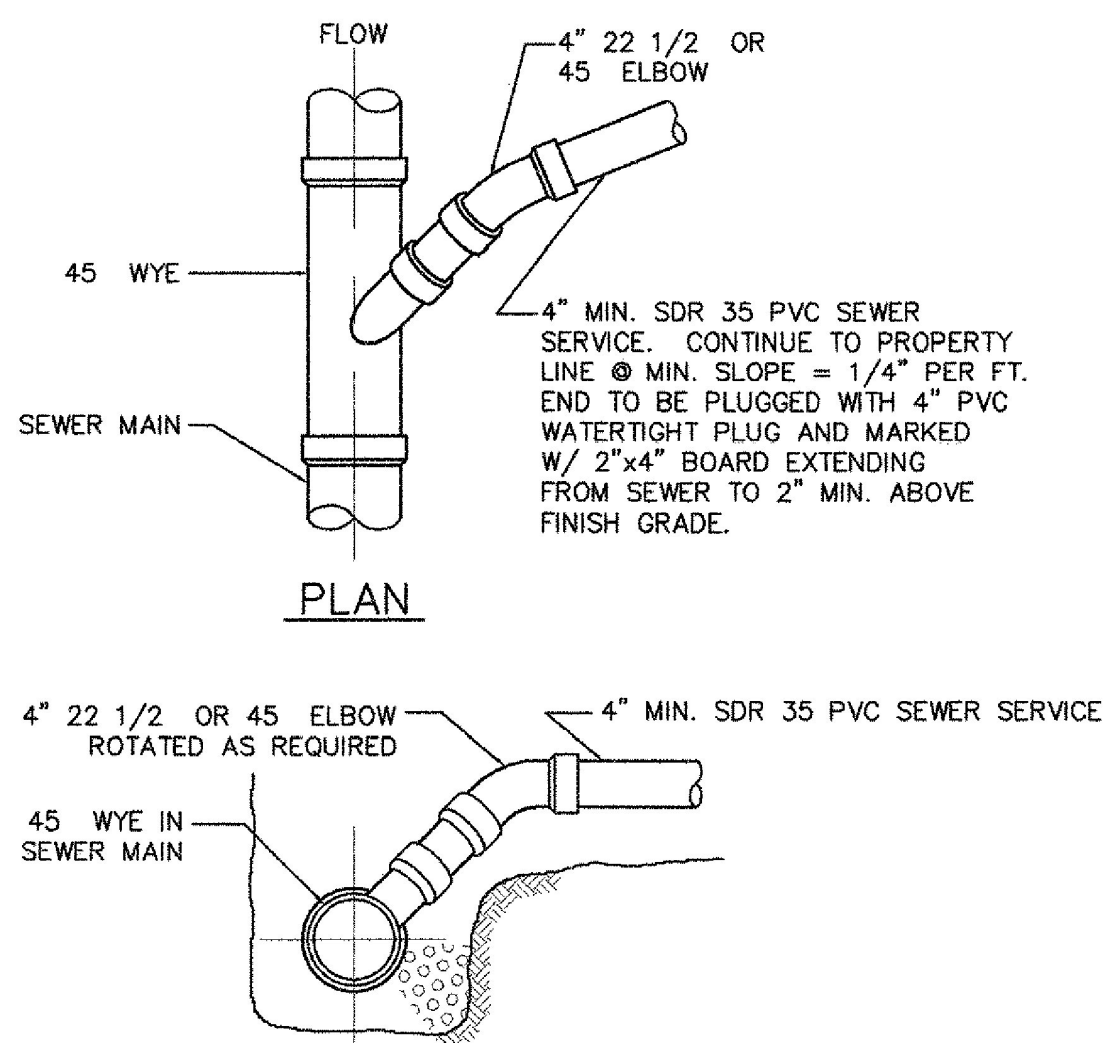


PLAN

