11	0.00	0.00
Col58	8	-0.95	0.00	-0.25
Col58	9	-0.45	0.00	-0.25
Col58	10	-0.95	0.00	0.25
Col58	11	-0.45	0.00	0.25
Col58	12	-0.95	0.00	0.25
Col58	13	-0.45	0.00	0.25
Col58	14	-0.60	0.00	0.25
Col58	15	-0.10	0.00	0.25
Col58	16	0.92	0.00	0.19
Col58	17	1.29	0.00	0.19
Col58	18	0.66	0.00	0.19
Col58	19	1.03	0.00	0.19
Col58	20	0.50	0.00	0.19
Col58	21	0.87	0.00	0.19
Col58	22	0.24	0.00	0.19
Col58	23	0.61	0.00	0.19
Col58	24	0.50	0.00	0.19
Col58	25	0.87	0.00	0.19
Col58	26	0.24	0.00	0.19
Col58	27	0.61	0.00	0.19
Col58	28	-1.02	0.00	-0.25
Col58	29	-0.52	0.00	-0.25
Col58	30	-1.02	0.00	0.25
Col58	31	-0.52	0.00	0.25
Col58	32	-1.02	0.00	0.25
Col58	33	-0.52	0.00	0.25
Col58	34	-0.67	0.00	0.25
Col58	35	-0.17	0.00	0.25
Col58	36	0.26	0.00	0.00
Col58	37	0.26	0.00	0.00
Col58	38	1.54	0.00	0.00
Col58	39	1.54	0.00	0.00
Col58	40	1.12	0.00	0.00
Col58	41	1.12	0.00	0.00
Col58	42	1.12	0.00	0.00
Col58	43	1.12	0.00	0.00
Col58	44	0.14	0.00	0.00
Col58	45	0.14	0.00	0.00
Col58	46	1.62	0.00	0.00
Col58	47	0.67	0.00	0.19
Col58	48	1.04	0.00	0.19
Col58	49	0.26	0.00	0.00
Col58	50	0.26	0.00	0.00
Col58	51	0.15	0.00	0.00
Col58	52	0.15	0.00	0.00

COLUMN DEFLECTIONS:

Id	Load	Deflection (in)	
	Id	Calc	Limit
Col150	1	0.00	1.00
Col150	2	0.00	1.00
Col150	3	0.00	1.00
Col150	4	0.00	1.00
Col150	5	0.00	1.00
Col150	6	0.00	1.00
Col150	7	0.00	1.00
Col150	8	-0.31	1.00
Col150	9	-0.31	1.00
Col150	10	0.31	1.00
Col150	11	0.31	1.00
Col150	12	0.31	1.00
Col150	13	0.31	1.00
Col150	14	0.31	1.00
Col150	15	0.31	1.00
Col150	16	0.23	1.00
Col150	17	0.23	1.00
Col150	18	0.23	1.00
Col150	19	0.23	1.00
Col150	20	0.23	1.00
Col150	21	0.23	1.00
Col150	22	0.23	1.00
Col150	23	0.23	1.00
Col150	24	0.23	1.00
Col150	25	0.23	1.00
Col150	26	0.23	1.00
Col150	27	0.23	1.00
Col150	28	-0.31	1.00
Col150	29	-0.31	1.00
Col150	30	0.31	1.00
Col150	31	0.31	1.00
Col150	32	0.31	1.00
Col150	33	0.31	1.00
Col150	34	0.31	1.00
Col150	35	0.31	1.00
Col150	36	0.00	1.00
Col150	37	0.00	1.00
Col150	38	0.00	1.00
Col150	39	0.00	1.00
Col150	40	0.00	1.00
Col150	41	0.00	1.00
Col150	42	0.00	1.00
Col150	43	0.00	1.00
Col150	44	0.00	1.00
Col150	45	0.00	1.00
Col150	46	0.00	1.00
Col150	47	0.14	1.00
Col150	48	0.14	1.00
Col151	1	0.00	1.02
Col151	2	0.00	1.02
Col151	3	0.00	1.02
Col151	4	0.00	1.02
Col151	5	0.00	1.02
Col151	6	0.00	1.02
Col151	7	0.00	1.02
Col151	8	-0.33	1.02
Col151	9	-0.33	1.02
Col151	10	0.33	1.02
Col151	11	0.33	1.02

