

*
For each
property

**TURKEY CREEK REGIONAL SEWER DISTRICT
WATER QUALITY CONTROL PROJECT
PIPE SPECIFICATIONS
FOR
HOUSE SERVICE SEWERS**

MATERIAL:

Pipe and fittings to be polyvinyl chloride, PVC, meeting ASTM specification D3034 SDR 35. Pipe conforming to ASTM D3034 SDR 26 shall be utilized when a 50 foot separation between the house lateral and the private well cannot be maintained. Joints for pipe and fittings shall be the integral bell type gasketed joint designed so that when assembled the elastomeric gasket inside the bell is compressed radially on the pipe spigot to form a positive seal. The joints shall comply with the physical requirements of ASTM D2112. For restaurant connections, the same specifications are required with the addition of a grease trap.

SIZE:

All new house services from the main sewer to the property or easement line must be 6 inches in diameter and include a cleanout. If you are connecting to a 4" Turkey Creek Regional Sewer District line, a retention tank must be installed with a 4 inch line on the discharge side. The tank must be purchased from Farmer Tank (574-264-4625), ask for a Turkey Creek Tank.

SLOPE:

The minimum slope for a 6 inches diameter house service sewer shall not be less than 0.6 feet per 100 feet. The minimum slope for a 4 inch diameter house service sewer shall not be less than 1.2 feet per 100 feet.

PERMITS:

No connection into the District's sewer may be made without obtaining a permit from the District office at 4852 N. 1200 W., Cromwell, IN 46732, telephone number 260-856-4341.

INSPECTION:

All connections into the District's sewer must be inspected by the District's Inspector prior to backfilling. All connections covered up prior to inspection shall be uncovered at the property owner's expense so the inspection can be made. No roof drains, area drains, sump pumps or other storm or groundwater sources shall be connected to the sanitary sewer.

HOUSE SERVICE LOCATION:

The location of house services may be obtained through the District's inspector prior to start of excavation. Connection into the sewer where no wye or tee fitting was provided shall be made installing a saddle on the main sewer. The District's inspector shall be consulted before any connection is made.

INSPECTOR: TIMOTHY S. WOODWARD

PHONE: (260) 856-4341

CELL: (574) 529-0098

TCRSD Rev. 04/01/08

Tim Woodward

From: Gary Farmer [gdfarmer@verizon.net]
 Sent: Tuesday, April 21, 2009 12:13 PM
 To: tim@tcrsd.com
 Subject: Quota TCRSD 4-20-09.xls

**FARMER
TANK INC.**

Elkhart (574) 264-4625
 Fax (574) 264-6287

25575 Woodlawn Avenue • Elkhart, Indiana 46514

Page 1 of 2[1]

04/20/09

TO: TCRSD / Tim Woodward[3]
 4825 N. 1200 W.
 Cromwell, IN 46732-9794

Tim: 1-260-856-4341 tim@tcrsd.com
 Fax:

We are pleased to submit the following quote:

Job Name / Location:

Syracuse, IN

MATERIALS ONLY

QTY	DESCRIPTION	UNIT PRICE	TOTAL
	1200 GALLON SEPTIC TANK		
*	H-10 Minimum / H-15 Maximum Load Rating		
*	Specifications Per E-Mail Dated 9-29-08		
*	Design Stamped By Indiana Professional Engineer		
*	Interior & Exterior Coated With Conseal CS-55		
*	Tank Seam Wrap (Conseal CS-212) Provided - Not Installed		
*	6" Inlet Diameter Seal With Clamp, 4" Outlet Seal With Clamp		
*	6 - 6" High x 30" OD Concrete Adjusting Ring (3 Per Opening)		
	Adjusting Rings Coated With Conseal CS-55		
*	1/2" Preformed Butyl Joint Sealant For Between Adjusting Rings		
*	Infi-Shield Uni-Band Wrap For Rings; 2 - 12" Wide Per Opening		
	Uni-Band Wrap Is Provided But Not Installed		
*	2 - Neenah R-6462-EH Bolt Down Gastight Frame & Solid Lid		
*	Delivery And Unloading To Jobsite Shown Above		

4/21/2009

- * Tank Is 2 Pieces - We Are Only Able To Handle 1 Section At A Time
- * Can Not Be Pre-Assembled And Set Below Grade By Farmer Tank
- * Approximate Weights: Top Section: 5,700#; Bottom: 4,800#
- * No Ballast Included In Price
- * Tank Dimensions: 103" Long, 70" Wide, 66" High, 54" To Inlet
- * 50% Down Payment Required To Order Tank

This Quote Is Continued On The Following Page

FARMER TANK INC.

