

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

**DRAWING HISTORY**

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

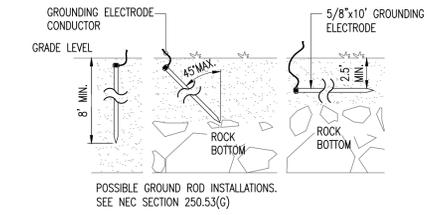
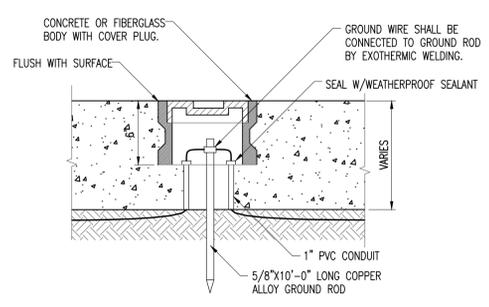
**REVISIONS**

No.	DESCRIPTION	DATE	BY
1	XXXXXX	06/19/15	LS
2	XXXXXX		

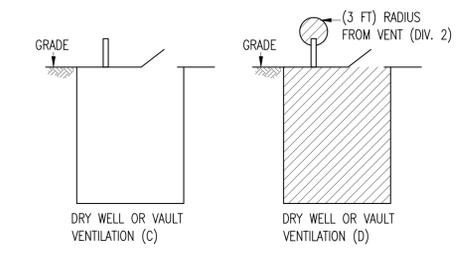
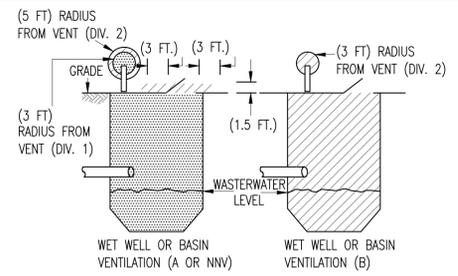
**APPROVALS**

PROJECT MGR: X.X.X	CHECKED: X.X.X
DESIGNED: X.X.X	DRAWN: X.X.X
CHIEF ENGINEER: J.B.F.	
DESIGN MGR.: R.J.A.	
UNIT HEAD: L.S.	

XXXX XXXXX, P.E.  
 XXXXX Engineer  
 State of Florida—License No. 00000  
 Date:



