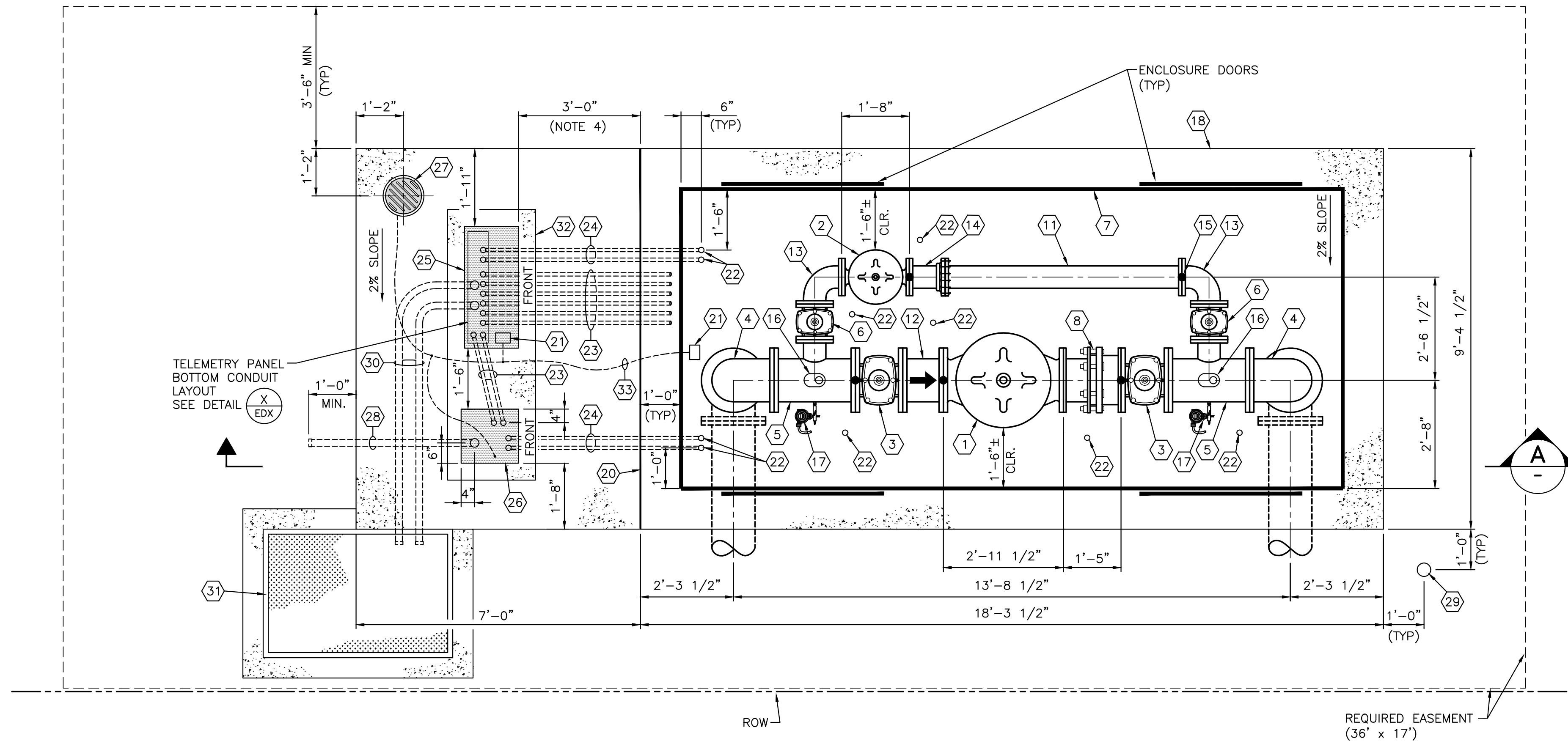
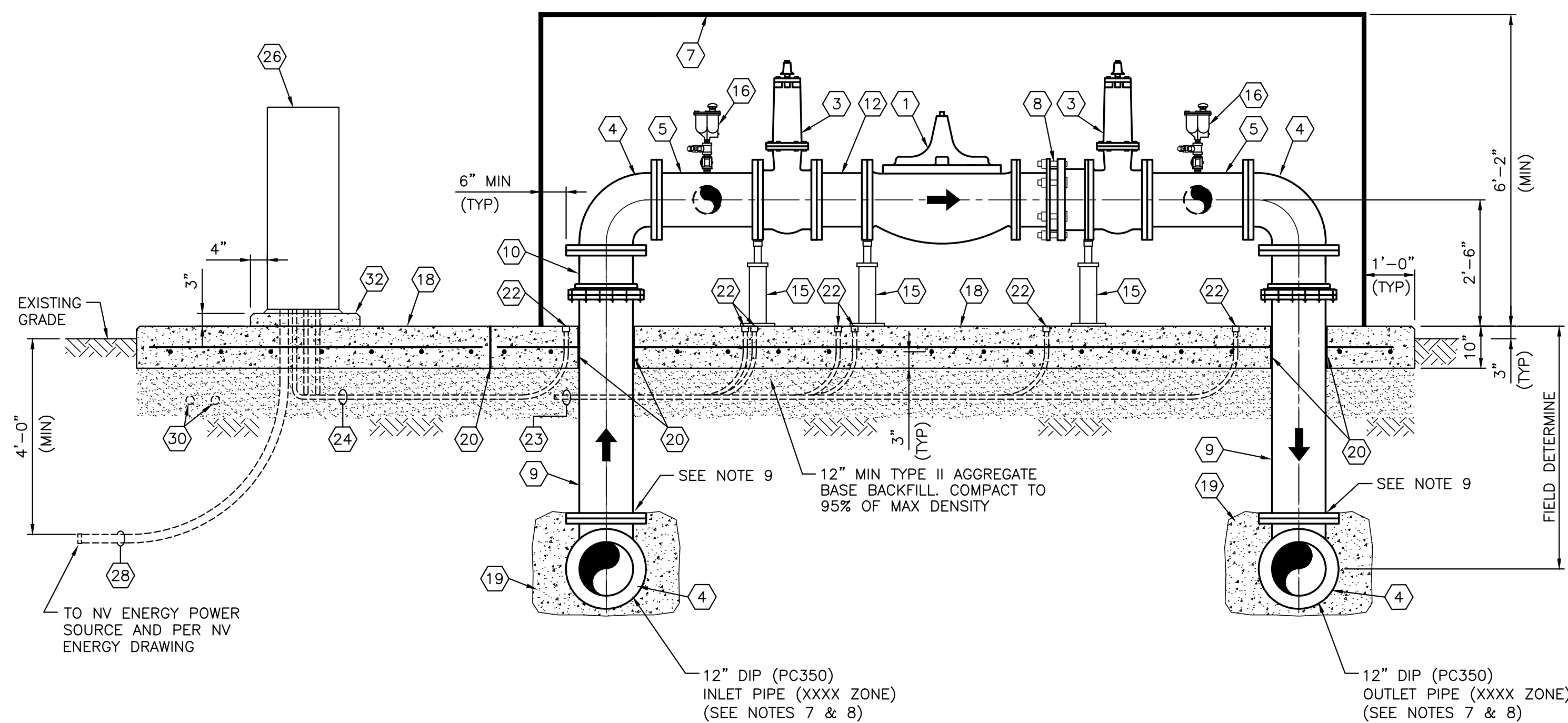




