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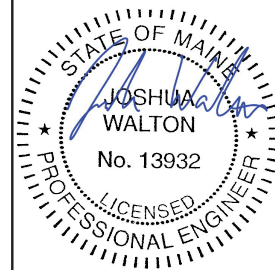
REV.	DESCRIPTION	BY	DATE
△	FIRST ISSUE	BJK	09/06/17
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GUY WIRE TENSION CHART

GUY WIRE DATA						MEASURED GUY WIRE TENSION IN POUNDS																									
GUY WIRE SIZE	GUY ELEV. (FT)	GUY ANCHOR RADIUS (FT)	GUY ANCHOR DROP		INITIAL TENSION %	TENSION DELTA DUE TO TEMP. (LBS/DEG)	0° F	5° F	10° F	15° F	20° F	25° F	30° F	35° F	40° F	45° F	50° F	55° F	60° F	65° F	70° F	75° F	80° F	85° F	90° F	95° F	100° F	105° F			
			(+/- FT)	LEG			LBS	LBS	LBS	LBS	LBS	LBS	LBS	LBS	LBS	LBS	LBS	LBS	LBS	LBS	LBS	LBS	LBS	LBS	LBS	LBS	LBS	LBS	LBS	LBS	LBS
5/8" EHS	270.0	115.0	0.0	A,B,C	10 %	6.05	4603	4573	4542	4512	4482	4452	4421	4391	4361	4331	4300	4270	4240	4210	4180	4149	4119	4089	4059	4028	3998	3968			
11/16" EHS	269.0	115.0	0.0	A,B,C	10 %	7.42	5445	5408	5371	5334	5297	5260	5222	5185	5148	5111	5074	5037	5000	4963	4926	4889	4852	4815	4778	4740	4703	4666			
5/8" EHS	213.8	115.0	0.0	A,B,C	10 %	8.84	4770	4726	4682	4638	4594	4549	4505	4461	4417	4373	4328	4284	4240	4196	4152	4107	4063	4019	3975	3931	3886	3842			
5/8" EHS	213.0	115.0	0.0	A,B,C	10 %	8.89	4773	4729	4685	4640	4596	4551	4507	4462	4418	4373	4329	4284	4240	4196	4151	4107	4062	4018	3973	3929	3884	3840			
11/16" EHS	165.0	115.0	0.0	A,B,C	10 %	15.69	5942	5863	5785	5706	5628	5549	5471	5392	5314	5235	5157	5078	5000	4922	4843	4765	4686	4608	4529	4451	4372	4294			
5/8" EHS	110.0	115.0	0.0	A,B,C	10 %	20.57	5474	5371	5268	5166	5063	4960	4857	4754	4651	4549	4446	4343	4240	4137	4034	3931	3829	3726	3623	3520	3417	3314			
9/16" EHS	55.0	115.0	0.0	A,B,C	10 %	26.13	5068	4937	4807	4676	4545	4415	4284	4153	4023	3892	3761	3631	3500	3369	3239	3108	2977	2847	2716	2585	2455	2324			

NOTES:
 THE MAXIMUM DEVIATION FROM THE DESIGN INITIAL TENSIONS ARE:
 1. ±10% FOR GUYS < 1" DIAMETER, OF THE INITIAL TENSIONS SPECIFIED ON THIS TEMPERATURE/TENSION CHART.
 2. ±5% FOR GUYS > 1" DIAMETER, OF THE INITIAL TENSIONS SPECIFIED ON THIS TEMPERATURE/TENSION CHART.

ATC SITE NUMBER:
10047
 ATC SITE NAME:
PORTLAND ME
 MAINE
 SITE ADDRESS:
225 RIVERSIDE INDUSTRIAL PARKWAY
PORTLAND, ME 04103



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DRAWN BY:	BJK
APPROVED BY:	BMS/AT
DATE DRAWN:	09/06/17
ATC JOB NO:	OAA706994_C6_03

GUY WIRE TENSION CHART

SHEET NUMBER:	REVISION:
A-4	0

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