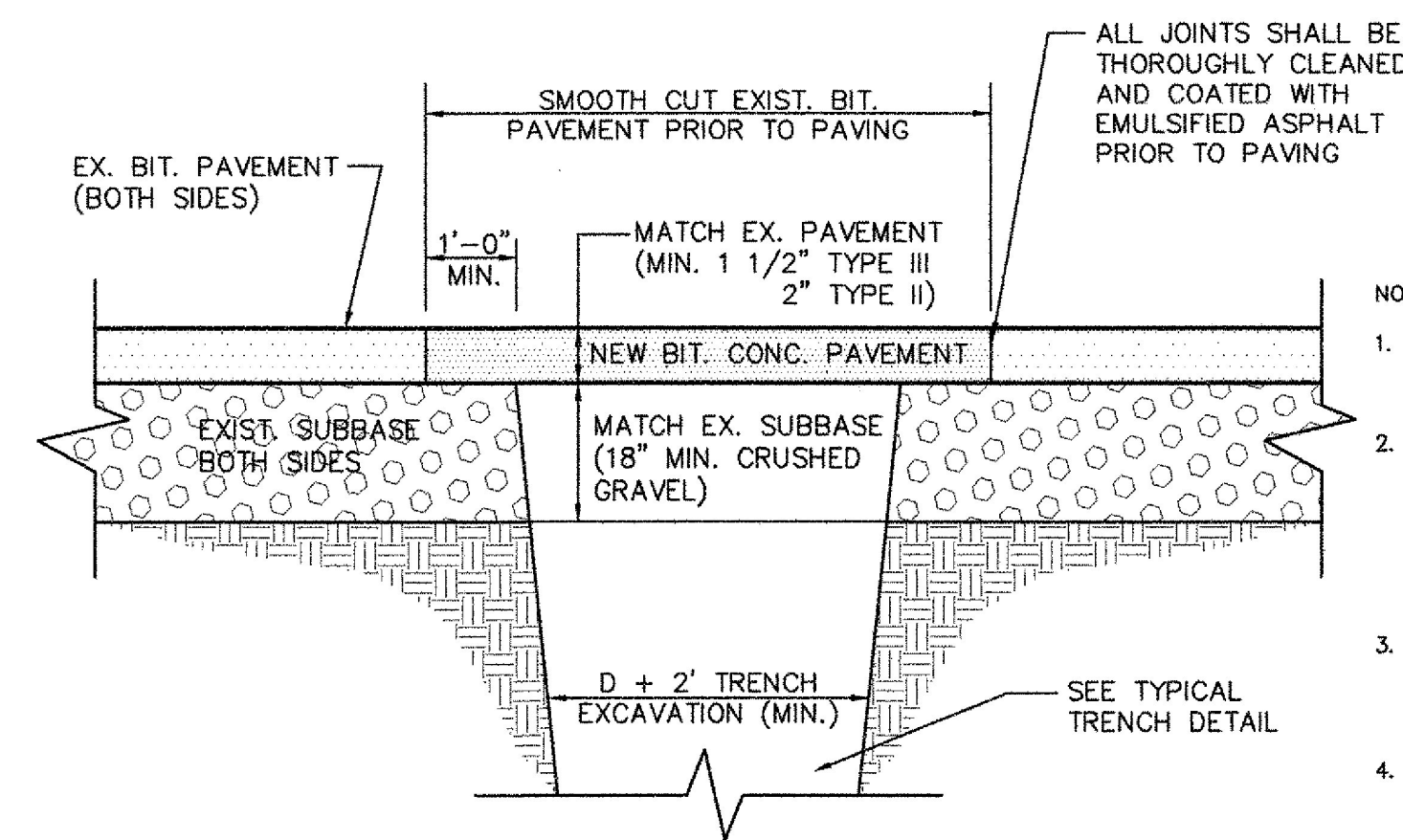


ELEVATION

SEWER SERVICE CONNECTION

N.T.S.

