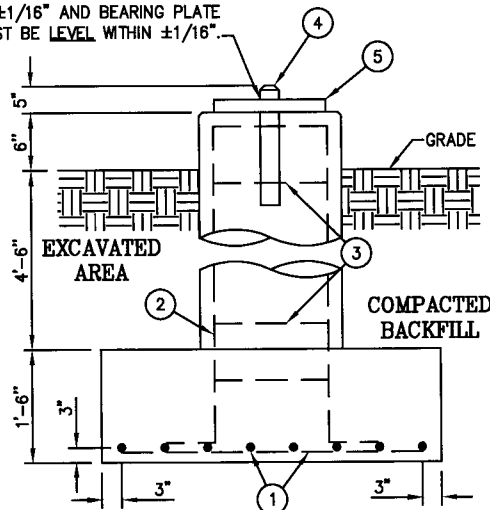


PIER TIE DETAIL

PLAN VIEW

BEARING PIN MUST BE VERTICAL
WITHIN $\pm 1/16"$ AND BEARING PLATE
MUST BE LEVEL WITHIN $\pm 1/16"$.



ELEVATION VIEW

REINFORCING STEEL SCHEDULE							
ITEM	LOCATION	NO. REQ'D.	BAR SPC'G.	SIZE	CUT LENGTH	TOTAL LENGTH	TOTAL WT.
1.	PAD BOTTOM REINFORCING	16	EQUALLY SPACED AS SHOWN	#7	6'-6"	104'-0"	213 LBS.
2.	PIER VERTICAL REINFORCING	6	60" APART	#7	6'-11"	41'-6"	85 LBS.
3.	PIER TIES	6	12" C-C	#3	7'-6"	45'-0"	17 LBS.
						TOTAL REBAR WT.	315 LBS.

CONCRETE REQUIRED		
LOCATION	W/ROUND PIERS	W/SQUARE PIERS
PAD	2.7 CU. YDS.	2.7 CU. YDS.
PIER	0.9 CU. YDS.	1.2 CU. YDS.
TOTAL CONCRETE	3.6 CU. YDS.	3.9 CU. YDS.

EMBEDMENT STEEL REQUIRED				
ITEM	PART NO.	NO. REQ'D.	DESCRIPTION	TOTAL WT.
4.	C30901001	1	BASE BEARING PIN	12 LBS.
5.	C30902001	1	BASE BEARING PLATE	167 LBS.
			TOTAL STEEL WT.	179 LBS.

GENERAL NOTES

1. CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 4500 PSI, IN ACCORDANCE WITH ACI 318-11.
2. REBAR TO CONFORM TO ASTM SPECIFICATION A615 GRADE 60.
3. ALL REBAR TO HAVE A MINIMUM OF 3" CONCRETE COVER.
4. ALL EXPOSED CONCRETE CORNERS TO BE CHAMFERED 3/4".
5. THE FOUNDATION DESIGN IS BASED ON THE GEOTECHNICAL REPORT BY ENVIRONMENTAL CORPORATION OF AMERICA; PROJECT# T1252; DATED OCTOBER 24, 2017.
6. THE FOUNDATION DESIGN IS BASED ON THE FOLLOWING FACTORED REACTIONS:
FACTORED AXIAL LOAD (KIPS) = 156.64
FACTORED SHEAR (KIPS) = 1.28
7. SEE THE GEOTECHNICAL REPORT FOR COMPACTION REQUIREMENTS, IF SPECIFIED.

[illegible]

Sabre Industries™
Towers and Poles

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GUYED TOWER FOUNDATION


SITE: ROUND LAKE, FL

CUSTOMER: MUNICIPAL COMMUNICATIONS LLC

JOB NO. 400253		SIZE B	DRAWING NO. 400253-F1		REV 0
DATE	1/15/18				
DRAWN BY	DLK				
CHECKED BY	KTW ✓		SCALE None	PAGE 1 OF 1	



1. THE TOWER CENTER AND ANCHORS ARE TO BE LOCATED AND STAKED BY THE TOWER OWNER. (CONCRETE INSTALLER TO VERIFY).
2. THE ANCHOR DISTANCE SHOWN IS HORIZONTAL FROM THE TOWER BASE WITH A MAXIMUM GRADE DEVIATION, (SHOWN IN ()), OF PLUS 0 FT. OR MINUS 17.3 FT. FROM TOWER BASE TO ANCHOR POINT OF DAYLIGHT. CONTACT SABRE ENGINEERS IF ACTUAL GRADE EXCEEDS THE PLUS OR MINUS DESIGN.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES			MATERIAL:		
TOLERANCES: FRACTIONS $\pm 1/16"$ ANGLES $\pm 1/2$ DEG. DECIMALS $\pm .010"$			TOLERANCES DO NOT APPLY TO RAW MATERIAL		
					
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LAYOUT: 300', 3600 SRWD GUYED TOWER SITE: ROUND LAKE, FL CUSTOMER: MUNICIPAL COMMUNICATIONS LLC					
JOB NO. 400253		SIZE	DRAWING NO.		REV
DATE	1/15/18	B	400253-PL		0
DRAWN BY DLK		SCALE		PAGE	
CHECKED BY KTW		None		1 OF 1	