

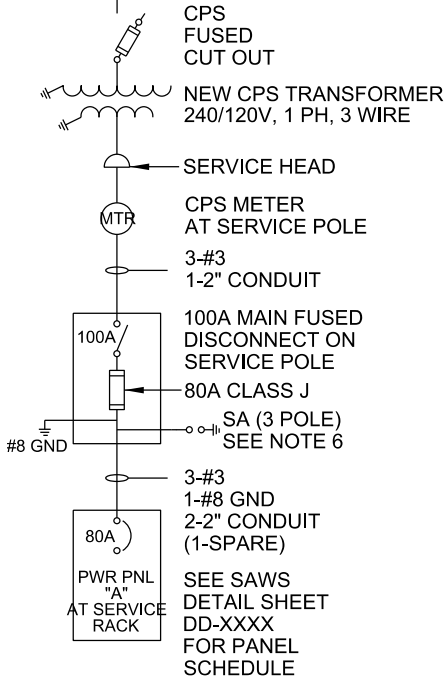
**NOTES:**

1. ALL UNDERGROUND ELECTRIC CONDUIT SHALL BE CONCRETE ENCASED WITH REINFORCED STEEL.
2. ABOVE GROUND CONDUIT SHALL BE RIGID GALVANIZED STEEL.
3. UNDERGROUND CONDUIT SHALL BE PVC CONDUIT.
4. ALL MOUNTING HARDWARE AND STRUT SHALL BE 316 STAINLESS STEEL. ALL ENCLOSURES AND DISCONNECTS MUST BE PAD LOCKABLE.
5. SPARE CONDUITS AS SHOWN ON CABLE AND CONDUIT SCHEDULE SHALL BE CAPPED 6" ABOVE SLAB OR GRADE WITH PULL STRING.
6. PROVIDE BREAKER FOR SURGE ARRESTOR AS RECOMMENDED BY MANUFACTURER.
7. CONTROL PANELS SHALL BE NEMA 4X, 316SS.

