PLAN VIEW

17'-0"
8'-6" | 8'-6"
17'-0"
8'-6" | 8'-6"

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

CENTER OF TOWER

5'-8 5/16"
8'-6 1/2"
2'-10 3/16"

4'-11 3/16" | 4'-11 3/16"
9'-10 3/8"

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

ELEVATION VIEW

6" PROJ.
2'-6" | 2'-6"
5
SEE NOTE #1
GRADE
6"
3'-0"
4'-6"
3
4
1
1'-6"
2
17'-0"

REINFORCING STEEL SCHEDULE

ITEM	LOCATION	NO. REQ'D.	BAR SPC'G.	SIZE	CUT LGTH.	TOTAL LGTH.	TOTAL WT.	SHAPE
1	PAD TOP REINFORCING	44	EQUALLY SPACED	#5	16'-6"	726'-0"	757 LBS.	STRAIGHT
2	PAD BOTTOM REINFORCING	44	EQUALLY SPACED	#5	16'-6"	726'-0"	757 LBS.	STRAIGHT
3	PIER VERTICAL REINFORCING	30	EQUALLY SPACED	#6	4'-9"	142'-6"	214 LBS.	⌐
4	PIER TIES	18	SPACED 10" C/C	#4	7'-6"	135'-0"	90 LBS.	○ 2'-0" O.D.
						TOTAL REBAR WT.	1818 LBS.	

ANCHOR BOLT SCHEDULE

ITEM	PART NO.	NO. REQ'D.	ANCHOR BOLT SIZE	SPACING
5	C40041057	12	3/4 ø X 3'-3"	SEE PLAN

FIELD NOTE

SEE DRAWING LDA00318 FOR LEG TO LEG TEMPLATES.

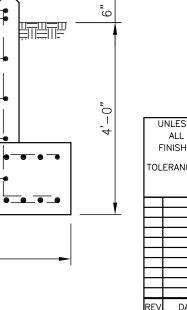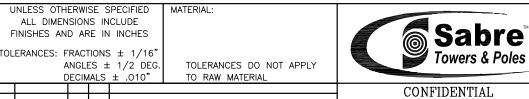| CONCRETE REQ'D	ROUND PIERS	SQUARE PIERS
PAD	16.06 CU. YDS.	16.06 CU. YDS.
PIERS	1.64 CU. YDS.	2.08 CU. YDS.
TOTAL	17.70 CU. YDS.	18.14 CU. YDS.

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).

REBAR DETAIL
(PIER VERTICAL REBAR)

3/4"
1'-0"
3'-9"
3

Sabre Towers & Poles

MODEL S3A SERIES LDA FOUNDATION INSTALLATION SECTION 18

		SIZE	DRAWING NO.	REV
DATE	02/01/10	B	LDA00418	0
DRAWN BY	WRF		SCALE NONE	PAGE 1 OF 1
CHECKED BY	KLE			

REV	DATE	DRW	CHK	DESCRIPTION