# APPENDIX II

## SANITARY SEWER LATERAL
## AND
## SANITARY SEWER CONNECTION

Before you Dig - Pennsylvania Act 187, Underground Utility Line Protection Law of 1996
Requires You Call Pennsylvania One Call 1-800-242-1776

1. General – Sanitary sewer lateral shall include connection to the public sewer, sight tee, test tee, clean-outs, running trap with fresh air vent, a grease trap where required, and connection to the building drain. Down-spouts, rain conductors, driveway drains, area drains, or french drains shall not be connected to the sanitary sewer lateral.

2. Size - Residential - 4" minimum diameter pipe that is installed to a minimum slope of 1/4" per foot. Non-Residential - 6" minimum diameter pipe that is installed to a minimum slope of 1/8" per foot.

3. Materials – The sanitary sewer lateral shall be Schedule 40 solid core PVC, except in the case of 6" pipe that may be SDR 35 or Schedule 40 solid core PVC. A running trap the same size as the sanitary sewer lateral with a vent pipe and plastic mushroom vent cap shall be installed no less than two (2) and no more than five (5) feet from the outer face of the outside wall. The pipe as it exits the building wall shall be installed at a minimum depth of 48". Vent pipes and clean-outs are not permitted to be located in driveways, cartpaths, walkways or other finished surface areas unless prior approval is granted by the Authority. The vent cap shall be installed 6" above grade to prevent the inflow of water into the sanitary sewer lateral.

   Food preparation establishments and other establishments at the discretion of the Authority shall install grease traps of a style and size acceptable to the Authority. Sinks in food preparation areas of these establishments shall also have under-sink grease traps.

4. Clean-Outs and Directional Changes - Clean-outs, consisting of a wye branch fitting, a curved fitting, riser pipe and a watertight cap are required every 100 feet or at all directional changes greater than 45 degrees. No 90 degree bends shall be permitted. No exceptions.

5. Adapters - Approved adapters as manufactured by Fernco, Inc., or approved equivalent, may be used to connect pipe joints, reduce 6" pipe to 4" and connect the building drain to the running trap. All adapters shall be stainless steel shielded couplings with stainless steel clamps or must be encased in concrete.

6. Installation - Before digging the trench, the installer should expose the sanitary sewer connection and the building drain. Trench width shall be kept to a minimum width and have uniform slope as near as possible at right angles to the street. Excavate all trenches

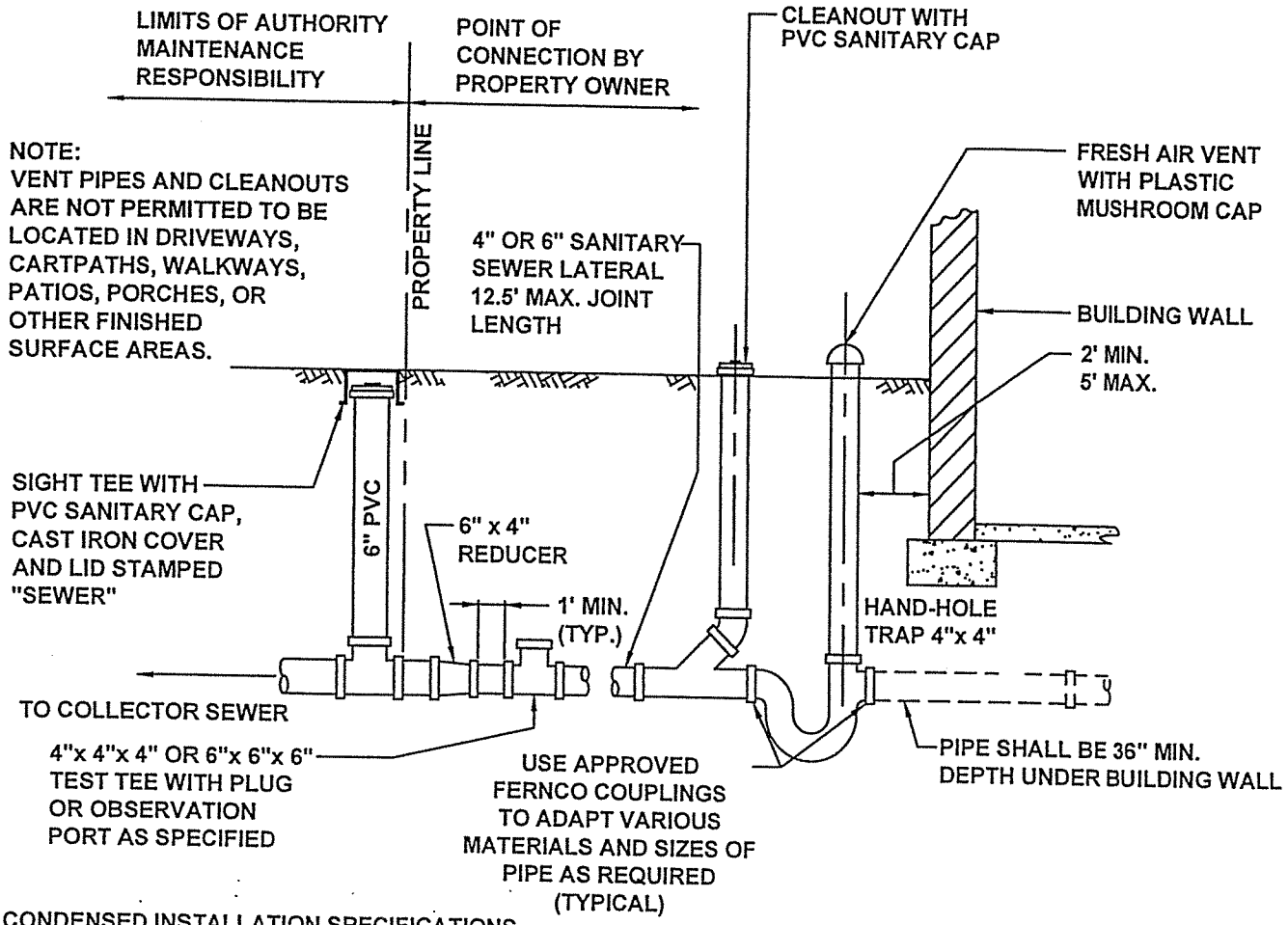
at least 6" below the bottom of the pipe. gravel size (2B), in the trench to grade c dirt or water from entering the pipe. Pla ensuring uniform bedding to all sides o backfilled with material from the origina a traffic area must be filled to the level modified. The sanitary sewer lateral tr separation and 18" vertical separation fr gas lines, french drains or storm sewer visually inspect the backfilling of the sani

