



I, \_\_\_\_\_  
Customer Name (print)

HAVE READ AND RECEIVED A COPY OF  
NEW CANEY MUD'S RULES  
REGARDING SERVICE LINES AND CONNECTIONS.

\_\_\_\_\_  
CUSTOMER SIGNATURE

\_\_\_\_\_  
DATE

\_\_\_\_\_  
STREET ADDRESS  
NEW CANEY, TX 77357

\_\_\_\_\_  
NEW CANEY MUD REPRESENTATIVE



NEW CANEY MUNICIPAL UTILITY DISTRICT  
APPLICATION FOR SERVICE and SERVICE AGREEMENT

Type of Application: \_\_\_\_\_ Residential \_\_\_\_\_ Commercial

Name of Applicant: \_\_\_\_\_

Owner: \_\_\_\_\_

Valid Driver's License #: \_\_\_\_\_ State: \_\_\_\_\_ Expires: \_\_\_\_\_

Or Texas Identification Card #: \_\_\_\_\_ Expires: \_\_\_\_\_

Service Address: \_\_\_\_\_, New Caney, Texas 77357

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

Hm Phone #: \_\_\_\_\_ Wk Phone #: \_\_\_\_\_

Renting From: \_\_\_\_\_

Buying From: \_\_\_\_\_

If for Commercial Name of Business: \_\_\_\_\_

Type of Business: \_\_\_\_\_

Type of Service Requested: \_\_\_\_\_ In District \_\_\_\_\_ Out of District\*  
\_\_\_\_\_ Water \_\_\_\_\_ Wastewater

\* Application for Annexation is required prior to approval of this request.

Estimated date construction to begin: \_\_\_\_\_

Proposed acreage in development: \_\_\_\_\_

Estimated taxable value: \$ \_\_\_\_\_ Land \$ \_\_\_\_\_ Improvements

Will a tax exemption for all or any part of the property be sought? \_\_\_ Yes \_\_\_ No

If yes, explain: \_\_\_\_\_

Type of wastewater to be put in system: \_\_\_\_\_

Water/Wastewater capacity required: \_\_\_\_\_

Name and address of titleholder to referenced property: \_\_\_\_\_

Montgomery County Appraisal District Tax I.D. Number: \_\_\_\_\_  
(If request is for more than one parcel, please provide all parcel numbers)

**SECTION I. PURPOSE.** The New Caney Municipal Utility District (the "District") is responsible for protecting the drinking water supply from contamination or pollution, which could result from improper plumbing practices. The purpose of this service agreement is to notify each customer of the plumbing restrictions, which are in place to provide this protection. The District enforces these restrictions to ensure public health and welfare. Each customer must sign this Agreement before the District will begin service. In addition, when service to existing connection has been suspended or terminated, the District will not re-establish service unless the District has a signed copy of this Agreement.

**SECTION II. PLUMBING RESTRICTIONS.** The following plumbing practices are *prohibited* by State regulations:

1. Connection between the District's system and a potential source of contamination. Potential sources of contamination shall be isolated from the District's system by an air-gap or an appropriate backflow prevention device.
2. Cross-connection between the District's system and a private system. These potential threats to the District's system shall be eliminated at the service connection by the installation of an air-gap or a reduced pressure-zone backflow prevention device.
3. Connection which allows condensing, cooling, or industrial process water to be returned to the District's system.
4. Pipes or pipe fittings which contain more than 8.0% lead used for the installation or repair of plumbing at any connection, which provides water for human use.
5. Solder or flux which contain more than 0.2% lead used for the installation or repair of plumbing at any connection, which provides water for human use.

**SECTION III. SERVICE AGREEMENT.** The following are the terms of this Water and Waste Water Service Agreement between New Caney Municipal Utility District (the "District") and \_\_\_\_\_ (the "Customer"):

1. The District shall maintain a copy of this Agreement as long as the Customer and/or property is connected to the District's system.
2. By application for service to the District's system, the Customer shall be deemed to be granting to the District and its representatives a right to ingress and egress to and from the meter or point of service for any installation, maintenance, and repair as the District, in its judgment, may deem reasonably necessary. The Customer shall also be deemed to be granting to the District and its representatives a right of ingress and egress to the Customer's premises, for the purpose of performing any inspections and completing the Customer Service Inspection Certificates required by the District's Rules and Regulations.
3. Connections shall not be made to the District's system or portions of the District's system until the District or its designated representative has certified that the system or applicable portion thereof is operable.

4. The Customer shall allow the District or its representatives prior to initiating service and periodically a right to ingress and egress for inspection for possible cross-connection or any other prohibited plumbing practices. Such inspections shall be done during the District's normal business hours.
5. The District shall notify the Customer in writing of any cross-connection or any other prohibited plumbing practices, which has been identified during the initial inspection or during the periodical inspections.
6. The Customer shall be responsible, at own expense, for properly installing, testing, maintaining any backflow prevention device required by the District. Copies of all testing and maintenance records shall be provided to the District within ten (10) days of such testing and maintenance.
7. The Customer shall be responsible, at own expense, for properly installing caps on all cleanouts and meter boxes installed over meter that is level with the ground prior to termination. The District shall inspect the property to verify that the sewer connection line is capped and there is not any existing damage to the meter box prior to termination. The District shall notify the customer if any repairs are necessary and customer shall make such repairs within three (3) days of notification if not then District shall make necessary repairs and deduct costs from the Customer's deposit.