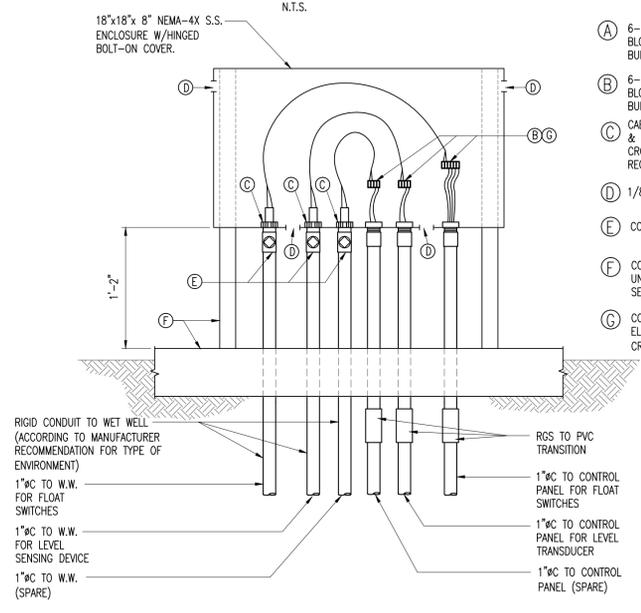
**TYPICAL GROUND ROD DETAIL**



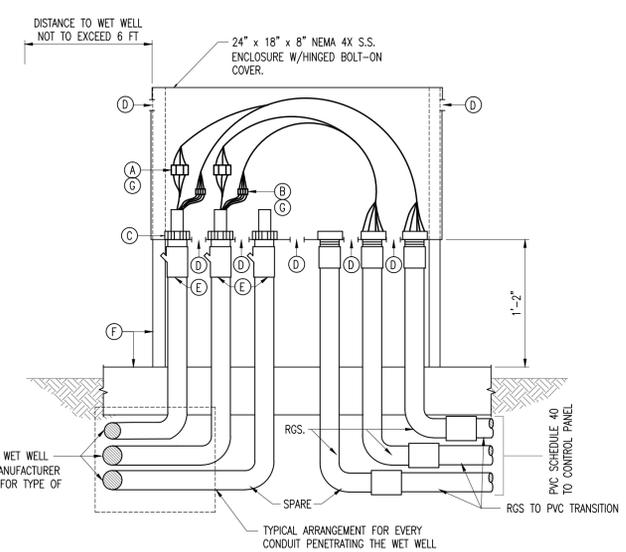
- LEGEND:**
- A: NO VENTILATION OR VENTILATED LESS THAN 12 AIR CHANGES/HOUR
  - B: CONTINUOUSLY VENTILATED AT 12 AIR CHANGES/HOUR
  - C: CONTINUOUSLY VENTILATED AT 6 AIR CHANGES/HOUR
  - D: NO VENTILATION OR VENTILATED LESS THAN 6 AIR CHANGES/HOUR
  - NNV: NOT NORMALLY VENTILATED

