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

Force/Stress Summary

Section: 17 2 Bot Elev (ft): 215.0 Height (ft): 1.167

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 - 2" SOLID	-59.43	1.2D + 1.6W	1.17	100	100	100	28.0	50.0	133.49	0	0	0.00	0.00	44	Member X
HORIZ PL - PL 3 x 0.375	-2.82	1.2D + 1.6W 60	1.750	96	96	96	121.3	50.0	17.27	0	0	0.00	0.00	16	Member Y
DIAG SOL - 3/4" SOLID	-2.05	1.2D + 1.6W 60	2.103	97	97	97	117.5	50.0	7.23	0	0	0.00	0.00	28	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 SOL - 2" SOLID	12.25	1.2D + 1.6W 60	50	65	141.37	0	0	0.00	0.00		8	Member
HORIZ PL - PL 3 x 0.375	12.48	1.2D + 1.6W	50	65	50.63	0	0	0.00	0.00	0.00	24	Member
DIAG SOL - 3/4" SOLID	2.00	1.2D + 1.6W	50	65	19.88	0	0	0.00	0.00	0.00	10	Member

Max Splice Forces	Pu (kip)	Load Case	phiRnt (kip)	Use %	Num Bolts	Bolt Type
Top Tension	9.97	1.2D + 1.6W 300	0.00	0	0	
Top Compression	57.39	1.2D + 1.6W 240	0.00	0		
Bot Tension	0.00		0.00	0		
Bot Compression	65.57	1.2D + 1.6W 240	0.00	0		

Section: 18 2 Bot Elev (ft): 216.1 Height (ft): 2.333

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 - 2" SOLID	-52.28	1.2D + 1.6W	2.33	100	100	100	56.0	50.0	112.41	0	0	0.00	0.00	46	Member X
HORIZ	0.00		0.000	0	0	0	0.0	0.0	0.00	0	0	0.00	0.00	0	
DIAG SOL - 3/4" SOLID	-4.64	1.2D + 1.6W 90	4.206	50	50	50	121.1	50.0	6.80	0	0	0.00	0.00	68	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 SOL - 2" SOLID	5.32	1.2D + 1.6W 60	50	65	141.37	0	0	0.00	0.00		3	Member
HORIZ	0.00		0	0	0.00	0	0	0.00	0.00	0.00	0	
DIAG SOL - 3/4" SOLID	4.24	1.2D + 1.6W 60	50	65	19.88	0	0	0.00	0.00	0.00	21	Member

Max Splice Forces	Pu (kip)	Load Case	phiRnt (kip)	Use %	Num Bolts	Bolt Type
Top Tension	1.30	1.2D + 1.6W 300	0.00	0	0	
Top Compression	48.81	1.2D + 1.6W 240	0.00	0		
Bot Tension	9.97	1.2D + 1.6W 300	0.00	0		
Bot Compression	57.39	1.2D + 1.6W 240	0.00	0		