

**MONTGOMERY TOWNSHIP MUNICIPAL
SEWER AUTHORITY**

SANITARY SEWER LATERAL

PERMITTING PROGRAM

AND

CONSTRUCTION STANDARDS

**MONTGOMERY TOWNSHIP MUNICIPAL SEWER AUTHORITY
(MTMSA)
PERMIT APPLICATION FOR
SANITARY SEWER LATERAL CONNECTIONS**

Application Date: _____
Estimated Cost: _____

I. OWNER INFORMATION

First Name:	Last Name or Business Name:	Telephone Number:	
Street Address:	City:	State:	Zip:

II. PROPERTY INFORMATION

Street Address:	Apt.:	Zip:	Parcel No.:	Zoning:
Subdivision:	Lot Number:		Parcel Type: <input type="checkbox"/> Residential (Check One) <input type="checkbox"/> Commercial/ Industrial	

III. PLUMBER INFORMATION

Name of Contractor:	Address (Street, City, State, Zip):	License No.:
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IV. PERMIT REQUIREMENTS

- All Contractors must be registered annually with Montgomery Township. The Annual Registration Fee is \$50.00.
- All Permits shall be signed by the Contractor and Property Owner.

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- Contractors shall furnish a valid Certificate of Insurance listing the Montgomery Township Municipal Sewer Authority and all of its employees and agents as additional insureds.
- Homeowners Association approval is required for the following developments:

De LaSalle	Montgomery Place	Terrace at Montgomery
Gwynedd Point	Neshaminy Falls	Victoria Court
Montgomery Glen	Pinecrest	Wethersfield
Montgomery Greene	Pine Tree Ridge	Winners' Circle
- The Permit Fee (\$85.00) must be paid at the time of Permit submittal. The MTMSA deposits Permit Fees upon receipt. Receipt of this deposit, however, does not constitute Permit approval. A Permit is not in effect until a signed Permit Card is issued by the MTMSA.

V. CERTIFICATION

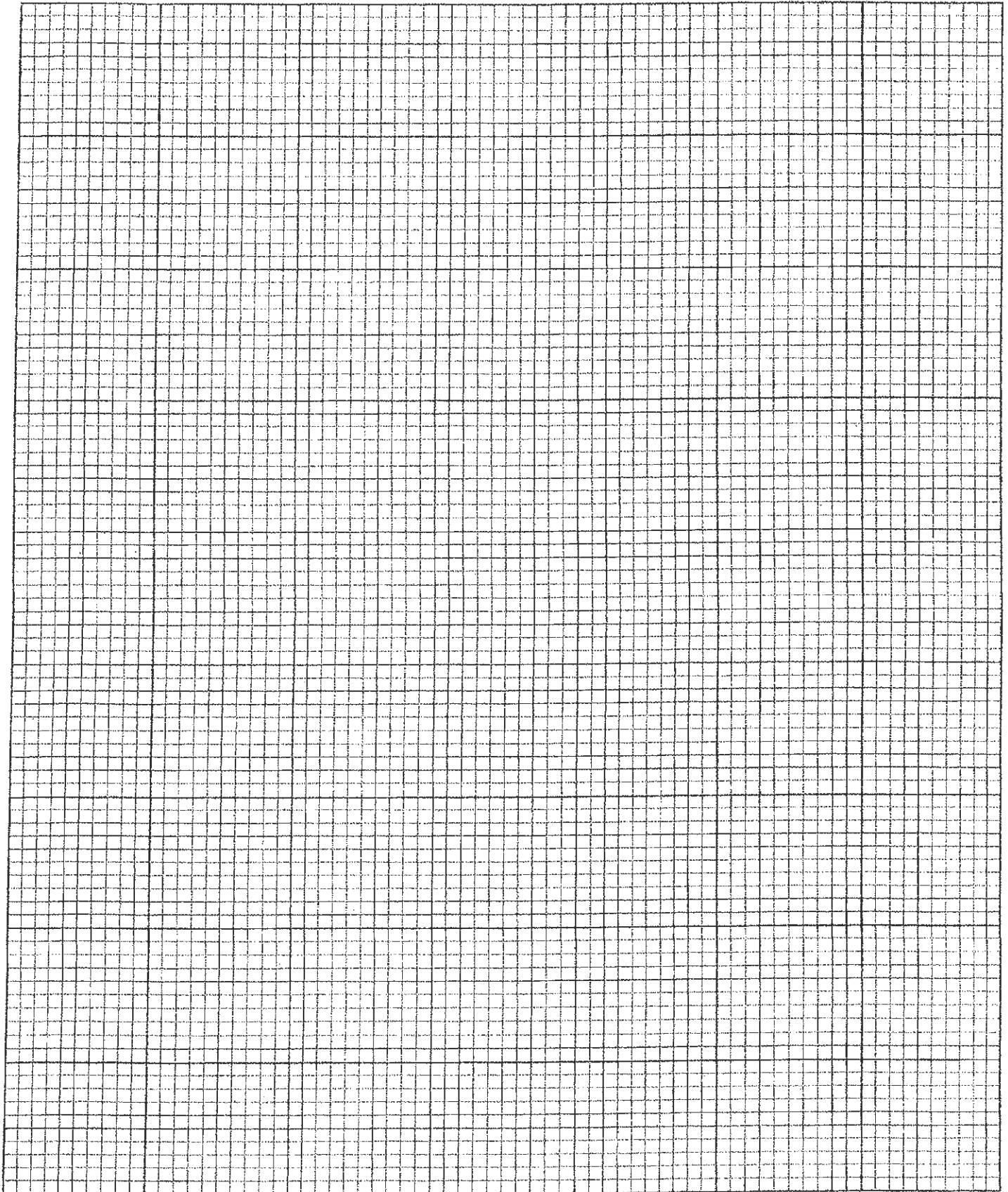
I hereby certify that I am the Owner of Record of the named property, or that the proposed work is authorized by the Owner of Record and that I have been authorized by the Owner to make this application as his authorized agent and I agree to conform to all applicable laws of this jurisdiction. In addition, if a Permit for work described in this application is issued, I certify that the MTMSA or the MTMSA's Representative (Engineer) shall have the authority to enter areas addressed by such Permit at any reasonable hour to enforce the provisions of the Code(s) applicable to such Permit.

