

**LITTLE EGG HARBOR MUNICIPAL UTILITIES AUTHORITY**  
**WATER AND SEWER SERVICE LINE INSTALLATIONS**  
**4" & 6" DIAMETER SEWER SERVICES AND 3/4" TO 2" DIAMETER WATER SERVICES**

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**PROCESS**

1. Property owner identifies whether new water and/or sewer laterals are needed to service the property. The owner may contact the Authority to check for prior installation.
2. Property owner contracts for the construction of the water or sewer lateral installation.
3. An application is to be completed and submitted to the LEHMUA. The application will be approved upon receipt of the following:
  - a) Form Utility Service Installation Application
  - b) Certificate of Insurance in which the LEHMUA and Authority Engineer are named as additional insured
  - c) Hold Harmless Agreement Indemnifying the LEH MUA
  - d) Copy of Valid Road Opening Permit
  - e) Underground mark-out confirmation number
  - f) Connection Fee Paid
4. The property owner or contractor is to contact the Authority Engineer 72 hours in advance of the scheduled excavation.
5. The contractor is to remove the pavement and excavate to the main, carefully exposing the pipe for the tap. The excavation is to meet OSHA and PEOSHA standards.
6. The Authority is to supply the saddles.
7. The property owner/contractor is to construct the service from the tap to the curb line and set the clean-out or curb stop and box. See attached specifications for acceptable curb stops.
8. The inspection services provided by the Engineer will be for the excavation near pipelines, constructing the service line and backfilled 2' above the pipeline.
9. The property owner/contractor is responsible to backfill, compact, and pave the roadway in accordance with the Road Opening Permit from the Township, County, or State.
10. A W-9 for (Taxpayer Identification number and certification) is to be completed and submitted to Authority with this application.

**LITTLE EGG HARBOR MUNICIPAL UTILITIES AUTHORITY**  
**823 RADIO ROAD, P.O. BOX 660**  
**LITTLE EGG HARBOR, NJ 08087**  
**609-296-1168**

**UTILITY SERVICE INSTALLATION APPLICATION**  
**4" & 6" DIAMETER SEWER SERVICES AND 3/4" TO 2" DIAMETER WATER SERVICES**

Premises to be connected: Block \_\_\_\_\_ Lot \_\_\_\_\_ Qual \_\_\_\_\_

SERVICE ADDRESS: \_\_\_\_\_

Name of Owner: \_\_\_\_\_ Phone No. \_\_\_\_\_

Mailing Address: \_\_\_\_\_

WATER DEPOSIT	SEWER DEPOSIT
Connection Fee Paid _____	Connection Fee Paid _____
Inspection Fee Paid _____	Inspection Fee Paid _____
Check No. _____ Cash _____	Check No. _____ Cash _____
Service Size To Be Installed _____	Service Size To Be Installed _____

It is understood and agreed that the applicant/property owner has elected to install a SEWER and/or WATER service and that same will be installed at the sole expense of the applicant/property owner with no cost attaching to the Authority. The installation shall be made by a utility contractor.

It is also agreed that the Authority shall be the sole owner of the sewer and water services constructed from the main line to the property line/curb after it has been approved by the Authority.

The applicant/property owner is responsible for obtaining the necessary road opening permit(s) for construction of said service(s). A copy of the road opening permit(s) must be provided to the Authority before this application can be approved.

APPLICANT MUST CONTACT THE AUTHORITY ENGINEER to schedule an appointment for the inspection of the installation of the service(s) a minimum of 72 hours before construction begins. The LEHMUA will require a \$250.00 deposit per service (\$250 for water and \$250 for sewer) for inspection fees. Any charges beyond the deposit will be billed to the property owner of record. If the charges do not exceed the deposit, the balance will be returned to the applicant/property owner.

CONTRACTOR INSTALLING SERVICE(S) \_\_\_\_\_

Emergency Telephone Number of Contractor \_\_\_\_\_

CONTRACTOR PERFORMING INSTALLATION OF SERVICE(S) MUST SUBMIT A CERTIFICATE OF INSURANCE BEFORE APPLICATION CAN BE APPROVED. Attached is a copy of the Insurance Requirements.

The property owner shall hold the Authority harmless by reading, agreeing to, and executing the Indemnification on the back of this application.

**SIGNATURE OF PROPERTY OWNER** \_\_\_\_\_ **DATE** \_\_\_\_\_

**FOR OFFICIAL USE ONLY**

LEHMUA Account No. \_\_\_\_\_  
 Date Service Installation Application Received: \_\_\_\_\_  
 Township, County, or State Road Opening Permit No: \_\_\_\_\_ Date Received: \_\_\_\_\_  
 Date Certificate of Insurance Received: \_\_\_\_\_ Indemnification Signed \_\_\_\_\_  
 Underground Mark-out Confirmation No. \_\_\_\_\_

**Date Approved by LEHMUA**

**LEHMUA Approval Signature**

**APPOINTMENT SCHEDULED**

(WATER)	(SEWER)
Date _____ Time _____	Date _____ Time _____
Scheduled Date _____ Initials _____	Scheduled Date _____ Initials _____

