

The Saxonburg Area Authority



420 West Main Street
Saxonburg, PA 16056
(724) 352-1400 - Phone
(724) 352-8820 - Fax
www.the-saa.org

Specifications For Sanitary Sewer Service Line Installation

PA One-Call must be contacted at 1-800-242-1776 prior to excavation beginning

General SAA Sanitary Service Guidelines:

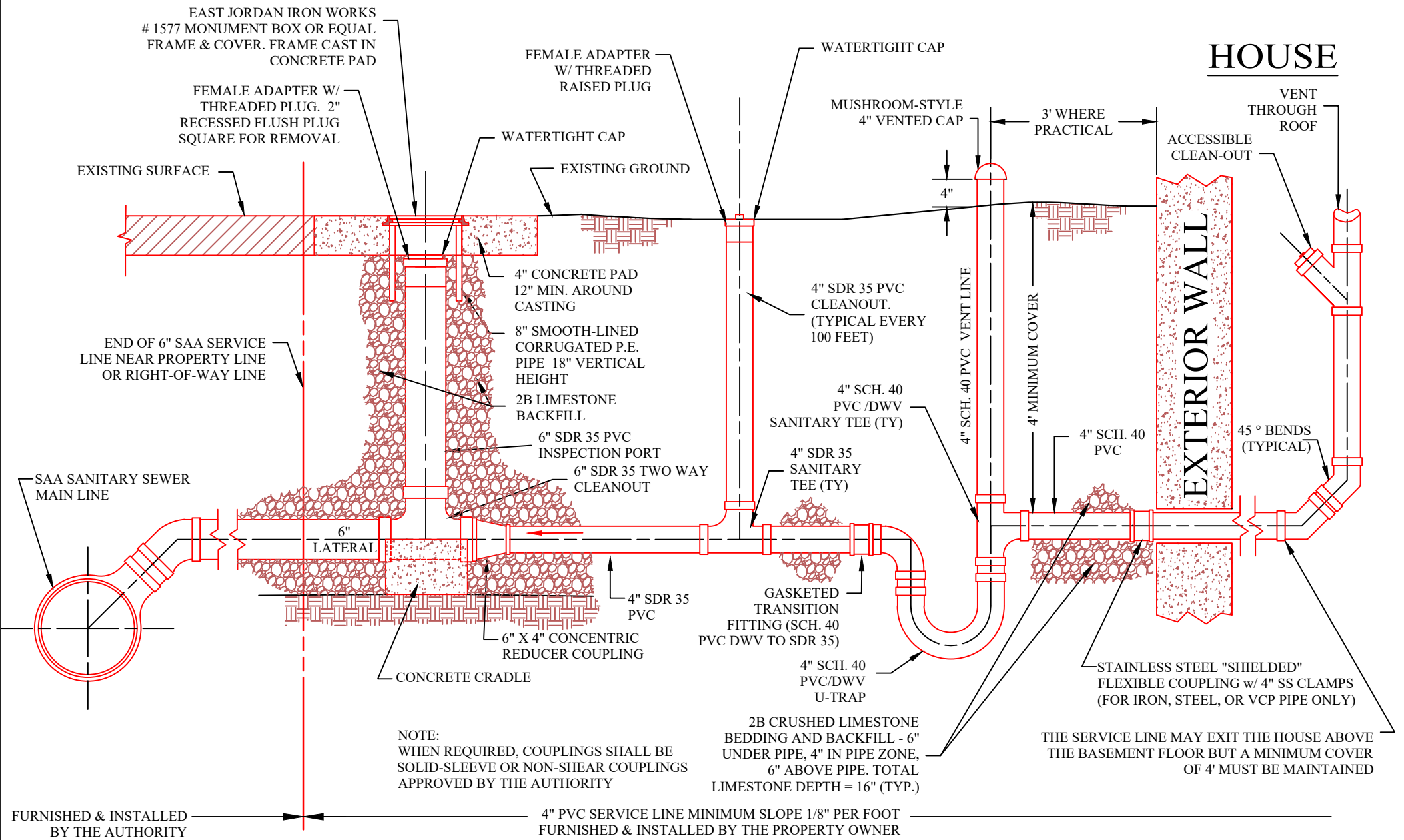
1. All applications must be completed, signed and any applicable fees paid prior to new service being approved – an original sealed survey is required for a tap servicing a newly constructed structure.
2. Only property owners may apply for new service which requires a tap to be constructed.
3. Multi-Unit Residential & Non-Residential applicants are required to meet with the Authority Engineer prior to service approval.
4. All sanitary waste lines including but not limited to toilets, laundry facilities, sinks, dishwashers and any other source of gray water shall be connected into the public wastewater system.
5. No storm water, roof conductors, foundation (French) drains, driveway drains, sump pumps, nor any source of ground or surface water whatsoever is permitted to enter the sewage service line. The inspection port will be used to periodically verify that water influenced from these sources does not exist and that they are not contributing to additional flow.
6. The Authority will not make a connection from the tap to a service line.
7. Service lines are to be constructed only on the property of the residence or structure being serviced.
8. All work is to be done in compliance with the Saxonburg Area Authority **Rules and Regulations** and any other local, State or Federal laws.

