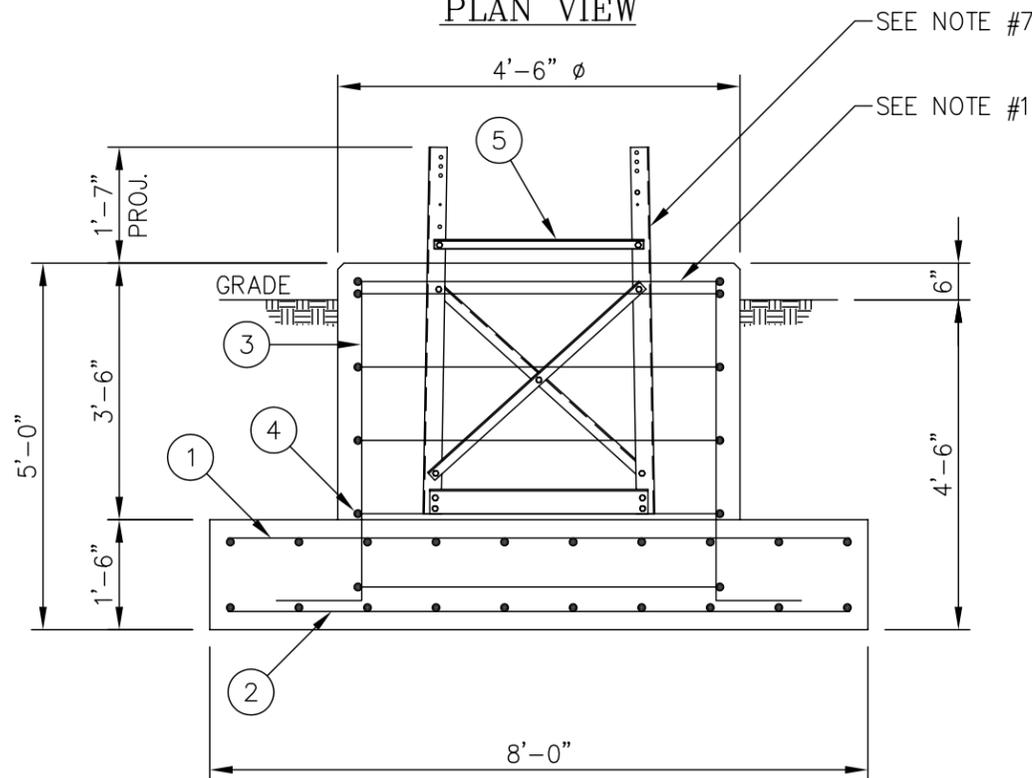


ROUND PIER AS SHOWN.  
MAY BE FORMED SQUARE  
USING SAME OVERALL  
DIMENSIONS

CENTER OF  
TOWER

PLAN VIEW



ELEVATION VIEW

SEE NOTE #7

SEE NOTE #1

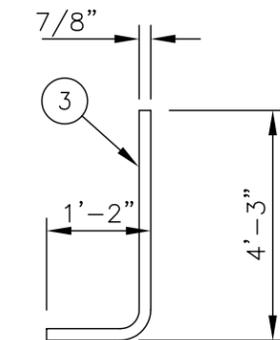
REINFORCING STEEL SCHEDULE

ITEM	LOCATION	NO. REQ'D.	BAR SPC'G.	SIZE	CUT LGTH.	TOTAL LGTH.	TOTAL WT.	SHAPE
①	PAD TOP REINFORCING	20	EQUALLY SPACED	#5	7'-6"	150'-0"	156 LBS.	STRAIGHT
②	PAD BOTTOM REINFORCING	20	EQUALLY SPACED	#5	7'-6"	150'-0"	156 LBS.	STRAIGHT
③	PIER VERTICAL REINFORCING	20	EQUALLY SPACED	#7	5'-5"	108'-4"	221 LBS.	
④	PIER TIES	6	SPACED 12" C/C	#4	13'-10"	83'-0"	55 LBS.	
TOTAL REBAR WT.							588 LBS.	

EMBEDDED SECTION

ITEM	PART NO.	DRAWING NO.
⑤	LDA00603	LDA00603 (SEE NOTE #7)

CONCRETE REQ'D	ROUND PIER	SQUARE PIER
PAD	3.56 CU. YDS.	3.56 CU. YDS.
PIER	2.06 CU. YDS.	2.63 CU. YDS.
TOTAL	5.62 CU. YDS.	6.19 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. SEE DRAWING LDA00603 FOR ASSEMBLY OF DIRECT EMBED SECTION. CENTER DIRECT EMBED SECTION IN FOUNDATION PIER AS SHOWN IN PLAN VIEW.

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

MATERIAL:

TOLERANCES DO NOT APPLY  
TO RAW MATERIAL



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MODEL S3A SERIES LDA  
FOUNDATION INSTALLATION  
DIRECT EMBED SECTION 03

REV	DATE	DRW/CHK	DESCRIPTION

DATE	06/14/10	SIZE	B	DRAWING NO.	LDA00703	REV	0
DRAWN BY	WRF	CHECKED BY	KLE	SCALE	NONE	PAGE	1 OF 1