**SECTION IV. DEPOSITS.** All customer accounts are required to have a service deposit. All deposits shall be held by the District until all water and/or sewer service shall have been terminated. Upon termination of service, the deposit shall be refunded in full providing the current balance owed the District for all water and sewer service shall be paid in full. In the event any outstanding balance exists at the time of termination of service on any account with the District, the customer's deposit will be applied to the outstanding balance.

Deposits from rental properties, mobile homes, and commercial properties shall be refunded at the time termination of water and/or sewer service provided that the sewer connection line is capped and there is not any existing damage to the meter box and current balance owed the District for all water and sewer service is paid in full. All cleanouts must have proper cleanout caps and meter boxes must be installed over meter that is level with the ground prior to termination. The District shall inspect the property to verify that the sewer connection line is capped and there is not any existing damage to the meter box prior to termination. The District shall notify the customer if any repairs are necessary and customer shall make such repairs within three (3) days of notification if not then District shall make necessary repairs and deduct costs from the deposit.

The amount of deposit shall be as follows:

Single-family residence (owned by customer)	\$100.00
Single-family residence (rented by customer)	\$300.00
Commercial, less than 10,000 gallons per month expected consumption per single unit	\$300.00

Commercial, high consumption, over 10,000 gallons per month, or multi-unit (car wash, laundry, food service, service station, apartments, mobile homes, etc.) deposit based on the total of two (2) months average bill of similar business.

**SECTION V. ENFORCEMENT.** If the Customer fails to comply with the terms of this Agreement, the District shall terminate service or properly install, test and/or maintain an appropriate backflow prevention device at the service connection site. The Customer shall be responsible for any costs associated with the enforcement of this Agreement.

NOTE: THE PURPOSE OF THIS CUSTOMER AGREEMENT IS TO NOTIFY CUSTOMERS OF THE PLUMBING RESTRICTIONS AND REQUIREMENTS TO PROTECT THE DISTRICT'S WATER SUPPLY SYSTEM. INSPECTIONS CONDUCTED BY THE DISTRICT OR ITS REPRESENTATIVES IN ACCORDANCE WITH THIS SERVICE AGREEMENT ARE FOR THE SOLE PURPOSE OF DISCOVERING AND ELIMINATING UNACCEPTABLE PLUMBING PRACTICES. THE DISTRICT OR ITS REPRESENTATIVES MAKE NO REPRESENTATION AS TO THE ADEQUACY, QUALITY, OR FITNESS OF THE CUSTOMER'S PRIVATE PLUMBING FACILITIES.

**Applicant agrees that it shall notify the District if any of the above information should change during the Application process. The District reserves the right to deny or terminate service if any information in this application or submitted in connection with an Application is false, misleading, or incomplete. Applicant agrees to the terms of the District's Policy, including the obligation to reimburse the District for costs and expenses incurred in the processing of the Application.**

Signature of Applicant: \_\_\_\_\_ Date: \_\_\_\_\_

Signature of Owner: \_\_\_\_\_ Date: \_\_\_\_\_

**Please attach a small map to the Application indicating proposed location of project and boundaries of subject tract.**