Elkhart (574) 264-4625
Fax (574) 264-6287

25575 Woodlawn Avenue • Elkhart, Indiana 46514

Page 2 of 2

04/20/09

TO: TCRSD / Tim Woodward
4825 N. 1200 W.
Cromwell, IN 46732-9794

Tim: 1-260-856-4341
Fax:

We are pleased to submit the following quote:

Job Name / Location:

Syracuse, IN

MATERIALS ONLY

QTY	DESCRIPTION	UNIT PRICE	TOTAL
	<p>Note: To Summarize our process, we would deliver the septic tank to address and we can either set the tank on the ground or we can set the tank into an excavated hole with site conditions permitting. Our lifting capabilities would limit to only handling one section of the tank at a time. This meaning if you needed set the tank into an excavated hole with ground water present, the hole would have to be dewatered in order for the tank to be set and the seam wrap for the tank installed. We would not be responsible for installing the seam wrap on the tank or on</p>		

4/21/2009

the
 adjusting rings under the frame & solid lid.
 We would install the joint sealant that joins the two tank halves together. Any
 other
 procedures would be performed by the contractor.

Installation By Others		Subtotal	\$0.00
		7 % Sales Tax (If Applicable)	\$0.00
		MATERIALS TOTAL	\$0.00

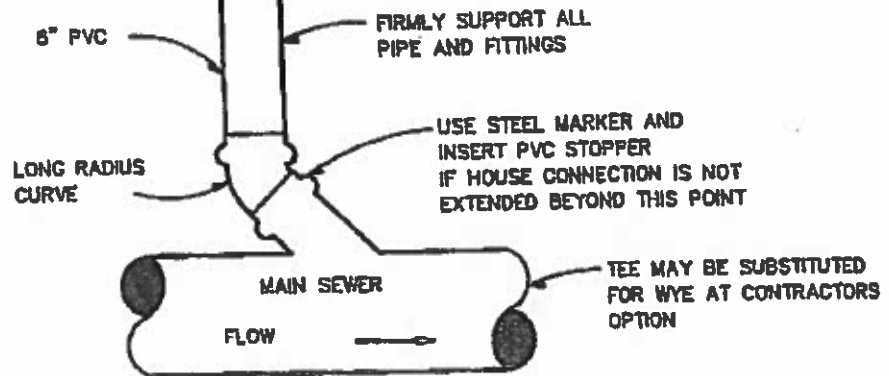
Quoted By: *Gary Farmer*

Price Valid Until:

- [1]
PAGE
- [2]
DATE
- [3]
NAME
- [4]
CONTACT

INSERT WATERTIGHT PLUG.
HOUSE CONNECTION SHOULD NOT BE
EXTENDED FOR USE UNTIL THE
MAIN SEWER AND HOUSE CONNECTION
HAS PASSED THE AIR TEST
AND BEEN ACCEPTED BY THE OWNER.

CONTRACTOR TO MARK END OF EACH LATERAL
WITH 5/8" DIAMETER, 5'-0" LONG STEEL
ROD PLACED VERTICALLY. ROD SHALL BE
PAINTED YELLOW AND DRIVEN FLUSH WITH EXISTING
GROUND. ACCURACY OF THE MEASUREMENTS
LOCATING LATERALS SHALL BE THE CONTRACTOR'S
RESPONSIBILITY. TO BE USED ONLY IF LATERAL IS
NOT EXTENDED FOR IMMEDIATE USE.



PLAN VIEW

NOTES:

1. WYE BRANCHES OR TEES SHALL BE INSTALLED WHERE DESIRED BY PROPERTY OWNER OR WHERE INDICATED ON THE DRAWINGS. THEY SHALL BE EXTENDED TO PROPERTY LINE OF STREETS OR ALLEYS OR TO DISTANCES AS SHOWN ON THE DESIGN DRAWINGS AND SHALL BE OF 6" PVC SDR 35 UNLESS OTHERWISE SHOWN.
2. DEPTH AT PROPERTY LINE SHALL BE APPROXIMATELY 6'-0" UNLESS SEWER DEPTH IS LESS, IN WHICH EVENT A MINIMUM SLOPE OF 1/8" PER 1'-0" SHALL BE USED.
3. HOUSE SERVICE PIPE SHALL BE PVC SDR 35 CONFORMING TO ASTM D3034 WITH GASKETED JOINTS CONFORMING TO ASTM D3212 UNLESS OTHERWISE INDICATED.
4. HOUSE SERVICE PIPE SHALL BE INSTALLED PER SAME SPECIFICATIONS & DETAIL AS FOR MAIN LINE SEWER.