7. Inspection - The Authority shall be noti the building drain, sanitary sewer lateral be conducted prior to the connection to th sewer lateral are to be inspected at the sa shall be capped prior to inspection. The i 5 minutes without any loss of pressure, o filled sanitary sewer lateral for 5 min recording of pertinent information relatin not be scheduled until all Applications fo do not pass inspection, a fee will be levi sanitary sewer lateral will be scheduled.

8. Final Connection - If a completed conn time of the installation of the sanitary s welded into the end of the lateral and connection is made to the building drain visually inspect the final connection and b

9. Final Inspection - Prior to the issuance o the Authority will conduct a final inspe facilities located within the property hav with Authority specifications. The Auth Inspection Form to be forwarded to Rostr the Occupancy Permit. Any deficiencie corrected prior to the Authority's releas Township.

10. Grinder Pumps - Grinder pumps for ind used only when gravity service is not recommended grinder pump for this type Model DH071, as manufactured by Envi accept all maintenance responsibilities homeowner entering into a service agree pumps and their operation, maintenance not the responsibility of the Authority, but

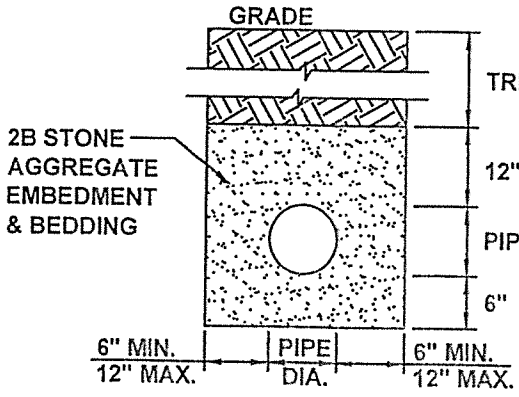



CONDENSED INSTALLATION SPECIFICATIONS

SANITARY SEWER LATERAL AND SANITARY SEWER SERVICE CONNECTIONS SHALL BE INSTALLED BY SKILLED WORKMEN AT THE COST OF THE CUSTOMER IN ACCORDANCE WITH APPENDIX II OF THE RULES AND REGULATIONS DETAILED SPECIFICATIONS OF THE AUTHORITY.

NOTE:

1. ALL PIPE SHALL BE 4" SCH. 40 SOLID CORE PVC OR 6" SCH. 40 SOLID CORE PVC OR SDR-35. SLOPE SHALL BE MIN. 1/4" PER FOOT FOR 4" LINE AND 1/8" PER FOOT SLOPE FOR 6" LINE.
2. CLEANOUTS ARE REQUIRED EVERY 100 FEET AND AT ALL DIRECTIONAL CHANGES GREATER THAN 45 DEGREES.




SEWER SERVICE LINE PIPE:
NOTE: ALL PVC MUST BE SOLID CORE

| MATERIAL | ASTM SPECIFICATIONS JOINT | | | ASTM SPEC. |
|---|---|---|---|---|
| 4" PVC | D-1875 | SCH-40 | SOLVENT WELD | D-2564 |
| 6" PVC | D-3034 | SDR-35 | ELASTOMERIC | D-3212 |

| | | |
|---|---|---|
| ROSTRAVER TOWNSHIP SEWAGE AUTHORITY 1744 Rostraver Road Belle Vernon, PA 15012 | | SERVICE CONNECTION TO SANITARY SEWER LATERAL FROM A NEW INSTALLATION |
| Not to scale | April 2013 | Standard Detail SD-028 |