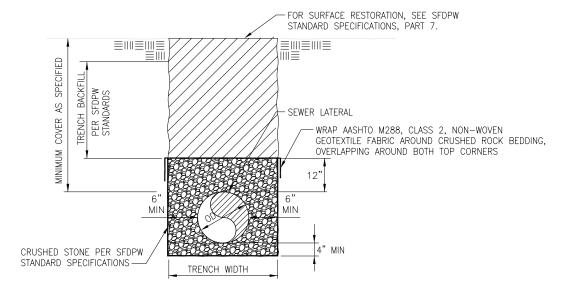


TRENCH DETAIL FOR RIGID PIPE NOT TO SCALE

MAY 2017

- NOTES:
 1. TRENCH SHALL HAVE VERTICAL WALLS IN PIPE ZONE UNLESS NOTED OTHERWISE.
- 2. BACKFILL SHALL BE SUITABLE NATIVE MATERIAL OR IMPORTED BACKFILL MATERIAL PER SFDPW SPECIFICATIONS CAREFULLY PLACED AND MECHANICALLY COMPACTED, PER SFDPW STANDARD SPECIFICATIONS.
- 3. FOR ADDITIONAL INFORMATION ON VCP SEWER LATERALS, SEE ASTM C12 "STANDARD PRACTICE FOR INSTALLING VITRIFIED CLAY PIPE LINES". FOR ADDITIONAL INFORMATION ON HDPE AND ABS SEWER LATERALS, SEE ASTM D2321 "STANDARD PRACTICE FOR UNDERGROUND INSTALLATION OF THERMOPLASTIC PIPE FOR SEWERS AND OTHER GRAVITY-FLOW APPLICATIONS".



TRENCH DETAIL FOR FLEXIBLE PIPE NOT TO SCALE

APPLICABLE TO BOTH COMBINED AND SANITARY SEWER SYSTEMS



SEWER LATERAL STANDARD DETAILS

SAN FRANCISCO PUBLIC UTILITIES COMMISSION