Standard Operating Procedure for the Town of Pamelia Water and Sewer Connections
Information and Instructions for Property Owners and Contractors

1.0 Purpose

The purpose of this procedure is to describe the application process and the basic technical requirements for the installation of new water and/or sewer connections in the Town of Pamelia. This procedure does not apply to those properties located in Sewer District #2 and #8. Please contact the Town Clerk for a copy of the Route 3 Sewer Connection Application if the application is for a sewer connection Sewer District #2 or #8.

This document was developed to explain the Town of Pamelia's (Town) requirements and provide guidelines for property owners and contractors. All required forms are included in this document. Please read through this document carefully. Submittal of a complete application form will help ensure that your permit is approved in a timely manner.

Information is periodically updated by the Town so please check with the Town Clerk to make sure you have the most recent copy of the document available.

2.0 Responsibilities

2.1 The Town, as the system owner, is responsible for administering and overseeing this procedure.

2.2 New water/sewer customers are responsible for:

a. Completing a Water/Sewer Service Application (Appendix A) which enables them to connect to one of the Town's Water or Sewer District Systems. Approval is required before any work can commence. Based upon the complexity of the connection, an engineering firm might be necessary to be hired to provide the necessary drawing and details for application approval.
b. Hiring an approved contractor to make the connection to the water/sewer system. Approved contractors are identified in Section 3.4.
c. Scheduling a new connection inspection with the Town prior to connecting into the Town District.
d. Executing an easement, if required, with the Town.

e. Paying all construction, engineering, easement filing, and inspection fees associated with the new water/sewer connection.

2.3 The Development Authority of the North Country (Authority) is responsible for operating and maintaining the Town's Water and Sewer Systems. As the system operator, the Authority is responsible for ensuring that new connections are constructed and installed in accordance with applicable design standards. The Authority is also responsible for documenting new connections and distributing details to the Town. Any questions should be directed to the Town.

3.0 General Requirements

3.1 The Town can only provide service to customers that are located within an existing water or sewer district. Customers outside of a district may request that the town Board allow them to be an out of district user at a higher rate per billing k gallon cost 10% higher, plus operations and maintained costs, and the same debt from yearly tax bill will be paid quarterly on the water or sewer billing, like in district users. As an out of district user it will be the customer's responsibility to perform a complete installation and design to connect to the existing town systems. Existing customers refusing service connection after project completion date, will be responsible for the total cost to install there service laterals.

3.2 Requests for connection into the Town's water and/or sewer districts require the submission of the Town of Pamelia Water/Sewer Service Application, which can be found in Appendix A. This application does not apply to Sewer District #2 and #8. Please contact the Town Clerk for the Route 3 Sewer Connection Application for these Sewer District.

3.3 Connections must be designed and constructed in accordance with the original criteria identified in the contract documents and specification relating to the respective system, unless the proposed criteria can be shown to be more advanced and of better quality than that of the original specification. Contract documents are available at the Town offices, and at the Development Authority of the North Country's Warneck Pump Station located at 23557 NYS Route 37, Watertown, NY 13601.

3.4 Customers **must** utilize a contractor approved by the Authority for the installation of any water/sewer connections. The following contractors have been approved by the Authority. The contractor **must** list the Town of Pamelia as additionally insured and provide certificate to the Town Clerk before starting any work. In the amount approved by the towns insurance company at the time.

3.4.1 Contractors Approved to Perform Direct Connections to Water and Sewer Mainlines and Lateral Installations

Contractor	Address	Phone Number
Bach & Co.	11176 County Route 9 Clayton, NY	315-686-3083
Lawman Heating & Cooling, Inc.	206 Ambrose Street Sackets Harbor, NY 13685	315-646-2919
Luck Brothers Inc.	73 Trade Road Plattsburgh, NY 12901	518-561-4321
Marcellus Construction Co., Inc.	11151 US Route 11 Adams, NY 13605	315-232-2847
North Country Contractors LLC	P.O. Box 348 Calcium, NY 13616	315-785-5649
Steven J. Hall	P.O. Box 909 Cape Vincent, N.Y. 13618	315-654-3691 315-486-3900
Contractor	Address	Phone Number
Syracuse Utilities	9559 Brewerton Rd. Brewerton, NY 13029	315-676-2021
Thomas Excavating	16399 NYS Rte. 178 Adams, NY	315-232-2162

3.5 All new connections must include a means for metering in order to accurately bill for the services provided. For large commercial or industrial customers this may require a sewer meter. Residential sewer customers must be a current water customer or must install a meter on their private well. Resid Smaller than 1 inch will be provided by the Town, with customer's contractor responsible for installation. Commercial or industrial water meters will not be provided by the Town, but must meet Town standards outlined in the *Town of Pamelia Water System Design Standards*. They will need to be properly sized by the customer's engineer or contractor, with customer's contractor responsible for installation. **If the new structure does not have a full size heated basement or is located greater than 150 feet from the roadway**, then a separate meter pit will be required. The customer is responsible for purchase of the meter pit, with customer's contractor responsible for installation. Details for Typical Basement Meter Installation and Typical Meter Pit Installations are included in this document in Appendix C or can be obtained from the Town by requesting a copy of the *Town of Pamelia Water System Design Standards*. Any questions should be directed to the Town.

3.6 Most water/sewer service determinations will be made within 30 days of receipt of a complete Town of Pamelia Water/Sewer Service Application. The application only applies to water and sewer connection to the Town's system. All other required site development permits must still be obtained. Please consult the Town Clerk or Code Enforcement Officer for any additional requirements. Work in or near New York state roadways, Jefferson county roadways, or The Town of Pamelia roadways may require work approved permits prior to working easements or roadways.

