

Township of Northampton

NORTHAMPTON TOWNSHIP COMPLEX • 55 Township Road, Richboro, Pennsylvania 18954-1592
Township Administration – (215) 357-6800 • Fax: (215) 357-1251

Township of Northampton Industrial Park Sewer Connection Permit Requirement Packet

1. Ensure that the Plumber is registered with Northampton Township (Page 2).
2. Submit the Permit Application (Pages 3-5). Please ensure that details are shown on the sketch plan.
 - If necessary, submit an electrical permit. This application is not included in this packet.
3. Submit proof of payment from the Sewer Authority.
4. Submit the signed Reinspection Fee Agreement (Page 6).
5. Call Pennoni Associates, Inc. to schedule the inspection. Contact information is included on Page 7.
6. In order to close out the permit, please submit the following after completion of the project:
 - Certification from your hauler that the existing septic system was cleaned and filled with either clean fill or stone.
 - If an electrical permit was required, submit an electrical cut-card from your underwriter stating that a final electrical inspection was passed.

Please note that this packet also contains the following reference documentation:

1. Outline of Required Fees (Page 1)
2. General Requirements (Page 8)
3. Sampling Manhole Detail as required by the Sewer Authority (Page 9). If there are questions about this detail, please contact Chris Walker, P.E. from Pennoni Associates at 215-345-4591 x3113.



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Industrial Park Sewer Lateral Permits

TOTAL - \$319

***If an electrical permit is required, there is and
additional fee of \$129 for a TOTAL of \$448.**

**Note: Please be advised that there are additional fees
due directly to the electrical underwriter.**

***Please be advised that \$50 will be
charged for each reinspection.**



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License No. _____

License No. _____

The Township of Northampton
Bucks County, PA.

License Application for:

Master plumber (), Journeyman (), Apprentice ()

I, the undersigned hereby make application for a license, as indicated, to
engage in plumbing in the TOWNSHIP OF NORTHAMPTON.

In connection with this application, I submit herewith the following:

Name _____ Phone No. _____

Home Address _____

Business Name _____

Address _____

Name of Employer _____

Date of Birth _____ Years Experience _____

Registration Cards and Number _____

List several jobs (for reference) with location, builders name and address:

Lower Regional Examination Board YES _____ NO _____ NUMBER _____

Property damage and liability insurance, company and amount:

Duly issued on _____ License No. _____

TOWNSHIP OF NORTHAMPTON BY _____

I, the undersigned, am aware of Act #287 adopted on April 9, 1975, by the
State of Pennsylvania and do agree to contact the Recorder of Deeds office for the
County of Bucks to obtain a list of all recorded underground utilities, in the Township
of Northampton. I agree to contact the required agency, prior to excavating on any
property or right-of-way in the said township.

Date _____

Signed _____



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Township of Northampton Industrial Park Sewer Connection Permit

Owner Name: _____

Address of Property: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____ E-Mail: _____

Tax Parcel #: _____

Plumber: _____

Street Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____ E-Mail: _____

This permit is issued in accordance with the Ordinances, Resolutions, Rules and Regulations of Northampton Township, the Northampton, Bucks County, Municipal Authority, and the Statewide Building Code, respectively, relative to the sanitary sewer system constructed in the Industrial Park of Northampton Township.

I agree to notify Pennoni Associates, Inc., inspection agency for the Township, at 215-345-4591 x3111 when the building sewer is ready for inspection and connection to the public sewer, but before any of the work is covered.

In addition, the existing septic system will be cleaned by _____
(Hauler)

and clean fill or stone will fill the empty tank and be compacted as required.