INDEMNIFICATION

The permittee or their contractor shall defend, indemnify and save harmless, the Little Egg Harbor Municipal Utilities Authority from and against all losses, costs, damages, expense claims, or demands arising out of or caused or alleged to have been caused in any manner against claims arising from the operation of the permittee's contractor, subcontractor or agent's operations, by a defect in any equipment or materials supplied hereunder or by performing the permitted utility work herein provided, including all suits or actions of every kind of description brought against Little Egg Harbor Municipal Utilities Authority, either individually or jointly with the permittee for or on account of any damage or injury to any person or persons or property, caused or occasioned or alleged to have been caused by or on account of the performance of any work pursuant to or in connection with this permitted utility work or through any negligence or alleged negligence in guarding the work or through any act, omission or fault or alleged act, omission or fault of the permittee or their contractor, their employees or agents, or others under the permittee's control.

Signature of Property owner \_\_\_\_\_

Signature of Witness \_\_\_\_\_

# INSURANCE CERTIFICATE REQUIREMENTS

PROJECT: \_\_\_\_\_

			Limits of Liability in Thousands (000)		
Type of Insurance	Policy Number and Insurance Company	Policy Expiration Date	Amounts of Less than \$1,000,000 Will Not Be Acceptable	Amount Required	Amount Provided
				Each Occurrence	Each Occurrence
<p style="text-align: center;"><b>General Liability</b></p> <p><small>Afforded/Required</small></p> <input type="checkbox"/> <input checked="" type="checkbox"/> Comprehensive Gen. Form <input type="checkbox"/> <input checked="" type="checkbox"/> Premises – Operations <input type="checkbox"/> <input checked="" type="checkbox"/> Explosion & Collapse Hazard <input type="checkbox"/> <input checked="" type="checkbox"/> Underground Hazard <input type="checkbox"/> <input checked="" type="checkbox"/> Projects/Completed Operations Hazard <input type="checkbox"/> <input checked="" type="checkbox"/> Contractual Ins. (Blanket) <input type="checkbox"/> <input checked="" type="checkbox"/> Broad form Prop. Damage <input type="checkbox"/> <input checked="" type="checkbox"/> Independent Contractors <input type="checkbox"/> <input type="checkbox"/> Personal Injury			Bodily Injury	\$1,000	\$
			Property Damage	\$1,000	\$
			Bodily Injury and Property Damage Combined	\$1,000	\$
			Personal Injury	\$	\$
<p style="text-align: center;"><b>Automobile Liability</b></p> <input type="checkbox"/> <input checked="" type="checkbox"/> Comprehensive Form <input type="checkbox"/> <input checked="" type="checkbox"/> Owned <input type="checkbox"/> <input checked="" type="checkbox"/> Non – Owned  <input type="checkbox"/> <input type="checkbox"/> Garagekeepers Insurance (Without Regard to legal liability as direct coverage on a primary basis)			Bodily Injury (Each Person)	\$	\$
			Bodily Injury (Each Accident)	\$	\$
			Property Damage	\$	\$
			Bodily Injury and Property Damage Combined	\$1,000	\$
<p style="text-align: center;"><b>Excess Liability</b></p> <input type="checkbox"/> <input type="checkbox"/> Umbrella Form <input type="checkbox"/> <input type="checkbox"/> Other Than Umbrella Form			Bodily Injury and Property Damage Combined	\$	\$
<input type="checkbox"/> <input checked="" type="checkbox"/> Worker's Compensation and Employers' Liability	All States Endorsements		Statutory NJ Coverage \$100,000 / \$500,000		
			Minimum \$100,000	\$100,000	
<p><b>Remarks: Additional Insured ATIMA:</b></p>			<p><b>Little Egg Harbor Municipal Utility Authority, Remington, Vernick &amp; Vena, Authority Engineer, 823 Radio Road, P.O. Box 660, Little Egg Harbor, NJ 08087</b></p>		

The Insurance Certificate must indicate that, in the event of any material change in, cancellation of, or expiration of the policy or policies the Insurance Company agrees to give a written notice to the Little Egg Harbor Municipal Utility Authority, at the above address ten (10) days in advance of such change or cancellation.

The Insurance Certificate shall be properly executed and issued to the Little Egg Harbor Municipal Utility Authority certifying that the Insured has been issued a policy or policies with the Limits of Liability of at least the required amounts

**TO: INSURANCE PRODUCER**

Your client is required to provide a certificate of insurance to the Little Egg Harbor Municipal Utilities Authority for the coverages and amounts indicated on the reverse side of this form. It is important to your client that you respond quickly since the installation of utility services depend upon valid insurance. Additionally, the minimum amount and type of coverage shown on this form is not negotiable and is not intended to imply that is all the insurance necessary to protect him/her from all losses or liability. It is the Little Egg Harbor Municipal Utilities Authority's policy to require all persons or Utility Contractors performing any water and or sanitary sewer utility service installations, repair operations or a service in, on, or upon any property/premises or facilities under the Authority's care, custody and control to maintain the insurance coverage described below; such insurance must be obtained prior to the start of any such work.