4.0 Technical Requirements

4.1 Water Lateral Requirements

Technical requirements for water services are presented in the *Town of Pamelia Water System Design Standards*. Some basic installation details have been included for reference with this document. Customers may reference these details to determine acceptable pipe material, covering, backfill, etc. More complex systems may require that the customer hire an engineer licensed by the State of New York to complete the design. Some basic requirements for single family water laterals are listed below:

a. The Town's water system contains both normal and high pressure areas. As a result of the high pressure areas all new connections require that a lateral pressure regulating valve (PRV) be installed prior to the meter. It is critical that the customer coordinate with the Town to ensure that they are procuring an acceptable PRV and that their contractor properly installs it.
b. The minimum horizontal distance between water and sewer line shall be 10 feet except when lines must cross. At intersections water and sewer lines shall be separated by a minimum of 18 vertical inches.
c. The minimum vertical separation between buried electrical and water line shall be 18 inches when lines must cross. The minimum horizontal distance shall be 2 feet.
d. Water and sewer lines shall not share excavation trenches with other utilities and must be separated by a minimum distance of 6 feet whenever possible.
e. Laterals shall be installed with a minimum of 54 inches of cover. Where it is physically impossible to provide cover of 54 inches, the depth may be reduced to a minimum of 3 feet and the pipe shall be insulated, as approved by the Town.
f. Backfill material shall be free of roots and vegetation and shall have no stones greater than 4 inches in diameter.

g. The Town has approved the use of either copper or high density polyethylene (HDPE) tube sized pipe for service laterals. Transponder wire is required for nonmetallic pipe.
h. Metallic tape with proper label of utility tape 6 inches wide shall be installed 2 foot below grade when backfilling trench, to allow for indication in the future for work in area. Tracer wire needs to be installed next to pipe location.

4.2 Sewer Lateral Requirements

Detailed technical requirements for sanitary sewer systems are presented in the Town of Pamelia's latest Contract Documents and Drawings for the Route 3 Sewer Corridor. Customers may reference these documents to determine acceptable pipe material, covering, backfill, etc. More complex systems may require that the customer hire an engineer licensed by the State of New York to complete the design. Detailed information and drawings are available by requesting a copy of Pamelia's or Route 3 Contract Documents and Drawings from the Authority at 315-661-3210.

4.2.1 Gravity Sewer Lateral Requirements

Some basic requirements for single family gravity sewer laterals are listed below and are included with more detail in the Contract Documents and the Sewer Installation Details found in Appendix C:

i. The minimum horizontal distance between water and sewer line shall be 10 feet except when lines must cross. At intersections water and sewer lines shall be separated by a minimum of 18 vertical inches.
ii. The minimum vertical separation between buried electrical and sewer line shall be 18 inches when lines must cross. The minimum horizontal distance shall be 2 feet.
iii. Water and sewer lines shall not share excavation trenches with other utilities and must be separated by a minimum distance of 6 feet whenever possible.
iv. Laterals shall be installed with a minimum of 4 feet of cover. Where it is physically impossible to provide cover of 4 feet, the depth may be reduced to a minimum of 3 feet and the pipe shall be insulated, as approved by the Town.
v. Magnetic marking tape 6 inches wide with the words SANITARY SEWER BELOW shall be installed not more than 2 feet below finished grade for all sewer laterals.

vi. Gravity sewer laterals shall be 4 inch PVC Plastic SDR 35 pipe and fittings. Pipe shall be joined with integral bell and spigot rubber casketed joints.

vii. 4 inch service laterals shall be installed at a minimum of ¼ inch per 1 foot slope (2%).

viii. Service laterals shall be connected to existing sewer main lines through the use of a machine drilled hole using equipment expressly made for this purpose. Laterals shall be connected to the sewer main through the use of an Inserta Tee Fitting made for PVC SDR 35 pipe. Fittings are available by contacting the Authority or the manufacturer (Advanced Drainage Systems, Inc. (ADS), Tel. 503/357-2110) or insertasales@ADSpipe.com .

ix. Sewer laterals shall not be connected directly to manholes.

x. Cleanouts shall be provided at least every 100 feet; at each change in direction of the line; and between 2 feet to 10 feet of the house foundation.

xi. For normal soil conditions, the trench shall be excavated 4 inches deeper than the bottom of the pipe. Pipe bedding material used shall be NYSDOT Subbase Course 304 Type 2 crushed stone.

xii. Backfill material shall be free of roots and vegetation and shall have no stones greater than 4 inches in diameter.

xiii. Pipe bedding shall be placed in maximum lifts of 8 inches after the pipe is joined.

xiv. Do not compact directly over PVC pipe until backfill has reached 2 feet above top of pipe.

4.2.2 Low Pressure Sewer Lateral Requirements

Some basic requirements for single family low pressure sewer laterals are listed below and are included with more detail in the Contract Documents and in the Sewer Installation Details found in this document:

i. Gravity sewer laterals that cannot meet minimum slope requirements will require a grinder pump.

ii. Grinder pumps will be supplied by the Authority on behalf of the Town and must be installed by an approved contractor.

iii. The grinder pump must be paid for by the property owner before it can be supplied to the contractor. The Authority will order the grinder pump with the invoice going to the Town. The property owner will pay the Town for the cost of the pump. The Town will notify the Authority when the grinder pump has been paid for and forward the completed Sewer Service Application to the Authority. Once the Authority receives payment notification and approves the

application, the pump can be released to the contractor for installation.

iv. The property owner's contractor must install the grinder pump in accordance with Pamelia's or Route 3 Contract Documents, if applicable, and E-One Grinder Pump Installation Instructions. Copies of these documents are available upon request from the Authority.

5.0 Submittal Requirements

All new service connections must be reviewed and approved by the Town and the Authority. The property owner must submit a completed Town of Pamelia Water/Sewer Service Application to the Town Clerk at the Municipal Office. The application must be submitted with the proper connection fee and a location sketch. The location sketch must show the property boundaries, buildings, approximate length of service lateral with reference dimensions to two permanent structures, location of cleanouts, tie-in point to mainline, and any other relevant information. An example of an acceptable location sketch is attached for reference in Appendix A.

Customers should contact the Town Clerk to verify whether an updated easement will be required. This easement must be executed and submitted with the applicable County filing fee prior to obtaining approval for connection. A standard easement is attached for reference in Appendix B.