- NOTES:**
- PRESSURE REDUCING VALVE SETTINGS:**
12" PRV = XX PSI
6" PRV = XX PSI
 - CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY AND ALL DAMAGED OR DISTURBED EXISTING LANDSCAPING, IN AND ADJACENT TO PROJECT SITE, DURING CONSTRUCTION OPERATIONS.
 - PRESSURE REDUCING ASSEMBLY AND ABOVE GROUND PIPING 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
 - 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).

MATERIAL LIST

- | | |
|--|---|
| 12" PRESSURE REDUCING VALVE (SEE NOTE 6) | 1" CONDUIT RISER, SEE |
| 6" PRESSURE REDUCING VALVE (SEE NOTE 6) | 1" PVC CONDUITS W/PVC COATED RGS ELBOWS (12" RADIUS), SEE |
| 12" FLG GATE VALVE (NRS) | 1" PVC CONDUITS W/PVC COATED RGS ELBOWS AND PULL WIRE (12" RADIUS)(SPARES), SEE |
| 12" - 90° FLANGED BEND | TELEMETRY ENCLOSURE WITH SUNSHIELD (48"H x 36"W x 18"D), SEE |
| 12" x 6" FLANGED TEE W/ 2" NPT (TOP) AND 3/6" NPT (SIDE), SEE | POWER SERVICE PEDESTAL (LVWD PROPERTY) (48"H x 16"W x 17"D), SEE |
| 6" FLG GATE VALVE (NRS) | GROUNDWELL SYSTEM, SEE |
| APPROVED INSULATED ENCLOSURE WITH HINGED ROOF (CONTRACTOR TO SUBMIT SHOP DRAWINGS) | POWER SERVICE CONDUIT (3" MIN.) PER NV ENERGY REQUIREMENTS |
| 12" FLG DISMANTLING JOINT (RESTRAINED), ROMAC DJ405 FULLY TELESCOPING WITH NO INTERNAL STOPS | 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 AND |
| 12" FLG x PE DUCTILE IRON PIPE, PC350 (CUT TO FIT) | 2" PVC CONDUITS FOR FIBER OPTIC, ROUTE TO PULLBOX |
| 12" RESTRAINED FLANGE COUPLING ADAPTER W/ INSULATING FLANGE KIT | CENTURYLINK 200 BOX W/ H20-44 HINGED ALUMINUM TORSION ASSIST LIDS WITH 180° LAYBACK CAPABILITY, LID LABELED WITH "LVWD FIBER" WITH 6" MIN. COLLAR |
| 6" FLG x PE DUCTILE IRON PIPE, PC350 (CUT TO FIT) | RAISED CONCRETE PAD FOR TELEMETRY AND POWER ENCLOSURES (26" x 80" MIN) |
| 12" FLG x FLG DUCTILE IRON PIPE, PC350 (1'-0") | #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. |
| 6" - 90° FLANGED BEND | |
| 6" RESTRAINED FLANGE COUPLING ADAPTER | |
| ADJUSTABLE PIPE SUPPORT | |
| 1" COMBINATION AIR VALVE ASSEMBLY, SEE | |
| PRESSURE TRANSMITTER ASSEMBLY, SEE | |
| 10" THICK CONCRETE PAD (4,500 PSI) REINFORCED W/#4 BARS @ 12"O.C. | |
| CONCRETE THRUST BLOCK, SEE | |
| 1/2" EXPANSION JOINT MATERIAL | |
| BOLT EQUIPMENT GROUNDING PLATE TO SLAB, SEE | |



SECTION

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

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

PRV06-2

110520