BUILDING BRACING REACTIONS

Wall Loc	Wall Line	Col Line	± Reactions(k) Wind Horz	Wind Vert	Seismic Horz	Seismic Vert	Panel Shear (lb/ft) Wind	Seis	Note
L_EW	2								(h)
F_SW	D								(e)
R_EW	1								(h)
B_SW	E								(j)

(e)Bracing loads must be applied to supporting building
(h)Rigid frame at endwall
(j)Weak axis bending is used

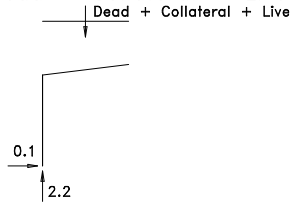
RIGID FRAME REACTIONS: WEAK AXIS BENDING

Wall Loc	Wall Line	Col Line	Reactions(k ,f-k) Horiz	AB_Vert	Moment	Load ID
B_SW	E	1	0.4	8.4	5.6	Wind
B_SW	E	1	0.2	3.1	2.0	Seismic
B_SW	E	2	0.4	8.4	5.6	Wind
B_SW	E	2	0.2	3.1	2.0	Seismic

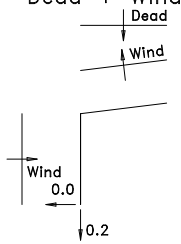
RIGID FRAME REACTIONS (k)

@ 2 1

Dead + Collateral + Live



Dead + Wind



NOTES FOR REACTIONS

Building reactions are based on the following building data:

Width (ft)	= 10.0
Length (ft)	= 30.0
Eave Height (ft)	= 14.3/ 16.0
Roof Slope (rise/12)	= 2.0
Dead Load (psf)	= 2.0
Collateral Load (psf)	= 2.0
Live Load (psf)	= 20.0
Snow Load (psf)	= 10.5
Wind Speed (mph)	= 115.0
Wind Code	= KBC 18 (IBC 15)
Exposure	= C
Closed/Open	= O
Importance Wind	= 1.00
Importance Seismic	= 1.00
Seismic Zone	= C
Seismic Coeff (Fa*Ss)	= 0.31

ANCHOR BOLT SUMMARY

Qty	Locate	Dia (in)	Type	Bend Len (in)	Proj (in)
⊠ 8	Frame	3/4"	A307	3.00	2.50

Todd Steel Buildings				
PROJECT	Customer	ANCHOR BOLT REACTIONS		
ID	09112004	DESIGN:	DRAFT:	CHECK:
PROJECT	Street	DATE: 9/11/20	SHEET	OF
ADDRESS	City, State			