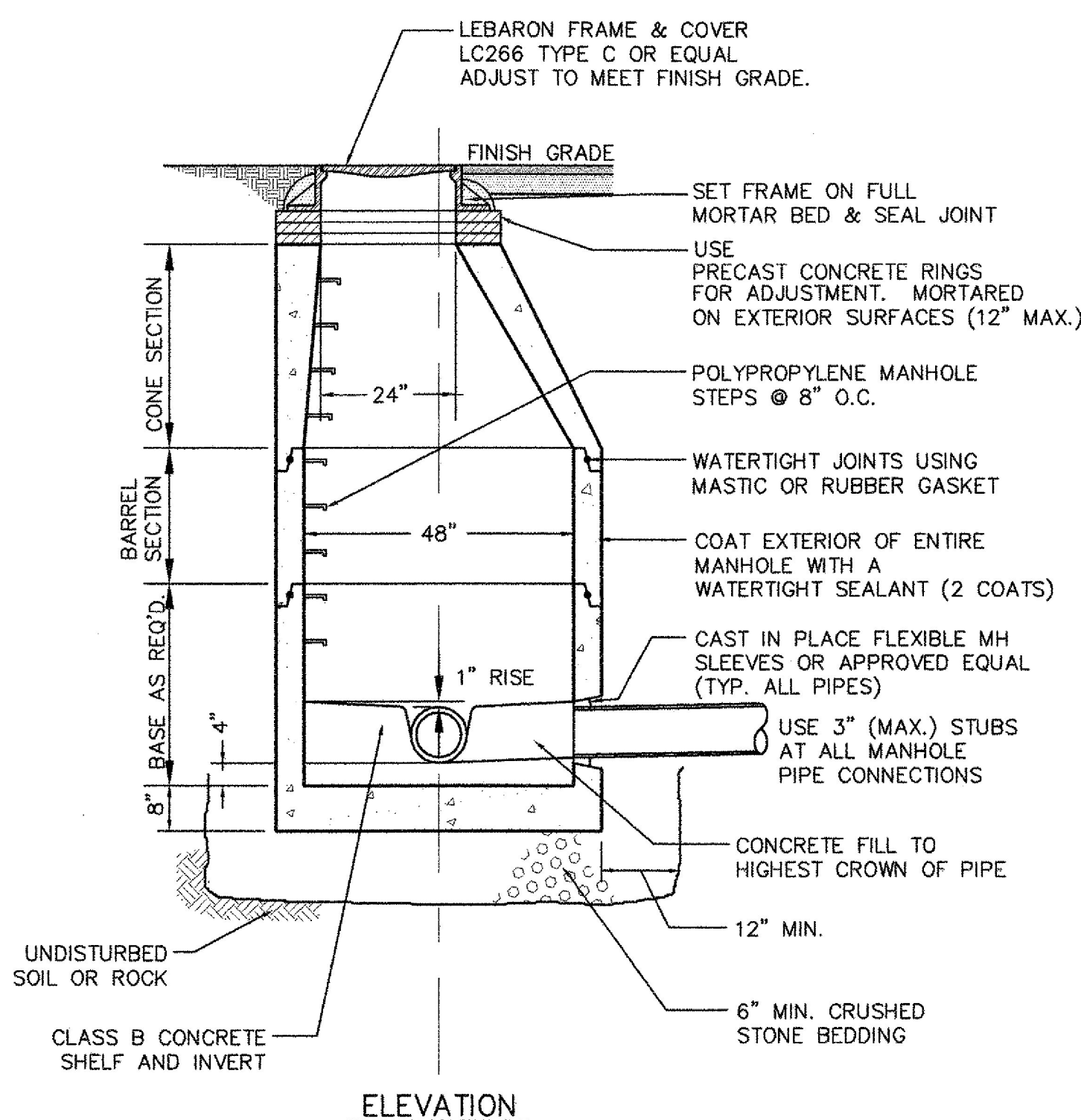
- CONTRACTOR TO PROVIDE 3 LOCATION TIES TO END OF LATERAL TO BE INCLUDED ON "AS-BUILT" DRAWINGS.
- SEE TYPICAL TRENCH FOR BEDDING AND BACKFILL REQUIREMENTS.



