

Place stone backfill in lifts not exceeding 6", and compacted to at least 95% maximum dry density within 2% optimum

moisture (ASTM D 698) with the use of mechanical tampers or vibratory rollers. Water compaction is not permitted.

Type I select material may be used as backfill upon prior approval by the engineer. A qualified testing laboratory shall perform material classification on the actual soil to verify that it meets VDOT specifications, with test results certified

by a Virginia registered Professional Engineer. Compaction requirements are the same as above. A VDOT-certified

technician shall perform all compaction testing and provide results to the inspector within 24 hours of testing

All pavement layers shall be restored to match depths of existing surface, base, and aggregate layers. The asphalt

surface layer shall be a minimum of 2" thick and extend over undisturbed base a minimum of 12" on all sides. All

(BM-25), and stone aggregate (21A or 21B). Plant certification for each mix incorporated into the work shall be

pavement materials shall meet VDOT requirements for surface mix (SM-9.5AL, SM-9.5A, or SM-12.5D), base mix

provided to the Inspector. When matching non-standard materials, the Engineer shall determine an acceptable material.

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The finished patch surface shall be flush with surrounding paved surface or up to 1/4 inch higher.

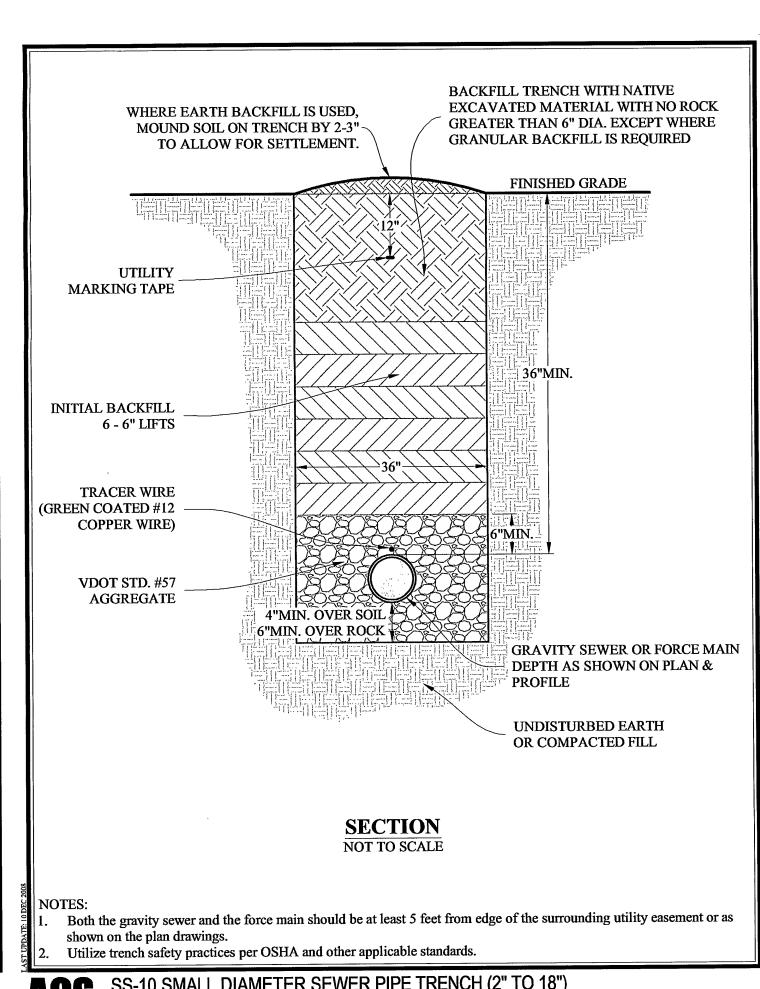
A full coverage tack coat is required on all surfaces that will contact the new surface layer.