DIVISION 1 DIVISION 2 UNCLASSIFIED

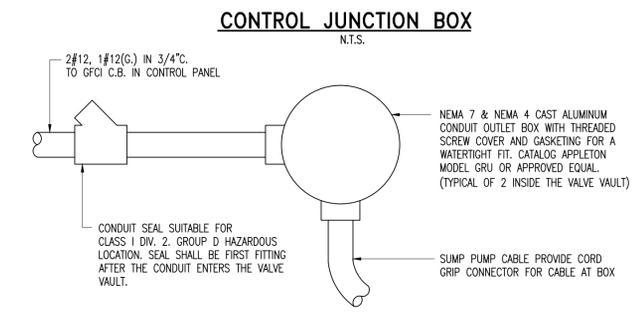
**NFPA BOUNDARY CLASIFICATION**



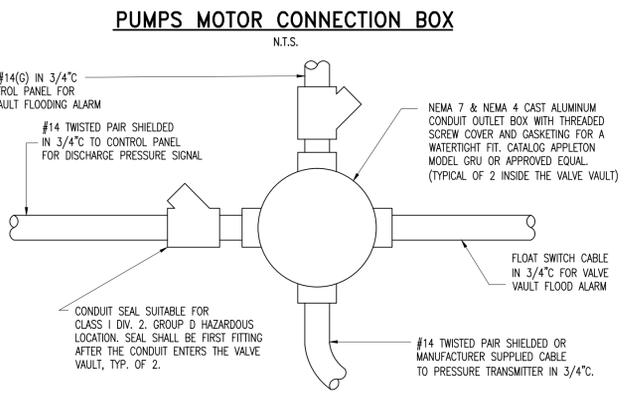
**CONTROL JUNCTION BOX**



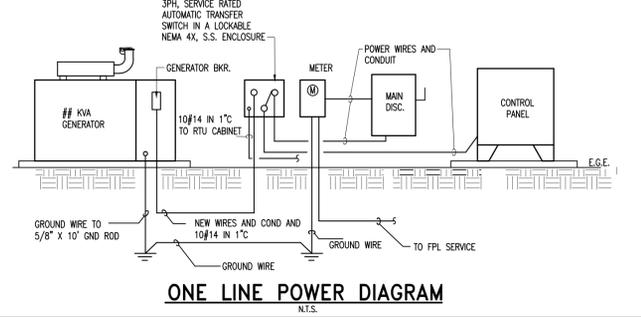
**PUMPS MOTOR CONNECTION BOX**



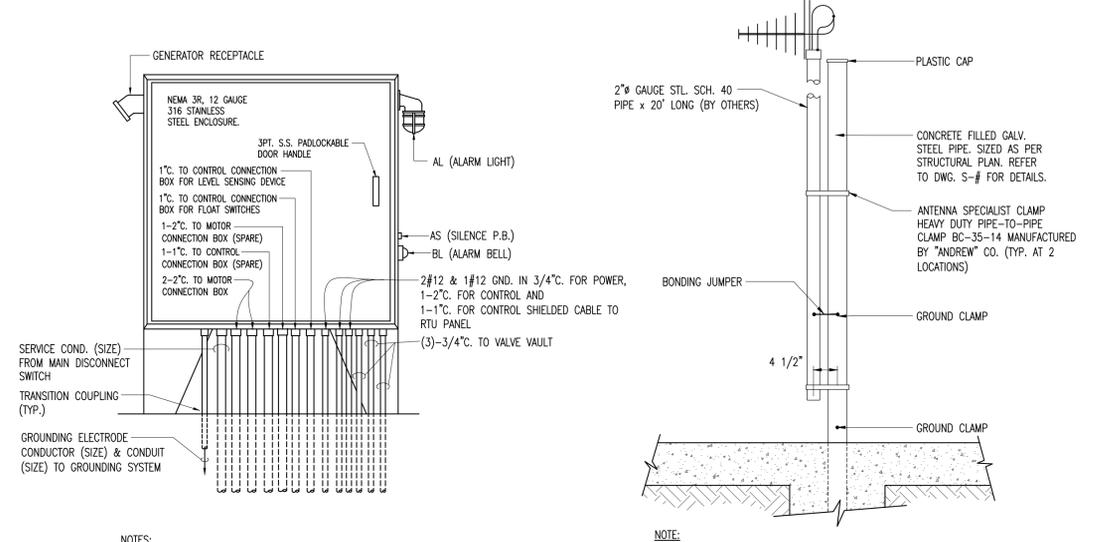
**POWER CONNECTION DETAIL AT VALVE VAULT**



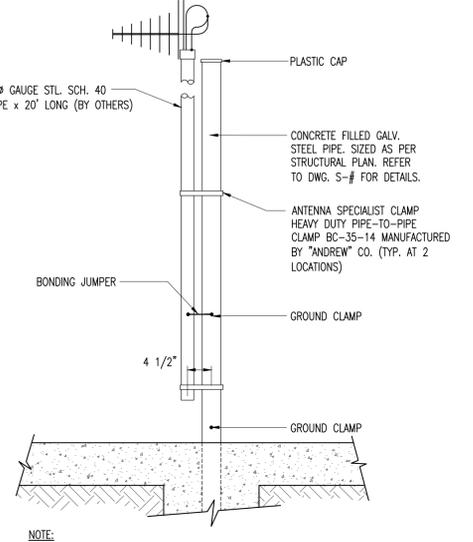
**CONTROL CONNECTIONS DETAIL AT VALVE VAULT**