REPLACEMENT OF EXIST. PAVEMENT

N.T.S.

- NOTES:
- THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE-WAY TRAFFIC AT ALL TIMES DURING WORK WITHIN THE R.O.W.
 - MAINTENANCE AND PROTECTION OF TRAFFIC DURING WORK WITHIN THE HIGHWAY R.O.W. SHALL BE PROVIDED IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES. THE CONTRACTOR SHALL NOT WORK WITHIN THE R.O.W. WITHOUT APPROPRIATE CONSTRUCTION SIGNING IN PLACE.
 - ALL BACKFILL SHALL BE MADE IN SIX (6") LIFTS AND COMPACTED TO NOT LESS THAN 95% MAXIMUM DRY DENSITY ACCORDING TO ASTM D698.
 - REPLACE EXISTING ROAD STRIPING AS NECESSARY.



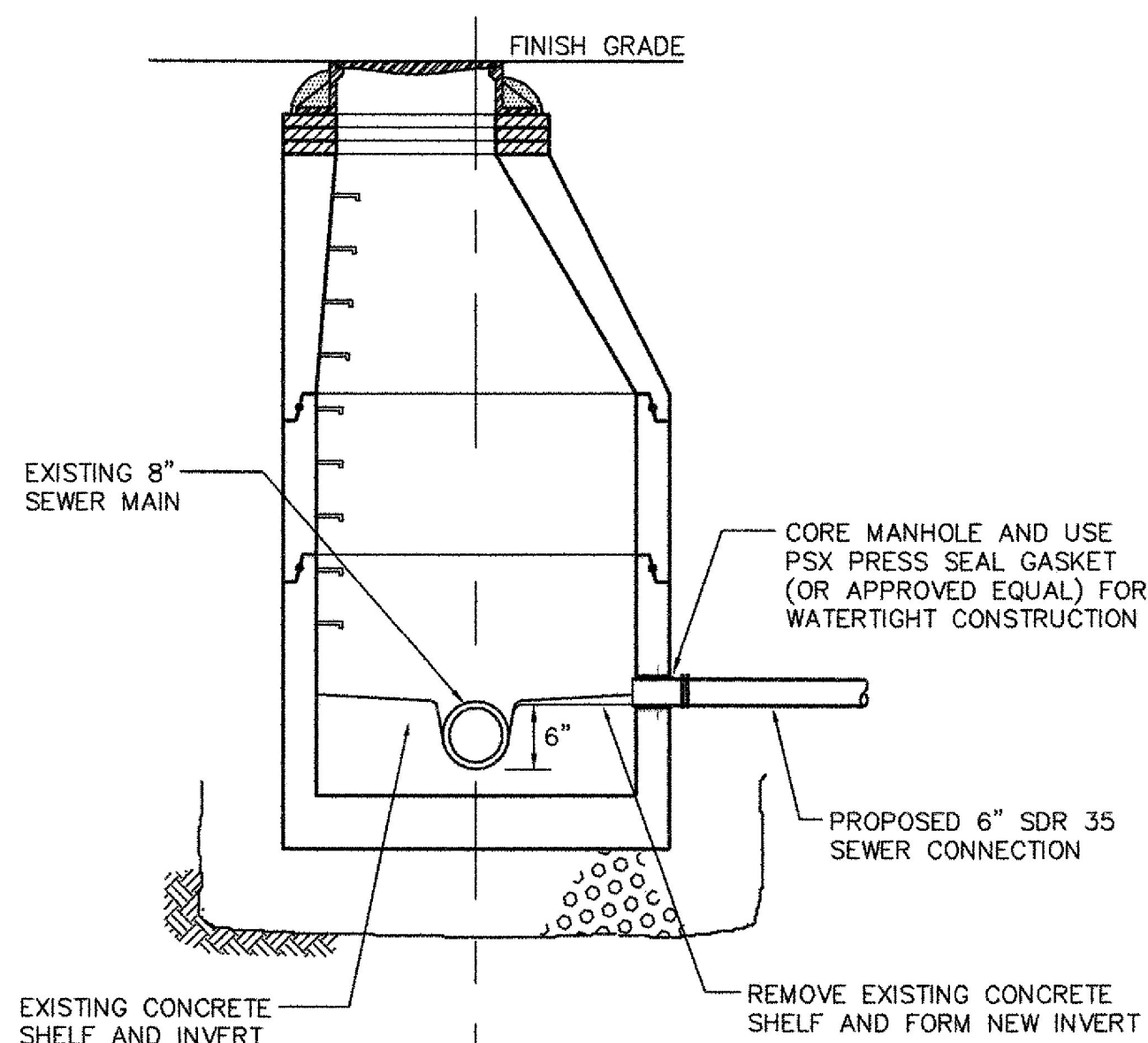
