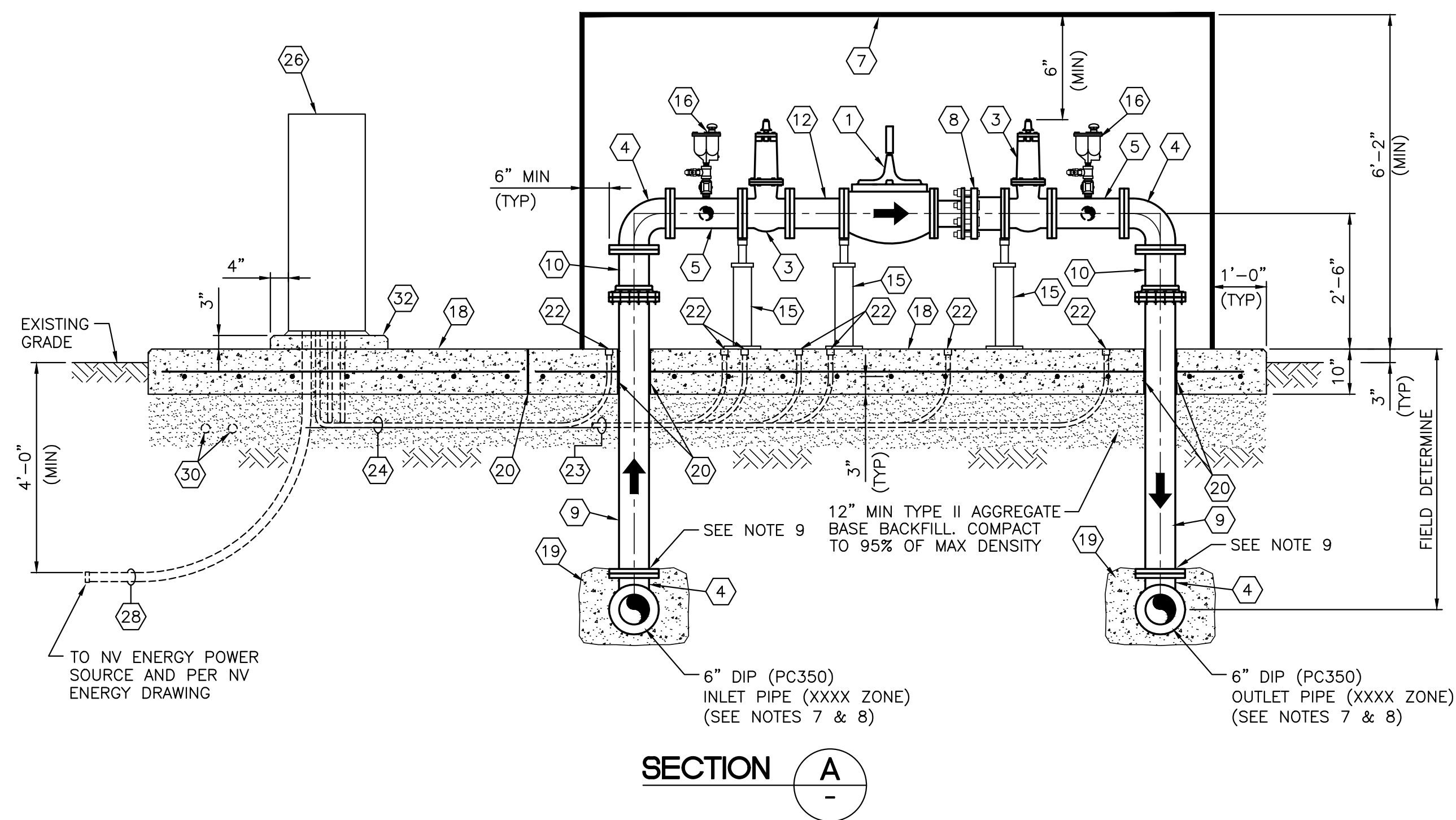
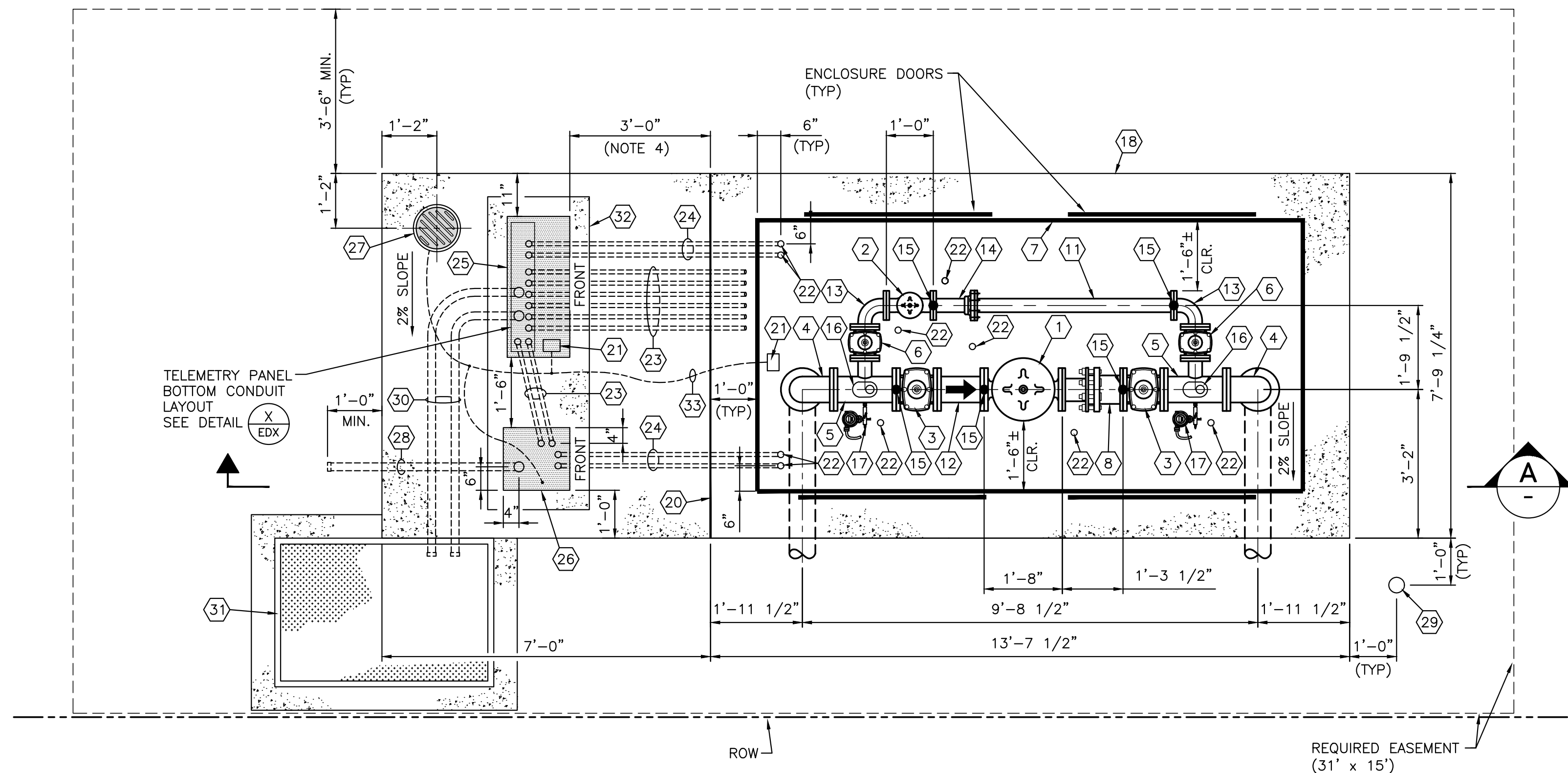




