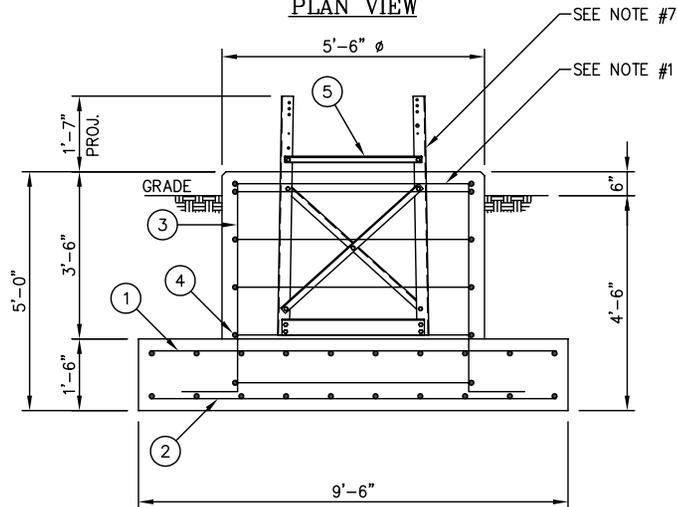


**PLAN VIEW**

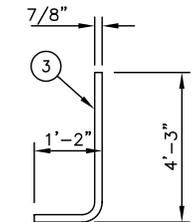


**ELEVATION VIEW**

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	#8	9'-0"	180'-0"	481 LBS.	STRAIGHT
②	PAD BOTTOM REINFORCING	20	EQUALLY SPACED	#8	9'-0"	180'-0"	481 LBS.	STRAIGHT
③	PIER VERTICAL REINFORCING	30	EQUALLY SPACED	#7	5'-5"	162'-6"	332 LBS.	
④	PIER TIES	6	SPACED 12" C/C	#4	16'-11"	101'-6"	68 LBS.	
TOTAL REBAR WT.							1362 LBS.	

EMBEDDED SECTION		
ITEM	PART NO.	DRAWING NO.
⑤	LDA00607	LDA00607 (SEE NOTE #7)

CONCRETE REQ'D	ROUND PIER	SQUARE PIER
PAD	5.01 CU. YDS.	5.01 CU. YDS.
PIER	3.08 CU. YDS.	3.92 CU. YDS.
TOTAL	8.09 CU. YDS.	8.93 CU. YDS.



**REBAR DETAIL**  
(PIER VERTICAL REBAR)

**GENERAL NOTES**

- 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")
- REBAR TO CONFORM TO ASTM SPECIFICATION A615 GRADE 60.
- ALL REBAR TO HAVE A MINIMUM OF 3" CONCRETE COVER.
- ALL EXPOSED CONCRETE CORNERS TO BE CHAMFERED 3/4".
- SEE THE GEOTECHNICAL REPORT FOR COMPACTION REQUIREMENTS, IF SPECIFIED.
- 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.
- SEE DRAWING LDA00607 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		MATERIAL:	
TOLERANCES: FRACTIONS ± 1/16" ANGLES ± 1/2 DEG. DECIMALS ± .010"		TOLERANCES DO NOT APPLY TO RAW MATERIAL	
REV	DATE	DRW/CHK	DESCRIPTION
1	11/18/10	KLE/EK	REVISED PER ENGINEERING



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MODEL S3A SERIES LDA  
FOUNDATION INSTALLATION  
DIRECT EMBED SECTION 07

DATE	06/14/10	SIZE	B	DRAWING NO.	LDA00707	REV	1
DRAWN BY	WRF	SCALE	NONE	PAGE	1 OF 1		
CHECKED BY	KLE						