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

Force/Stress Summary

Section: 11 2 Bot Elev (ft): 180.0 Height (ft): 20.000

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	-73.41	1.2D + 1.0Di +	2.33	100	100	100	56.0	50.0	112.40	0	0	0.00	0.00	65	Member X
HORIZ SOL - 3/4" SOLID	-0.22	1.2D + 1.6W	3.500	96	96	96	139.8	50.0	5.11	0	0	0.00	0.00	4	Member X
DIAG SOL - 3/4" SOLID	-1.38	1.2D + 1.6W 90	4.206	50	50	50	121.1	50.0	6.80	0	0	0.00	0.00	20	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 SOL - 3/4" SOLID	0.67	1.2D + 1.6W 60	50	65	19.88	0	0	0.00	0.00	0.00	3	Member
DIAG SOL - 3/4" SOLID	0.90	1.2D + 1.6W 90	50	65	19.88	0	0	0.00	0.00	0.00	4	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	68.81	1.2D + 1.0Di +	141.40	49		
Bot Tension	0.00		0.00	0		
Bot Compression	73.70	1.2D + 1.0Di +	0.00	0		

Section: 12 2 Bot Elev (ft): 200.0 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 - 2" SOLID	-67.45	1.2D + 1.0Di +	0.83	100	100	100	20.0	50.0	137.30	0	0	0.00	0.00	49	Member X
HORIZ SOL - 3/4" SOLID	-1.73	1.2D + 1.6W 90	1.750	96	96	96	69.9	50.0	13.91	0	0	0.00	0.00	12	Member X
DIAG SOL - 3/4" SOLID	-1.94	1.2D + 1.6W	1.938	97	97	97	108.3	50.0	8.44	0	0	0.00	0.00	23	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 SOL - 3/4" SOLID	1.76	1.2D + 1.6W	50	65	19.88	0	0	0.00	0.00	0.00	8	Member
DIAG SOL - 3/4" SOLID	1.81	1.2D + 1.6W	50	65	19.88	0	0	0.00	0.00	0.00	9	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	67.99	1.2D + 1.0Di +	0.00	0		
Bot Tension	0.00		0.00	0		
Bot Compression	68.81	1.2D + 1.0Di +	0.00	0		