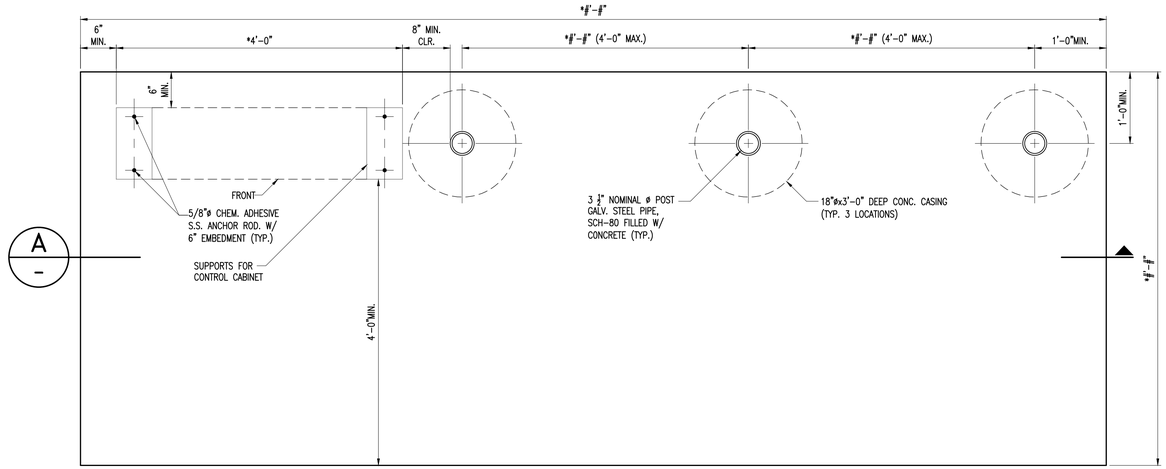
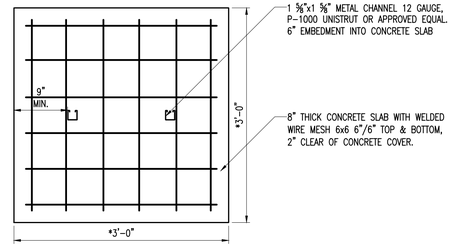