- A. Comprehensive General Liability (CGL)  
This coverage must include: Premises-Operations, Products/Completed Operations Hazard, Contractual Insurance (Blanket Coverage), Broad Form Property Damage, Independent Contractors, and Personal Injury and all others shown on 'X' in the required column.

Minimum Coverage

Bodily Injury and Property Damage combined - as shown in the amount required column.

AMOUNTS OF LESS THAN \$1,000,000 WILL NOT BE ACCEPTABLE.

Contractual Insurance (Blanket Coverage)

Contractual Indemnification - Save Harmless Agreement which is incorporated into all Vouchers, General Purchase Agreements and Contracts.

- B. Automobile Liability - Comprehensive Form (or as shown on reverse side).

Minimum Coverage

Bodily Injury and Property Damage combined - as shown in the amount required column

- C. Worker's Compensation - As required by New Jersey State Statute  
and  
Employer's Liability (minimum \$100,000)

- D. Excess Liability  
Commercial Umbrella Form - \$1,000,000 preferred.

- E. Other Coverage(s)  
As shown on reverse side.

Important - Producer:

**THE CERTIFICATE MUST BE SIGNED BY THE AGENT OF THE INSURER OR CERTIFICATE WILL BE RETURNED.**

IT IS NECESSARY TO SUBMIT YOUR CLIENT'S COVERAGE THIRTY (30) DAYS PRIOR TO THE EXPIRATION OF THE EXISTING COVERAGE ON OUR CERTIFICATE ONLY; ALL OTHERS WILL BE RETURNED TO THE SUPPLIER AND SERVE TO DELAY FUTURE BUSINESS DEALINGS BETWEEN THE OWNER AND YOUR CLIENT

LITTLE EGG HARBOR MUNICIPAL UTILITIES AUTHORITY

WATER SERVICES  
3/4" - 2" DIAMETER

MATERIAL AND INSTALLATION SPECIFICATIONS

1.00 DESCRIPTION

Water services shall include the excavation and backfill for and the construction of water services for conveying potable water from the water main to and including the curb stop behind the curb or curb line, and restoration.

2.00 MATERIALS

2.01 Pipe

Pipe shall be 200 p.s.i. Polyethylene tubing per AWWA C-901, SIDR 7. Diameters for polyethylene tubing given shall be nominal for iron pipe size (I.P.S.). Installation shall include the use of stainless steel metal stiffeners.

Acceptable materials are as manufactured by:

- a. Endot/Yardley, Rockaway, NJ
- b. Mil Creek, Titusville, PA, or
- c. Polystar, Trenton, NJ

2.02 Saddles

Are to be supplied by the Authority

2.03 Curb Stops

Curb stops shall be of the ball valve type. These valves shall be of cast red brass containing 85% copper and 5% each tin, and zinc. The ball shall be Teflon or equal coated brass, and shall be held in position by the seal off-against seats of Buna N Rubber that are held securely in place with epoxy adhesive. Valves shall be water tight against flow in either direction. The waterway shall be no smaller than the nominal size of the valve and shall be smooth, with no abrupt changes in size to create resistance to flow. The stem that turns the ball shall exert no other force on it except to open or close the ball and shall be held securely in place by means of a bronze ring. The minimum diameter of the stem at the point of attachment to the valve body shall be as follows:

<u>Valve Size</u>	<u>Minimum Diameter</u>
3/4"	11/16"
1"	11/16"
1-1/2"	7/8"
2"	1"

The seal around the stem shall consist of two "O" rings. Each valve shall have a substantial T-head for the operation of opening and closing with a 90 degree turn of a standard slotted wrench. The stops or lugs for controlling the motion of the T-head shall be enclosed and properly positioned to line up the waterway through the ball with the water passage through the valve body.

Optional end connections shall be iron pipe threads, or pack joint (compression type) connections for copper, or plastic pipe. The valve shall be available in sizes from 3/4" through 2". The valve shall turn easily and shall be of quality construction throughout. Pack joint connections shall consist of a pack joint nut along with a stainless steel set screw in order to accommodate pipe that is not perfectly true-to-round. One piece nuts shall not be accepted. They shall be Ball Valve Curb Stops for iron pipe size (I.P.S.) polyethylene tubing with appropriate end connections to suit pipe being used

Acceptable materials are as manufactured by:

- a. Model B66 Ford - Meter Box Co., Wabash, Indiana
- b. Model B-20283 - Mueller Co., Decatur, Ill.
- c. Model 6100-33 Mac-Pak Compression, - A.Y. McDonald, Dubuque, Iowa

#### 2.04 Curb Boxes

Curb stop boxes shall be compatible for use with the curb stops as specified herein. The curb stop boxes shall be of the telescopic type and shall be of cast iron, and shall have an extended length of four feet. Lids will be of the two hole type.