Signature of Property Owner	Date
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Signature of Contractor	Date
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SANITARY SEWER LATERAL
AS-BUILT

(Show lot lines, easements and work layout and dimensions)



SCALE = 1 Inch = _____ FEET

MTMSA RESIDENTIAL LATERAL INTALLATION AND INSPECTIONS SPECS

6.07

- a. Prior to connecting any sewer lateral to the Authority's sanitary sewer system, an applicant (Developer, Property Owner or Contractor) shall complete a Permit Application, submit the applicable Permit Fee, and receive written approval via a Sewer Connection Permit from the Authority, copies of which are attached in Section XIV – Exhibits, herein.

- b. Sewage Facilities Planning Approval must be obtained from the Pennsylvania Department of Environmental Protection ("PADEP") prior to the issuance of a Sewer Connection Permit by the Authority. An applicant may prepare/file the documentation needed to obtain such approval, or request assistance from the Authority. In the event that the applicant requests the Authority's assistance, the applicant will be required to post escrow addressing the estimated administrative expenses of the Authority to complete the required PADEP documentation. The amount of the required escrow will be determined by the Authority based upon the complexity of the application. Any unused escrow funds will be returned to the applicant upon issuance of the Sewer Connection Permit.

- c. Upon issuance of the Sewer Connection Permit by the Authority, the Contractor/Plumber shall contact the Authority's Administrative Office to arrange for an inspection at least two days in advance of the required inspection.
- d. For new construction, sewer connections will generally require two inspections. The first inspection will involve the excavation and removal of the end cap at the lateral connection point. If no 6" x 6" x 6" test tee had previously been installed, a two-way test tee shall be installed as shown on Standard Detail SD-18. The second inspection will involve the visual inspection of the lateral line, leakage test and final connection to the house. Backfilling of the lateral trench shall not be performed until the lateral has successfully passed the required leakage test.
- e. For existing homes, both inspections required for new construction will be performed. In addition, an inspection will be required for the proper abandonment of the septic system. This will include assuring the top is removed, tank cleaned out (certificate provided) and tank is filled with 2B stone or clean dry fill.
- f. Upon final inspection, the Contractor/Plumber shall provide the Authority inspector with an As-Built drawing as provided with the Sewer Connection Permit. The Authority's inspector will sign the Connection Permit Form and copies will be forwarded to the Authority and the applicant.

6.08 RESIDENTIAL SANITARY SEWER LATERAL CONNECTIONS AND ABANDONMENT OF SEPTIC SYSTEMS (IF REQUIRED) – RULES AND REGULATIONS.

- a. All plumbing must be inspected prior to backfill.
- b. Underground sewer pipe shall have a maximum SDR of 35 and shall conform to ASTM D3034. Pipe joints shall be made and joined with an integral bell, bell and spigot rubber gasketed joint. Each integral bell joint shall consist of a formed bell complete with a single rubber gasket. Gaskets shall conform to ASTM F477. The underground sewer pipe shall be installed from the Authority's six-inch (6") PVC SDR 35 lateral to within five feet (5') of the building entry which shall then be converted to Schedule 80 PVC. All changes in pipe size, direction or connection shall be through standard PVC fittings as defined in ASTM D1784.
- c. All piping shall be placed at a minimum 2% grade (1/4 inch per foot), unless otherwise authorized by the Authority.
- d. A minimum of 4" of 2B stone bedding shall be placed below all piping. A minimum of 12" of 2B stone shall be placed over the pipe.
- e. In the event of over-excavation of the sanitary sewer lateral trench, compacted 2B stone shall be used to backfill from subgrade to bottom of lateral pipe.