**NEW CANEY MUNICIPAL UTILITY DISTRICT  
APPLICATION FOR SERVICE  
FOR DISTRICT USE ONLY**

Deposit Collected: \_\_\_\_\_ Yes \_\_\_\_\_ No Feasibility: \$ \_\_\_\_\_

Additional Deposit: \_\_\_\_\_ Yes \_\_\_\_\_ No Amount: \$ \_\_\_\_\_

Annexation Required: \_\_\_\_\_ Yes \_\_\_\_\_ No

Operator's recommendation: \_\_\_\_\_  
\_\_\_\_\_

Engineer's recommendation: \_\_\_\_\_  
\_\_\_\_\_

Amount of service requested: \_\_\_\_\_

Tap Fee Required: \_\_\_\_\_ Yes \_\_\_\_\_ No Amount: \$ \_\_\_\_\_

Tap Fee Paid: \_\_\_\_\_ Yes \_\_\_\_\_ No

Additional consideration: \_\_\_\_\_



**RULES AND REGULATIONS  
GOVERNING  
HOMES AND COMMERCIAL SEWER LINES AND CONNECTIONS**

1. At the time of application for a connection, New Caney MUD (the "District") shall furnish designated wooden stakes. The property owner shall securely place the stakes at the desired location on the property line adjoining the street of each utility. The District shall attempt to accommodate the property owner's location; however, due to the location of main line joints and other obstructions, the final location may vary.
2. All water and sewer lines shall be in separate trenches with a minimum lateral horizontal separation of nine (9) feet from outside of pipes.
3. All sewer lines shall be installed in a trench with a minimum width of twelve (12) inches and the beginning of the pipe must have 2" cover at house. The pipe shall be embedded up to its centerline or spring line after installation and verification of the proper grade. Bedding and embedment shall be with granular sandy materials without excessive clay content or fines.
4. All sewer lines shall have the correct grade or fall away from the building and shall be inspected prior to being covered. Water meters shall remain locked and off until the sewer and water main has been installed and has passed inspection and is properly backfilled and covered.
5. The District's personnel or their authorized representatives shall have access to the cleanout near the property line at all times for maintenance and inspection. The property owner shall have the responsibility for maintaining the cleanout and ensuring that the plug is securely in place at all times to prevent the entrance of storm water or sediment (unauthorized discharges).
- 6a. For new construction, the sewer line shall be installed with proper grade from the District's connection at the property line to the building prior to inspection by the District. It shall be left uncovered for inspection.
- 6b. For new construction the water main shall be installed from water meter to building and hooked up, leaving the trench open for the District inspector to inspect.
7. For existing construction, the sewer line shall be installed from the District's connection at the property to the house line, the septic tank shall be drained and filled with soil, and the septic tank inlet line shall be plugged with cement grout.
8. All pipe joints including the cleanout adapters shall be securely glued in place prior to inspection.
9. Provide a minimum of six (6) inches of straight pipe between each fitting. All bends shall be 45 degrees or less.
10. If the sewer installation fails to pass inspection, the property owner shall reschedule and pay for another inspection. For new connections, the water service shall not start until the sewer has passed inspection.



**NEW CANEY MUNICIPAL UTILITY DISTRICT**

The following regulations are to govern the installation of all sanitary connections within New Caney Municipal District.

**I. SERVICE LINE**

- A. Service line is defined as the sewer from the foundation of the house or commercial building to the sewer line owned by the District.
- B. Only one service line connection to the District's sanitary sewage collection system is permitted for each residence or commercial buildings.
- C. Only the following types of pipe and fitting materials are approved for construction service lines. Pipe and fittings in each individual service line will be of identical material.
  - 1. Poly (vinyl chloride) (PVC) pipe conforming to ASTM specification D3034 and installed according to ASTM 2321, SDR 35 or better.
- D. Minimum sizes of service lines shall be as follows:
  - 1. Residential – 4 inches in diameter.
  - 2. Commercial – 6 inches in diameter.
- E. Minimum grades for service lines shall be as follows:
  - 1. 4-inch pipe – one foot drop per hundred feet (1%).
  - 2. 6-inch pipe – six inches drop per hundred feet (0.5%).
  - 3. 8-inch pipe – four inches drop per hundred feet (0.33%).
- F. Maximum grades for service lines shall be as follows:
  - 1. 4-inch pipe – maximum drop of 24" per hundred feet.
  - 2. 6-inch pipe – one and one-half feet drop per hundred feet (1.5%).
  - 3. 8-inch pipe – one foot drop per hundred feet (1%).
- G. Construct service lines to true alignment and grade. Warped and sagging lines will not be permitted.

**II. CONNECTION OF BUILDING SEWER OUTLET TO SERVICE LINES**

- A. Building tie-on connection will be made directly to the stub-out from the building plumbing at the foundation on all waste outlets.
- B. Watertight adapters of a type compatible with the materials being joined will be used at the point of connection of the service line to the building plumbing. No cement grout materials are permitted.
- C. Existing "wye" and stack connections must be utilized for connection of the service line to the sewer main unless the District's operator permits an exception.

**III. FITTINGS AND CLEANOUTS**

- A. No bends or turns at any point will be greater than 45 degrees.
- B. Each horizontal service line will be provided with a cleanout at its upper terminal; and such run of piping which is more than ninety (90) feet in length will be provided with a cleanout for each ninety (90) feet or fraction thereof, in the length of such piping.
- C. Each cleanout will be installed so that it opens in a direction with the flow of the waste and except in the case of "wye" branch and end-of-the-line cleanouts, cleanouts will be installed vertically above the flow line of the pipe.
- D. Cleanout will be made with airtight mechanical plug.

**IV. CONNECTION PERMIT**

- A. Application for Sanitary Sewer Service must be filed prior to construction of the service line. (Applicant forms are available from the District's office.) Construction must not begin until authorized by the District.
- B. When the service line is complete, and prior to back filling the pipe trench, the applicant for sewer service shall request an inspection of the installation. Requests for inspections shall be made to the District's operator twenty-four (24) hours in advance of the inspection.
- C. The physical connection to the District's sewer main will be made by use of an adapter of a type compatible with materials being joined. The connection shall be watertight. No cement grout materials are permitted.
- D. All cleanout caps must be glued in place and have a threaded plug that will screw out of adapter for the lines to pass inspection.
- E. Backfilling of the service line trench must be accomplished within twenty-four (24) hours of inspection and approval. No debris will be permitted in the trench.
- F. A connection permit will be granted after inspection confirms that all requirements of these Rules and Regulations have been met.



**V. EXCLUDED FLOW AND WASTE**

- A. Waste material, which is not biologically degradable, will not be permitted to discharge into the District's sewage facilities, including mud and debris accumulated during service line installation.
- B. No downspouts, yard or street drains, or gutters will be permitted to connect into the District's sanitary sewer facilities.
- C. Swimming pool connections will not be made to the District's sewer system.

**VI. VIOLATION/FINES**

- A. Failure to adhere to the preceding construction regulations will occasion a fine of Fifty Dollars (\$50.00 per violation to be paid by the builder or owner to the District.)

**VII. GREASE TRAPS COMMERCIAL – FOOD SERVICE**

- A. Any commercial business that will be preparing and/or cooking food shall be required to install a grease trap in accordance with the City of Houston's specifications. (See Attachment)
- B. The grease trap shall be pumped approximately every 90 days and a copy of the Manifest Report is to be mailed to NCMUD.
- C. Failure to comply will result in the District having it pumped at the owner's expense.

