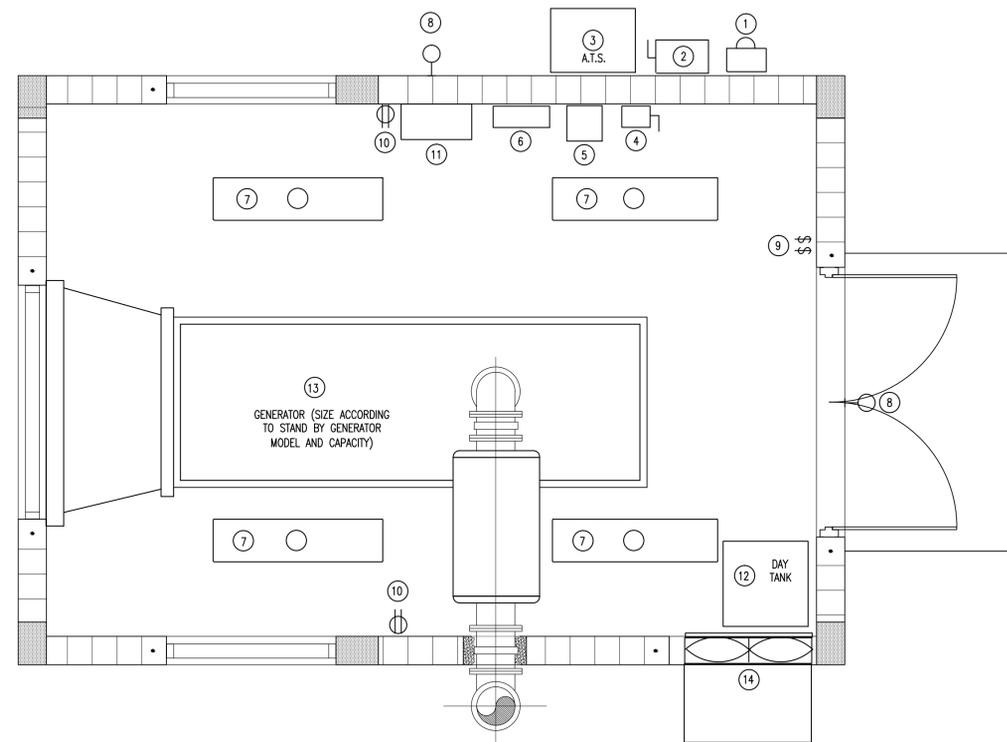


PCTS 00000/CONTRACT X-000 or RPQ/ERX00000
SUBMERSIBLE PUMPING STATION WITH GENERATOR
PUMPING STATION No. 0000 (UPDATE 2015)
PROJECT OFFICIAL ADDRESS

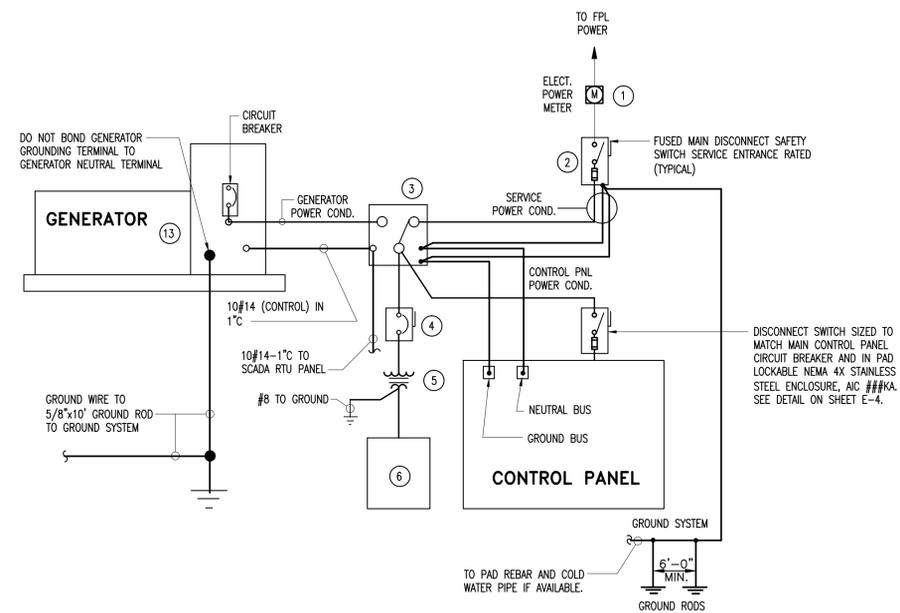
EMERGENCY GENERATOR BLDG. ELEC. FLOOR PLAN



