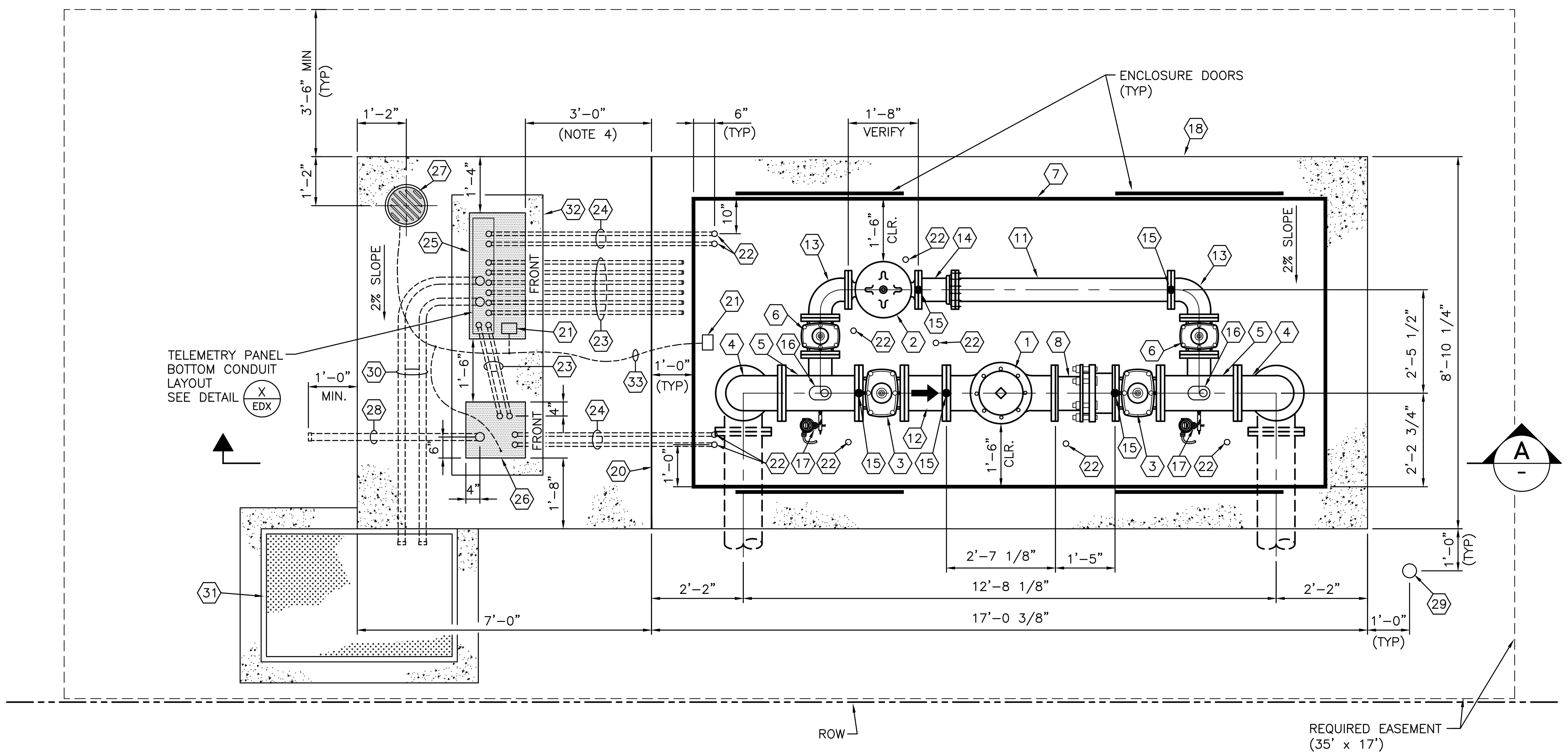
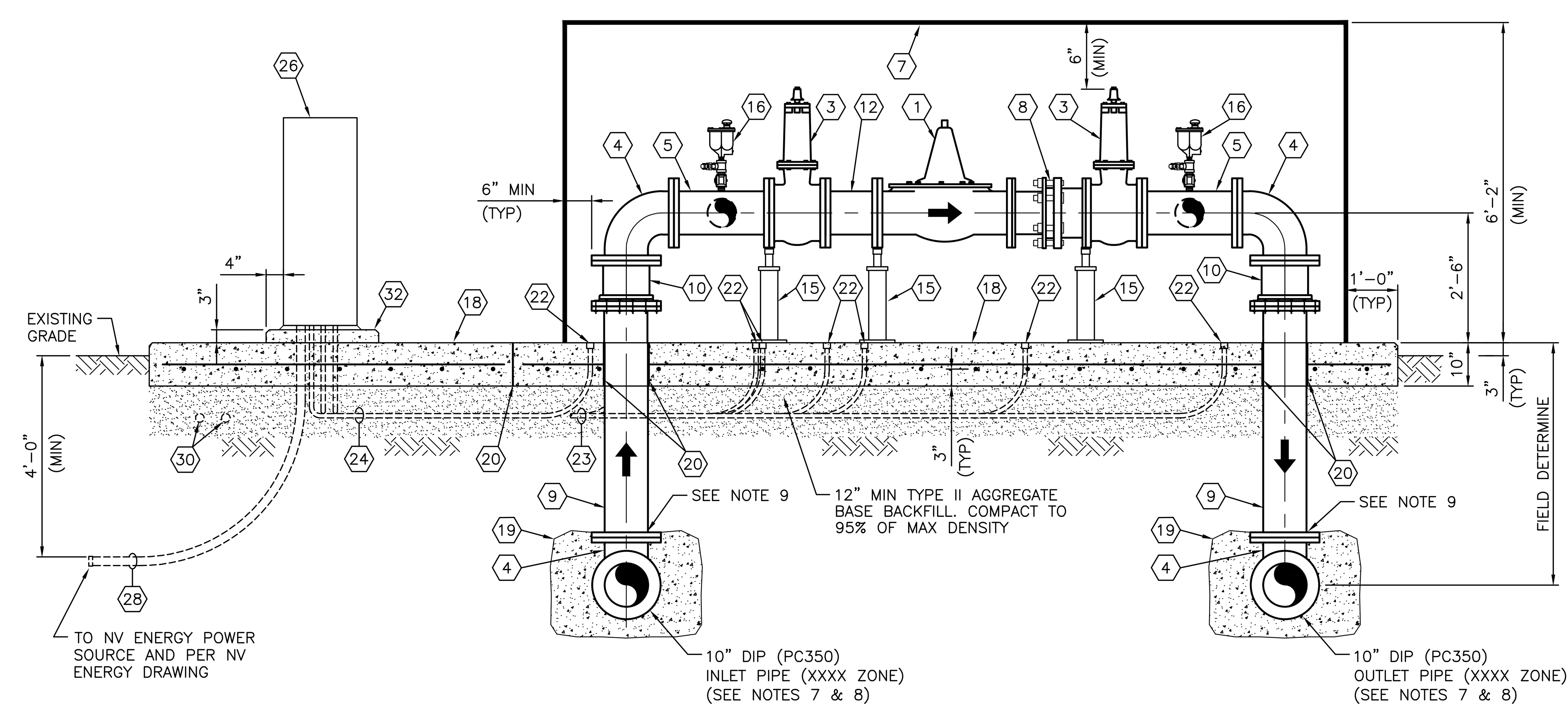