Col51	12	0.33	1.02
Col51	13	0.33	1.02
Col51	14	0.33	1.02
Col51	15	0.33	1.02
Col51	16	0.25	1.02
Col51	17	0.25	1.02
Col51	18	0.25	1.02
Col51	19	0.25	1.02
Col51	20	0.25	1.02
Col51	21	0.25	1.02
Col51	22	0.25	1.02
Col51	23	0.25	1.02
Col51	24	0.25	1.02
Col51	25	0.25	1.02
Col51	26	0.25	1.02
Col51	27	0.25	1.02
Col51	28	-0.33	1.02
Col51	29	-0.33	1.02
Col51	30	0.33	1.02
Col51	31	0.33	1.02
Col51	32	0.33	1.02
Col51	33	0.33	1.02
Col51	34	0.33	1.02
Col51	35	0.33	1.02
Col51	36	0.00	1.02
Col51	37	0.00	1.02
Col51	38	0.00	1.02
Col51	39	0.00	1.02
Col51	40	0.00	1.02
Col51	41	0.00	1.02
Col51	42	0.00	1.02
Col51	43	0.00	1.02
Col51	44	0.00	1.02
Col51	45	0.00	1.02
Col51	46	0.00	1.02
Col51	47	0.15	1.02
Col51	48	0.15	1.02
Col52	1	0.00	1.03
Col52	2	0.00	1.03
Col52	3	0.00	1.03
Col52	4	0.00	1.03
Col52	5	0.00	1.03
Col52	6	0.00	1.03
Col52	7	0.00	1.03
Col52	8	-0.35	1.03
Col52	9	-0.35	1.03
Col52	10	0.35	1.03
Col52	11	0.35	1.03
Col52	12	0.35	1.03
Col52	13	0.35	1.03
Col52	14	0.35	1.03
Col52	15	0.35	1.03
Col52	16	0.26	1.03
Col52	17	0.26	1.03
Col52	18	0.26	1.03
Col52	19	0.26	1.03
Col52	20	0.26	1.03
Col52	21	0.26	1.03
Col52	22	0.26	1.03
Col52	23	0.26	1.03
Col52	24	0.26	1.03
Col52	25	0.26	1.03
Col52	26	0.26	1.03
Col52	27	0.26	1.03
Col52	28	-0.35	1.03

Col152	29	-0.35	1.03
Col152	30	0.35	1.03
Col152	31	0.35	1.03
Col152	32	0.35	1.03
Col152	33	0.35	1.03
Col152	34	0.35	1.03
Col152	35	0.35	1.03
Col152	36	0.00	1.03
Col152	37	0.00	1.03
Col152	38	0.00	1.03
Col152	39	0.00	1.03
Col152	40	0.00	1.03
Col152	41	0.00	1.03
Col152	42	0.00	1.03
Col152	43	0.00	1.03
Col152	44	0.00	1.03
Col152	45	0.00	1.03
Col152	46	0.00	1.03
Col152	47	0.16	1.03
Col152	48	0.16	1.03
Col153	1	0.00	1.04
Col153	2	0.00	1.04
Col153	3	0.00	1.04
Col153	4	0.00	1.04
Col153	5	0.00	1.04
Col153	6	0.00	1.04
Col153	7	0.00	1.04
Col153	8	-0.37	1.04
Col153	9	-0.37	1.04
Col153	10	0.37	1.04
Col153	11	0.37	1.04
Col153	12	0.37	1.04
Col153	13	0.37	1.04
Col153	14	0.37	1.04
Col153	15	0.37	1.04
Col153	16	0.28	1.04
Col153	17	0.28	1.04
Col153	18	0.28	1.04
Col153	19	0.28	1.04
Col153	20	0.28	1.04
Col153	21	0.28	1.04
Col153	22	0.28	1.04
Col153	23	0.28	1.04
Col153	24	0.28	1.04
Col153	25	0.28	1.04
Col153	26	0.28	1.04
Col153	27	0.28	1.04
Col153	28	-0.37	1.04
Col153	29	-0.37	1.04
Col153	30	0.37	1.04
Col153	31	0.37	1.04
Col153	32	0.37	1.04
Col153	33	0.37	1.04
Col153	34	0.37	1.04
Col153	35	0.37	1.04
Col153	36	0.00	1.04
Col153	37	0.00	1.04
Col153	38	0.00	1.04
Col153	39	0.00	1.04
Col153	40	0.00	1.04
Col153	41	0.00	1.04
Col153	42	0.00	1.04
Col153	43	0.00	1.04
Col153	44	0.00	1.04
Col153	45	0.00	1.04



