# 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

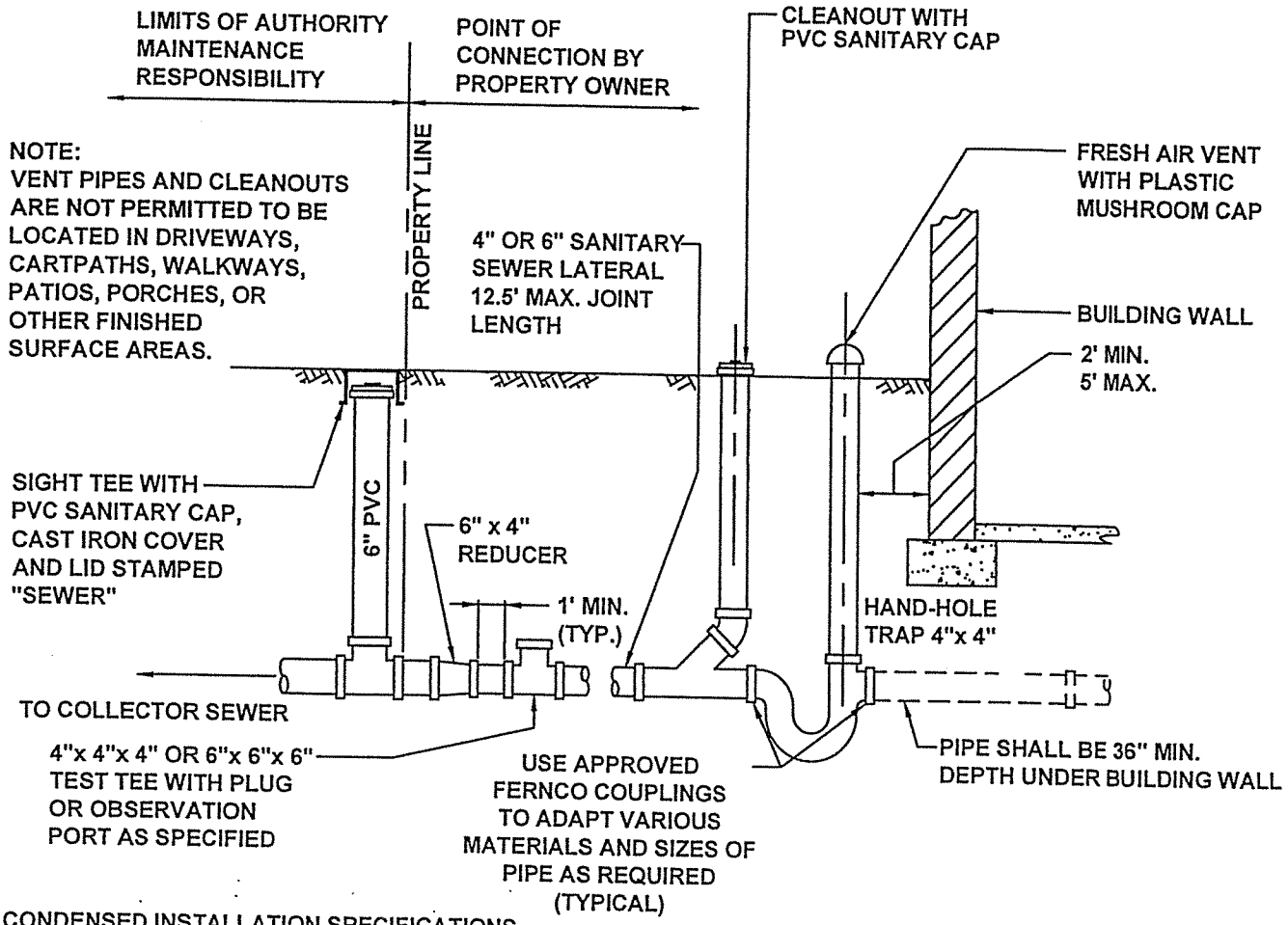
at least 6" below the b
gravel size (2B), in th
dirt or water from ent
ensuring uniform bedc
backfilled with materi
a traffic area must be
modified. The sanitar
separation and 18" ve
gas lines, french drai
visually inspect the ba

7. Inspection - The Autl
the building drain, san
be conducted prior to t
sewer lateral are to be
shall be capped prior t
5 minutes without any
filled sanitary sewer
recording of pertinent
not be scheduled until
do not pass inspection,
sanitary sewer lateral w

8. Final Connection - If
time of the installatio
welded into the end
connection is made to
visually inspect the fin

9. Final Inspection - Prio
the Authority will con
facilities located withi
with Authority specific
Inspection Form to be
the Occupancy Permit
corrected prior to the
Township.

10. Grinder Pumps - Grin
used only when grav
recommended grinder p
Model DH071, as man
accept all maintenanc
homeowner entering in
pumps and their operat
not the responsibility of

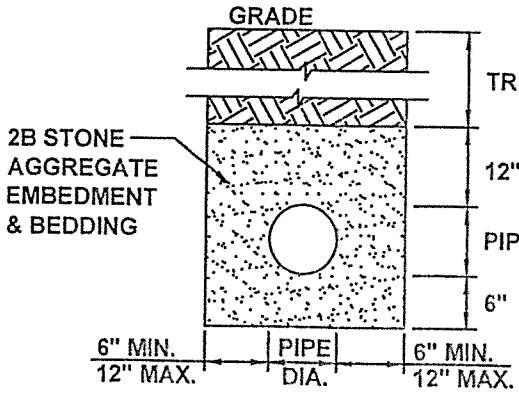



CONDENSED INSTALLATION SPECIFICATIONS

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 |

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|---|---|---|
| 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 |