NOTES:

1. PRESSURE REDUCING VALVE SETTINGS:
   10" PRV = XX PSI
   6" 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. POWER SERVICE AVAILABILITY TO BE WITHIN 100' OF NEW PRV INSTALLATION.
11. 3/4" CHAMFER REQUIRED ON ALL EXPOSED EDGES OF CONCRETE PADS (BOTTOM OF PAD EXEMPT).

MATERIAL LIST

1. 10" PRESSURE REDUCING VALVE (SEE NOTE 6)
2. 6" PRESSURE REDUCING VALVE (SEE NOTE 6)
3. 10" FLG GATE VALVE (NRS)
4. 10" – 90° FLANGED BEND
5. 10" x 6" FLANGED TEE W/ 2" NPT (TOP) AND 3/4" NPT (SIDE), SEE X/IDX
6. 6" FLG GATE VALVE (NRS)
7. APPROVED INSULATED ENCLOSURE WITH HINGED ROOF (CONTRACTOR TO SUBMIT SHOP DRAWINGS)
8. 10" FLG DISMANTLING JOINT (RESTRAINED), ROMAC DJ405 FULLY TELESCOPING WITH NO INTERNAL STOPS
9. 10" FLG x PE DUCTILE IRON PIPE, PC350 (CUT TO FIT)
10. 10" RESTRAINED FLANGE COUPLING ADAPTER W/ INSULATING FLANGE KIT
11. 6" FLG x PE DUCTILE IRON PIPE, PC350 (CUT TO FIT)
12. 10" FLG x FLG DUCTILE IRON PIPE, PC350 (1'-0")
13. 6" – 90° FLANGED BEND
14. 6" 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
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 (LVVWD PROPERTY) (48"H x 16"W x 17"D), SEE X/EDX
27. GROUNDWELL SYSTEM, SEE X/EDX
28. POWER SERVICE CONDUIT (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 "LVVWD 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 #4/0 GROUNDWELL WIRE. 12" OF EXCESS GROUND WIRE TO BE LEFT INSIDE POWER PEDESTAL.



SECTION A/-

10" x 6" PRV ASSEMBLY WITH FUTURE POWER AND TELEMETRY

SCALE: 1/2"=1'-0" PRV05-2 110520