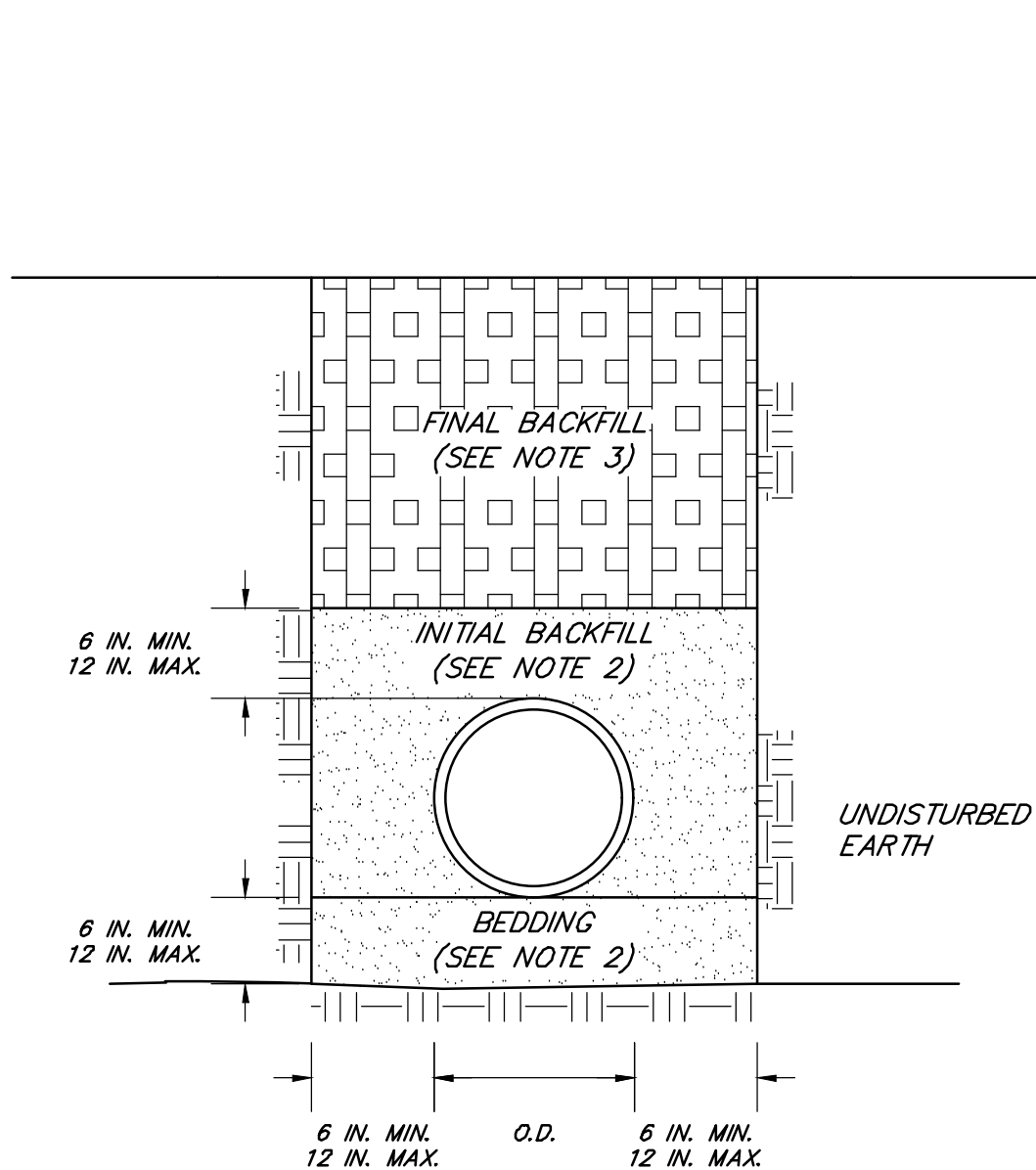


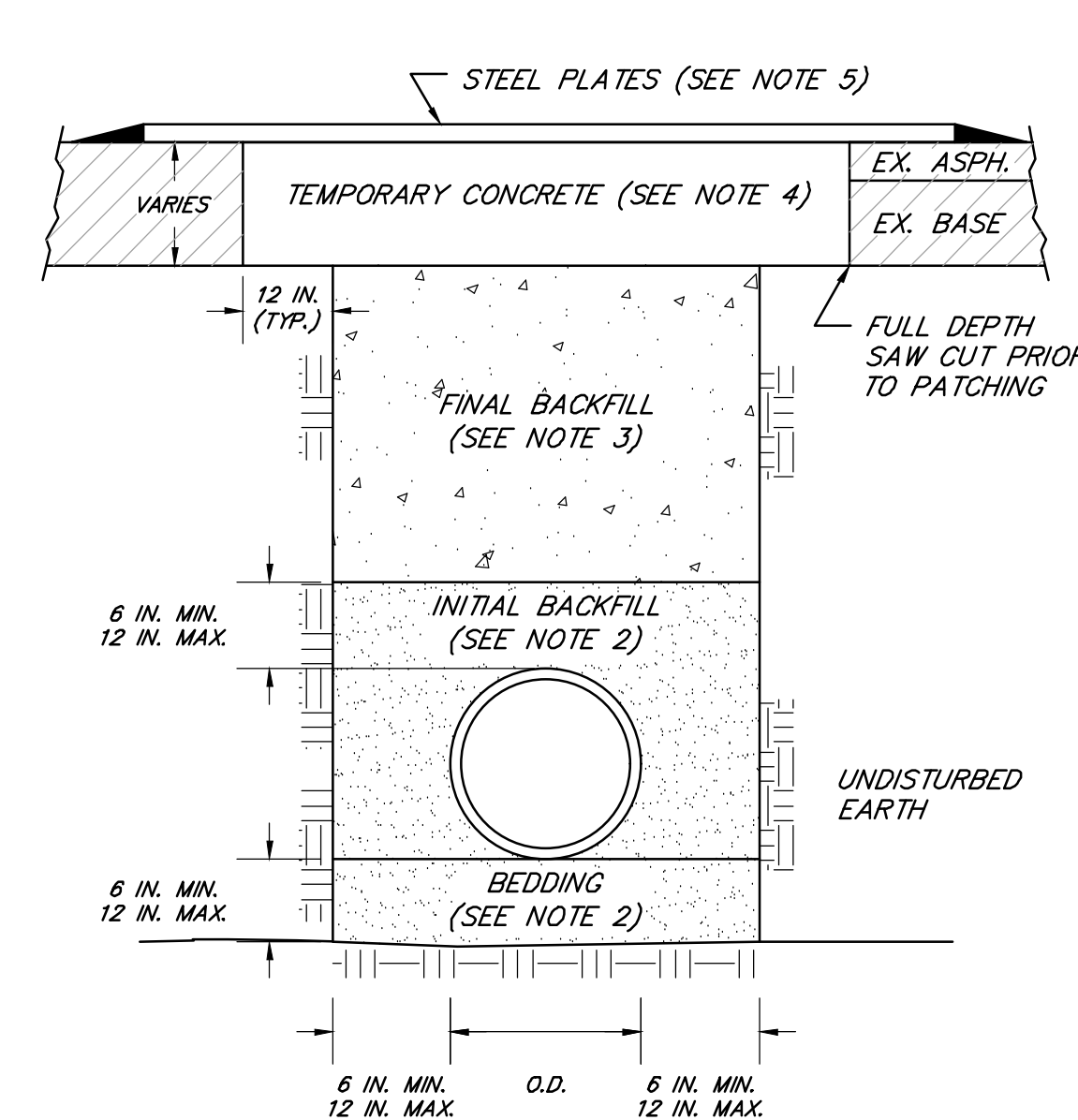
- NOTES:**
- THIS DETAIL SHALL BE USED FOR ALL STORM SEWER AND SANITARY SEWER WITHIN PAVEMENT AND WHERE THE TRENCH IS LOCATED OUTSIDE THE 1:1 INFLUENCE LINE OF THE EDGE OF PAVEMENT OR ANY PERMANENT STRUCTURE.
 - BEDDING MATERIAL SHALL BE #8 TO #57 CRUSHED LESTONE AGGREGATE AND INITIAL BACKFILL MATERIAL SHALL BE #8 TO #57 CRUSHED LESTONE AGGREGATE 6" TO 12" ABOVE THE TOP OF THE PIPE.
 - FINAL BACKFILL MATERIAL SHALL BE ODOT 304 CRUSHED LESTONE AGGREGATE TO PAVEMENT SURGRADE.
 - ASPHALT BASE SHALL BE ODOT ITEM 301 AND ITS THICKNESS SHALL MATCH EX. BASE WITH A MIN. OF 6 IN.
 - ASPHALT SURFACE COARSE SHALL BE ODOT ITEM 448 PG 64-22 AND ITS THICKNESS SHALL MATCH EX. ASPHALT SURFACE COARSE.
 - ALL JOINTS SHALL BE FILLED WITH HOT APPLIED JOINT SEALER IN ACCORDANCE WITH ODOT ITEM 409.02.
 - STEEL PLATES MUST BE ON-SITE AT ALL TIMES AND SHALL BE ADEQUATE SIZE AND THICKNESS TO SPAN THE OPEN TRENCH. IF PLATES ARE TO BE LEFT OVER NIGHT, ALL EDGES SHALL BE TEMPORARILY RAMPED WITH BITUMINOUS ASPHALT MATERIAL.