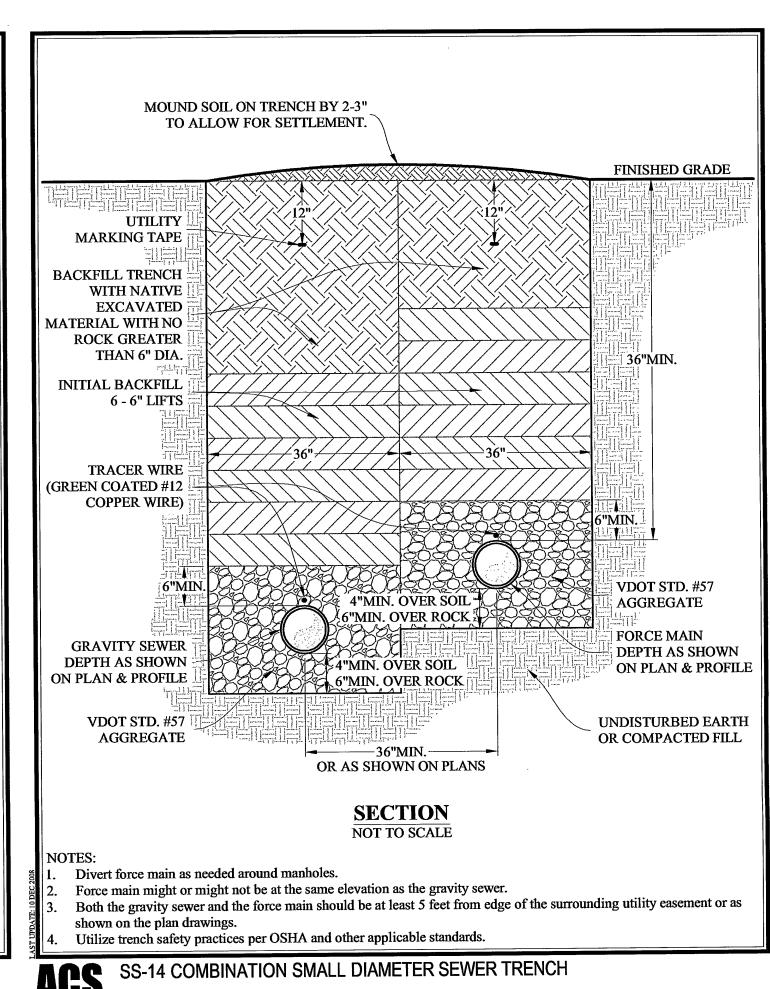
PV-06 CUT AND REPLACE PAVEMENT FOR UTILITY TRENCH

completion. The cost of all testing is the responsibility of the permittee.

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SOLID GLUE CAP 6" CLEANOUT FRAME & COVER PLASTIC BODY CLEANOUT & CAP ROUGH GRADE FINISHED GRADE CLEANOUT STACK (4 IN. MIN.) 45° OR 22½° BELL & SPIGOT BEND (IF NEEDED) 45° WYE & REQUIRED BEND SCHEDULE 40 (SANITARY TEE NOT ACCEPTABLE) OR SDR 35 PVC 1/4" PER 1'-0" _____ MINIMUM GRADE ALTERNATIVE: CONNECT DIRECTLY TO BUILDING AS SHOWN ON PLANS HORIZONTAL SECTION TEE, WYE, TEE/WYE, OR SHALL EXTEND A MINIMUM **COMBINATION OF WYE &** OF 5 FEET OR AS DIRECTED 45° BEND FITTINGS SHALL BY AUTHORITY OR LOCALITY BE SIZED AS REQUIRED COUPLING -MINIMUM 4 INCHES **SECTION** GRAVEL BEDDING NOT TO SCALE Cleanout box shall be Capitol Foundry NPN-CW-18 in non-traffic areas or VB-9-S in traffic areas. Extend cleanout above ground a minimum of 3 feet during installation of main line. Cut stack to finished grade and replace cleanout and plug when building sewer is connected to lateral. All pipe and fittings shall be of similar material. SDR 35 PVC may be used if bedded completely with 8 inches of compacted VDOT standard #57 aggregate. All pipe shall be of same size. No bends are allowed in the lateral from the main to the cleanout stack wye (except as noted). Piping behind cleanout shall be installed per BOCA code. Minimum lateral size shall be 4 inches for residential service and 6 inches for non-residential service. Minimum cover for all sewer laterals shall be three feet. Property owner is responsible for installing cleanout on property line. RAC SS-08 SANITARY SEWER LATERAL





ACS SS-10 SMALL DIAMETER SEWER PIPE TRENCH (2" TO 18") DESIGN www.acsdesignllc.com = engineering = surveying = landscape architecture = construction management DESIGN www.acsdesignllc.com = engineering = surveying = landscape architecture = construction management DESIGN

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LANDSCAPE ARCHITECTURE **CONSTRUCTION MANAGEMENT**

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DESIGNED BY: **CHECKED BY:** 16 JAN 2009 JOB NUMBER: **REVISIONS:**

SHEET NO.: C3.6

SANITARY SEWER