- NOTES:**
1. PRESSURE REDUCING VALVE SETTINGS:
6" PRV = XX PSI
3" PRV = XX PSI
 2. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY AND ALL DAMAGED OR DISTURBED EXISTING LANDSCAPING, IN AND ADJACENT TO PROJECT SITE, DURING CONSTRUCTION OPERATIONS.
 3. PRESSURE REDUCING ASSEMBLY AND ABOVE GROUND PIPING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

MATERIAL LIST

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| <ol style="list-style-type: none"> 1 6" PRESSURE REDUCING VALVE (SEE NOTE 6) 2 3" PRESSURE REDUCING VALVE (SEE NOTE 6) 3 6" FLG GATE VALVE (NRS) 4 6" - 90° FLANGED BEND 5 6" x 3" FLANGED TEE W/ 2" NPT (TOP) AND 3/4" NPT (SIDE), SEE X
IDX 6 3" FLG GATE VALVE (NRS) 7 APPROVED INSULATED ENCLOSURE WITH HINGED ROOF (CONTRACTOR TO SUBMIT SHOP DRAWINGS) 8 6" FLG DISMANTLING JOINT (RESTRAINED), ROMAC DJ405 FULLY TELESCOPING WITH NO INTERNAL STOPS 9 6" FLG x PE DUCTILE IRON PIPE, PC350 (CUT TO FIT) 10 6" RESTRAINED FLANGE COUPLING ADAPTER W/ INSULATING FLANGE KIT 11 3" FLG x PE DUCTILE IRON PIPE, PC350 (CUT TO FIT) 12 6" FLG x FLG DUCTILE IRON PIPE, PC350 (1'-0") 13 3" - 90° FLANGED BEND 14 3" 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 | <ol style="list-style-type: none"> 21 BOLT EQUIPMENT GROUNDING PLATE TO SLAB, SEE X
EDX 22 1" CONDUIT RISER, SEE X
EDX 23 1" PVC CONDUITS W/PVC COATED RGS ELBOWS (12" RADIUS), SEE X
EDX 24 1" PVC CONDUITS W/PVC COATED RGS ELBOWS AND PULL WIRE (12" RADIUS)(SPARES), SEE X
EDX 25 TELEMETRY ENCLOSURE WITH SUNSHIELD (48"H x 36"W x 18"D), SEE X
EDX 26 POWER SERVICE PEDESTAL (LVWVD PROPERTY) (48"H x 16"W x 17"D), SEE X
EDX 27 GROUNDWELL SYSTEM, SEE X
EDX 28 POWER SERVICE CONDUIT WITH CAP (3" MIN.) PER NV ENERGY REQUIREMENTS 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 30 2" PVC CONDUITS FOR FIBER OPTIC, ROUTE TO PULLBOX 31 CENTURYLINK 200 BOX W/ H20-44 HINGED ALUMINUM TORSION ASSIST LIDS WITH 180° LAYBACK CAPABILITY, LID LABELED WITH "LVWVD FIBER" WITH 6" MIN. COLLAR 32 RAISED CONCRETE PAD FOR TELEMETRY AND POWER ENCLOSURES (26" x 80" MIN) 33 #2 CU THW. GROUND WIRE. USE EXOTHERMIC (CADWELD) CONNECTION TO ATTACH TO EQUIPMENT PAD REBAR, AND #4/O GROUNDWELL WIRE. 12" OF EXCESS GROUND WIRE TO BE LEFT INSIDE POWER PEDESTAL. |
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6" x 3" PRV ASSEMBLY WITH POWER AND TELEMETRY

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

PRV02-1

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