- f. The Authority inspector may require modifications in pipe material, bedding and backfill requirements where sanitary sewer laterals will be constructed under or through porch or patio foundations.
- g. A minimum of 36" of cover is required over all piping.
- h. Cleanouts are required every 40 feet and at all bends, with a minimum of one cleanout if the lateral is less than 40 feet long.
- i. A 6" x 6" x 6" two-way test tee is required at the connection at the right-of-way line for the purpose of testing and future televising by the Authority. If a 6" x 6" x 6" test tee already exists at the end of the lateral at the right-of-way line, a 6" x 4" reducer shall be installed on the house side of the test tee.
- j. A minimum horizontal separation of 10 feet must be maintained between sanitary sewer lateral and water service piping unless the vertical separation between the piping is greater than or equal to 18 inches.
- k. Pipe penetrations through foundation walls shall be made with Schedule 40 PVC. All penetrations shall be made using "Link Seal" to prevent water infiltration at the basement wall.
- l. A cleanout shall be installed just outside the foundation wall for the purpose of performing a leakage test.
- m. A leakage test shall be performed in the presence of the Authority inspector, in accordance with one of the following optional methods:
 - 1. A temporary 10-foot high stack shall be installed at the house cleanout and filled with water. No water loss is permitted during the 15-minute test. A test plug shall be installed at the test tee at the right-of-way line.
 - 2. An air test shall be performed by installing test plugs at the test tee located at the right-of-way line and cleanout tee at the building foundation wall. Air shall be admitted into the test section in a manner acceptable to the Authority inspector so as to provide a minimum test pressure of 2.5 psig during the 15-minute test period. No decrease in pressure shall be permitted during the test period.
- n. Where connections are made to existing houses, the septic tanks shall be properly abandoned. The septic tanks shall be pumped out and flushed clean. The waste material shall be properly disposed by an approved sewage hauler and a Certificate shall be provided to the Authority inspector.
- o. Where connections are made to existing houses, Contractor/Plumber must demonstrate that internal plumbing within the house is properly trapped, or external trap(s) shall be provided at the location designated by the Authority inspector.

CKS ENGINEERS, INC.

- p. Existing septic systems shall be abandoned in accordance with Section 12.06.b of these Specifications.

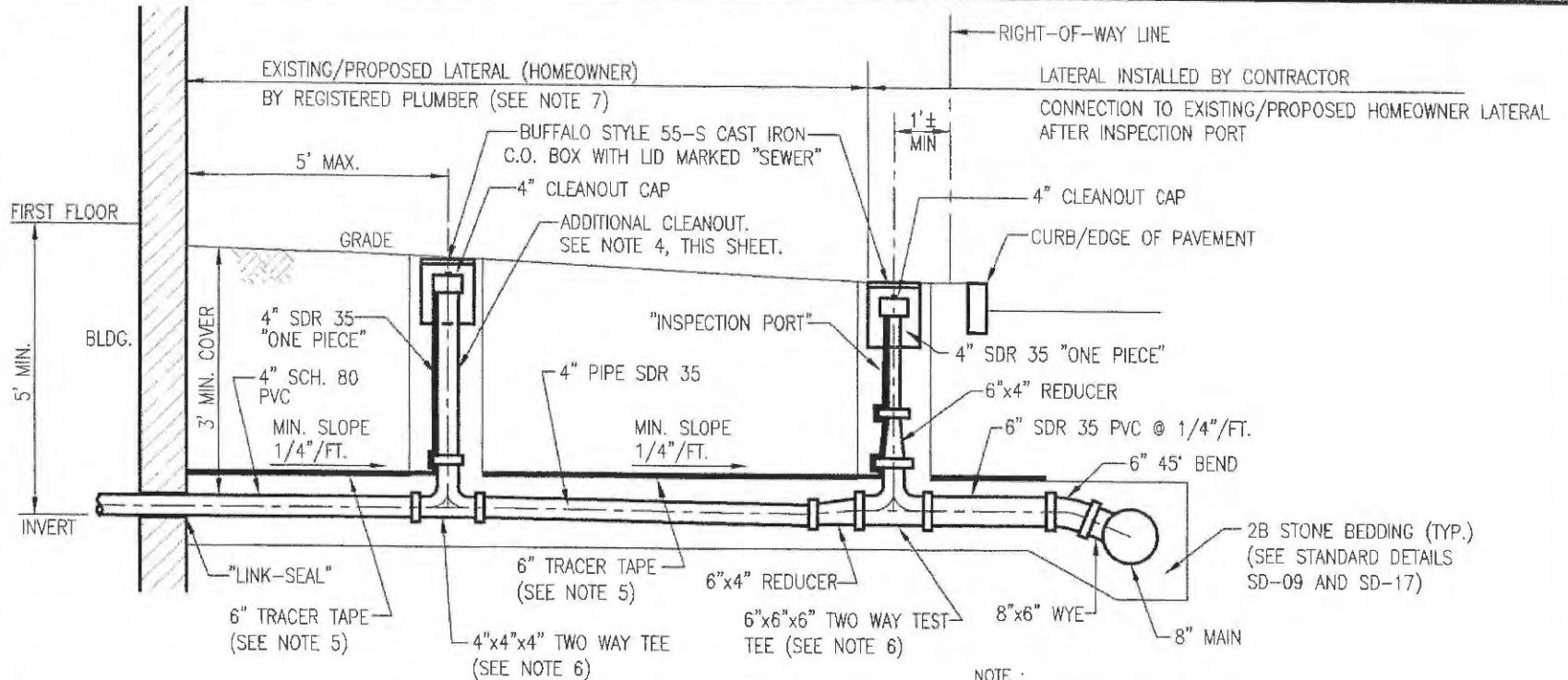
TYPICAL LATERAL CONNECTION
STANDARD DETAIL

