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

Force/Stress Summary

Section: 5 1 Bot Elev (ft): 60.00 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	-107.38	1.2D + 1.0Di +	2.33	100	100	100	49.8	50.0	149.28	0	0	0.00	0.00	71	Member X
HORIZ SOL - 3/4" SOLID	-0.32	1.2D + 1.6W	3.500	95	95	95	138.3	50.0	5.22	0	0	0.00	0.00	6	Member X
DIAG SOL - 3/4" SOLID	-2.00	1.2D + 1.6W 90	4.206	50	50	50	121.1	50.0	6.80	0	0	0.00	0.00	29	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	0.90	1.2D + 1.6W 60	50	65	19.88	0	0	0.00	0.00	0.00	4	Member
DIAG SOL - 3/4" SOLID	1.25	1.2D + 1.6W 90	50	65	19.88	0	0	0.00	0.00	0.00	6	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	102.97	1.2D + 1.0Di +	178.90	58		
Bot Tension	0.00		0.00	0		
Bot Compression	109.19	1.2D + 1.0Di +	0.00	0		

Section: 6 1 Bot Elev (ft): 80.00 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	-101.62	1.2D + 1.0Di +	2.33	100	100	100	49.8	50.0	149.28	0	0	0.00	0.00	68	Member X
HORIZ SOL - 3/4" SOLID	-0.02	1.2D + 1.6W	3.500	95	95	95	138.3	50.0	5.22	0	0	0.00	0.00	0	Member X
DIAG SOL - 3/4" SOLID	-1.25	1.2D + 1.6W 90	4.206	50	50	50	121.1	50.0	6.80	0	0	0.00	0.00	18	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	0.74	1.2D + 1.6W 60	50	65	19.88	0	0	0.00	0.00	0.00	3	Member
DIAG SOL - 3/4" SOLID	0.70	1.2D + 1.6W 60	50	65	19.88	0	0	0.00	0.00	0.00	3	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	99.55	1.2D + 1.0Di +	178.90	56		
Bot Tension	0.00		0.00	0		
Bot Compression	102.97	1.2D + 1.0Di +	0.00	0		