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

Force/Stress Summary

Section: 19 2 Bot Elev (ft): 218.5 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	-48.51	1.2D + 1.6W	0.83	100	100	100	20.0	50.0	137.30	0	0	0.00	0.00	35	Member X
HORIZ SOL - 3/4" SOLID	-1.22	1.2D + 1.6W 60	3.500	96	96	96	139.8	50.0	5.11	0	0	0.00	0.00	23	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 SOL - 2" SOLID	1.45	1.2D + 1.6W 60	50	65	141.37	0	0	0.00	0.00		1	Member
HORIZ SOL - 3/4" SOLID	1.19	1.2D + 1.6W	50	65	19.88	0	0	0.00	0.00	0.00	5	Member
DIAG SOL - 3/4" SOLID	0.01	1.2D + 1.6W	50	65	19.88	0	0	0.00	0.00	0.00	0	Member

Max Splice Forces	Pu (kip)	Load Case	phiRnt (kip)	Use %	Num Bolts	Bolt Type
Top Tension	1.45	1.2D + 1.6W 300	87.50	2	0	
Top Compression	48.68	1.2D + 1.6W 240	141.40	34		
Bot Tension	1.30	1.2D + 1.6W 300	0.00	0		
Bot Compression	48.81	1.2D + 1.6W 240	0.00	0		

Section: 20 2 - 5' Bot Elev (ft): 220.0 Height (ft): 5.000

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	-44.83	1.2D + 1.6W	2.17	100	100	100	52.0	50.0	116.00	0	0	0.00	0.00	38	Member X
HORIZ SOL - 3/4" SOLID	-2.08	1.2D + 1.6W	3.500	96	96	96	139.8	50.0	5.11	0	0	0.00	0.00	40	Member X
DIAG SOL - 3/4" SOLID	-4.04	1.2D + 1.6W 90	4.117	50	50	50	118.5	50.0	7.10	0	0	0.00	0.00	56	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	1.46	1.2D + 1.6W 60	50	65	141.37	0	0	0.00	0.00		1	Member
HORIZ SOL - 3/4" SOLID	2.11	1.2D + 1.6W 60	50	65	19.88	0	0	0.00	0.00	0.00	10	Member
DIAG SOL - 3/4" SOLID	4.09	1.2D + 1.6W 90	50	65	19.88	0	0	0.00	0.00	0.00	20	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	38.92	1.2D + 1.0Di +	0.00	0		
Bot Tension	1.45	1.2D + 1.6W 300	0.00	0		
Bot Compression	48.68	1.2D + 1.6W 240	0.00	0		