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

Force/Stress Summary

Section: 7 1 Bot Elev (ft): 100.0 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 1/4" SOLID	-98.78	1.2D + 1.0Di +	2.33	100	100	100	49.8	50.0	149.28	0	0	0.00	0.00	66	Member X
HORIZ SOL - 3/4" SOLID	-0.69	1.2D + 1.6W 60	3.500	95	95	95	138.3	50.0	5.22	0	0	0.00	0.00	13	Member X
DIAG SOL - 3/4" SOLID	-3.11	1.2D + 1.6W 90	4.206	50	50	50	121.1	50.0	6.80	0	0	0.00	0.00	45	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	1.42	1.2D + 1.6W	50	65	19.88	0	0	0.00	0.00	0.00	7	Member
DIAG SOL - 3/4" SOLID	2.41	1.2D + 1.6W 90	50	65	19.88	0	0	0.00	0.00	0.00	12	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	90.74	1.2D + 1.0Di +	178.90	51		
Bot Tension	0.00		0.00	0		
Bot Compression	99.55	1.2D + 1.0Di +	0.00	0		

Section: 8 1 Bot Elev (ft): 120.0 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 1/4" SOLID	-89.83	1.2D + 1.0Di +	2.33	100	100	100	49.8	50.0	149.28	0	0	0.00	0.00	60	Member X
HORIZ SOL - 3/4" SOLID	-0.69	1.2D + 1.6W	3.500	95	95	95	138.3	50.0	5.22	0	0	0.00	0.00	13	Member X
DIAG SOL - 3/4" SOLID	-2.77	1.2D + 1.6W 90	4.206	50	50	50	121.1	50.0	6.80	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 SOL - 3/4" SOLID	1.18	1.2D + 1.6W 60	50	65	19.88	0	0	0.00	0.00	0.00	5	Member
DIAG SOL - 3/4" SOLID	2.13	1.2D + 1.6W 90	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	0.00		0.00	0	0	
Top Compression	88.64	1.2D + 1.0Di +	178.90	50		
Bot Tension	0.00		0.00	0		
Bot Compression	90.74	1.2D + 1.0Di +	0.00	0		