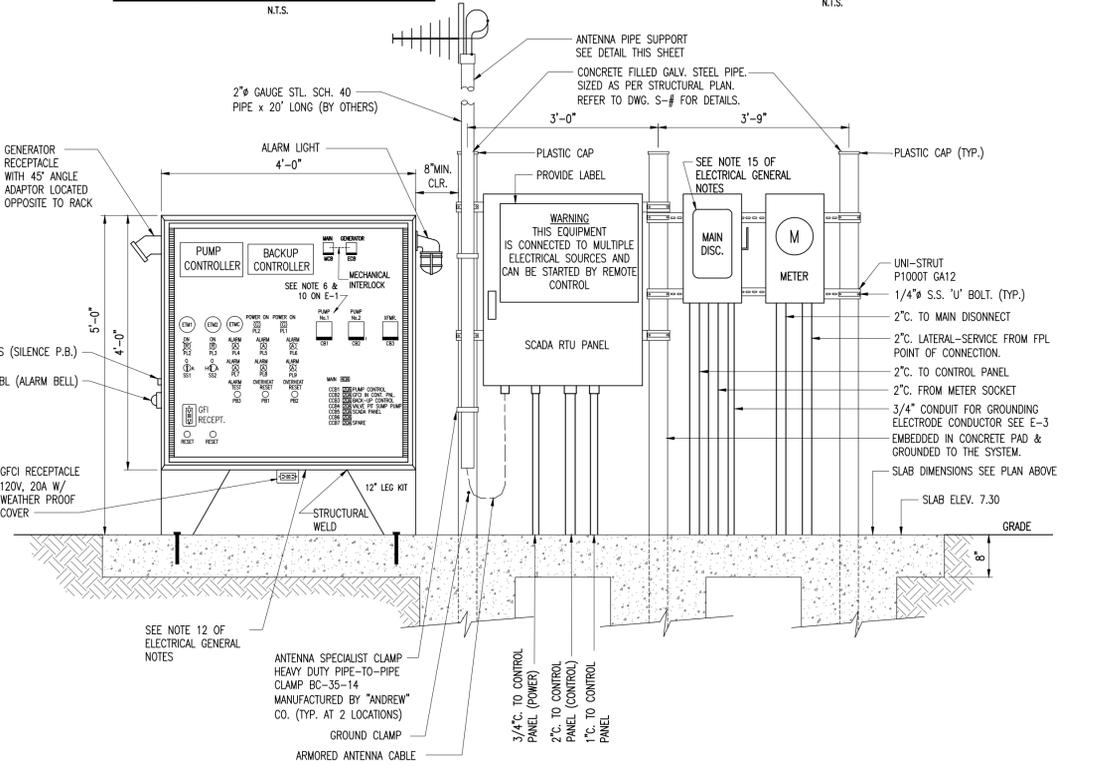
**ONE LINE POWER DIAGRAM**



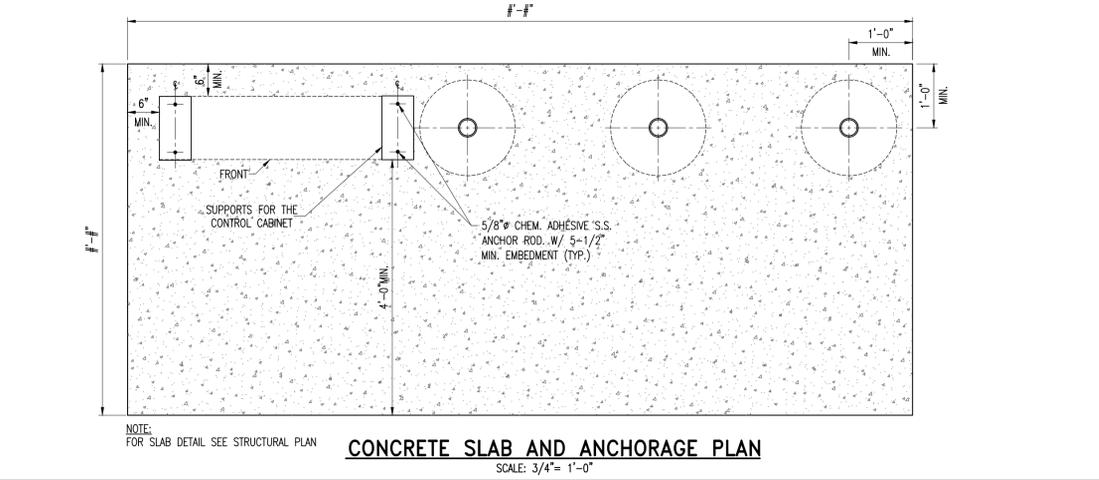
**CONTROL CABINET FRONT VIEW**



**ANTENNA MOUNTING DETAIL**



**MAIN DISCONNECT, METER, RTU PANEL AND ANTENNA FRONT VIEW**



**CONCRETE SLAB AND ANCHORAGE PLAN**

THESE ARE NOT CONSTRUCTION DRAWINGS. THE INFORMATION HEREIN CONTAINED SHALL ONLY BE USED AS GENERAL GUIDELINE OF THE INTENDED OPERATION AND FUNCTIONS AND SHALL NOT BE CONSTRUED AS ALL INCLUSIVE. ENGINEERS OF RECORD AND CONSULTANTS USING THESE GUIDELINES SHALL VERIFY AND MODIFY ANY REQUIREMENT NOT NECESSARILY SHOWN AS MAY BE REQUIRED BY ANY AND ALL APPLICABLE CODES AND STANDARDS.