Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 11/27/17

Force/Stress Summary

Section: 23 4 Bot Elev (ft): 265.0 Height (ft): 1.500

Max Compression Member	Pu (kip)	Load Case	Len (ft)	Bracing % X	Y	Z	KL/R	F'y (ksi)	Phic Pn (kip)	Num Bolts	Num Holes	Shear phiRnv (kip)	Bear phiRn (kip)	Use %	Controls
LEG SOL - 1 3/4" SOLID	-41.60	1.2D + 1.6W 60	0.83	100	100	100	22.9	50.0	104.18	0	0	0.00	0.00	39	Member X
HORIZ SOL - 3/4" SOLID	-3.48	1.2D + 1.0Di +	3.500	96	96	96	139.8	50.0	5.11	0	0	0.00	0.00	68	Member X
DIAG	0.00		0.000	0	0	0	0.0	0.0	0.00	0	0	0.00	0.00		

Max Tension Member	Pu (kip)	Load Case	Fy (ksi)	Fu (ksi)	Phit Pn (kip)	Num Bolts	Num Holes	Shear phiRnv (kip)	Bear phiRn (kip)	Blk Shear phit Pn (kip)	Use %	Controls
LEG	0.00		0	0	0.00	0	0	0.00	0.00		0	
HORIZ	0.00		0	0	0.00	0	0	0.00	0.00	0.00	0	
DIAG SOL - 3/4" SOLID	4.62	1.2D + 1.6W	50	65	19.88	0	0	0.00	0.00	0.00	23	Member

Max Splice Forces	Pu (kip)	Load Case	phiRnt (kip)	Use %	Num Bolts	Bolt Type
Top Tension	0.00		0.00	0	0	
Top Compression	41.61	1.2D + 1.6W 180	0.00	0		
Bot Tension	0.00		0.00	0		
Bot Compression	40.87	1.2D + 1.6W 180	0.00	0		

Section: 24 4 Bot Elev (ft): 266.5 Height (ft): 1.166

Max Compression Member	Pu (kip)	Load Case	Len (ft)	Bracing % X	Y	Z	KL/R	F'y (ksi)	Phic Pn (kip)	Num Bolts	Num Holes	Shear phiRnv (kip)	Bear phiRn (kip)	Use %	Controls
LEG SOL - 1 3/4" SOLID	-31.40	1.2D + 1.6W 60	1.17	100	100	100	32.0	50.0	100.44	0	0	0.00	0.00	31	Member X
HORIZ PL - PL 3 x 0.375	-6.58	1.2D + 1.6W 90	1.750	96	96	96	121.3	50.0	17.26	0	0	0.00	0.00	38	Member Y
DIAG SOL - 3/4" SOLID	-2.94	1.2D + 1.6W 90	2.103	97	97	97	117.5	50.0	7.23	0	0	0.00	0.00	40	Member X

Max Tension Member	Pu (kip)	Load Case	Fy (ksi)	Fu (ksi)	Phit Pn (kip)	Num Bolts	Num Holes	Shear phiRnv (kip)	Bear phiRn (kip)	Blk Shear phit Pn (kip)	Use %	Controls
LEG	0.00		0	0	0.00	0	0	0.00	0.00		0	
HORIZ	0.00		0	0	0.00	0	0	0.00	0.00	0.00	0	
DIAG SOL - 3/4" SOLID	7.17	1.2D + 1.6W 90	50	65	19.88	0	0	0.00	0.00	0.00	36	Member

Max Splice Forces	Pu (kip)	Load Case	phiRnt (kip)	Use %	Num Bolts	Bolt Type
Top Tension	0.00		0.00	0	0	
Top Compression	24.72	1.2D + 1.0Di +	0.00	0		
Bot Tension	0.00		0.00	0		
Bot Compression	41.61	1.2D + 1.6W 180	0.00	0		