

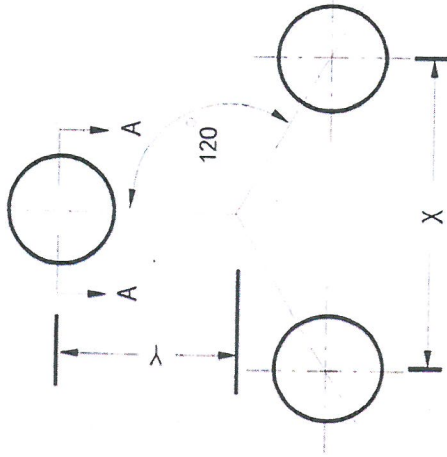
FOUNDATION LAYOUT			DRILLED SHAFT INFORMATION			TOWER LOADING		
NUMBER OF CAISSONS	X DIM	Y DIM	CAISSON DIAMETER (IN)	EMBEDMENT DEPTH "L" (FT)	LONG. REBAR	AXIAL COMP. (KIPS)	AXIAL TEN. (KIPS)	SHEAR (KIPS)
3	*	*	72"	68'	30 - #11	1,333.0 ^K	1,181.0 ^K	255.0 ^K

* DIMENSIONS PER TOWER MANUFACTURER DESIGN

** 72" MINIMUM SPLICE

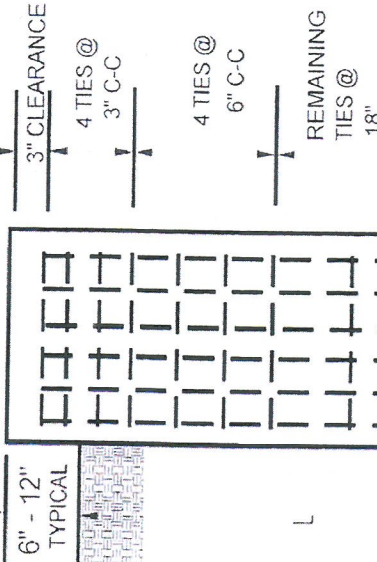
NOTES:

1. DRILLED SHAFT INSTALLED IN ACCORDANCE WITH ACI-336 (LATEST EDITION).
2. CONCRETE WORK SHALL BE IN ACCORDANCE WITH ACI-318 (LATEST EDITION). CONCRETE SHALL HAVE A MINIMUM 28 DAY STRENGTH OF 4,000 PSI.
3. ALL REINFORCING STEEL SHALL BE DEFORMED BILLET STEEL CONFORMING TO ASTM A-615, GRADE 60.
4. ALL REINFORCING STEEL SHALL HAVE A MIN. THREE (3) INCHES COVERAGE.
5. RWH ENGINEERING WILL NOT BE RESPONSIBLE FOR FOUNDATION INTEGRITY IF TOWER IS SET WITHIN 72 HRS. OF CONCRETE PLACEMENT, OR WITHOUT PRIOR VERIFICATION OF CONCRETE STRENGTH.
6. FINAL LENGTH OF FOUNDATION MAY VARY DEPENDING ON ACTUAL IN SITU SOIL CONDITIONS RELATIVE TO BORING DATA SUPPLIED.
7. TOWER FOUNDATION DESIGN BASED ON SOIL BORING DATA PROVIDED BY: AMEC PROJECT #6788-11-2277 TASK 04 DATED 2/3/12
8. TOWER LAYOUT AND FOUNDATION DESIGN LOADING CONDITIONS SUPPLIED BY: VALMONT DRAWING #240437 DATED 2/15/12 TIA-227-G



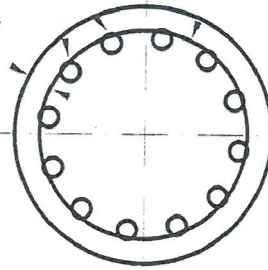
ANCHOR BOLTS PER
TOWER DRAWINGS

DIAMETER



4" TYPICAL

LONGITUDINAL REINFORCING
EQUALLY SPACED



#5 TIE BARS
24" MIN LAP
BARS SPACED PER
FOUNDATION SCHEDULE

SECTION "A-A"

SECTION "B-B"

DATE:

2 / 21 / 12

SCALE:

NONE

APPR'D BY:

300' SS TOWER FOUNDATION

PINELLAS COUNTY SHERIFFS SITE

LARGO, FLORIDA

RWH
ENGINEERING, INC.