ELEVATION

NOTES:

- INVERTS TO BE CONSTRUCTED ONLY AFTER SUCCESSFUL COMPLETION OF LEAKAGE TEST.
- EXTERIOR JOINTS SHALL BE SEALED ONLY AFTER SUCCESSFUL COMPLETION OF LEAKAGE TEST.
- INTERIOR JOINTS SHALL NOT BE GROUTED.
- IF DEPTH OF MANHOLE IS 7' OR LESS FROM RIM TO CENTERLINE INVERT, THEN A FLAT TOP SHOULD BE SUBSTITUTED FOR THE CONE SECTION.
- GRADE ADJUSTMENT FOR NEW OR EXISTING SEWER MANHOLES SHALL BE MADE WITH CONCRETE RINGS OR NEW BARREL SECTIONS (NO BRICKS SHALL BE USED IN GRADE ADJUSTMENT UNLESS OTHERWISE APPROVED BY THE ENGINEER).

TYPICAL SANITARY SEWER MANHOLE

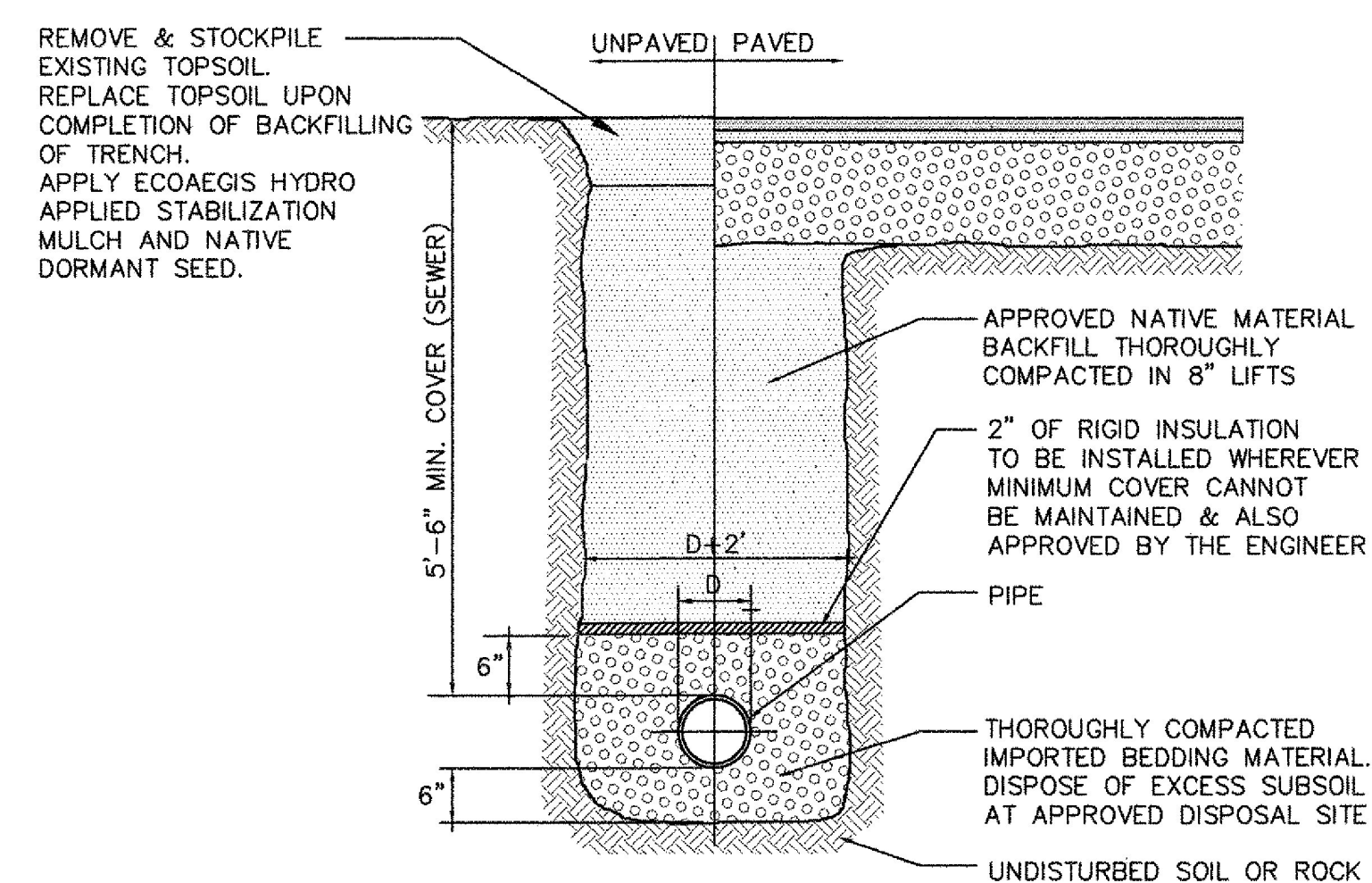
N.T.S.