Acceptable materials are as manufactured by:

- a. Model RB-35-48 - Quality Water Products, Maine
- b. Model 10314 - Mueller Co., Decatur, Ill.
- c. Model 5601 - A. Y. McDonald Manufacturing Co., Dubuque, Iowa

#### 3.00 METHODS OF CONSTRUCTION

##### 3.01 General

All materials installed shall be new which have at no time previously been used for any purpose whatsoever.

##### 3.02 Excavation and Backfill

Shall be as specified in the road opening permit. The depth of water services shall be 4'0", measured from the top of pipe to surface of ground previous to excavation or to proposed finished grade, except where additional depth is required due to interference by existing surface or subsurface utilities or structures or by connection to existing facilities.

##### 3.03 Location

The water service shall be located a minimum of five (5) feet away from other utilities. The pipe shall be laid perpendicular to the water main, unless otherwise permitted.

##### 3.04 Handling

All pipe and fittings shall be handled in such a manner to insure undamaged delivery and installation.

##### 3.05 Tapping

To be performed by the Contractor.



### 3.06 Laying Pipe

The pipe shall be thoroughly bedded and supported throughout its length and handled at all times in such a manner as to prevent any "kinks". Any damaged pipe shall be removed and replaced. The proper tools shall be used which shall be in new condition. Pipe shall be cut at right angles to axis, with all rough edges removed and with proper stiffeners joined in a watertight and permanent manner by experienced workmen. The interior of all pipe and fittings shall be kept clean at all times and protected against the entrance of any foreign materials. Under no conditions will all the pipe be laid in water.

### 3.07 Curb Box and Curb Stop

Shall be set level and plumb. The curb stop shall be properly bedded on a sound foundation, concrete block or brick to prevent turning or movement by contractors operations and shall be undisturbed on completion. They shall be set plumb and adjusted to proper level. The base shall be set so as to protect valve and not bear on piping.

The curb stop and box shall be located at or near the street curb or near the property line.

### 3.08 Tests

Entire installation must remain uncovered and tested under pressure. When installation is found tight in presence of inspector, backfilling may commence. The pressure applied shall be static pressure on main. Any defective material shall be removed and replaced.

LITTLE EGG HARBOR MUNICIPAL UTILITIES AUTHORITY

SANITARY SEWER LATERALS  
4" AND 6" DIAMETER

MATERIAL AND INSTALLATION SPECIFICATIONS

1.00 DESCRIPTION

Sewer laterals shall include the excavation and backfill for and the construction of sanitary sewer laterals for conveying sanitary sewage from a private property to the sewer main, including all restoration.

2.00 MATERIALS

2.01 Sewer Lateral Pipe Main to Curb

The sewer lateral pipe shall be SDR-35 Polyvinyl Chloride (PVC) with push-on water tight joints, meeting ASTM 3034 as manufactured by the following:

- a. CertainTeed, Valley Forge, PA
- b. J-M Manufacturing Co., Livingston, NJ
- c. National Pipe & Plastics, Hyde Park, NY

2.02 Saddles

Supplied by the Authority.

2.03 Clean-outs

The clean-out wye shall be a wye and a 45° street EI, designed for use with the lateral pipe, as manufactured by:

- a. CertainTeed, Valley Forge, PA
- b. J-M Manufacturing Co., Livingston, NJ
- c. National Pipe & Plastics, Hyde Park, NY

2.04 Fittings

Fittings shall be as required and be manufactured for use with the pipe used. The fitting shall be Polyvinyl Chloride (PVC) SDR-35, with push-on joints, meeting ASTM F477.

3.00 METHOD OF CONSTRUCTION

3.01 General

All materials installed shall be new which have at no time previously been used for any purpose whatsoever.

3.02 Excavation and Backfill

Shall be as specified in the Road Opening Permit. The depth of the clean-out shall be a minimum of 3' and a maximum of 8'.

### 3.03 Handling

All pipe and fittings shall be handled in such a manner to insure undamaged delivery and installation.

### 3.04 Tapping

To be performed by the Contractor.

### 3.05 Laying Pipe

The pipe shall be laid accurately to line and grade. Minimum slope shall be two (2) percent. Blocking or supporting of pipe by concrete, stones, bricks, wooden wedges, or other similar methods shall not be permitted. Each length of pipe shall be shoved home against the pipe previously laid and held securely in position.