**VIII. REDUCED PRESSURE VALVE**

- A. All commercial taps require a Reduced Pressure Valve B.F.P. set within 12 inches of meter on customer's side of meter and with 18 inches of clearance under valve.
- B. A licensed person must calibrate a Reduced Pressure Valve B.F.P. and NCMUD must be furnished with a certified copy upon installation.
- C. The valve must be calibrated annually and NCMUD will be furnished a certified copy for our records.

**COMMERCIAL LINES**

- (1) **Minimum size.** No sewer other than house laterals and force mains shall be less than six inches in diameter.
- (2) **Hydraulic slopes.** All sewers shall be designed and constructed with hydraulic slopes sufficient to give a velocity when flowing full of not less than two feet per second. The grades shown in the following table are based on Manning's formula with an assumed "n factor" of 0.013 and constitute minimum acceptable slopes.

SIZE OF PIPE IN INCHES I.D.	FALL IN FEET PER 100 FEET OF SEWER
6	0.50
8	0.33
10	0.25
12	0.20
15	0.15
18	0.11
21	0.09
24	0.08
27	0.06
30	0.055
33	0.05
36	0.045
39	0.04
>39	*

For lines larger than 39 inches diameter, the slope may be determined by Manning's formula (as shown in this paragraph) to maintain a minimum velocity of two feet per second when flowing full.

$V = (1.49/n) (R_h^{2/3}) (S^{1/5})$ , where:

V = velocity (ft/sec)

n = Manning's roughness coefficient (0.013)

R<sub>h</sub> = hydraulic radius (ft)

S = slope (ft/ft)

- (3) **High velocity protection.** Where velocities greater than 10 feet per second are likely to be attained, special provision shall be made to protect against pipe displacement by erosion and/or shock.
- (4) **Alignment.** Sewers shall be laid in straight alignment with uniform grade between manholes. Deviations from straight alignment and uniform grade shall be justified to the satisfaction of the District.

## New Caney MUD requirement for Sanitary connection

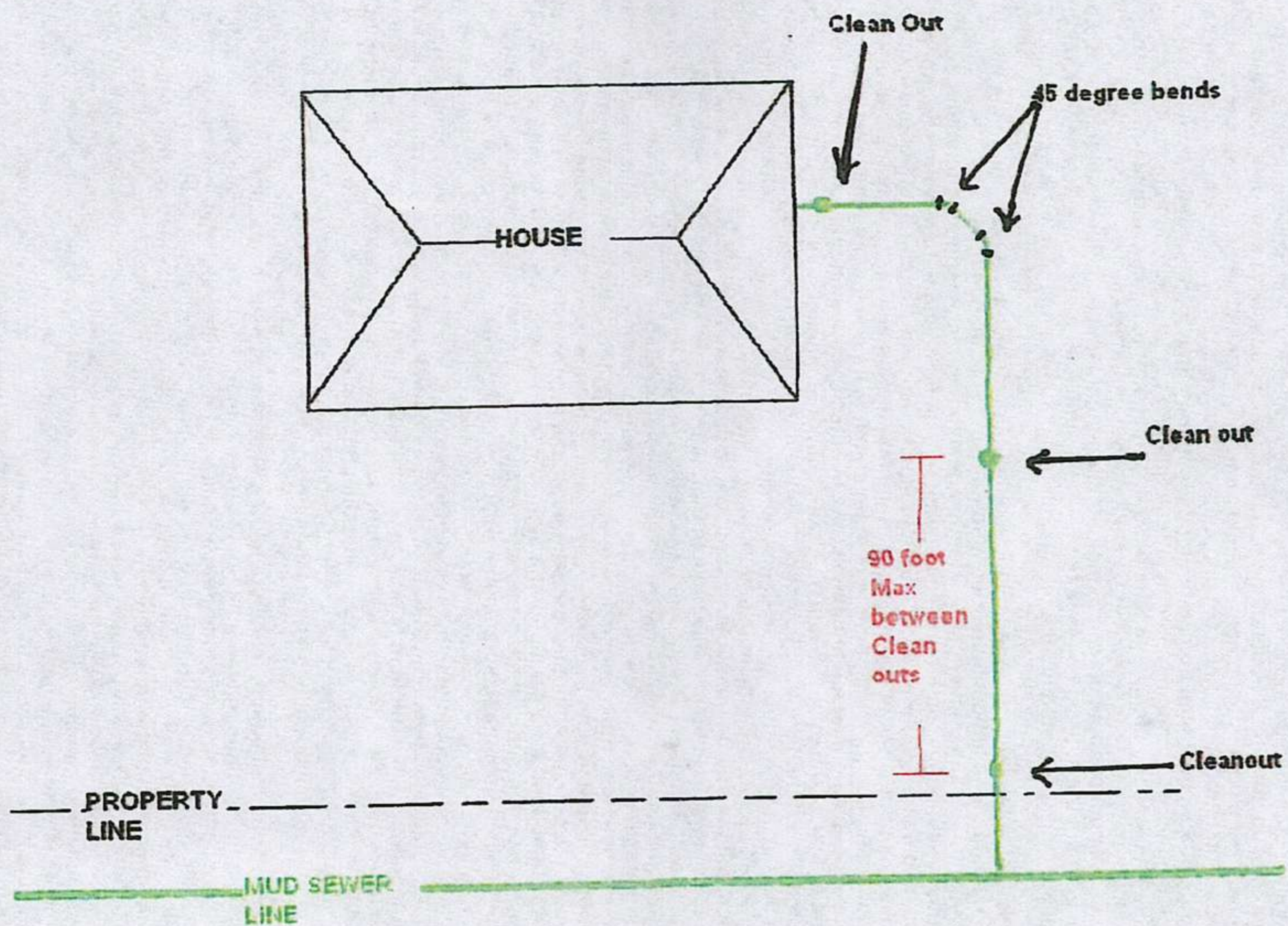
Service line material shall be 4" (PVC) SDR 35 or greater pipe. Fittings shall be PVC gravity sewer fitting solvent weld (glued) or gasket joint. Schedule 40 pipe is acceptable