**STORM & SANITARY SEWER
WITHIN PAVEMENT TRENCH DETAIL**
N.T.S.



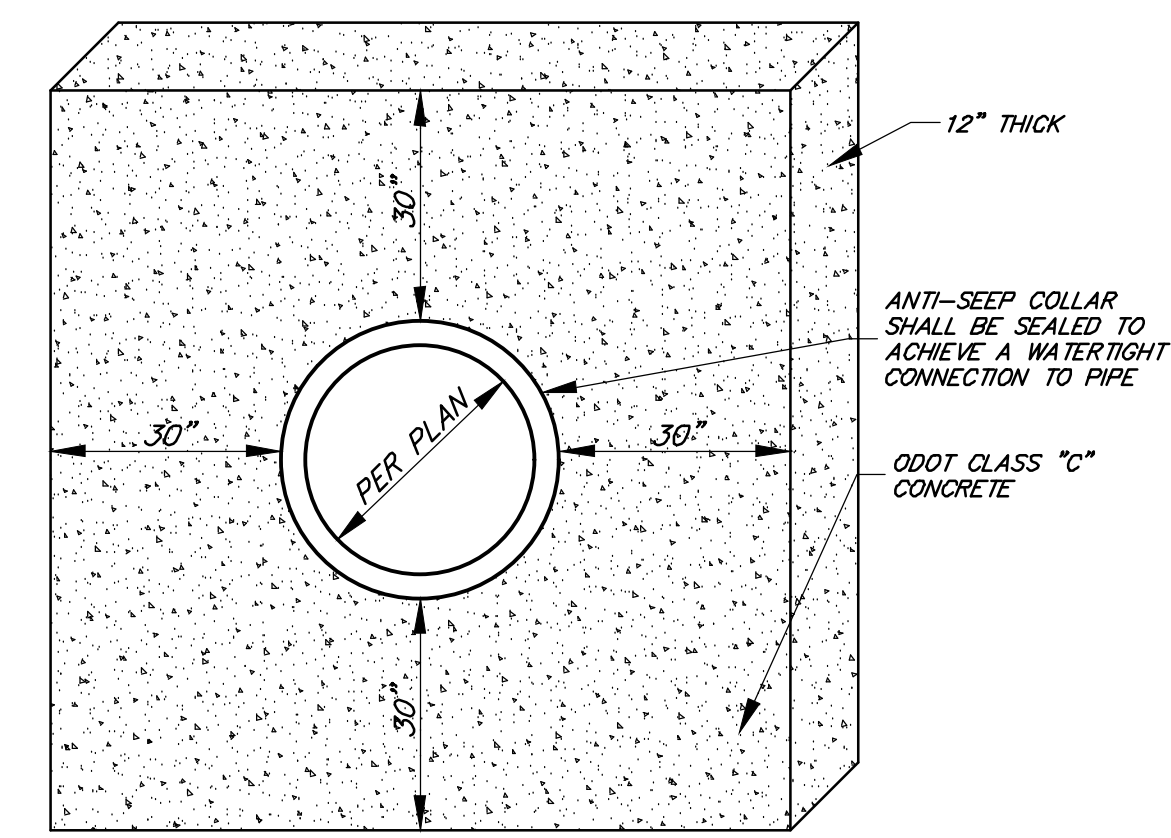
- NOTES:**
- THIS DETAIL SHALL BE USED FOR ALL STORM SEWER AND SANITARY SEWER WITHIN PAVEMENT AND WHERE THE TRENCH IS LOCATED OUTSIDE THE 1:1 INFLUENCE LINE OF THE EDGE OF PAVEMENT OR ANY PERMANENT STRUCTURE.
 - BEDDING MATERIAL SHALL BE #8 TO #57 CRUSHED LESTONE AGGREGATE AND INITIAL BACKFILL MATERIAL SHALL BE #8 TO #57 CRUSHED LESTONE AGGREGATE 6" TO 12" ABOVE THE TOP OF THE PIPE.
 - FINAL BACKFILL MATERIAL SHALL BE SOIL COMPACTED TO 95% MAXIMUM DRY DENSITY.

