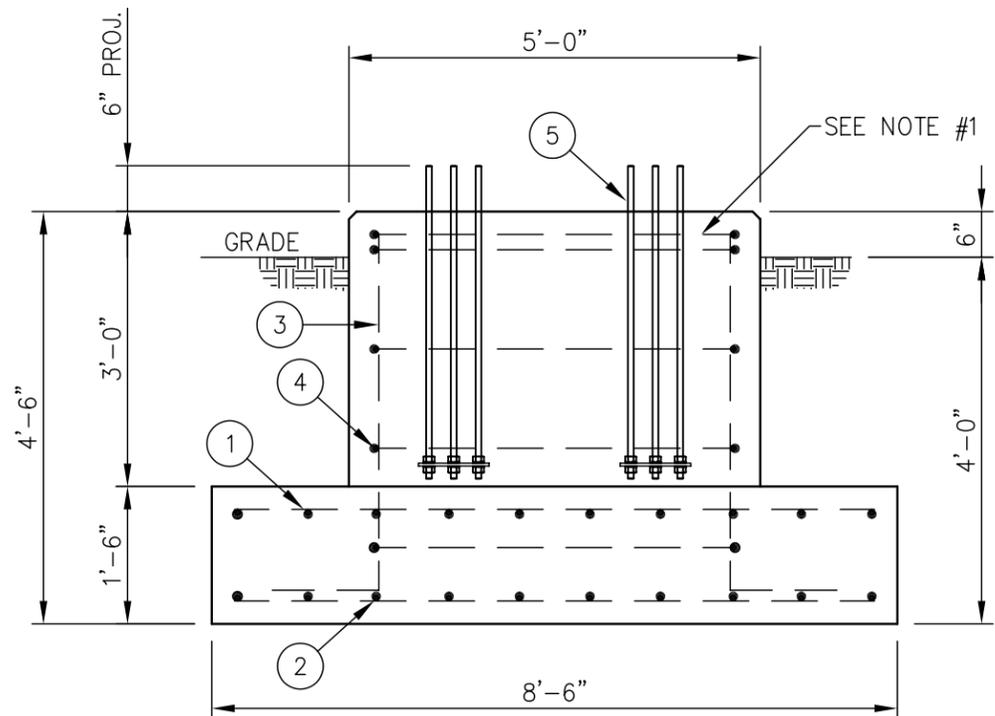


PLAN VIEW

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

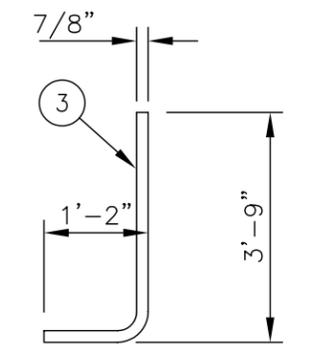
REINFORCING STEEL SCHEDULE								
ITEM	LOCATION	NO. REQ'D.	BAR SPC'G.	SIZE	CUT LGTH.	TOTAL LGTH.	TOTAL WT.	SHAPE
①	PAD TOP REINFORCING	20	EQUALLY SPACED	#5	8'-0"	160'-0"	167 LBS.	STRAIGHT
②	PAD BOTTOM REINFORCING	20	EQUALLY SPACED	#5	8'-0"	160'-0"	167 LBS.	STRAIGHT
③	PIER VERTICAL REINFORCING	24	EQUALLY SPACED	#7	4'-11"	118'-0"	241 LBS.	
④	PIER TIES	5	SPACED 12" C/C	#4	15'-4"	76'-8"	51 LBS.	
TOTAL REBAR WT.							626 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 LDA00304 FOR LEG TO LEG TEMPLATES.

CONCRETE REQ'D	ROUND PIER	SQUARE PIER
PAD	4.01 CU. YDS.	4.01 CU. YDS.
PIER	2.18 CU. YDS.	2.78 CU. YDS.
TOTAL	6.19 CU. YDS.	6.79 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



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MODEL S3A SERIES LDA
FOUNDATION INSTALLATION
SECTION 04

DATE	02/01/10	SIZE B	DRAWING NO. LDA00404	REV 0
DRAWN BY	WRF			SCALE NONE
CHECKED BY	KLE			