



MATERIALS LIST

- 1 1" Ø AC CONDUIT TO AC METER PEDESTAL
- 2 2" Ø SCH 40 PVC ELECT CONDUIT TO ANODE WELL
- 3 2" Ø SCH 40 PVC ELECT CONDUIT TO STRUCTURE CONNECTION
- 4 42" L x 32" W x 12" H STEEL REINFORCED CONC PAD (WW MESH OR #5 REBAR 8" OC)
- 5 1" Ø SCH 40 PVC ELECT CONDUIT VENT PIPE
- 6 5/8" Ø COPPER CLAD GROUND ROD - MAXIMUM GROUND TO EARTH RESISTANCE IS 5 OHMS
- 7 GPS CURRENT INTERRUPTER - AMERICAN INNOVATION MICROMAX GPS300 WITH RELAY, NTE ELECTRONICS, INC. RS3-ID40-41M, AND HEATSINK
- 8 AC GFI OUTLET
- 9 NEMA 3R SINGLE DOOR ALUMINUM ENCLOSURE - MEYERS MODEL MSX WITH CORBAL LOCK AND SS SLIDE OUT SHELF/HARDWARE, PART NO. 540166
- 10 MANUAL VOLTAGE CONTROLLED RECTIFIER (36 VOLTAGE TAPS MINIMUM) MOUNTED ON THE SS SLIDE OUT SHELF
- 11 1/4" THICK GRADE XX PHENOLIC BACK PANEL FOR MOUNTING ANCILLARY COMPONENTS. USE STANDOFFS TO PREVENT ELECTRICAL SHORTING OF ANCILLARY COMPONENTS TO ENCLOSURE.
- 12 2" Ø SCH 40 PVC ELECT CONDUIT TO UP OR DOWNSTREAM STRUCTURE CONNECTION PIPELINE CURRENT SPAN
- 13 AC DISCONNECT

| DIAMETER RANGE | CURRENT SPAN ATTACHMENT POINT |
|----------------|-------------------------------|
| < 24" | 200' |
| 24" TO 36" | 280' |
| 36" TO 48" | 400' |
| > 48" | 500' |

| REVISION | BY | APPROVED | DATE |
|----------|----|---------------|-------|
| ORIGINAL | EF | J. NAGELVOORT | 10/19 |
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CITY OF SAN DIEGO – STANDARD DRAWING

**IMPRESSED CURRENT
RECTIFIER ENCLOSURE AND COMPONENTS**

RECOMMENDED BY THE CITY OF SAN DIEGO STANDARDS COMMITTEE

CDunger 10/10/19
COORDINATOR R.C.E. 56523 DATE

DRAWING NUMBER **SDW-181**