6.0 Inspection Requirements

All approved connection requests must be inspected by an Authority representative. The connection inspection must be scheduled with the Authority at least 48-hours prior to the connection. Customers must have an approved Town of Pamelia Water/Sewer Service Application on file with the Authority prior to scheduling an inspection. The Authority will charge our posted billable rates to review the application and inspect the service. If the connection is scheduled outside normal business hours, than overtime rates will apply. To schedule an inspection please contact the Town Clerk.

7.0 Record of Changes

Revision	Description of Changes	Revision Date
0	Original Document Created	5/02/2016
1	updated	2023

Appendix A

Town of Pamelia WATER/SEWER Service Application

INSTRUCTIONS

Water District # _____
Sewer District # _____

- All information must be typed or legibly printed.
- All sections of the form must be completed to avoid delays in processing.
- The property owner must sign the form.
- Submit completed form with payment and Location Sketch to the Town Municipal Office.
- The Clerk will forward the application for Technical Review.
- You will be notified by phone if your permit has been approved or if your permit is missing information required to properly review. If your application is denied you will be notified in writing as to the reason.

GENERAL INFORMATION ***(To Be Completed By Customer)*** ***EMAIL*** _____

Property Owner's Name: _____ Phone (____) _____

Owner's Address: _____ City _____ State ____ Zip _____

Job Address: _____ City _____ State ____ Zip _____

Tax Parcel ID No. _____ ☐ Residential ☐ Commercial

Approved Contractor: _____ Phone (____) _____

Contractor's Address: _____ City _____ State ____ Zip _____

Is the requested connection to serve an existing structure? ☐ Yes ☐ No

If yes, is the requested connection to relieve a failing well or septic? ☐ Yes ☐ No

If the connection is to serve a new structure, what is the anticipated occupancy date? _____

☐ A Sketch of the new service connection **is attached**.

OWNER'S CERTIFICATION ***(To Be Completed By Customer)***

Application is hereby made to obtain a permit to do the work and installation as indicated. I certify that I am the Owner of the property located at _____ and that I am requesting a permit to install a new water/sewer service.

In consideration of the granting of this permit, I agree to the following:

1) That no work or installation has commenced prior to the issuance of a permit;
2) That all work will be performed to meet the standard of all applicable State and Local laws regulating construction;
3) To maintain the water service lateral in accordance with the Town's requirements;
4) To schedule an inspection of the service with DANC before any portion of the work is covered and prior to connecting into the main water or sewer line.

Date: _____ Signed: _____

MUNICIPAL REVIEW ***(To Be Completed By Municipality)***

Is a new/updated property easement required? ☐ No ☐ Yes

- If easement is required it must be executed prior to connection approval.
- Residential basic service Light Industrial, AR or Commercial

Water Service Connection Fee: ☐ Basic Fee $600.00 ☐ Commercial: Fee $.50 Per square foot of building floor area. _____

Sewer Lateral Connection Fee: ☐ Basic Fee $500.00 ☐ Commercial: Fee $.50 Per square foot of building floor area. _____

Pump Residential cost _____ ☐ Fee plus Easement Filing $475.00 TOTAL DUE $_____

☐ Payment Received By _____ on _____.

Municipal approval that applicant is eligible for new service connection to the Town System

Date: _____ Signed: _____

TECHNICAL REVIEW ***(To Be Completed By DANC)***

Application Reviewed By: _____ Date: _____

Application Action: ☐ Approved, as submitted ☐ Approved with conditions
☐ Returned, due to incomplete submittal ☐ Denied (See Attached)

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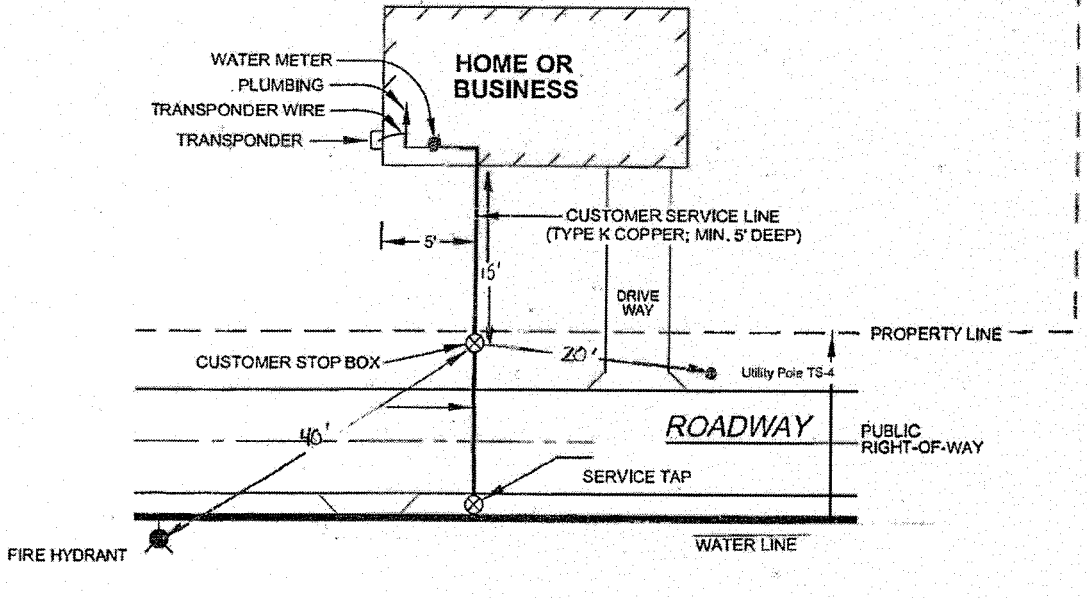
SKETCH OF PROPERTY WITH WATER/SEWER CONNECTION

Name_____ Property Address_____

Be sure to show reference points and distances as accurately as possible.

Appendix B



Note: Dimensions of water service to a minimum of two permanent fixed points (such as fire hydrants, Utility poles, buildings, etc.) are required. If using utility poles be sure to include pole number which can be found on pole ID tag.

Typical Location Sketch

EASEMENT GRANT

This Easement Grant is made this _____ day of _____, 20____ between _____ residing at_____ ("Grantor", whether one or more) and the TOWN OF PAMELIA, a municipal corporation of the State of New York, having an office at 25859 State Route 37, Watertown, New York 13601 (the "Grantee").