Col153	46	0.00	1.04
Col153	47	0.17	1.04
Col153	48	0.17	1.04
Col154	1	0.00	1.06
Col154	2	0.00	1.06
Col154	3	0.00	1.06
Col154	4	0.00	1.06
Col154	5	0.00	1.06
Col154	6	0.00	1.06
Col154	7	0.00	1.06
Col154	8	-0.39	1.06
Col154	9	-0.39	1.06
Col154	10	0.39	1.06
Col154	11	0.39	1.06
Col154	12	0.39	1.06
Col154	13	0.39	1.06
Col154	14	0.39	1.06
Col154	15	0.39	1.06
Col154	16	0.29	1.06
Col154	17	0.29	1.06
Col154	18	0.29	1.06
Col154	19	0.29	1.06
Col154	20	0.29	1.06
Col154	21	0.29	1.06
Col154	22	0.29	1.06
Col154	23	0.29	1.06
Col154	24	0.29	1.06
Col154	25	0.29	1.06
Col154	26	0.29	1.06
Col154	27	0.29	1.06
Col154	28	-0.39	1.06
Col154	29	-0.39	1.06
Col154	30	0.39	1.06
Col154	31	0.39	1.06
Col154	32	0.39	1.06
Col154	33	0.39	1.06
Col154	34	0.39	1.06
Col154	35	0.39	1.06
Col154	36	0.00	1.06
Col154	37	0.00	1.06
Col154	38	0.00	1.06
Col154	39	0.00	1.06
Col154	40	0.00	1.06
Col154	41	0.00	1.06
Col154	42	0.00	1.06
Col154	43	0.00	1.06
Col154	44	0.00	1.06
Col154	45	0.00	1.06
Col154	46	0.00	1.06
Col154	47	0.17	1.06
Col154	48	0.17	1.06
Col155	1	0.00	1.07
Col155	2	0.00	1.07
Col155	3	0.00	1.07
Col155	4	0.00	1.07
Col155	5	0.00	1.07
Col155	6	0.00	1.07
Col155	7	0.00	1.07
Col155	8	-0.41	1.07
Col155	9	-0.41	1.07
Col155	10	0.41	1.07
Col155	11	0.41	1.07
Col155	12	0.41	1.07
Col155	13	0.41	1.07
Col155	14	0.41	1.07

Col155	15	0.41	1.07
Col155	16	0.31	1.07
Col155	17	0.31	1.07
Col155	18	0.31	1.07
Col155	19	0.31	1.07
Col155	20	0.31	1.07
Col155	21	0.31	1.07
Col155	22	0.31	1.07
Col155	23	0.31	1.07
Col155	24	0.31	1.07
Col155	25	0.31	1.07
Col155	26	0.31	1.07
Col155	27	0.31	1.07
Col155	28	-0.41	1.07
Col155	29	-0.41	1.07
Col155	30	0.41	1.07
Col155	31	0.41	1.07
Col155	32	0.41	1.07
Col155	33	0.41	1.07
Col155	34	0.41	1.07
Col155	35	0.41	1.07
Col155	36	0.00	1.07
Col155	37	0.00	1.07
Col155	38	0.00	1.07
Col155	39	0.00	1.07
Col155	40	0.00	1.07
Col155	41	0.00	1.07
Col155	42	0.00	1.07
Col155	43	0.00	1.07
Col155	44	0.00	1.07
Col155	45	0.00	1.07
Col155	46	0.00	1.07
Col155	47	0.18	1.07
Col155	48	0.18	1.07
Col156	1	0.00	1.09
Col156	2	0.00	1.09
Col156	3	0.00	1.09
Col156	4	0.00	1.09
Col156	5	0.00	1.09
Col156	6	0.00	1.09
Col156	7	0.00	1.09
Col156	8	-0.43	1.09
Col156	9	-0.43	1.09
Col156	10	0.43	1.09
Col156	11	0.43	1.09
Col156	12	0.43	1.09
Col156	13	0.43	1.09
Col156	14	0.43	1.09
Col156	15	0.43	1.09
Col156	16	0.32	1.09
Col156	17	0.32	1.09
Col156	18	0.32	1.09
Col156	19	0.32	1.09
Col156	20	0.32	1.09
Col156	21	0.32	1.09
Col156	22	0.32	1.09
Col156	23	0.32	1.09
Col156	24	0.32	1.09
Col156	25	0.32	1.09
Col156	26	0.32	1.09
Col156	27	0.32	1.09
Col156	28	-0.43	1.09
Col156	29	-0.43	1.09
Col156	30	0.43	1.09
Col156	31	0.43	1.09

Col156	32	0.43	1.09
Col156	33	0.43	1.09
Col156	34	0.43	1.09
Col156	35	0.43	1.09
Col156	36	0.00	1.09
Col156	37	0.00	1.09
Col156	38	0.00	1.09
Col156	39	0.00	1.09
Col156	40	0.00	1.09
Col156	41	0.00	1.09
Col156	42	0.00	1.09
Col156	43	0.00	1.09
Col156	44	0.00	1.09
Col156	45	0.00	1.09
Col156	46	0.00	1.09
Col156	47	0.19	1.09
Col156	48	0.19	1.09
Col157	1	0.00	1.10
Col157	2	0.00	1.10
Col157	3	0.00	1.10
Col157	4	0.00	1.10
Col157	5	0.00	1.10
Col157	6	0.00	1.10
Col157	7	0.00	1.10
Col157	8	-0.45	1.10
Col157	9	-0.45	1.10
Col157	10	0.45	1.10
Col157	11	0.45	1.10
Col157	12	0.45	1.10
Col157	13	0.45	1.10
Col157	14	0.45	1.10
Col157	15	0.45	1.10
Col157	16	0.34	1.10
Col157	17	0.34	1.10
Col157	18	0.34	1.10
Col157	19	0.34	1.10
Col157	20	0.34	1.10
Col157	21	0.34	1.10
Col157	22	0.34	1.10
Col157	23	0.34	1.10
Col157	24	0.34	1.10
Col157	25	0.34	1.10
Col157	26	0.34	1.10
Col157	27	0.34	1.10
Col157	28	-0.45	1.10
Col157	29	-0.45	1.10
Col157	30	0.45	1.10
Col157	31	0.45	1.10
Col157	32	0.45	1.10
Col157	33	0.45	1.10
Col157	34	0.45	1.10
Col157	35	0.45	1.10
Col157	36	0.00	1.10
Col157	37	0.00	1.10
Col157	38	0.00	1.10
Col157	39	0.00	1.10
Col157	40	0.00	1.10
Col157	41	0.00	1.10
Col157	42	0.00	1.10
Col157	43	0.00	1.10
Col157	44	0.00	1.10
Col157	45	0.00	1.10
Col157	46	0.00	1.10
Col157	47	0.20	1.10
Col157	48	0.20	1.10

Col58	1	0.00	1.11
Col58	2	0.00	1.11
Col58	3	0.00	1.11
Col58	4	0.00	1.11
Col58	5	0.00	1.11
Col58	6	0.00	1.11
Col58	7	0.00	1.11
Col58	8	-0.48	1.11
Col58	9	-0.48	1.11
Col58	10	0.48	1.11
Col58	11	0.48	1.11
Col58	12	0.48	1.11
Col58	13	0.48	1.11
Col58	14	0.48	1.11
Col58	15	0.48	1.11
Col58	16	0.36	1.11
Col58	17	0.36	1.11
Col58	18	0.36	1.11
Col58	19	0.36	1.11
Col58	20	0.36	1.11
Col58	21	0.36	1.11
Col58	22	0.36	1.11
Col58	23	0.36	1.11
Col58	24	0.36	1.11
Col58	25	0.36	1.11
Col58	26	0.36	1.11
Col58	27	0.36	1.11
Col58	28	-0.48	1.11
Col58	29	-0.48	1.11
Col58	30	0.48	1.11
Col58	31	0.48	1.11
Col58	32	0.48	1.11
Col58	33	0.48	1.11
Col58	34	0.48	1.11
Col58	35	0.48	1.11
Col58	36	0.00	1.11
Col58	37	0.00	1.11
Col58	38	0.00	1.11
Col58	39	0.00	1.11
Col58	40	0.00	1.11
Col58	41	0.00	1.11
Col58	42	0.00	1.11
Col58	43	0.00	1.11
Col58	44	0.00	1.11
Col58	45	0.00	1.11
Col58	46	0.00	1.11
Col58	47	0.21	1.11
Col58	48	0.21	1.11

