LOW-PRESSURE LATERAL
(SEE DETAIL 8)

LOW PRESSURE
SEWER

PRECAST
CONCRETE
MANHOLE

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 f’c=4,000 psi AT 28
DAYS.

3. REINFORCEMENT SHALL BE GRADE 60 PER
ASTM A-615.

4. 24" DIA CAST IRON FRAME AND COVER
PER ASTM A-48, CLASS 30, FOR H-20
LOADING.

5. CAST IRON FRAME TO BE BOLTED TO
MANHOLE WITH 5/8" ANCHOR BOLTS.

6. CASTING AND GRADE RINGS TO BE SEALED
TO MANHOLE WITH WATERPROOF MORTAR
OR PREFORMED PLASTIC SEALING
COMPOUND.

7. ALL JOINTS SHALL BE SEALED WITH
PREFORMED PLASTIC SEALING COMPOUND.

8. COAT MANHOLE EXTERIOR W/DAMP
PROOFING (PROMASTIC 900 COAL TAR).

9. PRECAST CONCRETE GRADE
ADJUSTMENT
RINGS SHALL BE ONE PIECE (NO
SEMI-CIRCULAR SECTIONS) AND SHALL
HAVE A MINIMUM THICKNESS OF 2 INCHES.

PLAN

SECTION

LOW-PRESSURE SEWER
TERMINAL CLEANOUT MANHOLE

DETAIL
NO SCALE