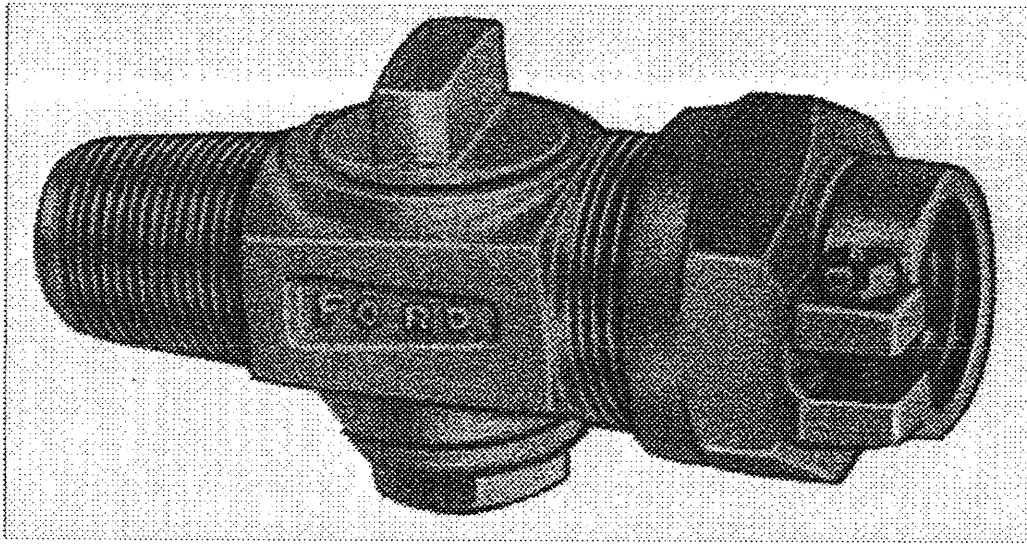
All laterals from the house side must be connected to the wye at the rear base of the fitting.

The vertical clean-out standpipe shall be one piece, from the wye to the cap. The clean-out shall be set at the proposed finished grade of the property. The clean-out cap shall be a threaded brass cap.

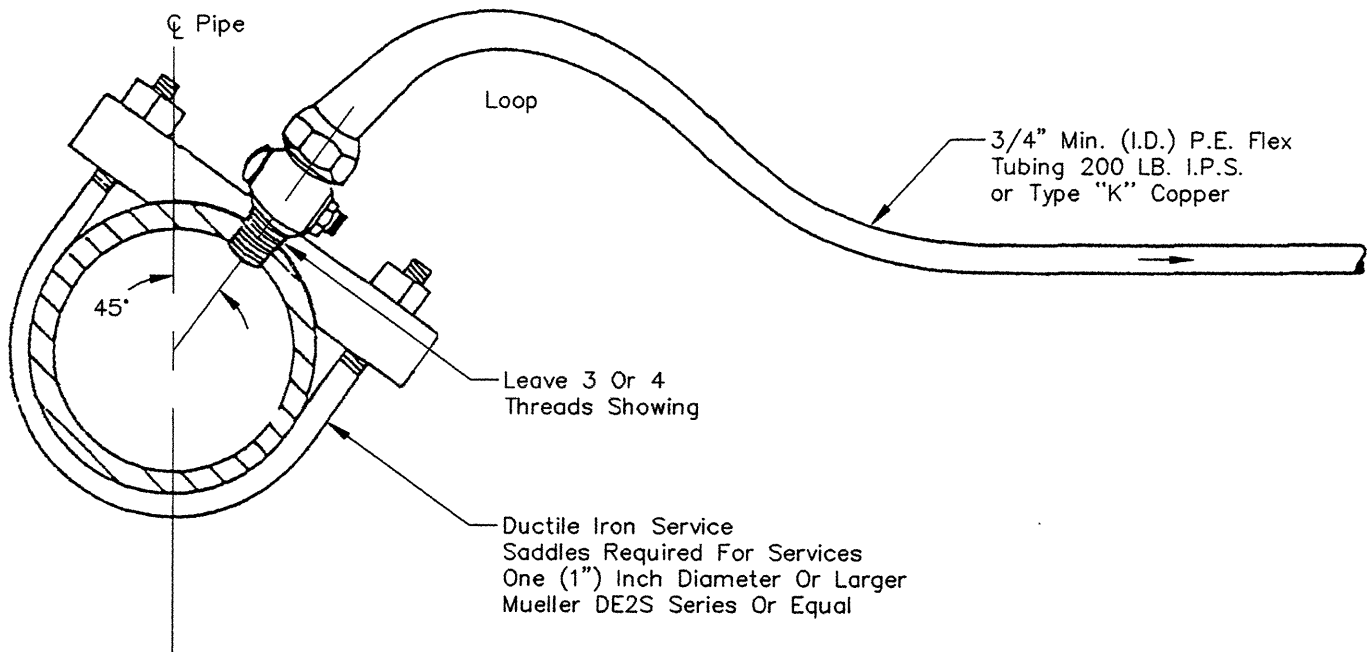
Clean out should be located at or near the street curb or near the property line.

### 3.06 Location

The sewer lateral shall be located a minimum of five (5) feet away from other utilities. The pipe shall be laid perpendicular to the sewer main, unless otherwise permitted.



Corporation Stop Ford Model F1001, McDonald Model No. 4701-T,  
Or Mueller No. H-15009 With S.S. Insert



## CORPORATION SHUT OFF DETAILS

LITTLE EGG HARBOR MUNICIPAL UTILITIES AUTHORITY

P.O. BOX 660  
LITTLE EGG HARBOR, NEW JERSEY 08087  
PHONE : (609) 296-1168



**REMINGTON, VERNICK & VENA**  
ENGINEERS

9 Allen Street • Toms River, New Jersey 08753 • (732) 286-9220

GA 278110

SCALE:  
N.T.S.