RECITALS

1. Grantee is in the process of building, installing or maintaining a:

   a) wastewater collection system, including mains, laterals, pump stations, meters and other appurtenant devices; and
   b) water supply lines, including laterals and appurtenant facilities, including pumps and meter for water (hereinafter referred to as "Facilities").

2. Grantor is the owner of certain real property within the service area of the facilities known as the _____ tax map number _____.

3. A portion of the facilities need to be installed on Grantors property in accordance with certain engineering plans drawn by _____, as shown on Schedule "A" annexed.

4. Grantee is seeking an easement to install such facility.

5. Grantor is willing to provide and easement for such facilities.

In consideration of One Dollar ($1.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the following grants, agreements, covenants and restrictions are made:

1) **GRANT OF EASEMENTS.**

   a) Permanent Easement. Grantor hereby grants and conveys to Grantee, its successors and assigns, a twenty (20) feet wide permanent right-of-way and easement on, over, under, across and through the premises of Grantor as described below ("the Permanent Easement") for the lawful purposes of the Grantee including laying, relaying, constructing, reconstructing, maintaining, inspecting, operating, cleaning, repairing, replacing and removing sewer mains, laterals or other appurtenant facilities, including supporting apparatus, meters and structures, all other facilities appurtenant thereto and any other lawful improvements thereto (collectively "the Facilities") and making such excavations and performing all work as, in the sole discretion of Grantee, its successors or assigns, may be necessary or desirable.

   b) Temporary Easement. During and for the purpose of the construction and restoration of any Facilities and appurtenances thereto, the Grantee shall have the right to clear and use additional land ten (10) feet in width on each side of the Permanent Easement (the "Temporary Easement"). The grant of Temporary

Easement shall terminate upon completion of construction of the facilities and surface restoration. Excepting and reserving from the permanent and temporary easements any area of land upon which there is situated a part of a permanent structure or building on the date of this easement grant.

2) **DESCRIPTION.** The parties hereto agree that "as built" drawings shall be filed with the County Clerk to show the precise location of the facilities and that the "as built" drawings aforementioned shall constitute the actual location of said easements as hereinbefore set forth.

3) **INGRESS AND EGRESS.** The Grantee, its agents, contractors and their workmen shall have the right to reasonably cross and re-cross the remaining adjacent lands of the undersigned on foot or with motor vehicles and their equipment for all purposes set forth in this Easement Grant and incidental thereto, including but not limited to the construction, inspection, cleaning, operation, maintenance and repair of the Facilities.

4) **CONSTRUCTION AND MAINTENANCE OF FACILITIES.**

a) Upon completion of the construction of the Facilities, as well as after any subsequent repair, reconstruction, replacement or any other work in connection with the Facilities, Grantee, at its own cost and expense, shall restore the surface of the easement to, (as nearly as is reasonably practicable), their condition prior to the commencement of the work.

b) Grantee shall defend, hold harmless and indemnify Grantor of and from all damages or judgments arising from injury or death to person or property, except such damages to the property of Grantor arising from the use of the Permanent Easement by Grantor pursuant to paragraph 4, by reason of and caused by the actions of Grantee in carrying out the purposes of this Easement Grant.

c) The Grantee may during construction and thereafter from time to time, trim, cut and remove by manual, mechanical or chemical means, brush, trees, vegetation, and other physical obstructions on the easements.

5) **USE OF EASEMENT PREMISES BY GRANTOR.** The right to use the Permanent Easement for any purpose not interfering or inconsistent, in the opinion of Grantee, with this Easement Grant is expressly reserved by Grantor, provided, however, that Grantor shall neither build, erect, construct or place upon, over or under the Permanent Easement, anything of a permanent nature or character, except that Grantor may maintain and replace anything currently existing. Furthermore, the Grantor will not impound water nor do or cause to be done, directly or indirectly, any damage to, interference with, or create any potential hazard to the Facilities, and will not remove soil from the Permanent Easement so as to leave the Facilities nearer to the surface of the land than when laid, nor in any way interfere with or disturb the grade of the soil as completed by the Grantee. It is further understood and agreed that the Facilities shall at all times be and remain the property of Grantee and under its unconditional control and supervision.

6) **WARRANTY OF TITLE AND PAYMENT.** Grantor has by this Easement Grant provided the Grantee with good and marketable title to the easements. The Grantor hereby warrants ownership in fee simple of the easements, has a good right to convey and grant the foregoing easements, that the easements are free and clear of all liens and encumbrances and will forever

warrant title. Furthermore, that in compliance with Section 13 of the Lien Law, the Grantor will receive the consideration for this conveyance and will hold the right to receive such consideration as a trust to be applied first for the purpose of paying the cost of the improvement and will apply the same first to the payment of the cost of the improvement before using any part of the total of the same for any other purpose.

7) **RUNNING OF BENEFITS AND BURDENS.** All provisions of this instrument, including the benefits and burdens, run with the land and are binding upon and inure to the heirs, assigns, successors, lessees, tenants and personal representatives of the parties thereto. However, the Grantee, its successors and assigns shall have the right to assign to others, in whole or in part, any or all of the Grantee's rights, privileges and interests in this Grant.

8) **TESTING AUTHORIZATION.** Grantor hereby grants Grantee the right, upon reasonable notice, before, during and after construction, to test the quality and quantity of Grantor's water supply and to photograph and inspect the exterior and interior of Grantor's structures which may in any way be affected by construction of the Facilities.

IN WITNESS WHEREOF, the Grantor has executed this Easement Grant as of the day and year first above written.

Witness:

_____ _____

_____ _____

ACKNOWLEDGEMENTS

STATE OF NEW YORK)
) ss.:
COUNTY OF JEFFERSON)

On the ___ day of _____ in the year ___ before me, the undersigned, a Notary Public in and for said state, personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(is), and that by his/her/their signature(s) on the instrument, the individual(s), or the person(s) upon behalf of which the individual(s) acted, executed the instrument.