Signature of Applicant: _____

Print: _____

Approval: _____ Date: _____

Plumbing Plans Examiner

Township of Northampton Industrial Park Sewer Lines to Sewer Lateral

A = Lot Width

B = Lot Length

C = Developed length between building drain and building sewer (maximum 5 feet)

D = Distance between cleanouts (maximum 100 feet)

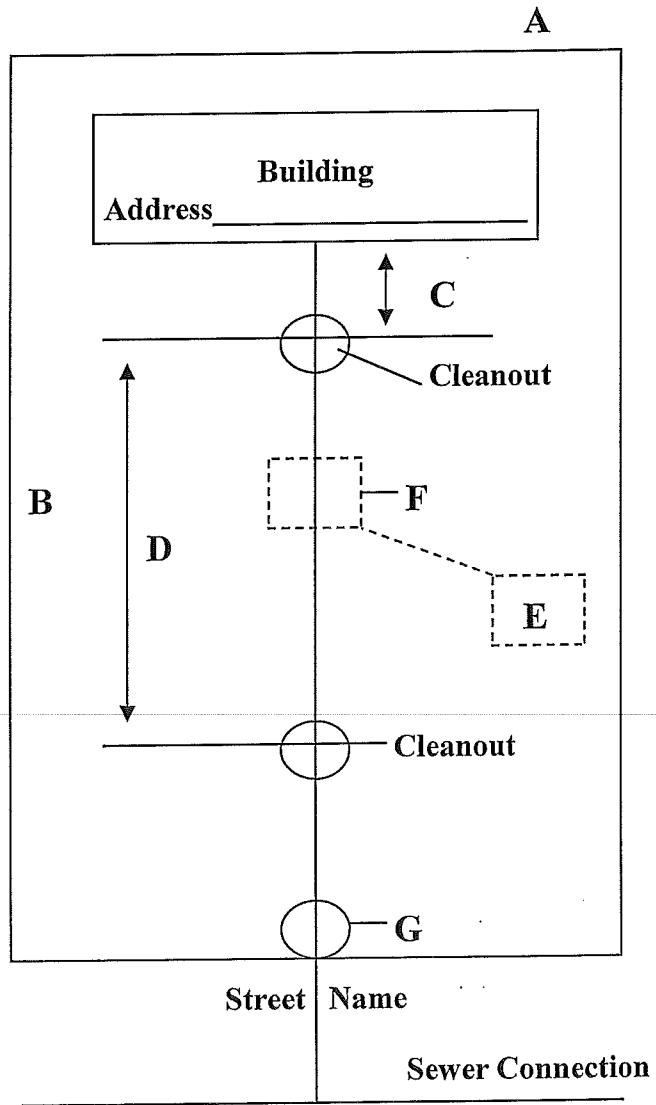
E = Existing Sewer System

_____ Sand Mound _____ Septic System
(check one)

F = Location of Grinder Pump when required
(Barnes OGV—manufactured by Crane Pumps and Systems, Inc.)

Note: Electrical Permit required and electrical underwriter must inspect if required.

G = New Manhole (sampling)



Notes:

_____ Size of Building Sewer _____ Size of Cleanouts _____ Slope of Building Sewer

_____ Specific Type of Piping Material
(To comply with 2009 IPC Table 702.3)

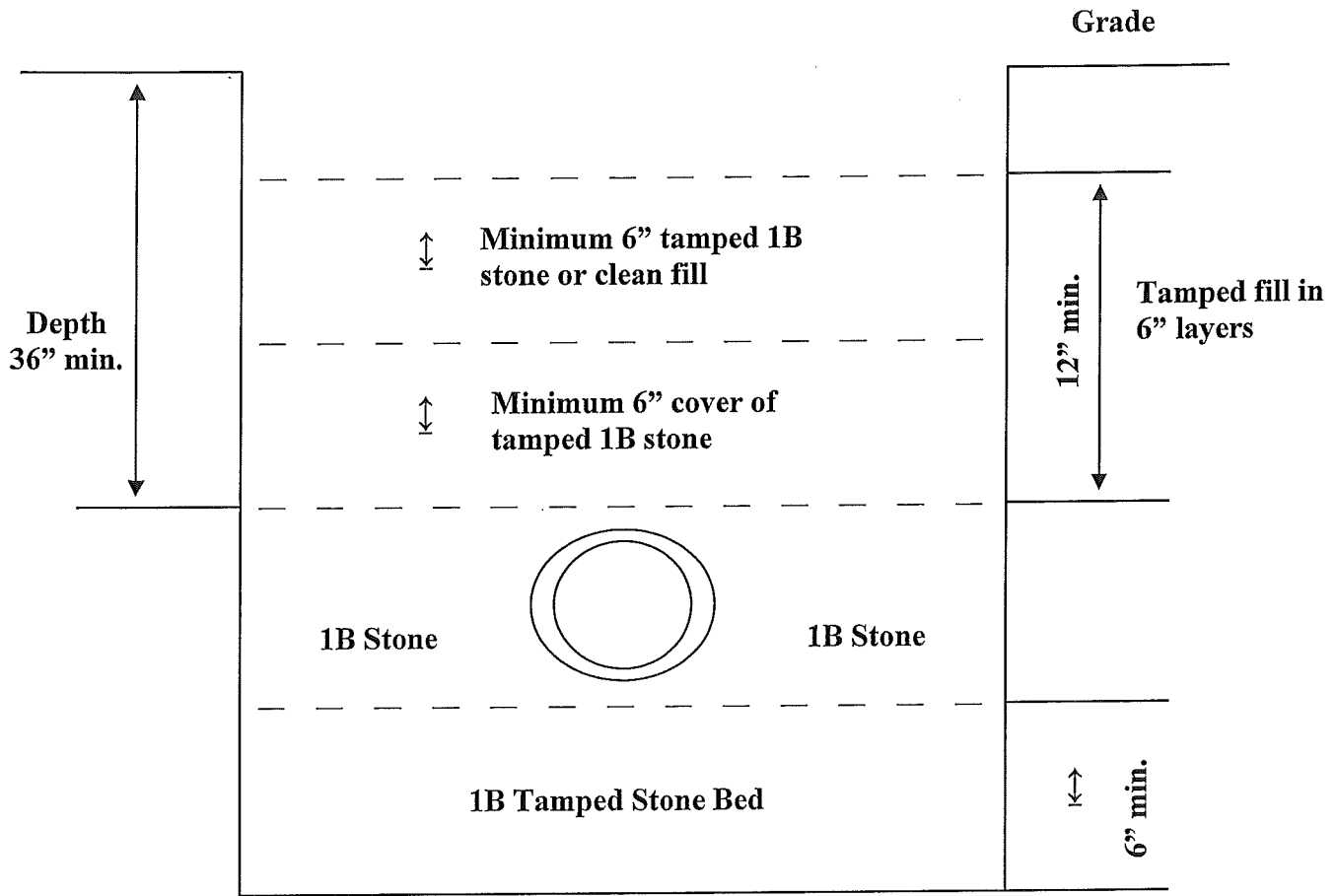
Is Grinder Pump Required? (Yes / No)

Septic Tank (Yes / No)

Cesspool(s) (Yes / No)

Cesspool/Septic Tank Compacted (Clean Fill / Stone)

Circle One





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REINSPECTION FEE AGREEMENT

Address of Project

I, _____,
Name of Owner or Contractor, if applicable

hereby agree and acknowledge that as owner/contractor, I will be responsible for any fees incurred for reinspections for the sewer laterals in accordance with the fees established by the Township.

Signature of Owner/Contractor

Date Signed

Address

City

State

Zip Code

Telephone Number

Accepted by Zoning Department

Date

****NOTE:** The person signing this Agreement will be the individual directly accountable for payment of the subject fees. Accordingly, if it is desired to assign this responsibility to another party or firm, said property or the appropriate officer of said firm must execute this document.