NOTE:
SEE STRUCTURAL DRAWINGS FOR DETAILS

ELECTRICAL PLAN

SCALE: 1/2"=1'-0"



RISER DIAGRAM

N.T.S.

NOTE:
FOR ADDITIONAL COMPONENTS AND RELATED INFORMATION
REFER TO ONE LINE DIAGRAM IN SHEET E-3.

EQUIPMENT LEGEND

- ① METER AND LATERAL SERVICE FROM FPL TRANSFORMER.
- ② MAIN DISCONNECT SAFETY SWITCH WITH CURRENT LIMITING FUSES SERVICE ENTRANCE RATED IN A LOCKABLE STAINLESS STEEL NEMA 4X ENCLOSURE. INCLUDES SERVICE GROUND SYSTEM.(SEE SHEET E-3)
- ③ 3 POLE AUTOMATIC TRANSFER SWITCH SIZED AS REQUIRED IN A NEMA 4X ENCLOSURE. PROVIDE CONTROL WIRING FROM ATS TO GENERATOR AS REQUIRED.
- ④ 20 AMP FUSED DISCONNECT OR BREAKER FED FROM A.T.S. LOAD LUGS.
- ⑤ SINGLE PHASE 7.5 KVA DRY TYPE TRANSFORMER 480V-120/240V
- ⑥ 12 CIRCUITS PANELBOARD WITH 40 AMP, 2P, 240V. MAIN CIRCUIT BREAKER. SEE PANEL SCHEDULE IN SHEET E-3.
- ⑦ CEILING MOUNTED HIGH EFFICIENT LIGHT FIXTURE DUST AND MOISTURE RESISTANT, SIMILAR TO HOLOPHANE EMS LED OR APPROVED EQUAL. LIGHT FIXTURES TO BE CONTROLLED BY A SWITCH MOUNTED ON THE WALL BY THE ENTRANCE.
- ⑧ WALL MOUNTED LED LIGHT FIXTURES, 120V., GLASS LENS, DIE CAST ALUMINUM HOUSING, SUITABLE FOR WET LOCATIONS, FLAST BLOW SWITCH BRONCE FINISH, SIMILAR TO HOLOPHANE WALLPACK LED, HUBBELL PERMALITER LED OR APPROVED EQUAL. LIGHT FIXTURES TO BE CONTROLLED BY A SWITCH MOUNTED ON THE WALL BY THE ENTRANCE.
- ⑨ TWO (2) 20 AMP, 1P, LIGHT SWITCH WALL MOUNTED AT 48" A.F.F.
- ⑩ TWO (2) 20 AMP, 1P, 3W, WEATHERPROOF, G.F.I. DUPLEX RECEPTACLES MOUNTED AT 18" A.F.F.
- ⑪ BATTERY CHARGER
- ⑫ DAY TANK
- ⑬ GENERATOR
- ⑭ EXHAUST FAN

DRAWING HISTORY

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

REVISIONS

No.	DESCRIPTION	DATE	BY
Δ XXXXXX XXXXXX		06/19/15	LS

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.	
UNIT HEAD: L.S.	

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

FILE NAME: 00000E06.DWG

DATE: 06/19/2015 SCALE:

SHEET **E-6**

DWG. No. **S-00000-D**