DATE:  
JULY 1997

DRAWN BY:  
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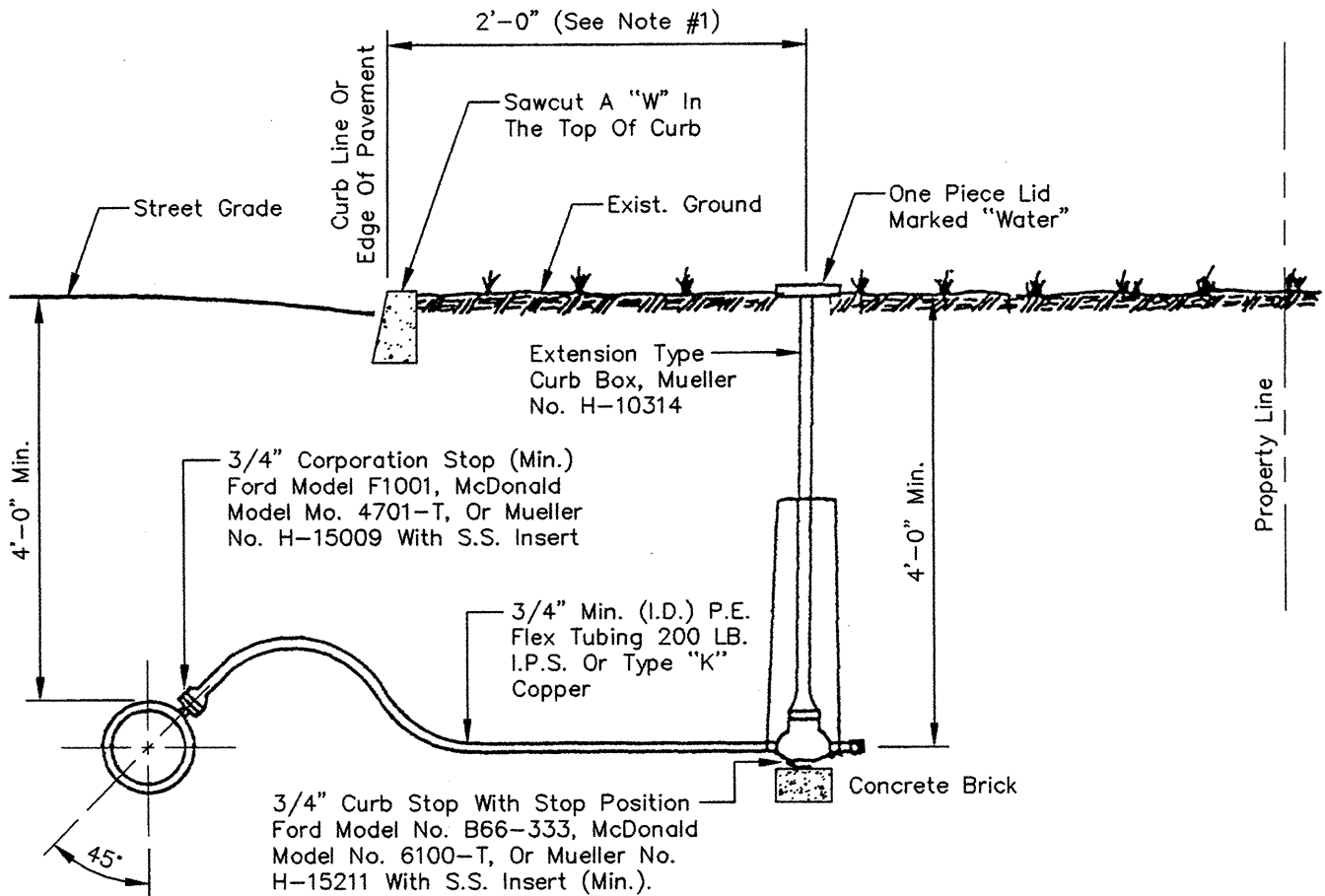
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PLATE No.

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**NOTES:**

1. Location Of Curb Stop And Box To Be In Planter Area Or One (1) Foot On Resident's Side Of Proposed Sidewalk And Never Outside Of Street R.O.W. Or Never In Concrete Or Paved Areas, Including Pavers, Interlocking Blocks, Bricks, Etc.
2. No Connection Shall Be Backfilled Until Written Approval Is Made By The Engineer Or His Representative. Violators Will Be Required To Expose The Work For Inspection Before Acceptance Of The Connection.
3. All Service Connections Shall Be Provided With A Remote Read-Out Type Water Meter As Approved By The M.U.A.
4. The Site Contractor Shall Extend The Service Piping To The Property Line.
5. Saddles Shall Be Used For Services One (1) Inch Or Larger. Saddle Manufacturer And Model No. Shall Be Smith Blair Model 317 Double Strapped Nylon Coated Or Equal.