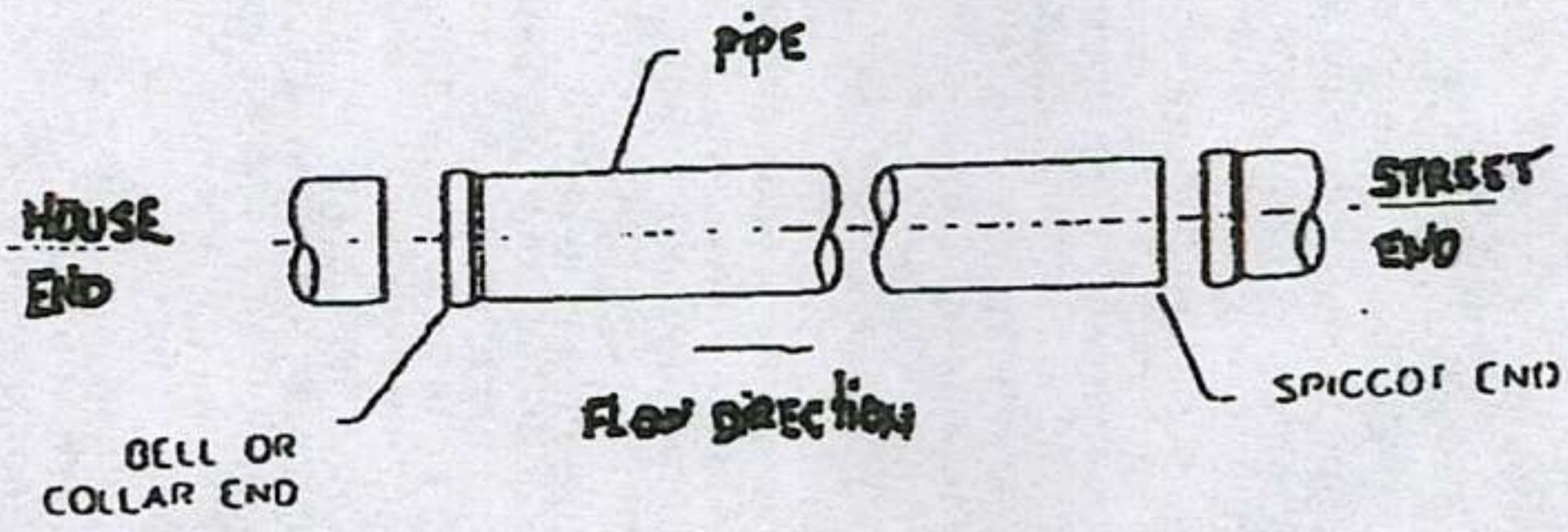
Clean outs shall be provided at 1 foot inside property line and within 5 feet of the house connection

And no more than 90' between each clean out. Example- if the service line is 100 foot long you will need 3 clean outs.

