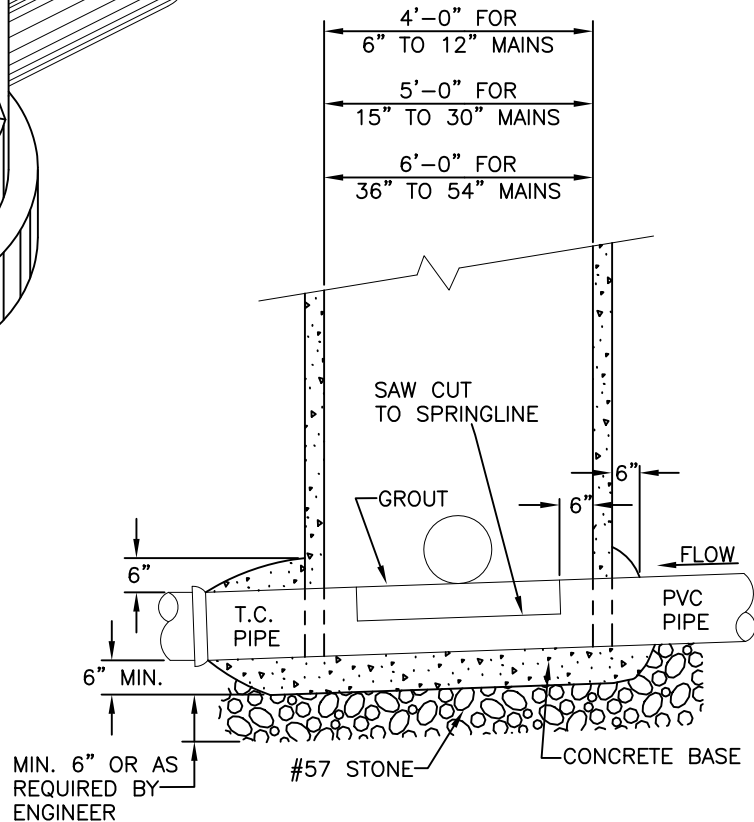


WATER TIGHT SEAL AROUND  
EXISTING SEWER MAIN

ISOMETRIC VIEW



CROSS-SECTION

NOTES:

1. MANHOLE TO BE SET ON CONCRETE BASE AND BASE TO BE ONE POUR.
2. FOR VITRIFIED CLAY PIPE, CONCRETE SHALL BE POURED TO NEXT EXISTING JOINT (BOTH SIDES OF MANHOLE).
3. PIPE OPENING SHALL BE PRECAST BY MANUFACTURER.
4. FLOW SHALL BE MAINTAINED DURING CONSTRUCTION.
5. MINIMUM OF 4000 PSI CONCRETE REQUIRED.
6. THE CONTRACTOR SHALL PROVIDE A MINIMUM 6" COMPACTED #57 STONE BASE.
7. INVERT TO BE BUILT FROM PROPOSED PIPE TO EFFLUENT PIPE, ACCORDING TO DETAIL ON INVERTS.



SAB  
APPROVED BY:

KFM  
DRAWN BY:

DATE: 10/23/2018

DOGHOUSE MANHOLE INSTALLATION  
OVER EXISTING SEWER MAIN

DURHAM COUNTY, NORTH CAROLINA  
ENGINEERING DEPARTMENT

SCALE:  
NTS

DETAIL NO.  
DUCO - 012