## TYPICAL WATER SERVICE CONNECTION INSTALLATION

**LITTLE EGG HARBOR MUNICIPAL UTILITIES AUTHORITY**

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PHONE : (609) 296-1168

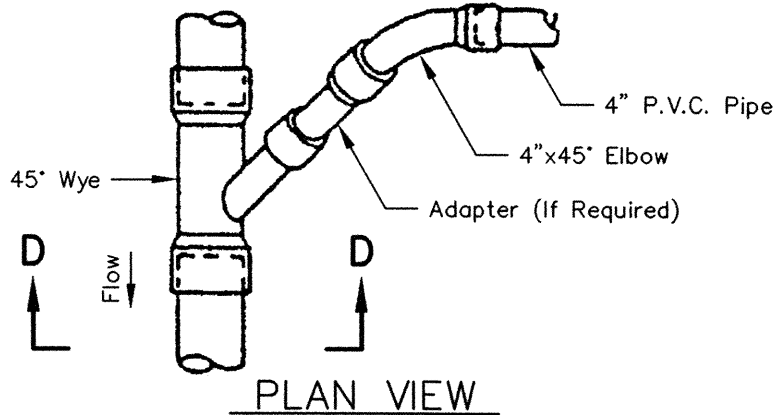


**REMINGTON, VERNICK & VENA**  
**ENGINEERS**

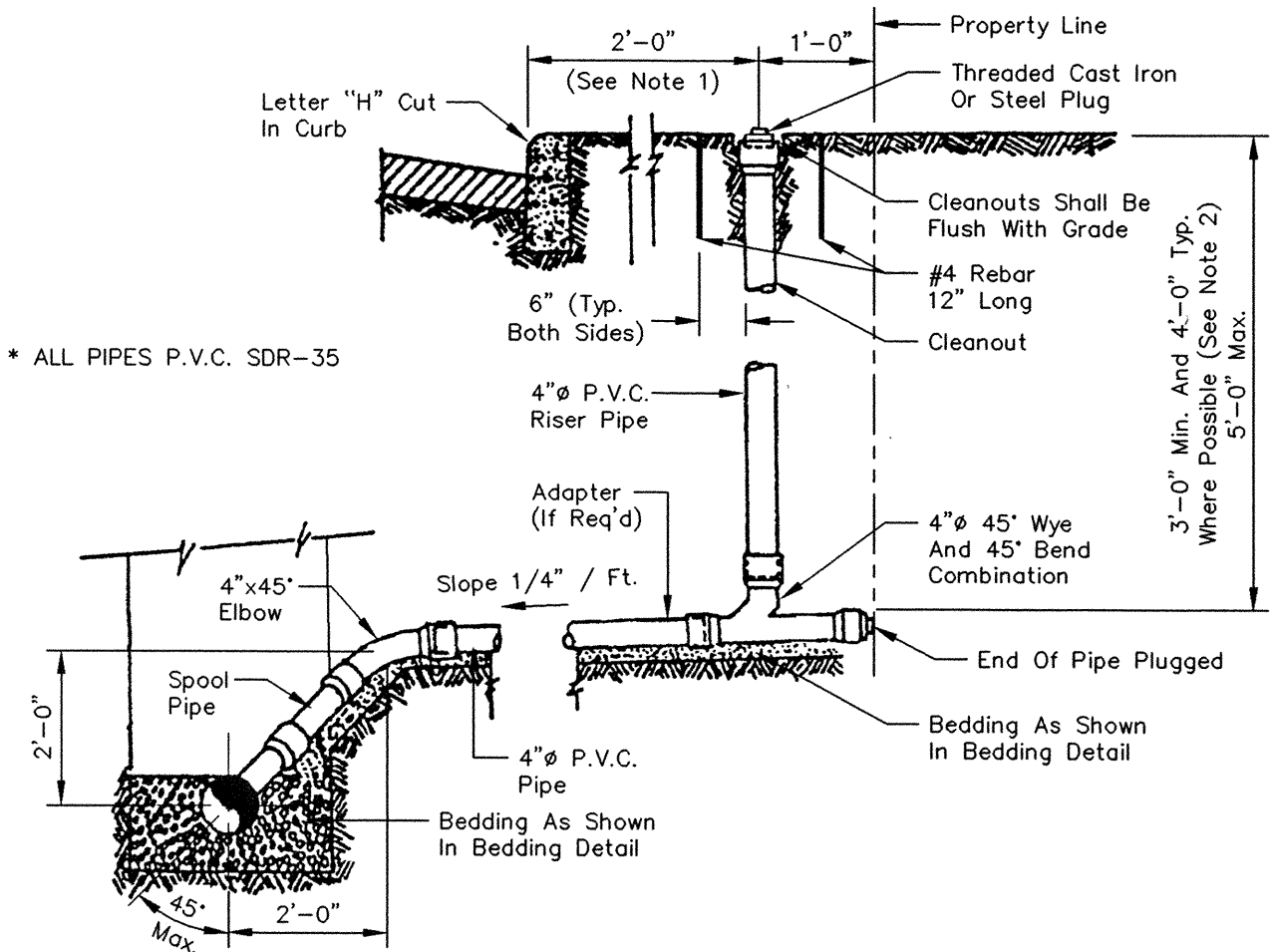
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SCALE: N.T.S.	DATE: JULY 1997	DRAWN BY: JB	CHK'D. BY: ABD	JOB No.: 1517-L-019	PLATE No. 5
				CAD FILE: W-PLATE5	