ELEVATION

CONNECTION TO EXISTING SEWER MANHOLE

N.T.S.



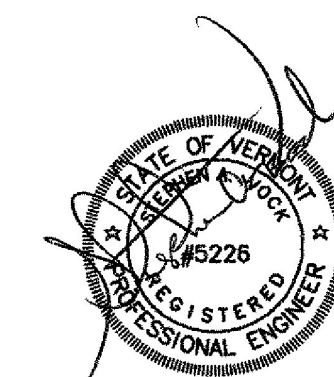
TYPICAL SEWER TRENCH DETAIL

N.T.S.

NOTES:

- Compaction of backfill and bedding shall be a minimum of 90% (95% under roadway surfaces) of maximum dry density determined in the standard proctor test (ASTM D698).
- Bedding material shall not be placed on frozen subgrade.
- Approved backfill shall not contain any stones more than 6" in largest dimension, 2" maximum diameter within 2' of the outside of the pipe, or contain any frozen, wet, or organic material.
- Trenches shall be completely dewatered prior to placing of pipe bedding material and kept dewatered during installation of pipe and backfill.
- In trenches with unstable materials, trench bottom shall first be stabilized by placement of filter fabric then crushed stone (3/4" maximum).
- The sides of trenches 4' or more in depth entered by personnel shall be sheeted or sloped to the angle of repose as defined by O.S.H.A. standards.
- Bedding material shall consist of crushed stone, gravel or sand with a maximum size of 3/4". Submit a sample to the Engineer for approval.

Shelburne NH EGC 019-4 (27)
Sheet 490 of 537



10-20-03		SAV/AJL	REVISED TYPICAL SEWER MANHOLE	Revision	VERMONT
Date	Ch'k'd			Revision	SHELBURNE
Drawn by	ACL	Date	FEB., 2003	SHEET	
Checked by	SAV	Scale	AS NOTED	CIVIL ENGINEERING ASSOCIATES, INC. SHELBURNE, VERMONT	
Approved by	SAV	Project No.	96111	C-25	

P:\AutoCADDD Projects\1999\06111\DETAILS-SPECS.dwg, 10/21/2003 04:12:17 PM