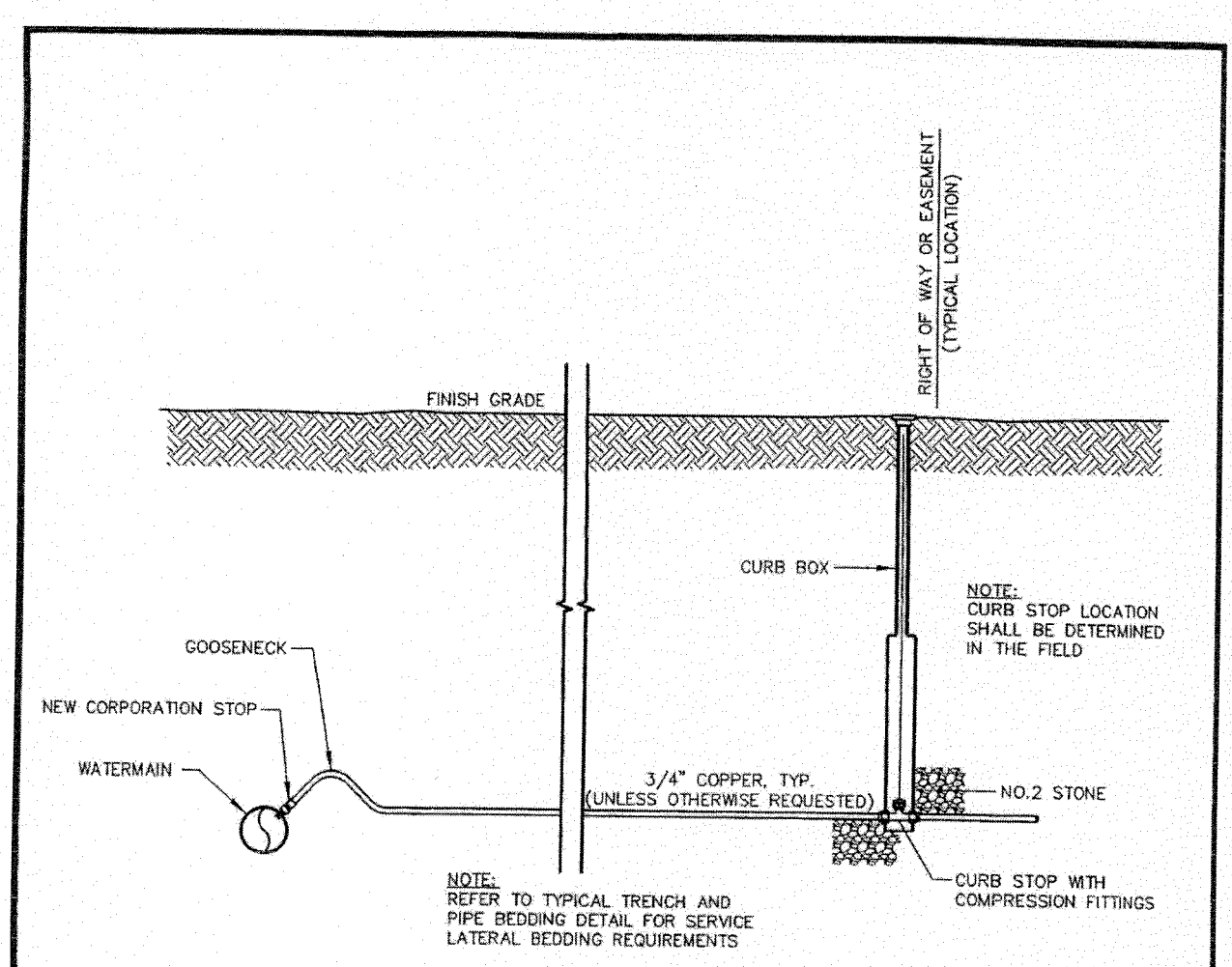
_____
Notary Public

STATE OF NEW YORK)
) ss.:
COUNTY OF JEFFERSON)

On the ___ day of _____ in the year ___ before me, the undersigned, a Notary Public in and for said state, personally appeared _____, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(is), and that by his/her/their signature(s) on the instrument, the individual(s), or the person(s) upon behalf of which the individual(s) acted, executed the instrument.