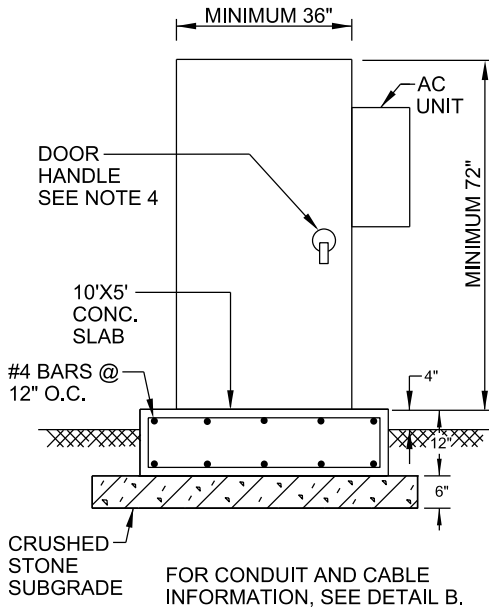
ELECTRICAL LOAD ANALYSIS

CONNECTED LOAD  
POWER PANEL "A" 13 KVA

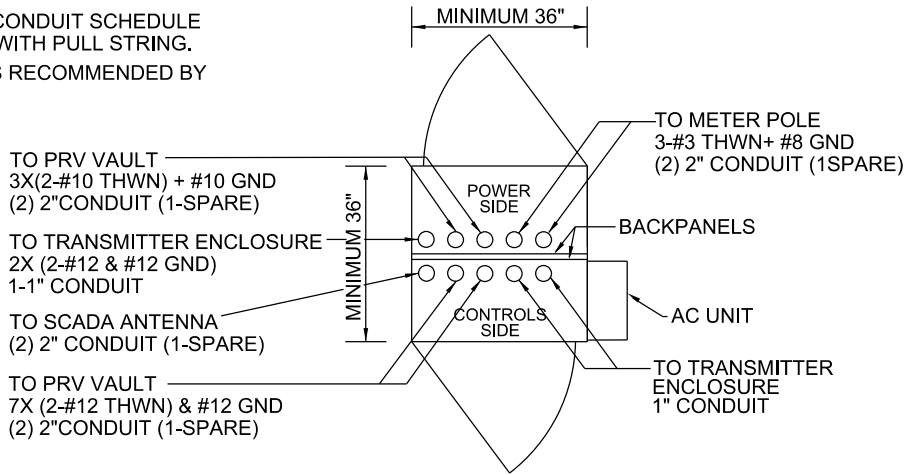
PROPOSED CPS OVERHEAD DISTRIBUTION



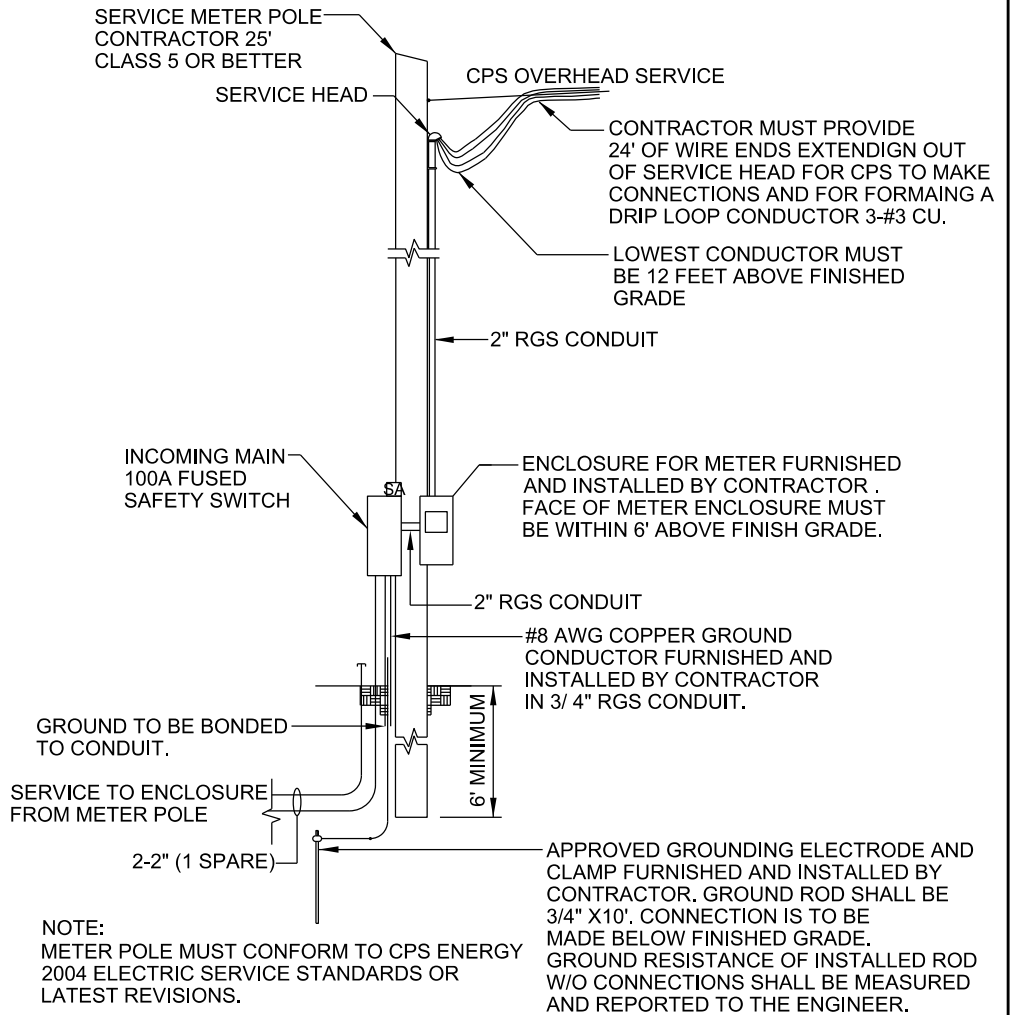
**(A) ONE LINE DIAGRAM**  
SCALE: N.T.S.



**(C) FRONT VIEW FREE STANDING ENCLOSURE**  
SCALE: N.T.S.



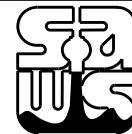
**(B) TOP VIEW FREE STANDING ENCLOSURE**  
SCALE: N.T.S.



**(D) ELECTRICAL SERVICE POLE**  
SCALE: N.T.S.

DD-905-06

SAN ANTONIO WATER SYSTEM  
SAN ANTONIO, TEXAS



APPROVED:  
SEPTEMBER 2012

SHEET  
1 OF 1

PRV ONE-LINE DIAGRAM AND RACK DETAIL

REVISED: