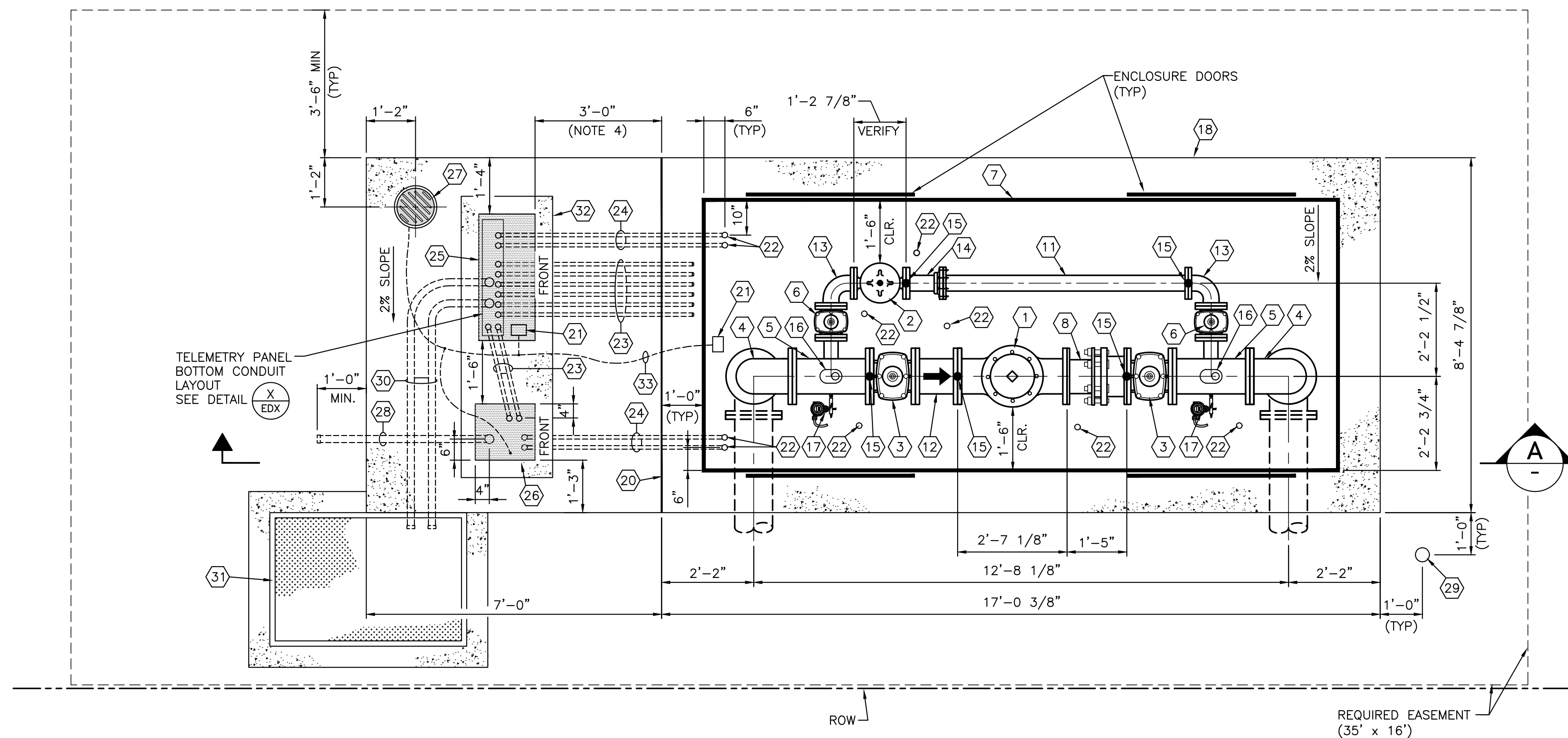
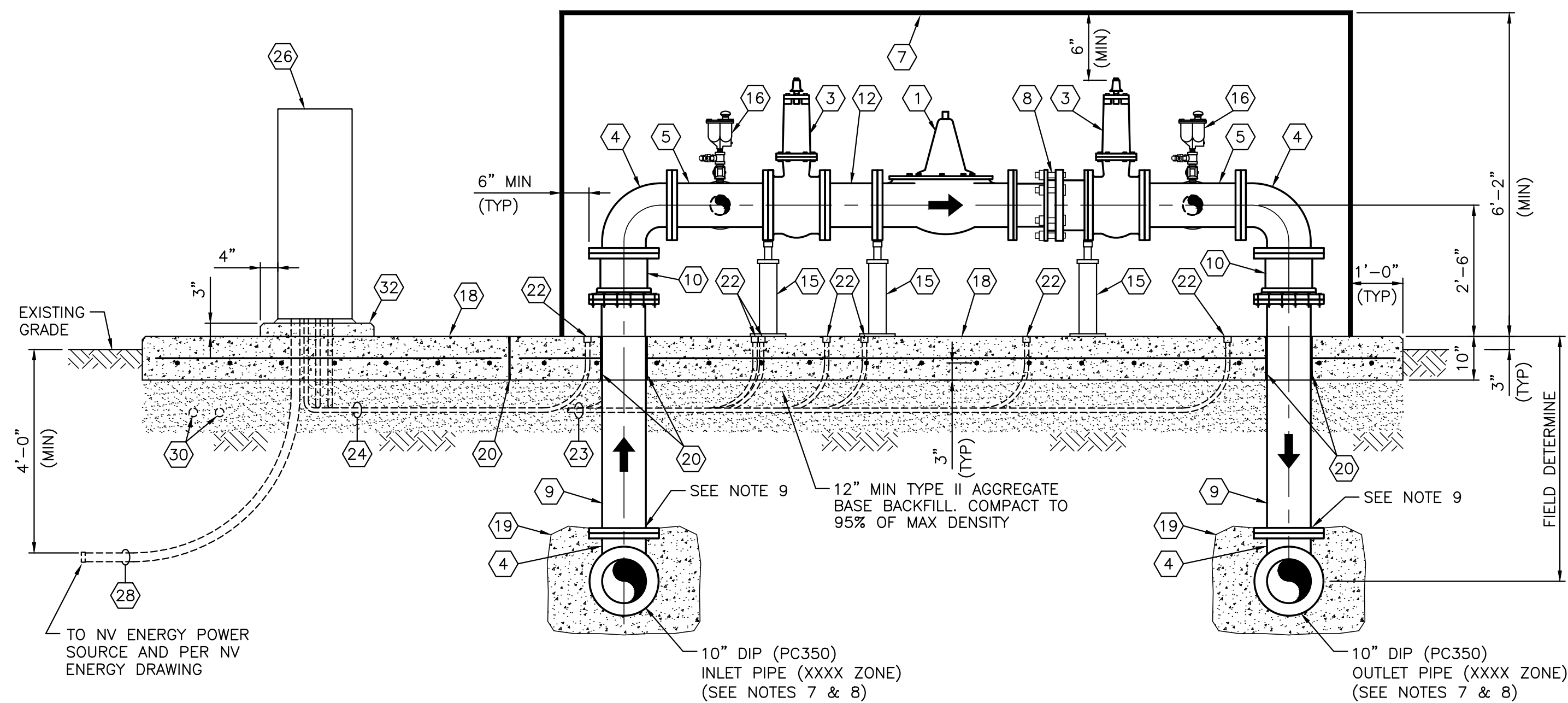




- NOTES:**
- PRESSURE REDUCING VALVE SETTINGS:**
10" PRV = XX PSI
4" PRV = XX PSI
 - CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY AND ALL DAMAGED OR DISTURBED EXISTING LANDSCAPING, IN AND ADJACENT TO PROJECT SITE, DURING CONSTRUCTION OPERATIONS.
 - PRESSURE REDUCING ASSEMBLY AND ABOVE GROUND PIPING TO BE PAINTED WHITE PER SPECS.
 - 3'-0" MIN CLEARANCE IN FRONT & BEHIND POWER SERVICE PEDESTAL.
 - TELEMETRY ENCLOSURE TO FACE NORTH OR EAST WITH 3.5' MIN CLEARANCE IN FRONT OF ENCLOSURE.
 - PRV TO INCLUDE POSITION INDICATOR AND CLA-VAL X-144D INSERTION FLOW METERS.
 - INSULATING FLANGE KITS TO BE INSTALLED AT PRV LATERAL CONNECTIONS TO MAIN. PRV LATERALS TO BE FULLY BONDED, INCLUDING RISERS.
 - TWO (2) ANODES TO BE INSTALLED ON EACH PRV LATERAL (TOTAL OF 4 ANODES), SEE X
CDX
 - FLANGED REDUCERS TO BE INSTALLED IN VERTICAL ORIENTATION AT BOTTOM OF RISERS IF OVERSIZED LATERALS ARE INSTALLED.
 - POWER SERVICE AVAILABILITY TO BE WITHIN 100' OF NEW PRV INSTALLATION.
 - 3/4" CHAMFER REQUIRED ON ALL EXPOSED EDGES OF CONCRETE PADS (BOTTOM OF PAD EXEMPT).