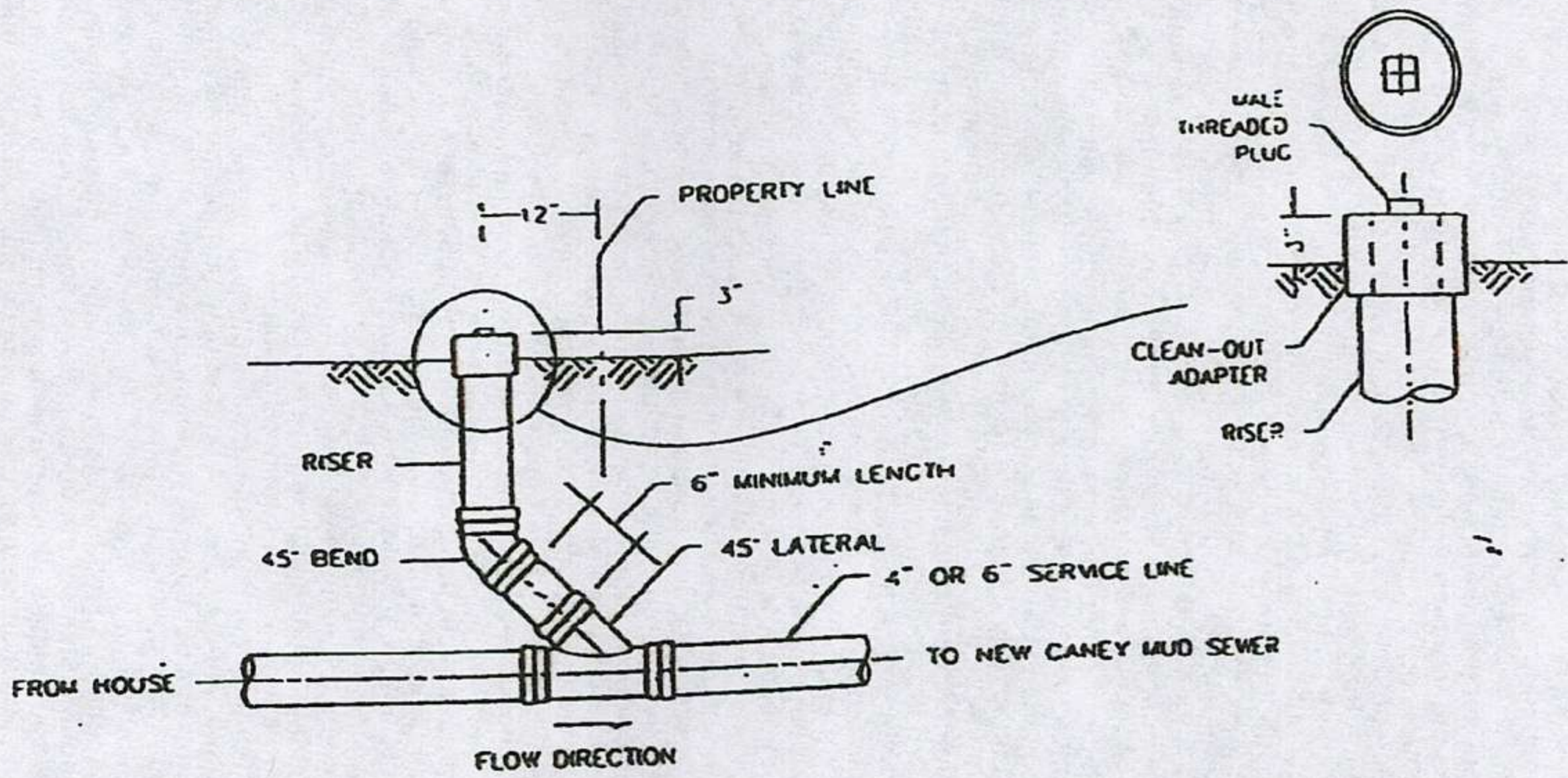
The connection at the house may use a flex coupling type adapter only if the clamps are stainless steel and the body of the coupling is at least 4 inches long.