**STANDARD WYE FITTING SERVICE CONNECTION**



\* ALL PIPES P.V.C. SDR-35

**SECTIONAL ELEVATION "D-D"**  
**TYPICAL 4" SERVICE CONNECTION**

NOTES:

1. Cleanouts Are To Be Located Two (2) Feet From Curb In The Planter Area. Where Curbs Do Not Exist, Place Cleanout One (1) Foot Outside Of Property Line Within The R.O.W.
2. 1/4" Per Foot Slope Governs Over Conflicts With The 3 Foot Min. Cover Dimension.
3. All Couplings, Plugs, And Caps To Be Standard For Type Of Pipe Used And Installation To Be Watertight.

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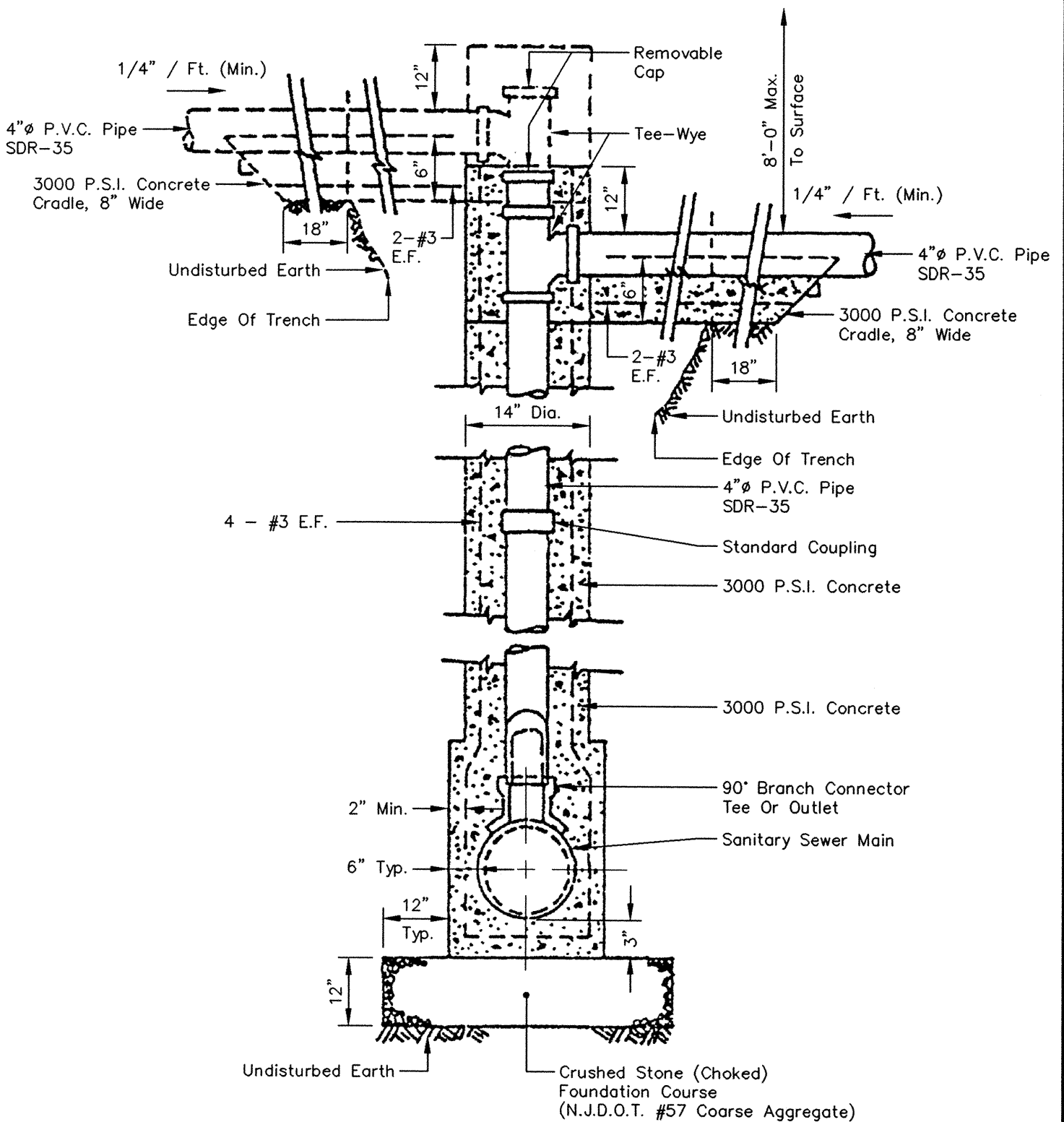
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PLATE No.

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ELEVATION

**DEEP SERVICE CONNECTION**

NOTE:

1. Encased Tee Section For Second House Connection Shown In Phantom.

LITTLE EGG HARBOR MUNICIPAL UTILITIES AUTHORITY

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CAD FILE: S-PLATE19

PLATE No.

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