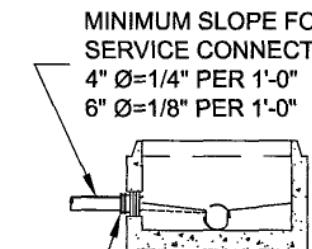


-
- Diagram illustrating the connection between a precast hole and a flexible boot assembly.
- PRECAST HOLE (TYP.)
 - 4'-0"
 - GROUT ANNULAR SPACE (TYP. INLET & OUTLET)
 - FLEXIBLE BOOT WITH STAINLESS STEEL BAND (TYP.)
 - SECTION A-A



4' STANDARD MANHOLE
FOR PIPE 15" OR SMALLER
(FOR DEPTHS UP TO 15 FEET)

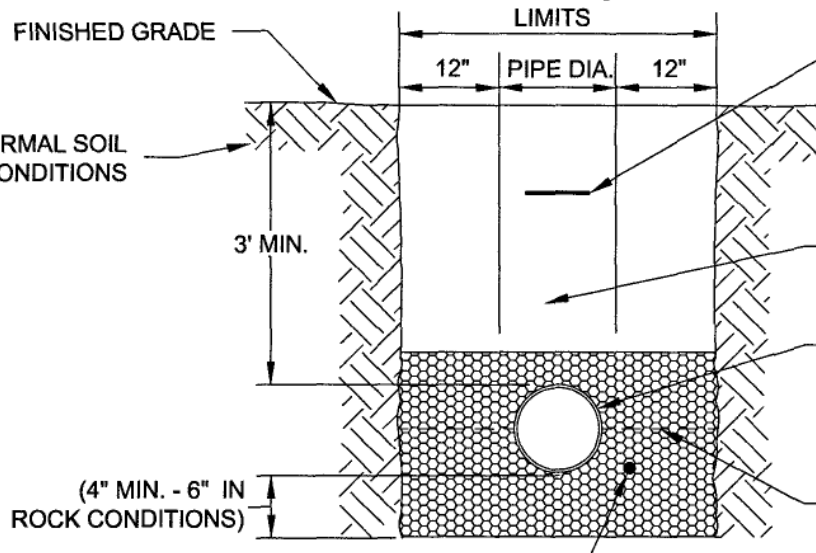
S-1

- * ONLY ALLOWED WITH WRITTEN APPROVAL OF PARTICIPATING UTILITY

ANCHOR BLOCK

G-10

-
- 3/4" Ø SS THREADED ROD
(IF ADJUSTMENT RINGS
ARE REQUIRED)
- 7" MIN.
- 12" MIN.
- 4'-0"
- 6'-0"
- FLEXIBLE BOOT
WITH STAINLESS
STEEL BAND
- 1'-4"
Max.
- 6" MIN. STONE BASE
#57 OR EQUIVALENT



BEDDING AND BACKFILL OUTSIDE OF PAVED AREAS

G-1

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SANITARY SEWER LATERAL

S-6

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**BEDDING AND BACKFILL
UNDER PAVEMENT AND IN RIGHT-OF-WAY**

G-1

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- Diagram illustrating the installation of a cleanout for a private force main, showing the connection to the main line or manhole.
- Labels and Components:**
- PRIVATE PROPERTY
 - RIGHT OF WAY OR EASEMENT LINE
 - 6" HOUSE CLEANOUT FRAME & COVER
 - CAPITOL FOUNDRY BRASS CAP (NON-TRAFFIC) OR VB-8'S (TRAFFIC-BEARING)
 - FINISHED GRADE
 - PLASTIC BODY CLEAN OUT & CAP
 - CLEAN-OUT TO EXTEND ABOVE GROUND A MIN. OF 3 FEET DURING INSTALLATION OF MAIN LINE. PLUMBER SHALL CUT STACK TO FIN. GRADE & REPLACE C.O. & PLUG WHEN PRIVATE FORCE MAIN IS CONNECTED TO LATERAL.
 - 4" CLEAN OUT STACK
 - PRIVATE FORCE MAIN
 - TEE, WYE, TEE/WYE OR COMBINATION OF WYE & 45° BEND FITTINGS SHALL BE SIZED AS PIPES REQUIRE
 - LONG RADIUS 90° BEND
 - 1'-0" MIN.
 - 1/4" PER 1'-0" MIN. GRADE
 - MAIN LINE OR MANHOLE
 - 10'
 - TEE, WYE, TEE/WYE OR COMBINATION OF WYE & 45° BEND FITTINGS SHALL BE SIZED AS REQUIRED.

FORCE MAIN TO
GRAVITY LATERAL CONNECTION

S-8

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VDOT LAND USE PERMIT
OPEN CUT PAVEMENT RESTORATION

G-1

