

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: 27 Top		Bot Elev (ft): 270.0		Height (ft): 5.000											
		Pu	Len	Bracing %			F'y	Phic Pn	Num	Num	Shear	Bear	Use		
		(kip)	(ft)	X	Y	Z	(ksi)	(kip)	Bolts	Holes	phiRnv	phiRn	%	Controls	
		Load Case		KL/R							(kip)	(kip)			
Max Compression Member															
LEG SOL - 1 3/4" SOLID		-5.77	1.2D + 1.0Di +	2.17	100	100	100	59.4	50.0	83.61	0	0	0.00	0.00	6 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		-2.05	1.2D + 1.6W 90	4.116	50	50	50	118.5	50.0	7.10	0	0	0.00	0.00	28 Member X
Max Tension Member															
LEG SOL - 1 3/4" SOLID		1.79	1.2D + 1.6W	50	65	108.24	0	0	0.00	0.00					1 Member
HORIZ SOL - 3/4" SOLID		1.61	1.2D + 1.6W 90	50	65	19.88	0	0	0.00	0.00		0.00			8 Member
DIAG SOL - 3/4" SOLID		3.50	1.2D + 1.6W 90	50	65	19.88	0	0	0.00	0.00		0.00			17 Member
Max Splice Forces															
		Pu	Load Case	Fy	Fu	Phit Pn	Num	Num	Shear	Bear	Blk Shear	Use		Controls	
		(kip)		(ksi)	(ksi)	(kip)	Bolts	Holes	phiRnv	phiRn	phit Pn	%			
									(kip)	(kip)	(kip)				
Top Tension		0.00													
Top Compression		0.36	(1.2 + 0.2Sds) *												
Bot Tension		2.24	1.2D + 1.6W 60												
Bot Compression		4.83	1.2D + 1.6W												

Maximum Reactions Summary

	<u>Base</u>	<u>Anch1</u>
Vertical (kip)	355.75	-100.30
Horizontal (kip)	0.63	65.76