

Site Number: 10047  
 Site Name: PORTLAND ME, ME  
 Customer: T-MOBILE

Code: ANSI/TIA-222-G  
 Engineering Number: OAA706994\_C3\_01

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### Force/Stress Summary

Section: 13 2		Bot Elev (ft): 201.5		Height (ft): 10.000											
		Pu (kip)	Load Case	Len (ft)	Bracing %			F'y (ksi)	Phic Pn (kip)	Num Bolts	Num Holes	Shear phiRnv (kip)	Bear phiRn (kip)	Use %	Controls
<b>Max Compression Member</b>															
LEG SOL - 2" SOLID		-67.44	1.2D + 1.0Di +	2.50	100	100	100	60.0	50.0	108.65	0	0	0.00	0.00	62 Member X
HORIZ		0.00		0.000	0	0	0	0.0	0.0	0.00	0	0	0.00	0.00	0
DIAG SOL - 3/4" SOLID		-1.72	1.2D + 1.6W 90	4.301	50	50	50	123.9	50.0	6.51	0	0	0.00	0.00	26 Member X
<b>Max Tension Member</b>															
		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		0.00		0	0	0.00	0	0	0.00	0.00	0.00	0			
DIAG SOL - 3/4" SOLID		1.62	1.2D + 1.6W 90	50	65	19.88	0	0	0.00	0.00	0.00	8	Member		
<b>Max Splice Forces</b>															
		Pu (kip)	Load Case	phiRnt (kip)	Use %	Num Bolts	Bolt Type								
Top Tension		0.00		0.00	0	0									
Top Compression		63.99	1.2D + 1.0Di +	0.00	0										
Bot Tension		0.00		0.00	0										
Bot Compression		67.99	1.2D + 1.0Di +	0.00	0										

Section: 14 2		Bot Elev (ft): 211.5		Height (ft): 1.167											
		Pu (kip)	Load Case	Len (ft)	Bracing %			F'y (ksi)	Phic Pn (kip)	Num Bolts	Num Holes	Shear phiRnv (kip)	Bear phiRn (kip)	Use %	Controls
<b>Max Compression Member</b>															
LEG SOL - 2" SOLID		-61.46	1.2D + 1.0Di +	1.17	100	100	100	28.0	50.0	133.49	0	0	0.00	0.00	46 Member X
HORIZ SOL - 3/4" SOLID		-0.01	1.2D + 1.6W	1.750	96	96	96	69.9	50.0	13.91	0	0	0.00	0.00	0 Member X
DIAG SOL - 3/4" SOLID		-3.17	1.2D + 1.6W	2.103	97	97	97	117.5	50.0	7.23	0	0	0.00	0.00	43 Member X
<b>Max Tension Member</b>															
		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		1.29	1.2D + 1.0Di +	50	65	19.88	0	0	0.00	0.00	0.00	6	Member		
DIAG SOL - 3/4" SOLID		0.80	1.2D + 1.6W 330	50	65	19.88	0	0	0.00	0.00	0.00	4	Member		
<b>Max Splice Forces</b>															
		Pu (kip)	Load Case	phiRnt (kip)	Use %	Num Bolts	Bolt Type								
Top Tension		0.00		0.00	0	0									
Top Compression		61.46	1.2D + 1.0Di +	0.00	0										
Bot Tension		0.00		0.00	0										
Bot Compression		63.99	1.2D + 1.0Di +	0.00	0										