Pipe and fittings shall be primed and glued to manufactures instructions

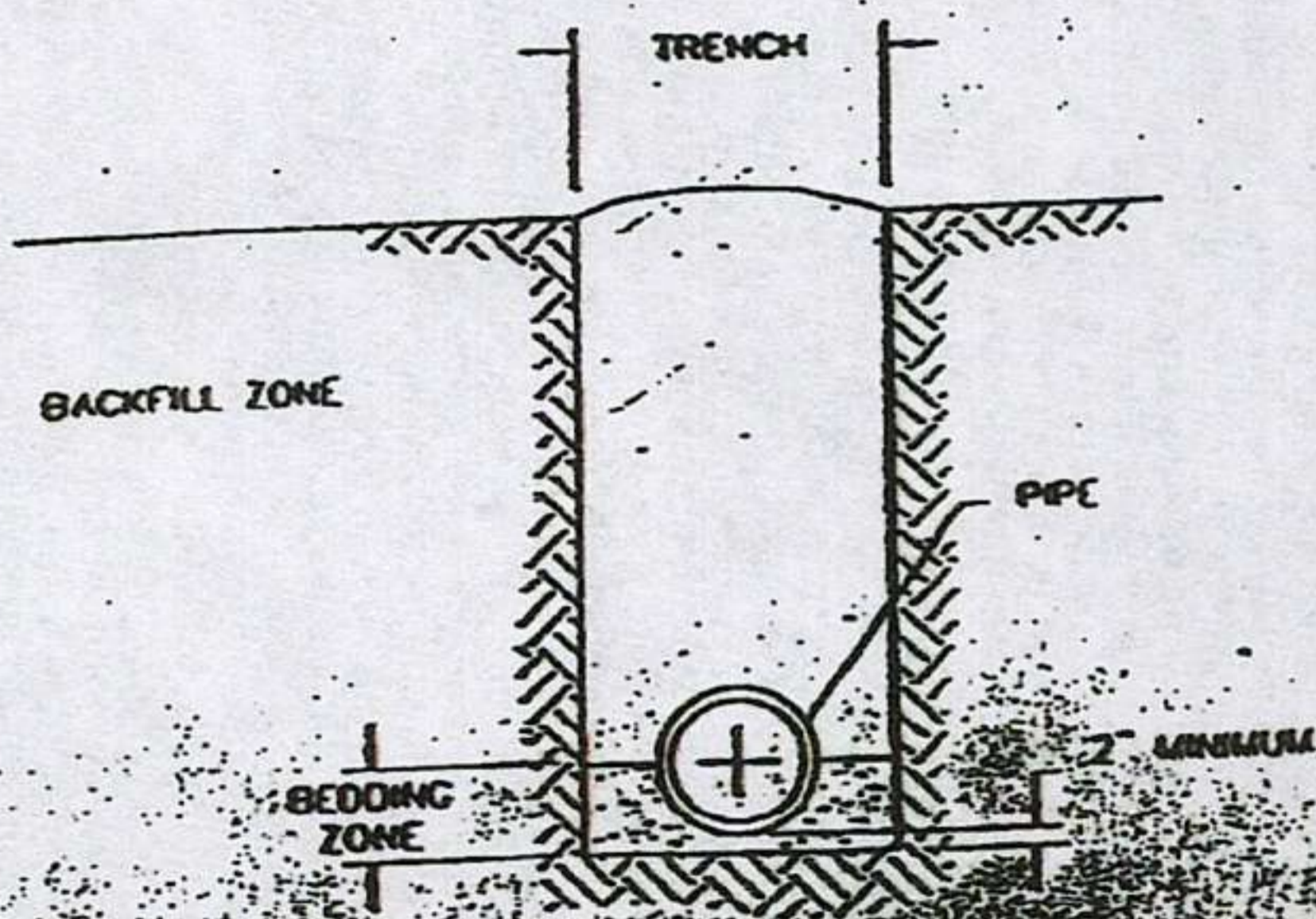




DIRECTION OF PIPE LAYING DETAIL



TYPICAL CLEANOUT



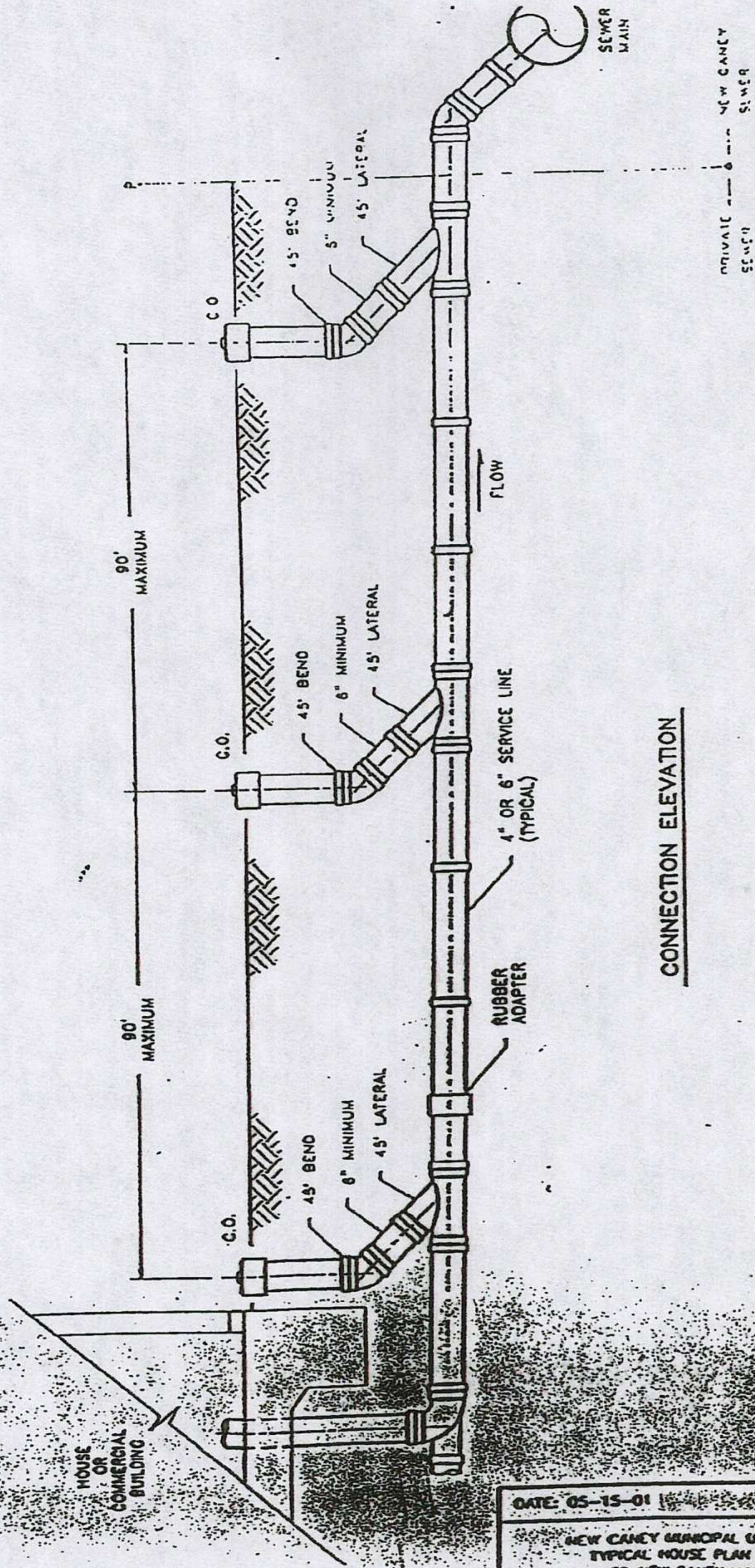
TYPICAL SERVICE LINE TRENCH

**NATIVE SOIL MAY BE USED TO BED SEWER PIPE PROVIDED IT IS NOT HARD CLAY THAT CANNOT BE BROKEN UP. OTHERWISE YOU CAN USE BANK SAND OR CREEK SAND. SOIL MUST BE UNDER PIPE AND HALF WAY UP SIDES OF PIPE TO BE BEDDED PROPERLY. DO NOT COVER PIPE BEFORE INSPECTION IS COMPLETE.**