MONTGOMERY TOWNSHIP MUNICIPAL SEWER AUTHORITY
MONTGOMERY COUNTY, PENNSYLVANIA

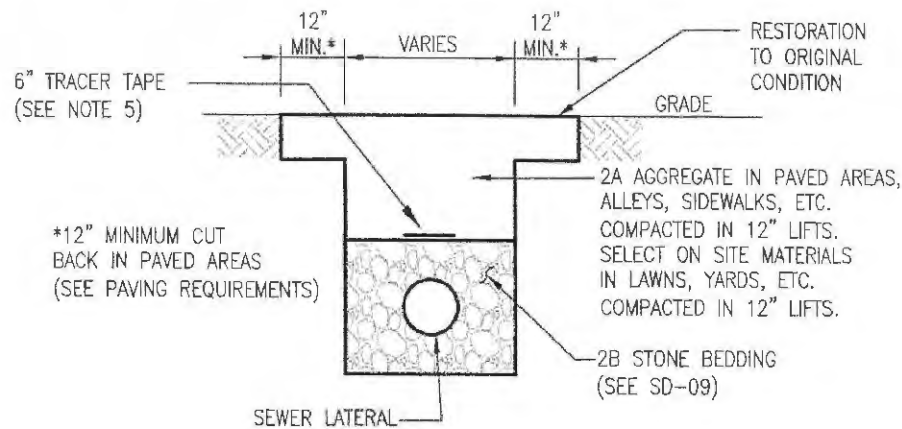
Date: 1/15/20

Detail No. SD-18

CKS Engineers, Inc.
4259 W. Swamp Road, Suite 410, Doylestown, Pa. 18902
(215) 340-0600



ELEVATION



SECTION
TRENCH DETAIL
N.T.S.

NOTE :
CLEAN-OUTS SHALL BE PLUMB

NOTES:

1. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO ORDERING AND/OR FABRICATION OF ANY MATERIALS.
2. INSTALLATION SHALL CONFORM TO MTMSA SPECIFICATIONS.
3. PIPE MATERIAL FROM AND INCLUDING THE CLEANOUT SHALL BE IN ACCORDANCE W/ SPECIFICATIONS.
4. ADDITIONAL CLEANOUTS TO BE PROVIDED :
 - a. EVERY 40' OF LATERAL PIPE.
 - b. AT ALL BENDS.
(ON UPSTREAM SIDE OF BEND)
 - c. WITHIN 5' OF BUILDING.
5. TRACER TAPE TO BE PLACED ON TOP OF STONE BEDDING IN HOMEOWNER'S SIDE OF LATERAL TRENCH. TRACER TAPE TO BE ATTACHED TO CLEAN OUTS/INSPECTION PORTS IN ACCORDANCE WITH SPECIFICATIONS.
6. ALL CLEAN OUTS/INSPECTION PORTS SHALL REST ON 2B CLEAN STONE BEDDING AS SHOWN
7. ALL FITTINGS, COUPLINGS, ETC. BETWEEN INSPECTION PORT AND BUILDING SHALL BE IN ACCORDANCE WITH MONTGOMERY TOWNSHIP PLUMBING CODE.