**STORM & SANITARY SEWER
OUTSIDE PAVEMENT TRENCH DETAIL**
N.T.S.



- NOTES:**
- THIS DETAIL SHALL BE USED FOR TEMPORARY RESTORATION FOR ALL STORM SEWER AND SANITARY SEWER WITHIN PAVEMENT AND WHERE THE TRENCH SHALL BE WITHIN THE 1:1 INFLUENCE LINE OF THE EDGE OF PAVEMENT OR ANY PERMANENT STRUCTURE WHEN HOT MIX ASPHALT IS NOT AVAILABLE.
 - BEDDING MATERIAL SHALL BE #8 TO #57 CRUSHED LESTONE AGGREGATE AND INITIAL BACKFILL MATERIAL SHALL BE #8 TO #57 CRUSHED LESTONE AGGREGATE 6" TO 12" ABOVE THE TOP OF THE PIPE.
 - FINAL BACKFILL MATERIAL SHALL BE ODOT 617 LOW STRENGTH MORTAR TO PAVEMENT SURGRADE.
 - TEMPORARILY INSTALL CLASS C CONCRETE TO A THICKNESS TO MATCH THE EXISTING PAVEMENT THICKNESS. MINIMUM THICKNESS SHALL BE 1".
 - STEEL PLATES MUST BE ON-SITE AT ALL TIMES AND SHALL BE ADEQUATE SIZE AND THICKNESS TO SPAN THE OPEN TRENCH. IF PLATES ARE TO BE LEFT OVER NIGHT, ALL EDGES SHALL BE TEMPORARILY RAMPED WITH BITUMINOUS ASPHALT MATERIAL.

**TEMPORARY STORM & SANITARY SEWER
WITHIN PAVEMENT TRENCH DETAIL**
N.T.S.



- NOTES:**
- ANTI-SEEP COLLAR SHALL BE OF ADEQUATE SIZE TO PREVENT STORMWATER FROM TRAVELING THROUGH THE PIPE TRENCH MATERIAL.
 - CONCRETE MATERIALS SHALL BE PER QHD DEPARTMENT OF TRANSPORTATION REQUIREMENTS.

ANTI-SEEP COLLAR DETAIL
N.T.S.

