

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: 5		1		Bot Elev (ft): 60.00				Height (ft): 20.000						
		Pu	Len	Bracing %			F'y	Phic Pn	Num	Num	Shear	Bear	Use	
		(kip)	(ft)	X	Y	Z	KL/R	(ksi)	(kip)	Bolts	Holes	phiRnv	phiRn	% Controls
		Load Case										(kip)	(kip)	
Max Compression Member														
LEG	SOL - 2 1/4" SOLID	-107.38	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	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	4.206	50	50	50	121.1	50.0	6.80	0	0	0.00	0.00	29 Member X
Max Tension Member														
		Pu	Fy	Fu	Phit Pn	Num	Num	Shear	Bear	Blk Shear	Use			
		(kip)	(ksi)	(ksi)	(kip)	Bolts	Holes	phiRnv	phiRn	phit Pn	%	Controls		
		Load Case						(kip)	(kip)	(kip)				
LEG		0.00	0	0	0.00	0	0	0.00	0.00					0
HORIZ	SOL - 3/4" SOLID	0.90	50	65	19.88	0	0	0.00	0.00	0.00				4 Member
DIAG	SOL - 3/4" SOLID	1.25	50	65	19.88	0	0	0.00	0.00	0.00				6 Member
Max Splice Forces														
		Pu	phiRnt	Use	Num	Bolt Type								
		(kip)	(kip)	%	Bolts									
		Load Case												
Top Tension		0.00	0.00	0	0									
Top Compression		102.97	178.90	58										
Bot Tension		0.00	0.00	0										
Bot Compression		109.19	0.00	0										

Section: 6		1		Bot Elev (ft): 80.00				Height (ft): 20.000						
		Pu	Len	Bracing %			F'y	Phic Pn	Num	Num	Shear	Bear	Use	
		(kip)	(ft)	X	Y	Z	KL/R	(ksi)	(kip)	Bolts	Holes	phiRnv	phiRn	% Controls
		Load Case										(kip)	(kip)	
Max Compression Member														
LEG	SOL - 2 1/4" SOLID	-101.62	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	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	4.206	50	50	50	121.1	50.0	6.80	0	0	0.00	0.00	18 Member X
Max Tension Member														
		Pu	Fy	Fu	Phit Pn	Num	Num	Shear	Bear	Blk Shear	Use			
		(kip)	(ksi)	(ksi)	(kip)	Bolts	Holes	phiRnv	phiRn	phit Pn	%	Controls		
		Load Case						(kip)	(kip)	(kip)				
LEG		0.00	0	0	0.00	0	0	0.00	0.00					0
HORIZ	SOL - 3/4" SOLID	0.74	50	65	19.88	0	0	0.00	0.00	0.00				3 Member
DIAG	SOL - 3/4" SOLID	0.70	50	65	19.88	0	0	0.00	0.00	0.00				3 Member
Max Splice Forces														
		Pu	phiRnt	Use	Num	Bolt Type								
		(kip)	(kip)	%	Bolts									
		Load Case												
Top Tension		0.00	0.00	0	0									
Top Compression		99.55	178.90	56										
Bot Tension		0.00	0.00	0										
Bot Compression		102.97	0.00	0										