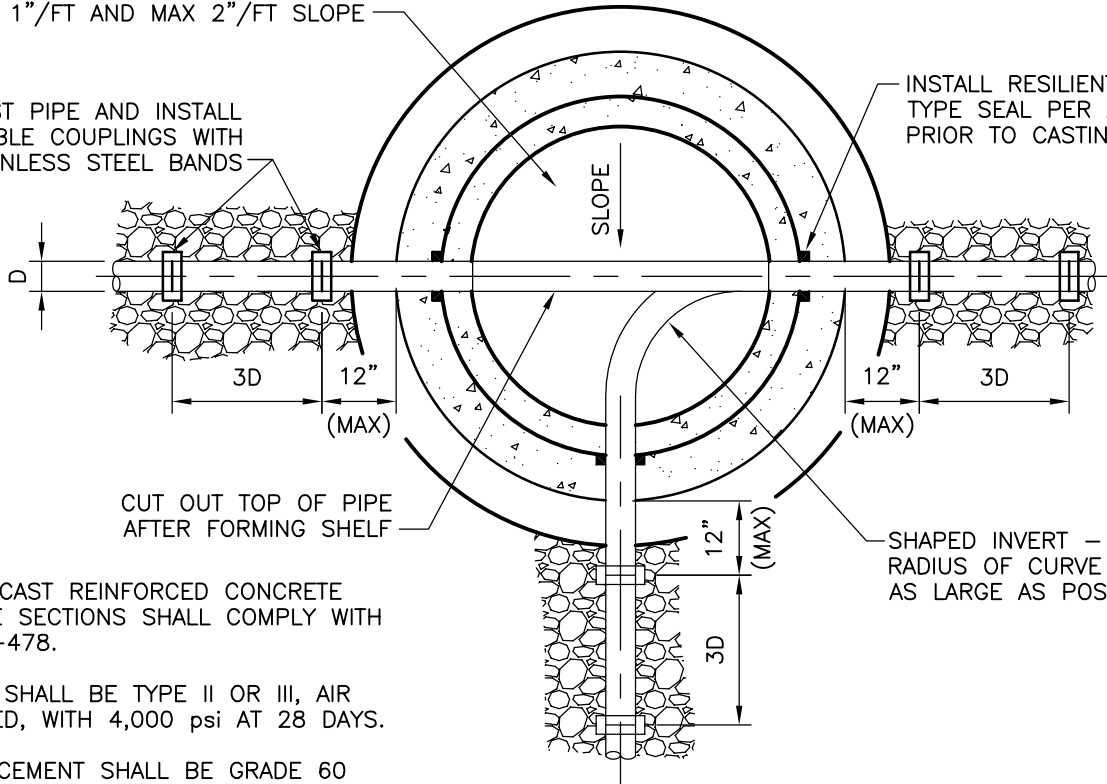


FORM CHANNEL TO FULL DEPTH OF PIPE w/ CONCRETE AND PROVIDE SMOOTH FINISH. BENCH SHALL HAVE MIN 1"/FT AND MAX 2"/FT SLOPE

CUT EXIST PIPE AND INSTALL FLEXIBLE COUPLINGS WITH STAINLESS STEEL BANDS

INSTALL RESILIENT GASKET TYPE SEAL PER ASTM C-923 PRIOR TO CASTING BASE



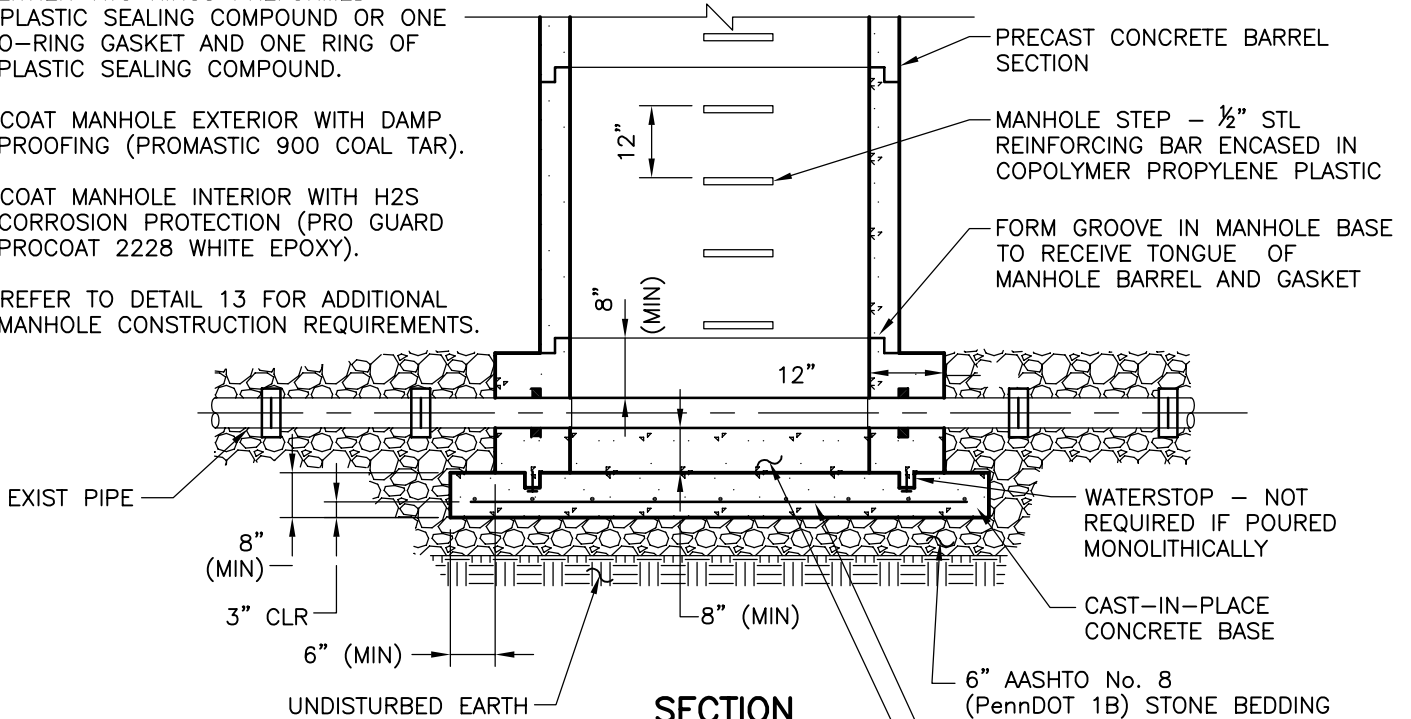
CUT OUT TOP OF PIPE AFTER FORMING SHELF

SHAPED INVERT - RADIUS OF CURVE TO BE AS LARGE AS POSSIBLE

NOTES:

1. ALL PRECAST REINFORCED CONCRETE MANHOLE SECTIONS SHALL COMPLY WITH ASTM C-478.
2. CEMENT SHALL BE TYPE II OR III, AIR ENTRAINED, WITH 4,000 psi AT 28 DAYS.
3. REINFORCEMENT SHALL BE GRADE 60 PER ASTM A-615.
4. ALL JOINTS SHALL BE SEALED WITH EITHER TWO RINGS PREFORMED PLASTIC SEALING COMPOUND OR ONE O-RING GASKET AND ONE RING OF PLASTIC SEALING COMPOUND.
5. COAT MANHOLE EXTERIOR WITH DAMP PROOFING (PROMASTIC 900 COAL TAR).
6. COAT MANHOLE INTERIOR WITH H2S CORROSION PROTECTION (PRO GUARD PROCOAT 2228 WHITE EPOXY).
7. REFER TO DETAIL 13 FOR ADDITIONAL MANHOLE CONSTRUCTION REQUIREMENTS.

PLAN



SECTION

**CAST-IN-PLACE BASE
NEW MANHOLE OVER EXISTING SEWER**

DETAIL

NO SCALE

