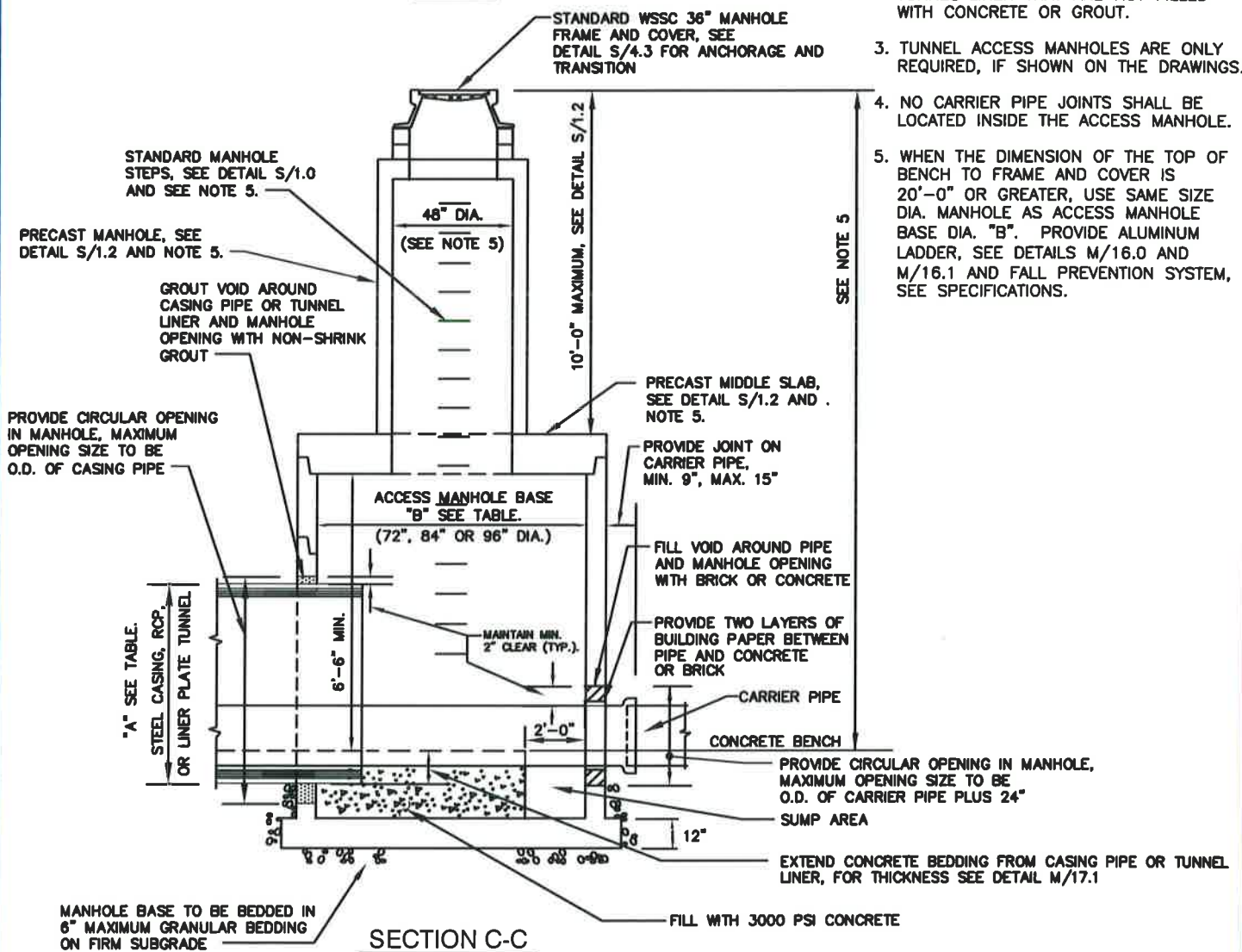


ACCESS MANHOLE BASE DIA.

A	B(MANHOLE DIA.)
36" STEEL CASING	72"
48" STEEL CASING	84"
54" STEEL CASING	84"
60" STEEL CASING	84"
48" RCP	84"
54" RCP	96"
60" RCP	96"

NOTES

1. FOR CASING PIPE OF TUNNEL LINER REQUIREMENTS, SEE DETAILS M/17.1, M/17.2, M/17.3 AND M/17.4.
2. THIS DETAIL IS FOR WATER AND SEWER MAINS INSTALL IN CASING PIPES OR TUNNEL LINER THAT ARE NOT FILLED WITH CONCRETE OR GROUT.
3. TUNNEL ACCESS MANHOLES ARE ONLY REQUIRED, IF SHOWN ON THE DRAWINGS.
4. NO CARRIER PIPE JOINTS SHALL BE LOCATED INSIDE THE ACCESS MANHOLE.
5. WHEN THE DIMENSION OF THE TOP OF BENCH TO FRAME AND COVER IS 20'-0" OR GREATER, USE SAME SIZE DIA. MANHOLE AS ACCESS MANHOLE BASE DIA. "B". PROVIDE ALUMINUM LADDER, SEE DETAILS M/16.0 AND M/16.1 AND FALL PREVENTION SYSTEM, SEE SPECIFICATIONS.



WASHINGTON
SUBURBAN
SANITARY
COMMISSION

APPROVED: 8/18/16

Chief Engineer

STANDARD DETAIL
TUNNEL ACCESS
MANHOLE

M
17.5