_____
Notary Public

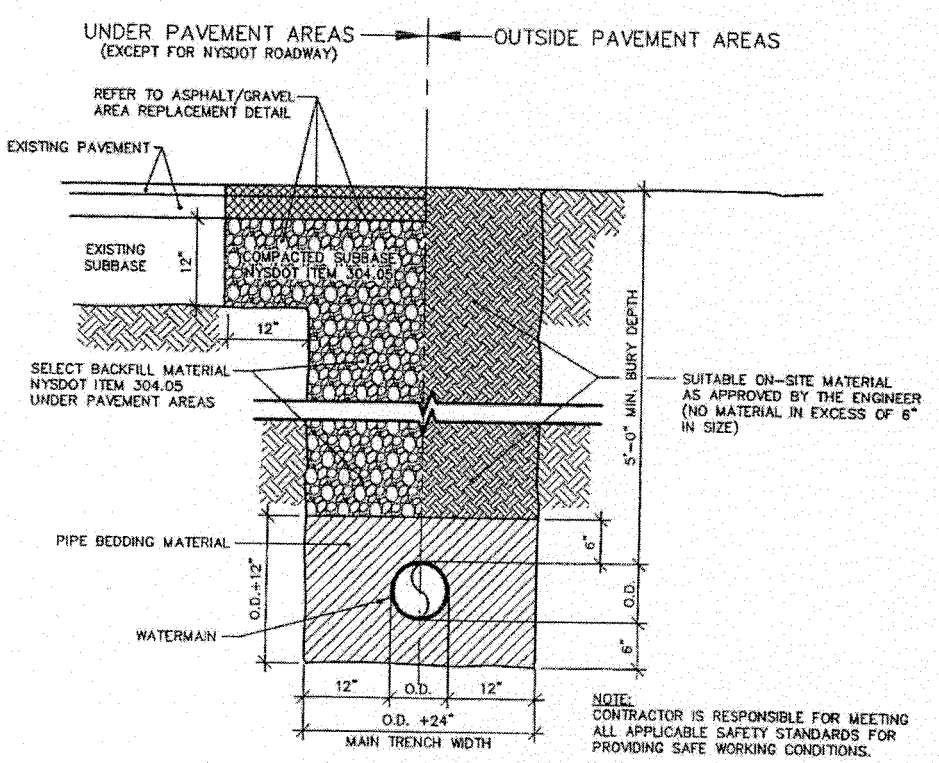
Appendix C



TYPICAL SERVICE LATERAL DETAIL

NOT TO SCALE

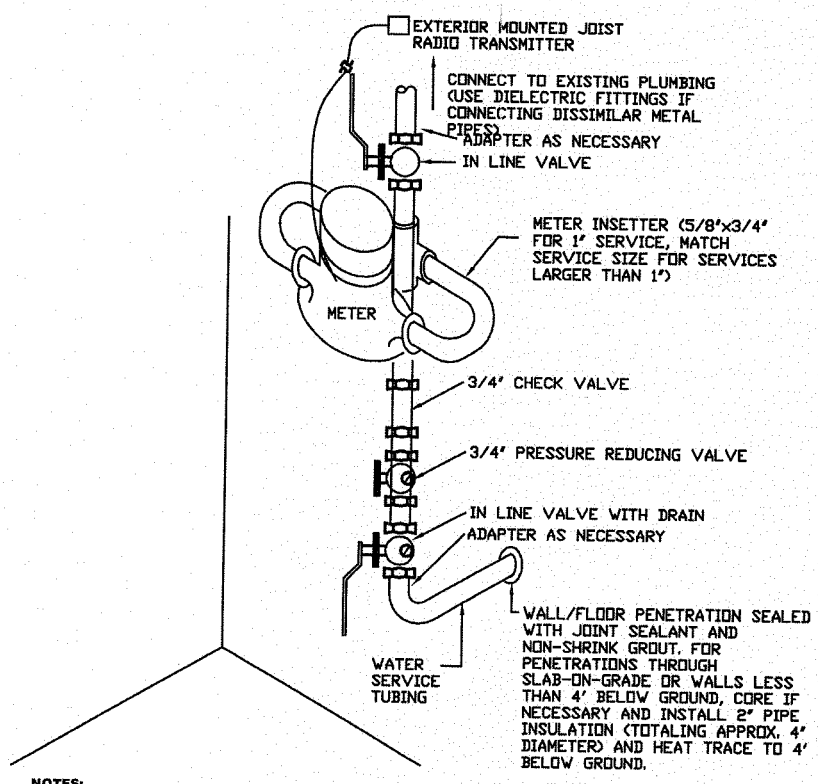
Contract Drawing Reference No.	
Town of Pamelia	SERVICE LATERAL DETAIL



TYPICAL TRENCH AND PIPE BEDDING DETAIL

NOT TO SCALE

Contract Drawing Reference No. Town of Pamelia	TYPICAL LOCATION MAP DETAIL



NOTES:

ONLY BRASS, COPPER, PEXa, OR HDPE PIPE AND BRASS FITTINGS.

METER SHALL BE INSTALLED AS CLOSE AS REASONABLY POSSIBLE TO "POINT OF ENTRY" OF WATER SERVICE TO BUILDING. MODIFY EXISTING PIPING AS NECESSARY SO THAT ALL CONNECTIONS ARE AFTER THE WATER METER.

METER SHALL BE INSTALLED LEVEL. CONTRACTOR TO PROVIDE METER HORNS IF NECESSARY.

METER AND RADIO TRANSMITTER TO BE FURNISHED BY OWNER, INSTALLED BY CONTRACTOR.

METER VALVES AND FITTINGS FOR 1" SERVICE SHALL BE 3/4". METER VALVES AND FITTINGS FOR SERVICES LARGER THAN 1" SHALL MATCH SERVICE SIZE.

FOR 3/4" PRV INSTALLATIONS, PRV SHALL BE INSTALLED UPSTREAM OF METER AND AFTER THE FIRST VALVE. PAYMENT FOR PRV INSTALLATION SHALL INCLUDE ALL ADDITIONAL WORK TO INSTALL 3/4" PRV AND SHALL BE INCLUDED IN THE BID ITEM FOR FURNISH AND INSTALL 3/4" PRV. PRV SHALL BE ZURN MODEL 70XL, OR EQUAL. PRV'S SHALL BE INSTALLED IN HIGH PRESSURE AREAS AS DETERMINED BY ENGINEER.

WATER SERVICE CONNECTION TYPE A DETAIL (INTERIOR)