SECTION A
-

MATERIAL LIST

- | | |
|---|--|
| 1 10" PRESSURE REDUCING VALVE (SEE NOTE 6) | 22 1" CONDUIT RISER, SEE X
EDX |
| 2 4" PRESSURE REDUCING VALVE (SEE NOTE 6) | 23 1" PVC CONDUITS W/PVC COATED RGS ELBOWS (12" RADIUS), SEE X
EDX |
| 3 10" FLG GATE VALVE (NRS) | 24 1" PVC CONDUITS W/PVC COATED RGS ELBOWS AND PULL WIRE (12" RADIUS)(SPARES), SEE X
EDX |
| 4 10" - 90° FLANGED BEND | 25 TELEMETRY ENCLOSURE WITH SUNSHIELD (48"H x 36"W x 18"D), SEE X
EDX |
| 5 10" x 4" FLANGED TEE W/ 2" NPT (TOP) AND 3/4" NPT (SIDE), SEE X
IDX | 26 POWER SERVICE PEDESTAL (LVWD PROPERTY) (48"H x 16"W x 17"D), SEE X
EDX |
| 6 4" FLG GATE VALVE (NRS) | 27 GROUNDWELL SYSTEM, SEE X
EDX |
| 7 APPROVED INSULATED ENCLOSURE WITH HINGED ROOF (CONTRACTOR TO SUBMIT SHOP DRAWINGS) | 28 POWER SERVICE CONDUIT (3" MIN.) PER NV ENERGY REQUIREMENTS |
| 8 10" FLG DISMANTLING JOINT (RESTRAINED), ROMAC DJ405 FULLY TELESOPING WITH NO INTERNAL STOPS | 29 VEHICULAR PROTECTION BOLLARD. BOLLARDS TO BE SPACED AT 5'-0" AS REQUIRED. REMOVABLE VEHICULAR BOLLARDS TO BE INSTALLED WHEN INSTALLED DIRECTLY IN FRONT OF ENCLOSURE, SEE X
CDX AND X
CDX |
| 9 10" FLG x PE DUCTILE IRON PIPE, PC350 (CUT TO FIT) | 30 2" PVC CONDUITS FOR FIBER OPTIC, ROUTE TO PULLBOX |
| 10 10" RESTRAINED FLANGE COUPLING ADAPTER W/ INSULATING FLANGE KIT | 31 CENTURYLINK 200 BOX W/ H20-44 HINGED ALUMINUM TORSION ASSIST LIDS WITH 180° LAYBACK CAPABILITY, LID LABELED WITH "LVWD FIBER" WITH 6" MIN. COLLAR |
| 11 4" FLG x PE DUCTILE IRON PIPE, PC350 (CUT TO FIT) | 32 RAISED CONCRETE PAD FOR TELEMETRY AND POWER ENCLOSURES (26" x 80" MIN) |
| 12 10" FLG x FLG DUCTILE IRON PIPE, PC350 (1'-0") | 33 #2 CU THW. GROUND WIRE. USE EXOTHERMIC (CADWELD) CONNECTION TO ATTACH TO EQUIPMENT PAD REBAR, AND #4/0 GROUNDWELL WIRE. 12" OF EXCESS GROUND WIRE TO BE LEFT INSIDE POWER PEDESTAL. |
| 13 4" - 90° FLANGED BEND | |
| 14 4" RESTRAINED FLANGE COUPLING ADAPTER | |
| 15 ADJUSTABLE PIPE SUPPORT | |
| 16 1" COMBINATION AIR VALVE ASSEMBLY, SEE X
CDX | |
| 17 PRESSURE TRANSMITTER ASSEMBLY, SEE X
EDX | |
| 18 10" THICK CONCRETE PAD (4,500 PSI) REINFORCED W/#4 BARS @ 12"O.C. | |
| 19 CONCRETE THRUST BLOCK, SEE X
CDX | |
| 20 1/2" EXPANSION JOINT MATERIAL | |
| 21 BOLT EQUIPMENT GROUNDING PLATE TO SLAB, SEE X
EDX | |

10' x 4' PRV ASSEMBLY WITH FUTURE POWER AND TELEMETRY

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

PRV04-2

110520