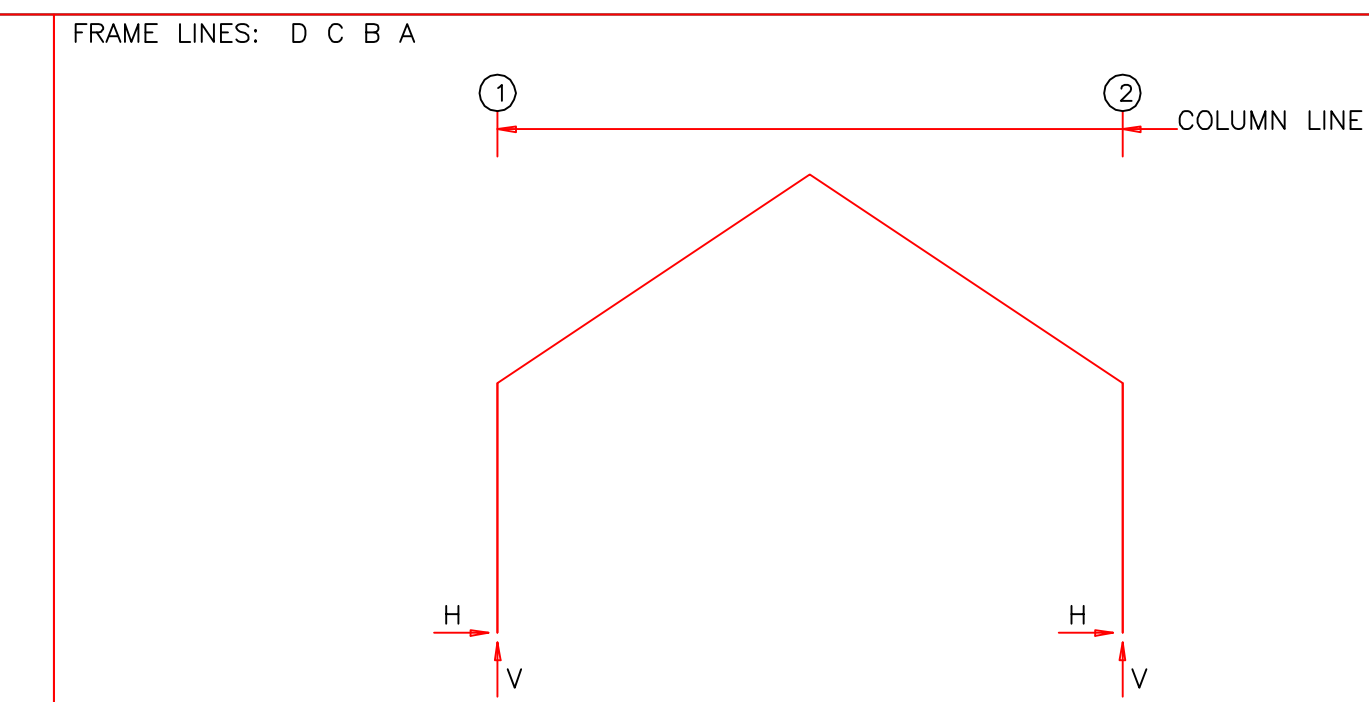


NOTES FOR REACTIONS

- All loading conditions are examined and only maximum/minimum H or V and the corresponding H or V are reported.
- Positive reactions are as shown in the sketch. Foundation loads are in opposite directions.
- Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. The vertical reaction is downward.
- Building reactions are based on the following building data:
 - Width (ft) = 30.0
 - Length (ft) = 70.0
 - Eave Height (ft) = 12.0/ 12.0
 - Roof Slope (rise/12) = 8.0/ 8.0
 - Dead Load (psf) = 2.0
 - Collateral Load (psf) = 1.0
 - Roof Live Load (psf) = 20.0
 - Frame Live Load
 - Min (psf) = 12.0
 - Max (psf) = 12.7
 - Snow Load (psf) = 3.5
 - Wind Speed (mph) = 138.0
 - Wind Code = IBC 15
 - Exposure = B
 - Closed/Open = C
 - Importance Wind = 1.00
 - Importance Seismic = 1.00
 - Seismic Zone = B
 - Seismic Coeff (Fa*Sa) = 0.16
- Loading conditions are:
 - 1 Dead+Collateral+Live
 - 2 Dead+Collateral+0.75Live+0.45Wind_Left1
 - 3 Dead+Collateral+0.75Live+0.45Wind_Right1
 - 4 Dead+Collateral+0.75Live+0.45Wind_Left2
 - 5 Dead+Collateral+0.75Live+0.45Wind_Right2
 - 6 0.6Dead+0.6Wind_Right1
 - 7 0.6Dead+0.6Wind_Left2
 - 8 0.6Dead+0.6Wind_Right2
 - 9 0.6Dead+0.6Wind_Long1R
 - 10 0.6Dead+0.6Wind_Long2R



RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k)						Bolt Qty	Bolt Dia	Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin			Width	Length	Thick	
D*	1	3	2.4	2.9	7	-2.4	-0.1	4	0.750	5.000	8.750	0.250	0.0
		5	2.1	3.8	10	-0.2	-3.2						
		8	2.4	-0.1	2	-2.4	2.9						
D*	2	4	-2.1	3.8	9	0.2	-3.2						

D* Frame lines: D A

RIGID FRAME: MAXIMUM REACTIONS, ANCHOR BOLTS, & BASE PLATES

Frm Line	Col Line	Column_Reactions(k)						Bolt Qty	Bolt Dia	Base_Plate(in)			Grout (in)
		Load Id	Hmax H	V Vmax	Load Id	Hmin H	V Vmin			Width	Length	Thick	
C*	1	3	3.0	3.2	7	-3.6	-1.1	4	0.750	5.000	8.250	0.250	0.0
		1	1.6	5.6	10	-0.2	-4.2						
C*	2	8	3.9	-1.9	2	-3.4	4.1	4	0.750	5.000	8.250	0.250	0.0
		1	-1.6	6.4	6	3.0	-3.7						

C* Frame lines: C B

RIGID FRAME: BASIC COLUMN REACTIONS (k)

Frame Line	Column Line	Dead		Collateral		Live		Snow		Wind_Left1		Wind_Right1	
		Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert	Horiz	Vert
D*	1	0.2	0.8	0.1	0.2	0.8	2.6	0.2	0.7	-3.6	-3.1	3.3	-0.3
D*	2	-0.2	0.8	-0.1	0.2	-0.8	2.6	-0.2	0.7	-3.3	-0.3	3.6	-3.1
D*	1	-4.1	-1.0	2.8	1.8	1.6	-5.4	-0.6	-6.2	0.0	0.0	0.0	0.0
D*	2	-2.8	1.8	4.1	-1.0	0.6	-6.2	-1.6	-5.4	0.0	0.0	0.0	0.0
C*	1	0.3	1.1	0.1	0.4	1.2	4.1	0.4	1.2	-5.9	-6.9	3.8	-3.0
C*	2	-0.3	1.2	-0.1	0.4	-1.2	4.8	-0.4	1.3	-4.7	-2.4	5.3	-7.4
C*	1	-6.3	-2.9	3.5	1.0	1.0	-8.0	-0.6	-8.1	-0.1	0.0	0.1	0.0
C*	2	-3.3	0.6	6.7	-4.4	-1.7	-6.5	-3.3	-6.4	-0.1	0.0	0.1	0.0
C*	1	0.4	1.3	0.4	0.8								
C*	2	-0.4	0.8	-0.4	1.3								

D* Frame lines: D A

C* Frame lines: C B


ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Type	Bend Len (in)	Proj (in)
32	Frame	3/4"	A307	3.00	2.50

BUILDING BRACING REACTIONS

Wall Loc	Col Line	± Reactions(k)				Panel_Shear (lb/ft)		Note
		Wind Horiz	Wind Vert	Seismic Horiz	Seismic Vert	Wind	Seis	
L_SW	D							(h)
F_SW	2					48	2	(h)
R_SW	A							(h)
B_SW	1					39	2	(h)

(h) Rigid frame at endwall



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www.corrugatedind.com

DESCRIPTION: ANCHOR BOLT REACTIONS

CUSTOMER: DLR **PROJECT:** PRJ

LOCATION: PRJ Address 2

DRN. BY	CK'D BY	DATE	SCALE	REV.	QUOTATION NO.	SHEET NO.
DET	DES	6/23/20	N.T.S.	00	124-1	OF