

COMPACTED

BACKFILL

**ELEVATION VIEW** 

MUST BE LEVEL WITHIN ±1/16" .-

**EXCAVATED** 

AREA

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

- 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.

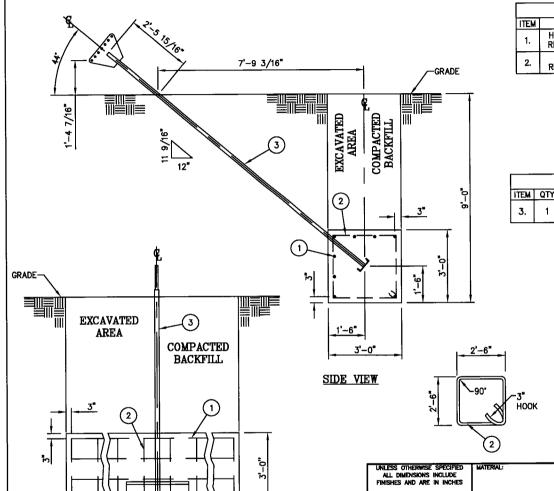
F		nsion id af Fract angli	IS IN RE IN TONS ES ±	CLUDE	MATERIAL:  TOLERANCES DO NOT APPLY TO RAW MATERIAL	Sabre Industries Towers and Poles
ğ	DATE	DRW	CHK		DESCRIPTION	CONFIDENTIAL  This document and the information contained herein is the confidential trade secret property of Sabre Communications Corporation ("Sabre") and must not be reproduced, copied or used, in whole or in part, for any purpose without the prior written consent of Sabre.  © 2018 Sabre Communications Corporation.  All rights reserved.

GUYED TOWER FOUNDATION
SITE: ROUND LAKE, FL

CUSTOMER: MUNICIPAL COMMUNICATIONS LLC

	JOB NO. 4	100253	SIZE	DRAWING NO.	REV	
١	DATE	1/15/18	В	400253-F1	0	
	DRAWN BY	DLK	<del>                                     </del>	SCALE	P	AGE
	CHECKED BY	KTW ✔	r	None	1 (	OF 1

## 



9'-0"

18'-0"

REAR VIEW

	REINFORCING STEEL SCHEDULE PER ANCHOR											
ITEM	LOCATION	NO. REO'D.	BAR SPACING	SIZE	CUT LENGTH	TOTAL LENGTH	TOTAL WT.					
1.	HORIZONTAL REINFORCING	8	EQUALLY SPACED AS SHOWN	#7	17'-6"	140'-0"	286 LBS.					
2.	BENT REINFORCING	19	EQUALLY SPACED AS SHOWN	#4	10'-6"	199'-6"	133 LBS.					
					T I	TOTAL REBAR WT.	419 LBS.					

CONCRETE	REQUIRE	D PER	ANCHOR
TOTAL CONCRE	TE	6.0 CU.	YDS.

	EMBEDMENT STEEL REQUIRED PER ANCHOR									
ITEM	QTY.	PART NO.	DESCRIPTION	TOTAL WT.						
3.	1	C30129007	WELDMENT, ANCHOR SHAFT, 2 1/4" DIA X 13'-10", 1" PL.	294 LBS.						

## GENERAL NOTES

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- 2. REBAR TO CONFORM TO ASTM SPECIFICATION A615 GRADE 60.
- 3. ALL REBAR TO HAVE A MINIMUM OF 3" CONCRETE COVER.
- 4. THE FOUNDATION DESIGN IS BASED ON THE GEOTECHNICAL REPORT BY ENVIRONMENTAL CORPORATION OF AMERICA; PROJECT # T1252; DATED OCTOBER 24, 2017.
- 5, THE FOUNDATION DESIGN IS BASED ON THE FOLLOWING FACTORED REACTIONS: UPLIFT (KIPS) = 63.31 HORIZONTAL FORCE (KIPS) = 65.13
- 6. WHEN THE SOIL ELECTRICAL RESISTIVITY IS LESS THAN 50 OHM—M AND/OR THE MEASURED SOIL ph values are below 3 or greater than 9, additional corrosion control is required. See the geotechnical report for these parameters and compaction requirements. If specified.

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLIDE
FINISHES AND ARE IN INCHES
TOLERANCES: FRACTIONS ± 1/16"
ANGLES ± 1/2 DEG.
DECIMALS ± 010"

TOLERANCES DO NOT APPLY
TO RAW MATERIAL

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EV DATE DRWCHK DESCRIPTION

MATERIAL:

TOLERANCES DO NOT APPLY
TO RAW MATERIAL

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EV DATE DRWCHK DESCRIPTION

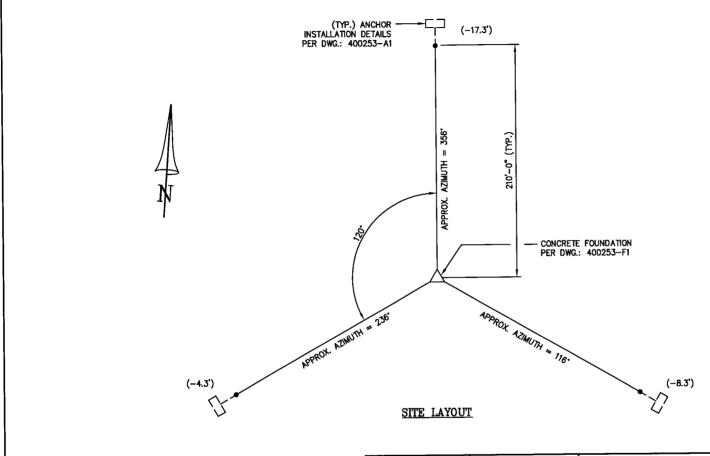
MATERIAL:

CONCRETE ANCHOR

SITE: ROUND LAKE, FL

CUSTOMER: MUNICIPAL COMMUNICATIONS LLC

	JOB NO. 4	100253	SIZE	DRA	DRAWING NO.			
1	DATE	1/15/18	В	400253-A1			0	
	DRAWN BY DLK				SCALE	P	AGE	
ı.	CHECKED BY	KTW 🗸	Ī		None	1 1	OF 1	



## NOTES:

- 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 O 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 OF ALL DIMI FINISHES A LERANCES:	ENSION VID AT FRAC ANGL	IS IN RE IN TIONS ES ±	CLUDE	MATERIAL:  TOLERANCES DO NO TO RAW MATERIAL	T APPLY	Sabre Industries' Towers and Poles
RE	V DATE	DRW	СНК		DESCRIPTION		CONFIDENTIAL This document and the information contained herein is the confidential trade secret property of Sobre Communications Corporation ("Sobre") and must not be reproduced, copied or used, in whole or in port, for any purpose without the prior written consent of Sobre. © 2018 Sobre Communications Corporation. All rights reserved.

LAYOUT: 300', 3600 SRWD GUYED TOWER SITE: ROUND LAKE, FL

CUSTOMER: MUNICIPAL COMMUNICATIONS LLC

JOB NO. 4	100253	SIZE		DRAWING NO.		
DATE 1/15/18		В	400253-PL			U
DRAWN BY	DLK DLK			SCALE	P	AGE
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