Technical SAA Sanitary Service Specifications:

1. A newly constructed service line shall be required from the exterior building wall to the tap-in connection provided and an inspection by an Authority representative will be performed. The Authority reserves the right to grant partial waivers of this requirement under exceptional conditions or circumstances.
2. No service line is to be covered until inspected from the exterior wall of the building to the tap-in connection with the six (6) inches of 2B crushed limestone bedding underneath the service line installed but no backfill covering the pipe. After the inspection has been

- approved by a representative of Saxonburg Area Authority, the remainder of the 2B crushed limestone shall be backfilled in the pipe zone and above the pipe. **NOTE;** other agencies may require additional inspections – please contact your municipality for more information.
3. Initial inspection is included in the tap-in fee. A re-inspection, if required, is charged according to the Authority Fee Resolution.
 4. Service lines are to be four (4) inches in diameter minimum and designed to maintain a minimum one-eighth (1/8) unit vertical to twelve (12) unit horizontal.
 5. The service line pipe shall not be reduced in size in the direction of flow.
 6. A house trap and vent stack are required within three (3) feet outside of the building wall. The vent stack shall be capped with an Oatey Mushroom Vent Cap Model 43805 or approved equivalent. **The line from the exterior wall up to and including the trap is to be constructed of Schedule 40 pipe and fittings.**
 7. A shielded flexible coupling may be used in some cases when the use of a solid coupling or adapter is impossible to connect the existing sanitary house drain line to the newly constructed service line. **The use of flexible couplers is prohibited when constructing the remainder of the service line.** See attached drawing for acceptable fittings at various connection points.
 8. A cleanout shall be installed at no greater than one hundred (100) foot increments apart on the service line (starting measurement from the exterior vent stack which will be accepted as a cleanout) and at each fitting with a change of direction greater than 45 degrees.
 9. No single fitting greater than a 45 degree elbow is permitted on the service line except in the construction of the house trap. Change in direction greater than 45 degrees are to be accomplished with the use of two fittings and a minimum 12” section of pipe between.
 10. A 6” tap is provided by the Authority for service line connection (see attached drawing).
 11. New service lines and fittings from the house trap to the tap connection shall be constructed using **SDR-35** pipe with an elastometric gasket or **Schedule 40 PVC / ABS DWV** pipe. All joints shall be tightly fitted to prevent infiltration and installed in accordance with manufacturer’s specifications.
 12. Each property owner shall be required to construct an inspection port at the point of connection to the Authority’s main line lateral (see attached drawing). The Authority will use the inspection port to ensure compliance with the Authority’s **Rules and Regulations**. **The Authority shall conduct an inspection port review on your property within 90 days of the initial service line inspection approval date to verify the proper construction of the inspection port.**
 13. The service line shall be installed with six (6) inches of **2B crushed limestone** as bedding under the pipe, four (4) inches of **2B crushed limestone** in the pipe zone and six (6) inches of **2B crushed limestone** as backfill above the pipe to provide support and protection. Slag, pea gravel or modified materials are not considered suitable bedding or backfill. Excavated materials can be used for remaining backfill provided that no large chunks of earth, construction debris or large rocks are placed in the trench.