NOT TO SCALE

Barton & Loguidice

Date	Scale
MAY, 2023	AS SHOWN

TOWN OF PAMELIA
CONSOLIDATED WATER DISTRICT NO. 1
CONTRACT NO. 1 – GENERAL CONSTRUCTION

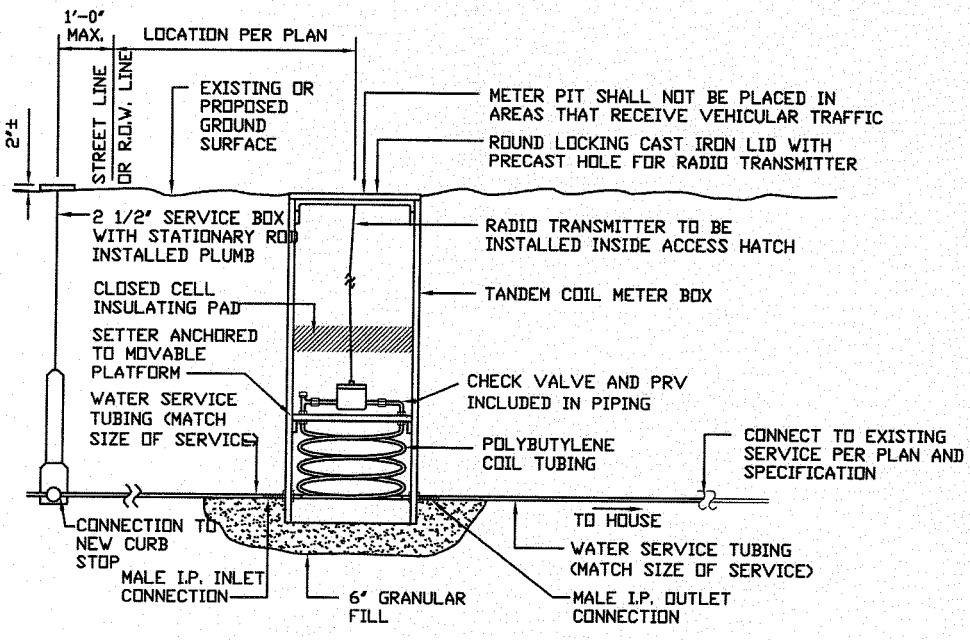
TYPICAL IN-HOUSE METER INSTALL

TOWN OF PAMELIA JEFFERSON COUNTY, NEW YORK

Figure Number SK-1

Project Number 1899.002.003

Plotted: May 01, 2023 - 3:48PM SYR By: tjj
Z:\BL-Vault\D2\18217A02-1C71-4823-8927-99D5C4054147\0\2005000-2005999\2005301\LL\Adams WWTP SK-1 (ID 2005301).dwg



NOTE:

1. METER & RADIO TRANSMITTER TO BE FURNISHED NY OWNER AND INSTALLED BY CONTRACTOR.
2. WATER SERVICE TUBING SHALL BE PEXa OR HDPE.
3. WATER METER SHALL BE ONE SIZE LESS THAN LATERAL SIZE (i.e.
4. 1" SERVICE = 3/4" WATER METER, 2" SERVICE = 1.5" WATER METER).
5. FOR 3/4" PRV INSTALLATIONS, PRV SHALL BE INSTALLED UPSTREAM OF METER AND AFTER THE FIRST VALVE. PAYMENT FOR PRV INSTALLATION SHALL INCLUDE ALL ADDITIONAL WORK TO INSTALL 3/4" PRV AND SHALL BE INCLUDED IN THE BID ITEM FOR FURNISH AND INSTALL 3/4" PRV. PRV SHALL BE ZURN MODEL 70XL, OR EQUAL. PRV'S SHALL BE INSTALLED IN HIGH PRESSURE AREAS AS DETERMINED BY ENGINEER.

WATER SERVICE CONNECTION TYPE B DETAIL (EXTERIOR)

NOT TO SCALE

Plotted: May 01, 2023 - 3:48PM SYR By: tij
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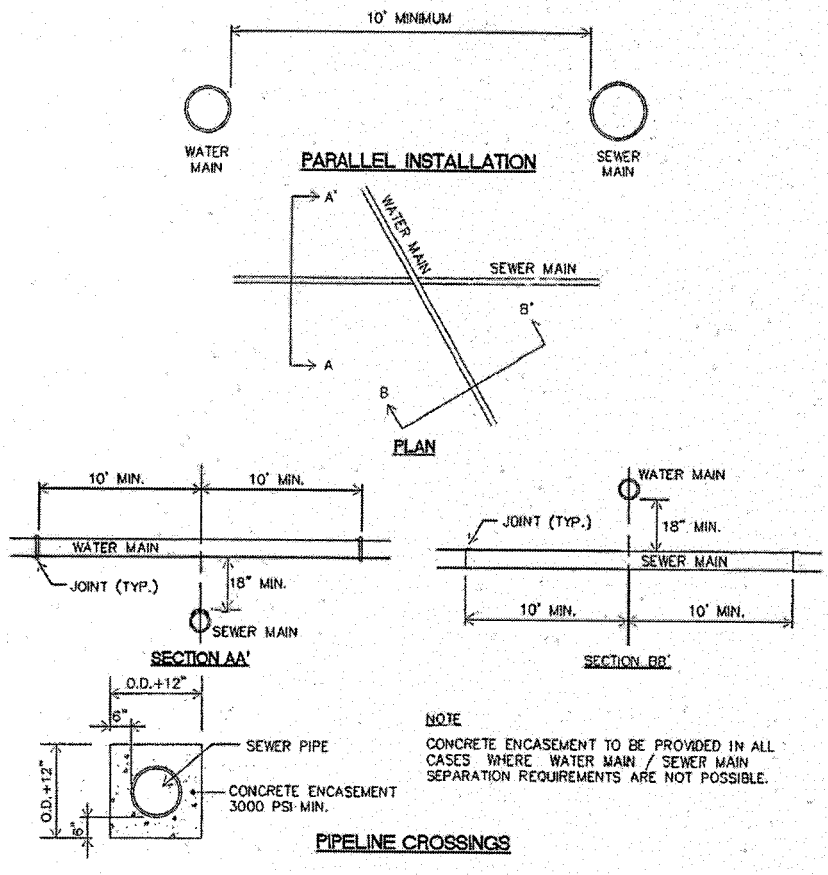
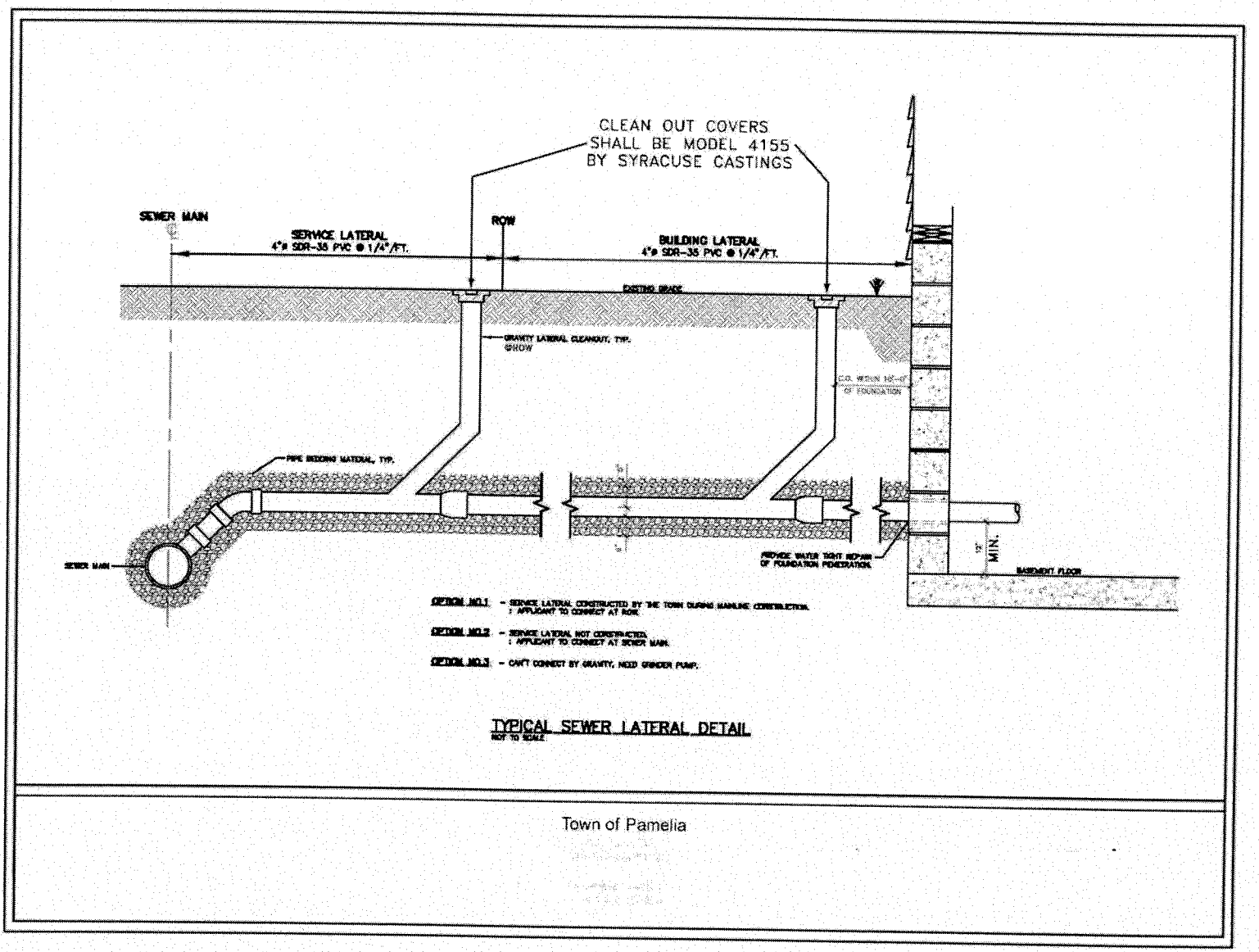
Barton & Loguidice		TOWN OF PAMELIA CONSOLIDATED WATER DISTRICT NO. 1 CONTRACT NO. 1 -- GENERAL CONSTRUCTION TYPICAL METER PIT INSTALL	Figure Number SK-1
Date MAY, 2023	Scale AS SHOWN	TOWN OF PAMELIA JEFFERSON COUNTY, NEW YORK	Project Number 1899.002.003