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Industrial Park Sewer Lateral Inspections

Inspections will be handled by Pennoni Associates for this project. For scheduling, the contact information is as follows:

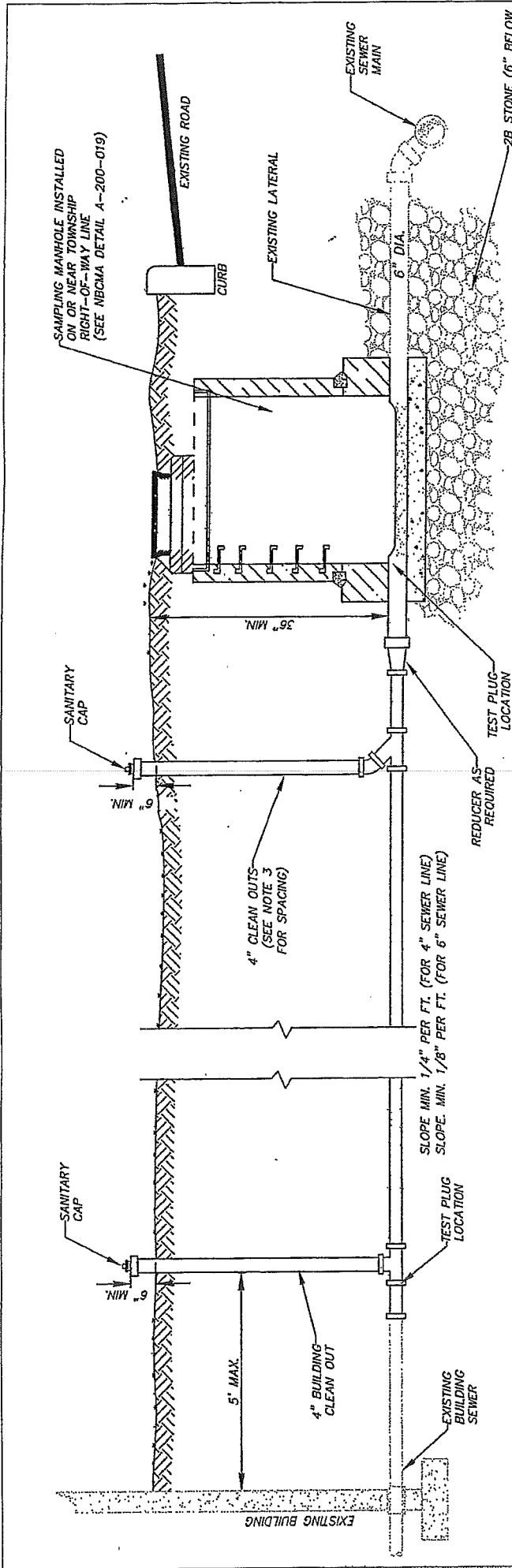
**Cindy Marlin
Pennoni Associates Inc.
Doylestown Commerce Center
2005 S. Easton Road, Suite 100
Doylestown, PA 18901
Phone: 215-345-4591 x3111
Mobile: 215-416-6526**

- 1. 48 hour notice is required for inspections.**
- 2. Prior to inspection, the pipe must be laid on the proper bedding with test balls and pressure gauge installed prior to arrival.**
- 3. If faulty or incomplete, inspection must be rescheduled and \$50 reinspection fee must be paid.**

INDUSTRIAL PARK SEWER LINES TO SEWER LATERAL

GENERAL REQUIREMENTS

- All work to comply with 2009 IPC and local township requirements
 - Call PA 1 system for all underground utilities prior to excavation
 - Connection to Orangeburg pipe is prohibited; must take back to cast iron pipe at building
 - 1 B stone bed under pipe (6"±) and 6" cover
 - New sewer line to be same size as line out of building (4" minimum); no reducing
 - Cleanout at building connection and every 100' maximum and at change of directions over >45°
 - Minimum depth 36"
 - Test 3-5 psi, air, 15 minutes; testing of sampling manhole to be per Sewer Authority requirements
-
- Sampling manhole to be installed per Sewer Authority requirements
 - Mechanical joints are to be used between different piping materials
 - Connection at lateral:
 - Examples: (1) donut (o-ring) with Fernco/Mission type adapter; to spigot end of ductile iron pipe
 - (2) If SDR, use pvc hub adapter
 - All septic tank(s) and cesspool(s) to be pumped out (by approved septic system disposal service company) and filled in with stone; clean fill compacter
 - No building traps to be installed or no vented cleanout caps