These guidelines are intended to represent the specifications of the Saxonburg Area Authority. You may be required to meet additional Municipal or State requirements. Please contact your local municipality for more information

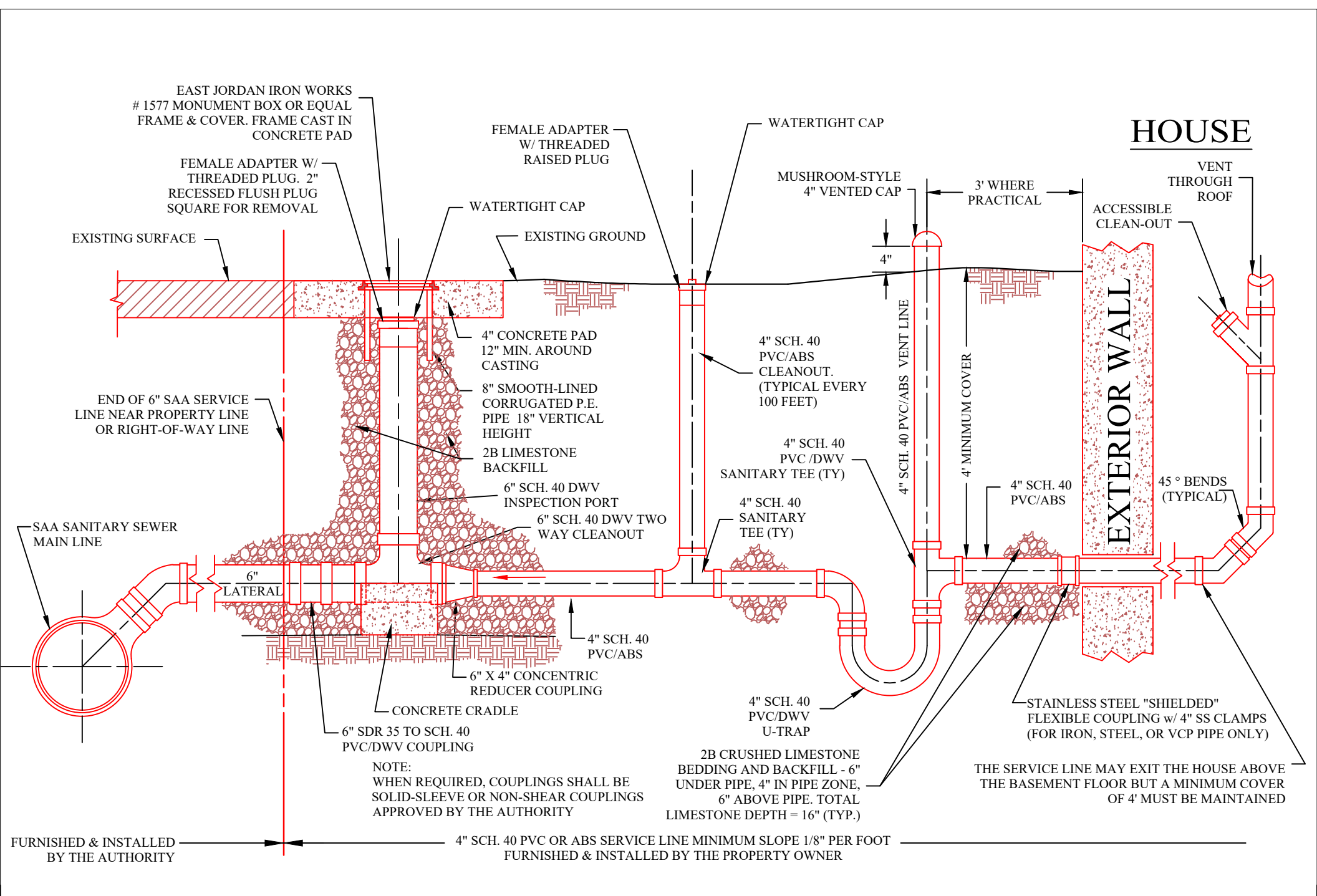


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420 W. MAIN STREET
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SANITARY SEWER TAP
TYPICAL DOMESTIC INSTALLATION
SDR 35 PVC LATERAL

