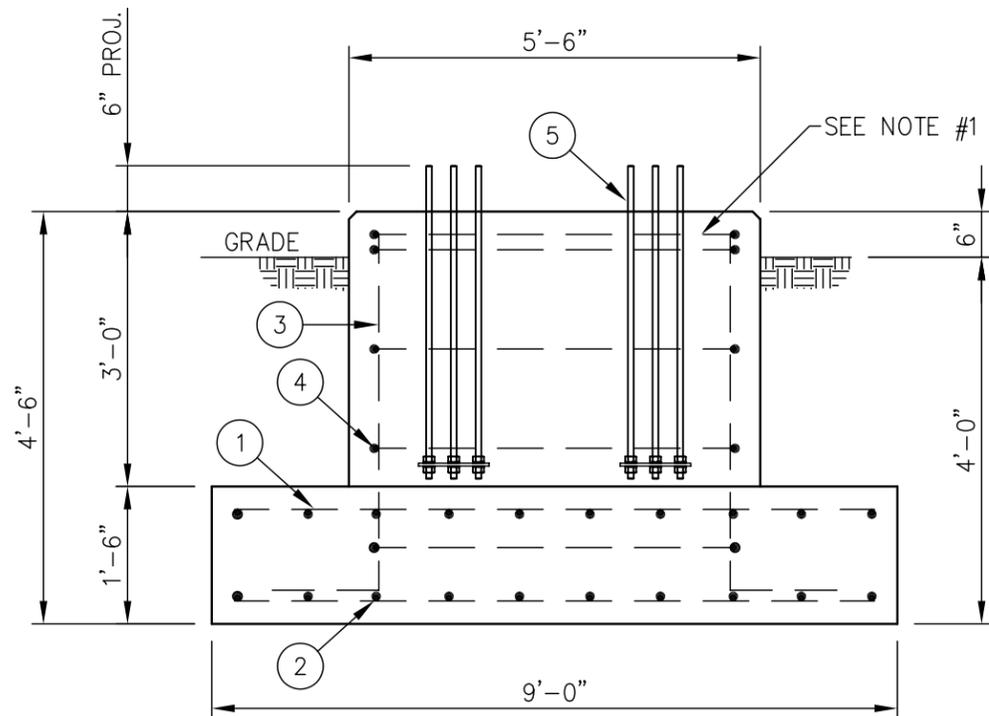


PLAN VIEW

ROUND PIER AS SHOWN
MAY BE FORMED SQUARE
USING SAME OVERALL
DIMENSIONS

(3) 3/4"φ X 3'-3" ANCHOR BOLTS
EQUALLY SPACED 120° APART ON A
7 1/2"φ BOLT CIRCLE (SEE NOTE #7)



ELEVATION VIEW

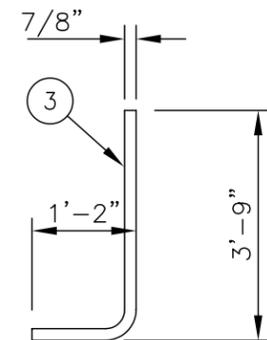
REINFORCING STEEL SCHEDULE								
ITEM	LOCATION	NO. REQ'D.	BAR SPC'G.	SIZE	CUT LGTH.	TOTAL LGTH.	TOTAL WT.	SHAPE
①	PAD TOP REINFORCING	20	EQUALLY SPACED	#5	8'-6"	170'-0"	177 LBS.	STRAIGHT
②	PAD BOTTOM REINFORCING	20	EQUALLY SPACED	#5	8'-6"	170'-0"	177 LBS.	STRAIGHT
③	PIER VERTICAL REINFORCING	30	EQUALLY SPACED	#7	4'-11"	147'-6"	301 LBS.	
④	PIER TIES	5	SPACED 12" C/C	#4	16'-11"	84'-7"	57 LBS.	
TOTAL REBAR WT.							712 LBS.	

ANCHOR BOLT SCHEDULE				
ITEM	PART NO.	NO. REQ'D.	ANCHOR BOLT SIZE	SPACING
⑤	C40041057	9	3/4 φ X 3'-3"	SEE PLAN

FIELD NOTE

SEE DRAWING LDA00306 FOR LEG TO LEG TEMPLATES.

CONCRETE REQ'D	ROUND PIER	SQUARE PIER
PAD	4.50 CU. YDS.	4.50 CU. YDS.
PIER	2.64 CU. YDS.	3.36 CU. YDS.
TOTAL	7.14 CU. YDS.	7.86 CU. YDS.



REBAR DETAIL
(PIER VERTICAL REBAR)

GENERAL NOTES

1. CONCRETE SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 3000 PSI, IN ACCORDANCE WITH ACI 318-05. (2 REBAR TIES REQ'D IN THE TOP 5")
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. SEE THE GEOTECHNICAL REPORT FOR COMPACTION REQUIREMENTS, IF SPECIFIED.
6. THE FOUNDATION DESIGN IS BASED ON AN ALLOWABLE BEARING PRESSURE OF AT LEAST 2 KSF. THE ADEQUACY OF THE SOIL MUST BE VERIFIED BEFORE INSTALLING THE FOUNDATION.
7. ONE ANCHOR BOLT MUST BE ALIGNED DIRECTLY WITH THE CENTER OF THE TOWER (TYPICAL).

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS INCLUDE FINISHES AND ARE IN INCHES		MATERIAL:	
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"		TOLERANCES DO NOT APPLY TO RAW MATERIAL	
REV	DATE	DRW/CHK	DESCRIPTION

Sabre
Towers & Poles

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MODEL S3A SERIES LDA FOUNDATION INSTALLATION SECTION 06				
DATE	02/01/10	SIZE B	DRAWING NO. LDA00406	REV 0
DRAWN BY	WRF			
CHECKED BY	KLE	SCALE NONE	PAGE 1 OF 1	