COLUMN KL/R RATIO, MOMENT REDUCTION:

Id	Major (ft)	--Minor (ft)--		----KL/R----		Available Reduction Factor	
		Bend	Axial	Major	Minor	Out	In
Col150	15.0	0.1	0.1	78	2	0.00	0.00
Col151	15.3	0.1	0.1	79	2	0.00	0.00
Col152	15.5	0.1	0.1	80	2	0.00	0.00
Col153	15.7	0.1	0.1	81	2	0.00	0.00
Col154	15.9	0.1	0.1	82	2	0.00	0.00
Col155	16.1	0.1	0.1	83	2	0.00	0.00
Col156	16.3	0.1	0.1	85	2	0.00	0.00
Col157	16.5	0.1	0.1	86	2	0.00	0.00
Col158	16.7	0.1	0.1	87	2	0.00	0.00

PANEL DATA:

Bay	Part	Type	Gage	Yield
1	PBR29	PR	29.00	60.0

MOMENTS & DEFLECTION:

Span Id	Locate (ft)		Load	-----Moment (ft-lb/ft)-----								Deflect (in)	
	Start	End		Start		Midspan		End		Max UC	Calc	Limit	
1	0.00	5.00	WP	0.0	107.0	-11.7	70.2	15.8	107.0	0.17	-0.04	1.00	
			WS	0.0	107.0	11.7	107.0	-15.8	70.2	0.23	0.04	1.00	
2	5.00	10.00	WP	15.8	107.0	-5.1	70.2	11.6	107.0	0.15	-0.01	1.00	
			WS	-15.8	70.2	5.1	107.0	-11.6	70.2	0.23	0.01	1.00	
3	10.00	15.00	WP	11.6	107.0	-6.6	70.2	12.7	107.0	0.12	-0.02	1.00	
			WS	-11.6	70.2	6.6	107.0	-12.7	70.2	0.18	0.02	1.00	
4	15.00	20.00	WP	12.7	107.0	-6.2	70.2	12.4	107.0	0.12	-0.01	1.00	
			WS	-12.7	70.2	6.2	107.0	-12.4	70.2	0.18	0.01	1.00	
5	20.00	25.00	WP	12.4	107.0	-6.3	70.2	12.5	107.0	0.12	-0.01	1.00	
			WS	-12.4	70.2	6.3	107.0	-12.5	70.2	0.18	0.01	1.00	
6	25.00	30.00	WP	12.5	107.0	-6.3	70.2	12.4	107.0	0.12	-0.01	1.00	
			WS	-12.5	70.2	6.3	107.0	-12.4	70.2	0.18	0.01	1.00	
7	30.00	35.00	WP	12.4	107.0	-6.2	70.2	12.7	107.0	0.12	-0.01	1.00	
			WS	-12.4	70.2	6.2	107.0	-12.7	70.2	0.18	0.01	1.00	
8	35.00	40.00	WP	12.7	107.0	-6.6	70.2	11.6	107.0	0.12	-0.02	1.00	
			WS	-12.7	70.2	6.6	107.0	-11.6	70.2	0.18	0.02	1.00	
9	40.00	45.00	WP	11.6	107.0	-5.1	70.2	15.8	107.0	0.15	-0.01	1.00	
			WS	-11.6	70.2	5.1	107.0	-15.8	70.2	0.23	0.01	1.00	
10	45.00	50.00	WP	15.8	107.0	-11.7	70.2	0.0	107.0	0.17	-0.04	1.00	
			WS	-15.8	70.2	11.7	107.0	0.0	107.0	0.23	0.04	1.00	

WP - Wind\_Pressure  
 WS - Wind\_Suction

WALL PANEL

Member

WRN(PWM-203): Moment > Limit