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

Force/Stress Summary

Section: 21 3 Bot Elev (ft): 225.0 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 - 1 3/4" SOLID	-39.72	1.2D + 1.0Di +	2.38	100	100	100	65.1	50.0	79.36	0	0	0.00	0.00	50	Member X
HORIZ SOL - 3/4" SOLID	-0.97	1.2D + 1.6W	3.500	96	96	96	139.8	50.0	5.11	0	0	0.00	0.00	19	Member X
DIAG SOL - 3/4" SOLID	-2.92	1.2D + 1.6W 90	4.230	50	50	50	121.8	50.0	6.73	0	0	0.00	0.00	43	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	1.22	1.2D + 1.6W 60	50	65	19.88	0	0	0.00	0.00	0.00	6	Member
DIAG SOL - 3/4" SOLID	2.67	1.2D + 1.6W 90	50	65	19.88	0	0	0.00	0.00	0.00	13	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	40.31	1.2D + 1.0Di +	108.20	37		
Bot Tension	0.00		0.00	0		
Bot Compression	38.92	1.2D + 1.0Di +	0.00	0		

Section: 22 3 Bot Elev (ft): 245.0 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 - 1 3/4" SOLID	-44.49	1.2D + 1.6W 60	2.33	100	100	100	64.0	50.0	80.23	0	0	0.00	0.00	55	Member X
HORIZ SOL - 3/4" SOLID	-0.38	1.2D + 1.6W	3.500	96	96	96	139.8	50.0	5.11	0	0	0.00	0.00	7	Member X
DIAG SOL - 3/4" SOLID	-1.32	1.2D + 1.6W 90	4.206	50	50	50	121.1	50.0	6.80	0	0	0.00	0.00	19	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	0.71	1.2D + 1.6W 60	50	65	19.88	0	0	0.00	0.00	0.00	3	Member
DIAG SOL - 3/4" SOLID	1.01	1.2D + 1.6W 60	50	65	19.88	0	0	0.00	0.00	0.00	5	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	40.87	1.2D + 1.6W 180	108.20	38		
Bot Tension	0.00		0.00	0		
Bot Compression	40.31	1.2D + 1.0Di +	0.00	0		