Typical Sewer and Water Main Separation Details

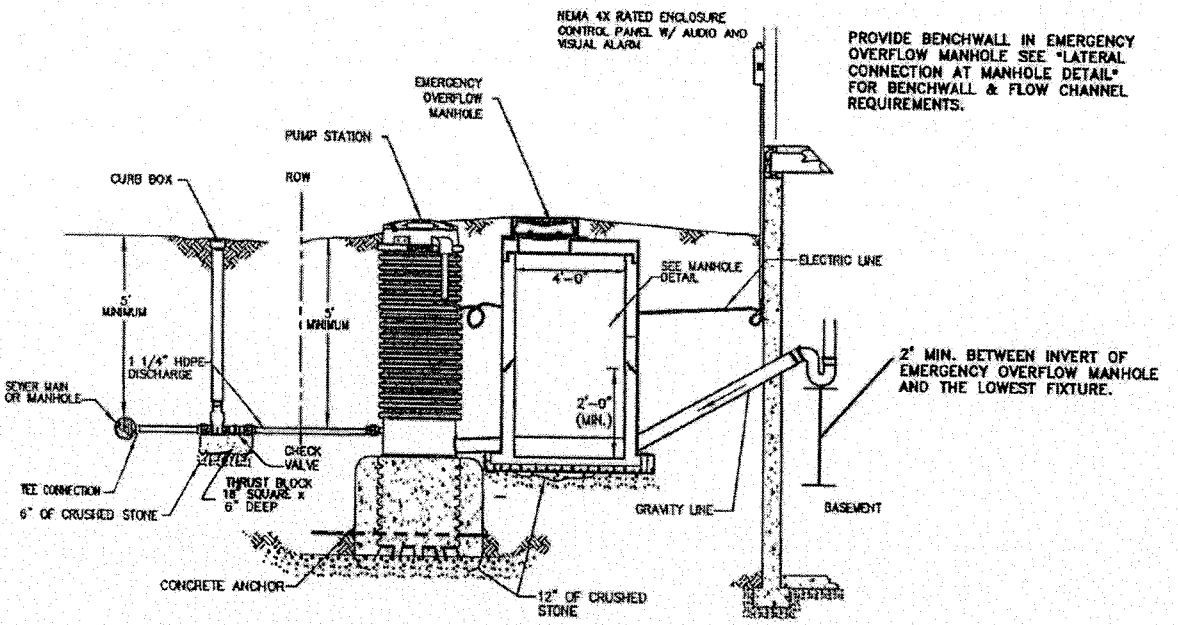
Town of Pamelia



TYPICAL SEWER LATERAL DETAIL

NOT TO SCALE

Town of Pamelia



1. DEPTH OF PUMP STATION SHALL BE AS PER EXISTING CONDITIONS. CONTRACTOR SHALL BE RESPONSIBLE TO SUPPLY AND INSTALL GRINDER PUMP STATION, AND OVERFLOW TANK BASED ON EXISTING CONDITIONS, AND DEPTH OF EXISTING LATERAL.
2. EMERGENCY OVERFLOW MANHOLE SHALL MEET SAME REQUIREMENTS AS SANITARY SEWER MANHOLES.

TYPICAL GRINDER PUMP LATERAL INSTALLATION (DUAL TANK)

NOT TO SCALE