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. Place
gravel size (2B), in the trench to grade of the pi
dirt or water from entering the pipe. Place 12" o
ensuring uniform bedding to all sides of the pip
backfilled with material from the original excava
a traffic area must be filled to the level of the ex
modified. The sanitary sewer lateral trench sh
separation and 18" vertical separation from othe
gas lines, french drains or storm sewers. An
visually inspect the backfilling of the sanitary sew

7. Inspection - The Authority shall be notified at l
the building drain, sanitary sewer lateral and rela
be conducted prior to the connection to the trap, u
sewer lateral are to be inspected at the same date
shall be capped prior to inspection. The inspectio
5 minutes without any loss of pressure, or a hydr
filled sanitary sewer lateral for 5 minutes, a
recording of pertinent information relating to the
not be scheduled until all Applications for Service
do not pass inspection, a fee will be levied and n
sanitary sewer lateral will be scheduled.

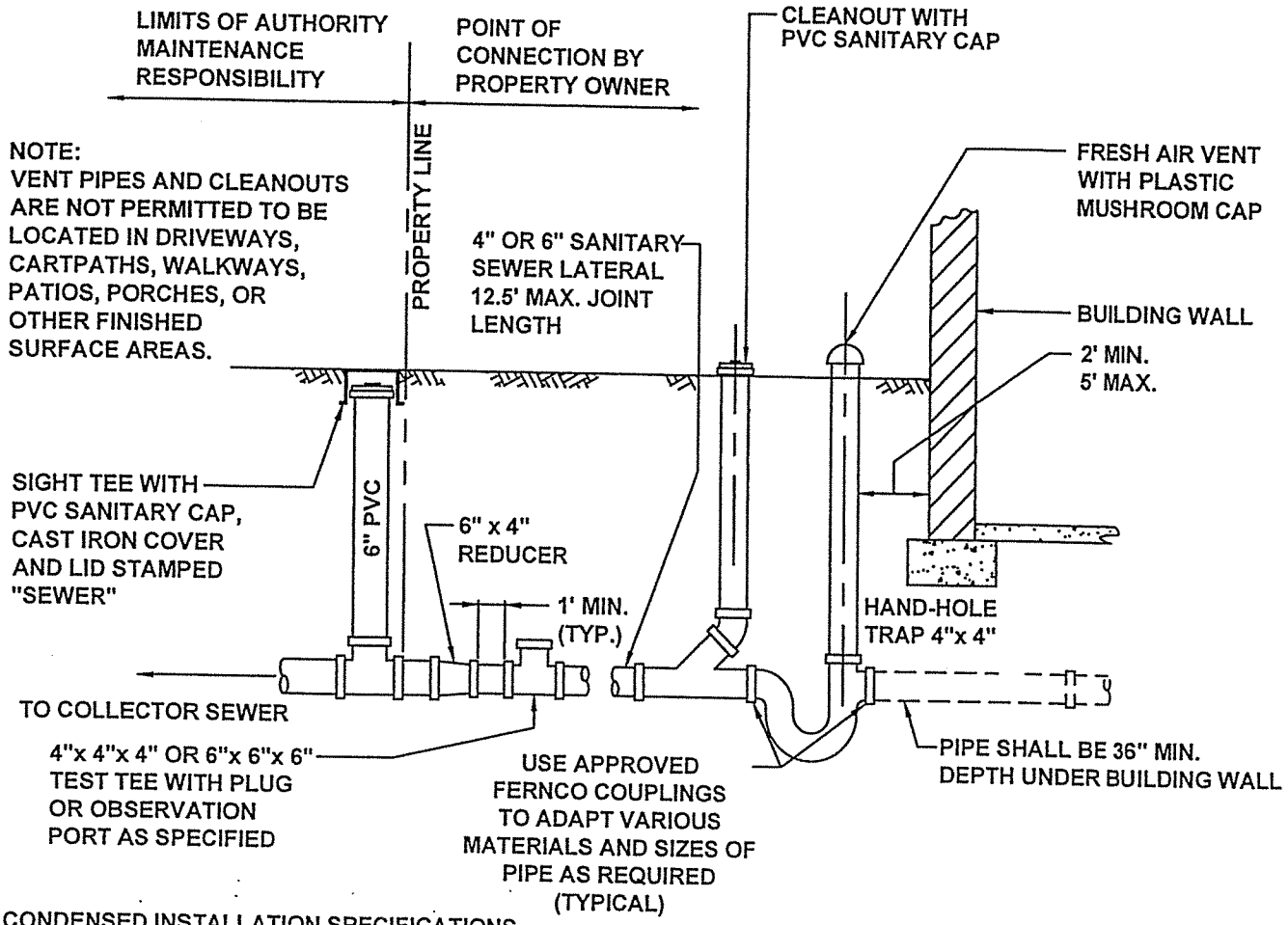
8. Final Connection - If a completed connection t
time of the installation of the sanitary sewer lat
welded into the end of the lateral and shall n
connection is made to the building drain and an
visually inspect the final connection and backfillin

9. Final Inspection - Prior to the issuance of an Occ
the Authority will conduct a final inspection of
facilities located within the property have been i
with Authority specifications. The Authority's in
Inspection Form to be forwarded to Rostraver To
the Occupancy Permit. Any deficiencies cited
corrected prior to the Authority's release of th
Township.

10. Grinder Pumps - Grinder pumps for individual
used only when gravity service is not availal
recommended grinder pump for this type of servic
Model DH071, as manufactured by Environment
accept all maintenance responsibilities for E/
homeowner entering into a service agreement wit
pumps and their operation, maintenance (if not a
not the responsibility of the Authority, but that of t

11. Pressure Sewer Pipe 2-inch and Smalle
be SDR-21 and shall be marked with th
Pressure pipe smaller than 2-inch shall
compression or hose barb using two s
sewer pipe shall be extruded conformin
the requirements of ASTM D-1784. Joi
and have rubber ring seals conforming t

12. Small Diameter Pressure Sewer Service
connection shall be made using a wy
configuration as the sewer at planned p
inch diameter branch connection. Install
and a check valve and 1-½ inch or 1-
installed with a valve box at the propert
inch diameter similar or equal to Muelle
2-inch diameter, Valmatic swing flex fu
approved equal. Valve box shall be Ty
type, No. 664-5 having an extension ran
the lid. Reference Standard Details SD-0

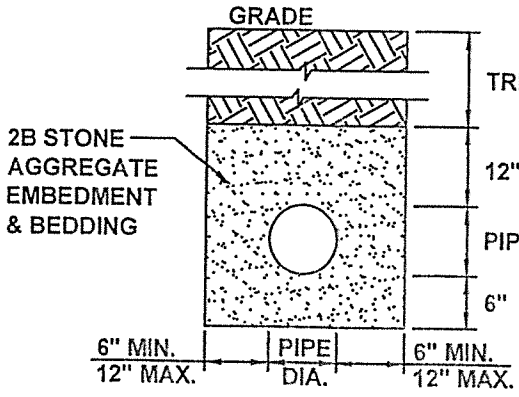


CONDENSED INSTALLATION SPECIFICATIONS

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