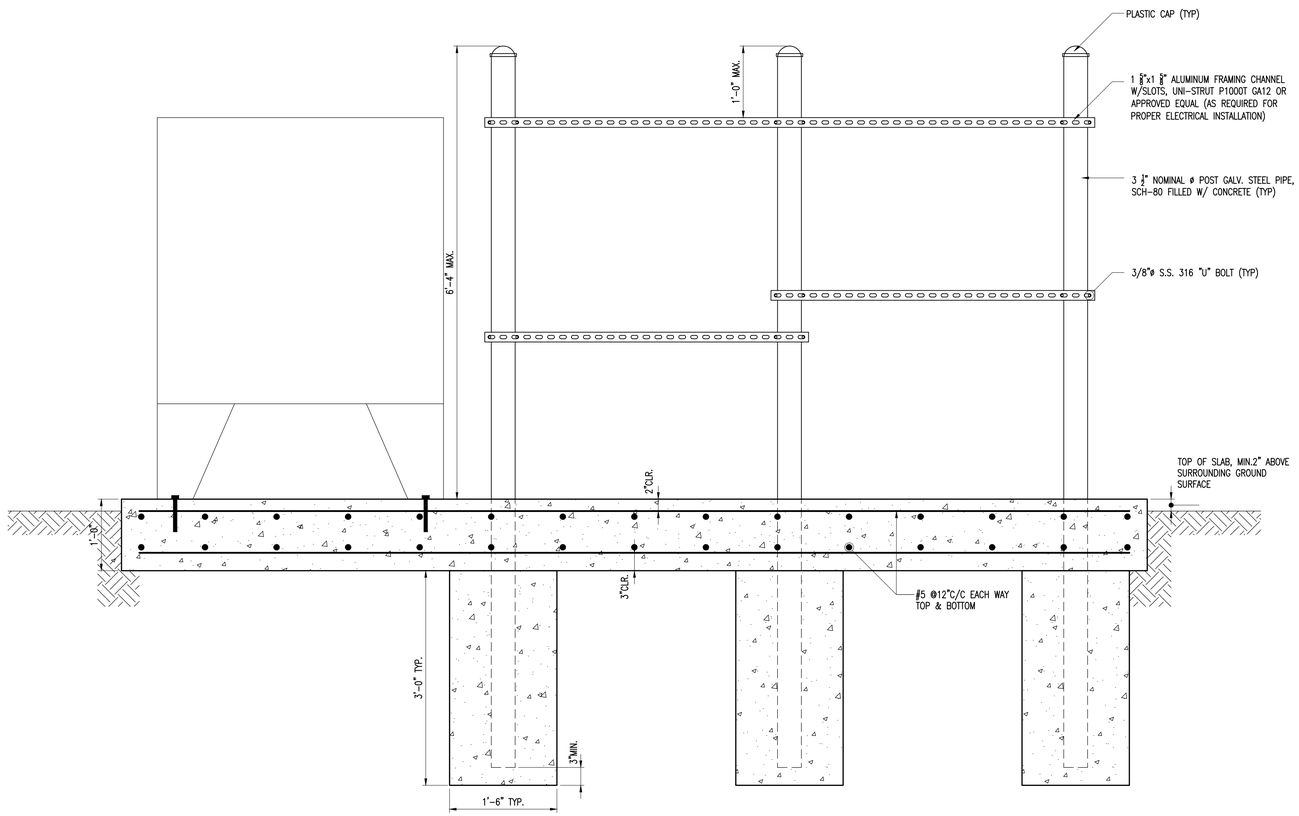
CONCRETE SLAB AND ANCHORAGE PLAN

(ELECTRICAL CONTROL PANEL AND SERVICE EQUIPMENT)
SCALE: 1"=1'-0"



CONCRETE SLAB PLAN

(POWER AND CONTROL JUNCTION BOXES)
SCALE: 1"=1'-0"



SECTION A

SCALE: 1"=1'-0"

NOTES:

1. (*) CONCRETE SLAB DIMENSIONS IN PLAN TO BE DETERMINED BY THE ENGINEER PER SIZE OF EQUIPMENT.
2. ENGINEER SHALL VERIFY SLAB STABILITY FOR WIND UPLIFT AND OVERTURNING DUE TO LATERAL LOAD.
3. CONCRETE SHALL HAVE A 28-DAY STRENGTH OF 4,000 PSI MINIMUM.
4. REINFORCING BARS SHALL BE DEFORMED, GRADE 60 AS PER ASTM A-615.
5. GRADE SLAB FOUNDATION SHALL BE SUPPORTED ON WELL-COMPACTED FILL, WITH MINIMUM COMPACTION OF 95% OF MAXIMUM DRY DENSITY FOR LAYERS AS VERIFIED BY FIELD DENSITY TESTS AS PER ASTM D1557.
6. ELECTRICAL CABINET BASE SUPPORTS AND ANCHOR CONNECTIONS TO BASE SLAB SHALL MEET WIND LOAD DESIGN REQUIREMENTS AS PER ASCE 7-2010.
7. STEEL PIPES SHALL BE MANUFACTURED AS PER ASTM A501 OR ASTM A53, TYPE E OR S, GRADE B.
8. PROVIDE (3) 1/2"ø WEEP-HOLES ON STEEL PIPES, LOCATED AT 1'-0" FROM TOP & BOTTOM ENDS AND AT MID-HEIGHT.
9. ALL WELDING TO BE IN ACCORDANCE WITH AWS CURRENT STRUCTURAL WELDING CODE. WELD ELECTRODE SHALL BE E70XX. RUSTPROOF ALL FIELD WELDS AND SURROUNDING AREA WITH 2 COATS OF ZINC BASED PAINT.
10. STEEL PIPES AND BOTTOM COVER PLATES SHALL BE HOT-DIP GALVANIZED.
11. THE DESIGN OF THE STEEL AND UNI-STRUT CHANNELS POSTS COMPLIES WITH THE REQUIREMENTS OF THE ASCE 7-10 CODE.
12. THE UNI-STRUT FRAMING CHANNELS SHALL BE ATTACHED WITH FITTINGS AND FASTENING STUDS/BOLTS, AND/OR SCREWS AS SUPPLIED BY UNI-STRUT CORP.

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ENGINEERING & DESIGN DIVISION
3575 S LE JEUNE RD
MIAMI, FL 33146
786-268-5250

PCTS 00000/CONTRACT X-000 or RPQ/ERX00000
SUBMERSIBLE PUMPING STATION WITH GENERATOR
PUMPING STATION No. 0000 (UPDATE 2015)
PROJECT OFFICIAL ADDRESS

FOUNDATION/SUPPORT FOR ELECTRICAL INSTALLATIONS

DRAWING HISTORY

	RELEASED FOR	DATE	BY
X	REVIEW 90%	06/19/15	LMS
	REVIEW 00%		
	PERMIT		
	BID		
	AS-BUILT		

REVISIONS

No.	DESCRIPTION	DATE	BY
1	XXXXXX XXXXXX	06/19/15	LMS

APPROVALS

PROJECT MGR: X.X.X.	CHECKED: X.X.X.
DESIGNED: X.X.X.	DRAWN: X.X.X.
CHIEF ENGINEER: J.B.F.	
DESIGN MNGR.: R.J.A.	
SECTION HEAD: X.X.X.	

Xxxx Xxxxx, P.E.
Xxxxx Engineer
State of Florida-License No.00000
Date:_____

FILE NAME: 00000S03
DATE: 06/19/2015 | SCALE: AS NOTED
SHEET S-3
DWG. No. X-00000-D