DRAWING NOT TO SCALE
DRAWN BY: J.G.P.
DATE: AUG 23, 2006
CHECKED BY: C.E.H.
REV. DATE: JAN 21, 2025



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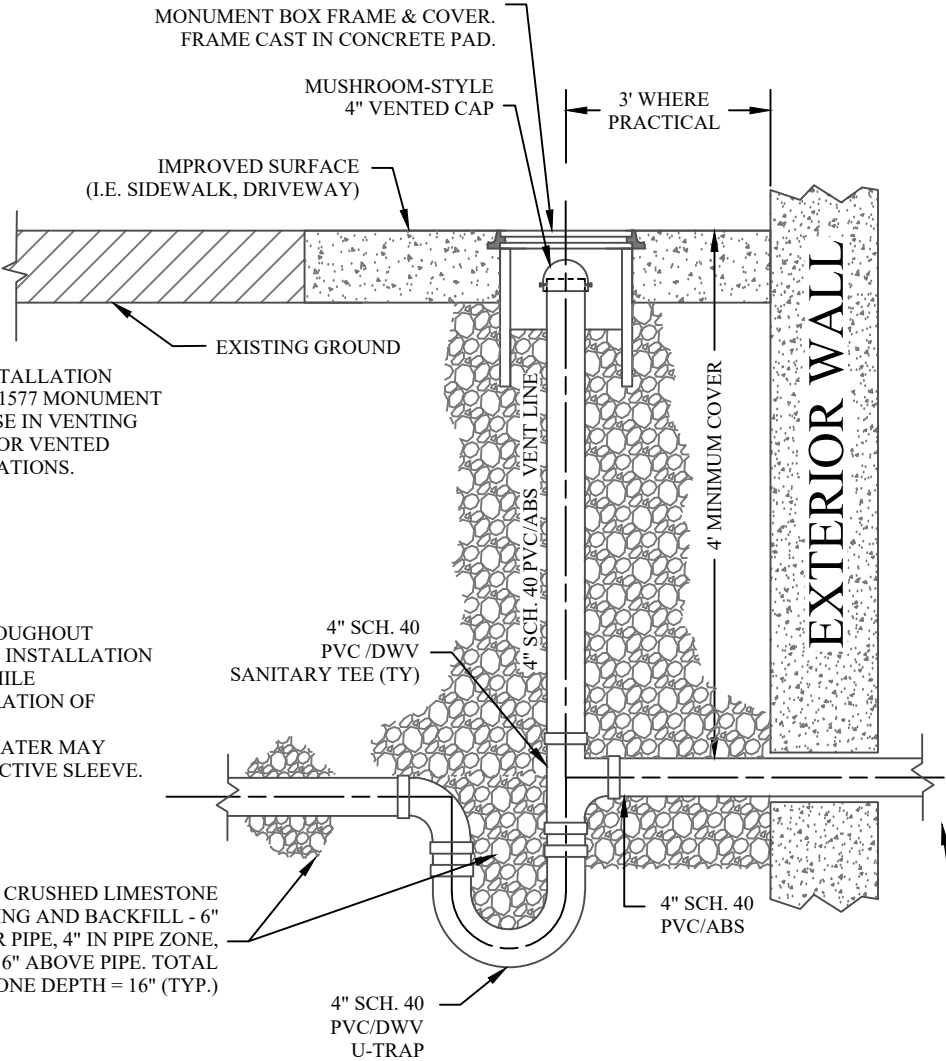


SANITARY SEWER TAP
TYPICAL DOMESTIC INSTALLATION
SCHEDULE 40 PVC OR ABS LATERAL

DRAWING NOT TO SCALE
DRAWN BY: J.G.P.
DATE: AUG 23, 2006
CHECKED BY: C.E.H.
REV. DATE: JAN 21, 2025

CROSS SECTION VIEW

NOTE: THIS DIAGRAM TO DISPLAY THE VENT UNDER IMPROVED SURFACES ONLY. USE THIS DRAWING ONLY IN CONJUNCTION WITH SAA'S "SPECIFICATIONS FOR SANITARY SEWER SERVICE LINE INSTALLATION".



NOTE: STANDARD INSPECTION PORT INSTALLATION REQUIRES EAST JORDAN IRON WORKS #1577 MONUMENT BOX OR EQUAL FRAME & COVER. FOR USE IN VENTING PURPOSES, SAA RECOMMENDS GRATED OR VENTED EQUIVALENT MONUMENT BOX INSTALLATIONS.

NOTE: SPECIAL CARE TO BE TAKEN THROUGHOUT CONSTRUCTION TO ENSURE THAT FINAL INSTALLATION IS CAPABLE OF VENTING SEWER GAS WHILE PREVENTING DEBRIS OR WATER INFILTRATION OF SANITARY SYSTEM. AREAS OF ESPECIALLY HIGH GROUND WATER MAY REQUIRE SEALING BOTTOM OF 8" PROTECTIVE SLEEVE.

THE SERVICE LINE MAY EXIT THE HOUSE ABOVE THE BASEMENT FLOOR BUT A MINIMUM COVER OF 4' MUST BE MAINTAINED

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SANITARY SEWER TRAP VENT IN IMPROVED SURFACE DETAIL

DRAWING NOT TO SCALE

DRAWN BY: R.J.M.
 DATE: OCTOBER 14, 2019
 REVISED BY: J.H.R.
 REV. DATE: JANUARY 21, 2025