12. SAMPLING MANHOLE MUST BE VACUUM TESTED IN ACCORDANCE WITH ASTM C1244- STANDARD TEST METHOD FOR CONCRETE SEWER MANHOLES BY THE NEGATIVE AIR PRESSURE (VACUUM) TEST.
- a.) PLACE TEST HEAD ON MANHOLE TOP IN ACCORDANCE WITH TEST HEAD MANUFACTURER'S RECOMMENDATIONS.
 - b.) APPLY VACUUM TO 10" OF MERCURY, CLOSE VALVE TO VACUUM PUMP, SHUT OFF VACUUM PUMP.
 - c.) DETERMINE TIME REQUIRED FOR VACUUM READING TO DROP FROM 10" TO 9". MANHOLE SHALL PASS IF TIME REQUIRED MEETS OR EXCEEDS VALUES INDICATED IN THE FOLLOWING TABLE.

DEPTH (FT)	48" DIAMETER
8	20 SEC
10	25 SEC
12	30 SEC
14	35 SEC
16	40 SEC
18	45 SEC

13. TRENCH MUST NOT BE BACKFILLED UNTIL INSPECTION IS MADE. ACCESS TO THE INSIDE OF THE BUILDING WILL BE REQUIRED TO COMPLETE THE INSPECTION PROCESS. ALL INSPECTIONS REQUIRE AN APPOINTMENT SCHEDULED AT LEAST 24 HOURS IN ADVANCE.
14. AT THE AUTHORITY'S DISCRETION A FLUME MAY NOT BE REQUIRED.

- GENERAL NOTES:**
1. REFER TO 2009 INTERNATIONAL PLUMBING CODE, CHAPTER 7, FOR LIST OF ACCEPTABLE PIPE MATERIALS FOR THE LATERAL AND CLEAN-OUTS.
 2. ALL CONNECTIONS SHALL MEET NORTHAMPTON CODES:
 - CHAPTER 18 OF THE NORTHAMPTON TOWNSHIP CODE.
 - CHAPTER 99 OF THE NORTHAMPTON TOWNSHIP CODE.
 - CHAPTER 108 OF THE NORTHAMPTON TOWNSHIP CODE.
 - THE RULES, REGULATIONS, AND STANDARD DETAILS OF THE NORTHAMPTON, BUCKS COUNTY, MUNICIPAL AUTHORITY.
 3. CLEAN OUTS MUST BE INSTALLED EVERY 50' FOR 4" LATERALS AND EVERY 100' FOR 6" LATERALS AND AT ALL DIRECTIONAL CHANGES GREATER THAN 45°.
 4. NO 90° ELBOWS ARE PERMITTED.
 5. BUILDING LATERAL TRENCH TO REMAIN OPEN DURING TESTING.
 6. PLUG BOTH ENDS OF BUILDING LATERAL.
 7. PERFORM AIR LEAK TEST
 - a.) PRESSURIZE SYSTEM WITH AIR TO GAUGE PRESSURE OF 5 PSI.
 - b.) FOR A MINIMUM OF 5 MINUTES.
 8. INSPECTION AND TESTS ARE TO COMPLY WITH THE LATEST EDITION OF THE IPC, AS ADOPTED BY THE TOWNSHIP.
 9. CONTRACTOR IS RESPONSIBLE FOR SCHEDULING THE INFILTRATION/INFLOW TEST.
 10. THE "AUTHORITY" MUST BE NOTIFIED OF THE TEST 24 HOURS IN ADVANCE.
 11. THE "AUTHORITY" PERSONNEL MUST BE PRESENT TO WITNESS THE TEST.

TYPICAL NON-RESIDENTIAL SEWER CONNECTION AND SAMPLING MANHOLE

NORTHAMPTON BUCKS COUNTY MUNICIPAL AUTHORITY
111 TOWNSHIP ROAD
RICHMOND, PA. 15254

N.T.S.
DRAWN BY: SB
10/7/10

APPROVED BY:
NMAA 01220P
2005 SOUTH LAFAYETTE ROAD
SHREVE OAK
DOYLESTOWN, PA. 18041

SHEET 1 OF 1