DATE: 05-15-01

NEW CANEY MUNICIPAL UTILITY DISTRICT  
DETAILS

SHT  
OF



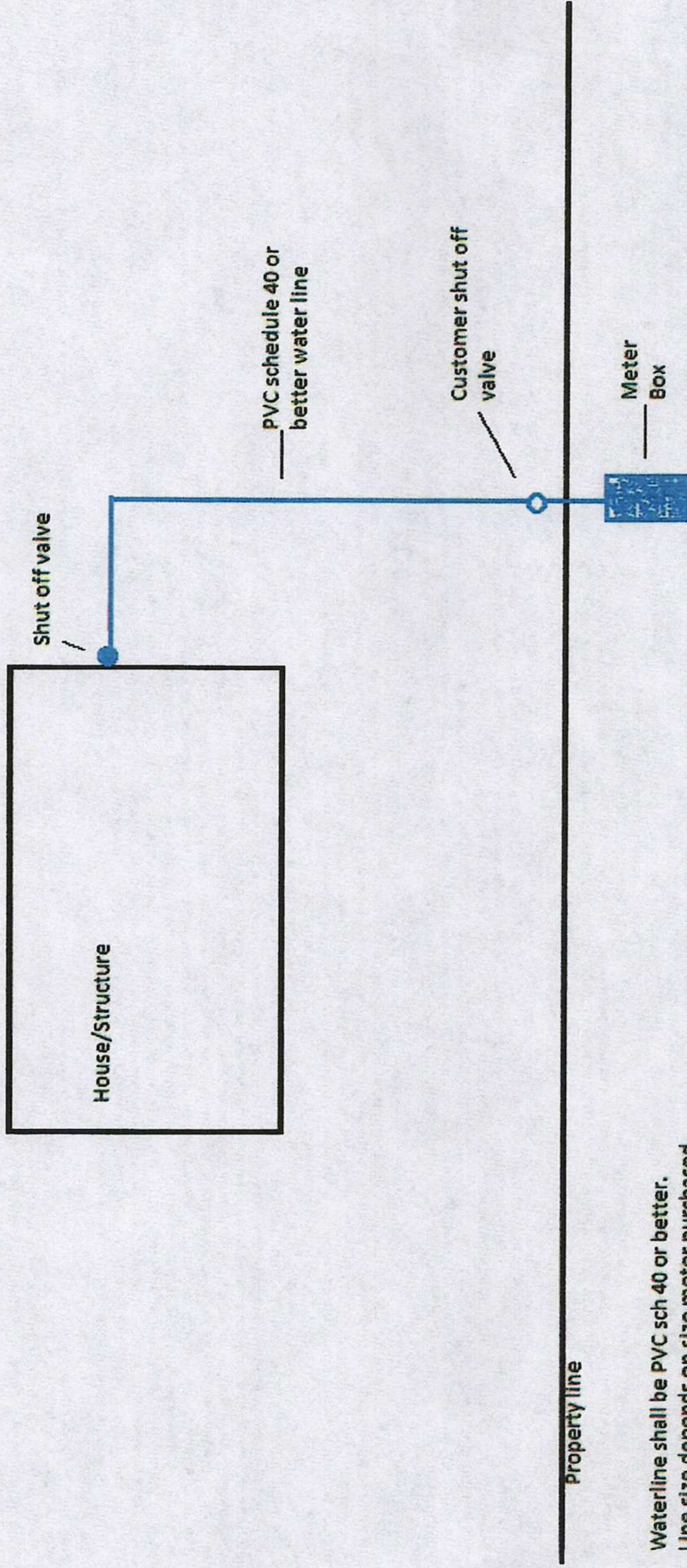
CONNECTION ELEVATION

DATE: 05-15-01

NEW CANEY MUNICIPAL UTILITY DISTRICT  
 TYPICAL HOUSE PLAN CONNECTION  
 TO NEW CANEY M.U.D. SEWER

SHEET  
 OF

# Water Line Instructions



Waterline shall be PVC sch 40 or better.  
Line size depends on size meter purchased.

**Freeze line in East Texas is 8", Minimum depth shall be 10".**

All commercial services must have a Reduced pressure back flow preventer installed. This is the responsibility of the customer



## RESIDENTIAL GRINDER TAP CONNECTION INSTRUCTIONS

Customer is to place a 4" SDR 35 pipe from residence to grinder tank. Customer is to install a 30 AMP breaker in their electrical panel and place conduit from house to the panel pole that supports the electrical box. Place 10 gauge electrical wire in the conduit. Conduit and wire should extend up pole about 4 feet. When finished, customer to call MUD office to come out and hook up one panel box and put unit in service.

- A. Most mobile homes sewer pipes are 3 inches in diameter. We asked you to increase the size of pipe going into tank to 4 inches.
- B. 90 Angles are not allowed in sewer lines, please put two 45 Angles together with a solid piece of pipe 6" long to make 90 Angle.
- C. Customer must install Disconnect Box (40) amp) on outside structure.
- D. Customer must use 10 gauge 3 wire with ground. (4 wires)