Scale: 1:24

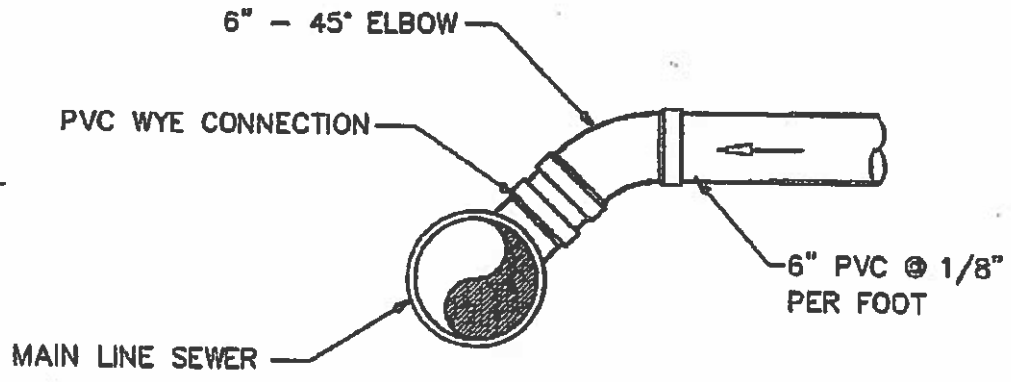
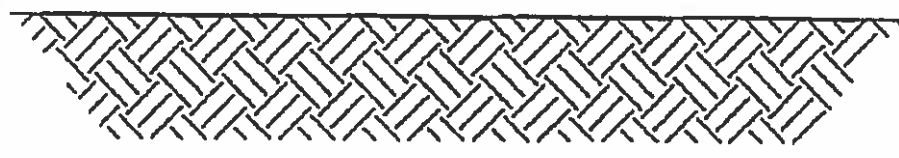
VCHIRON\23852\STANDARD\5-10.DWG

HOUSE/BUILDING SERVICE CONNECTION DETAIL 1



TURKEY CREEK REGIONAL SEWER DISTRICT
DECEMBER, 1999

FIGURE S-10



SECTIONAL VIEW

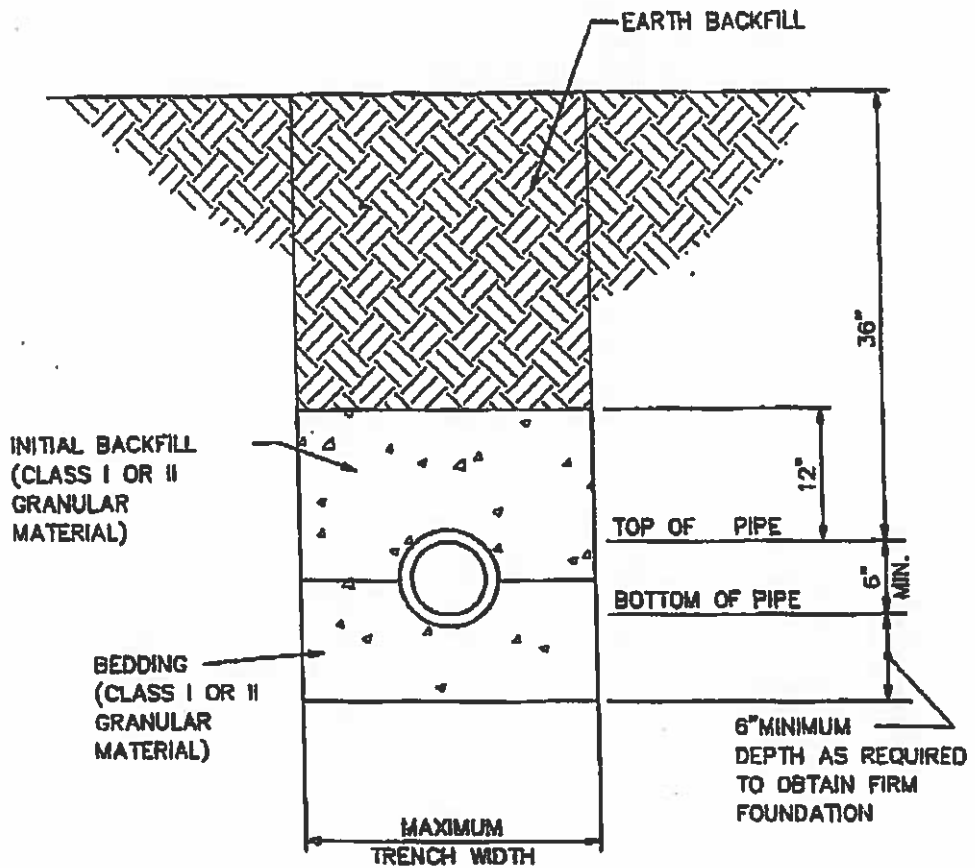
HOUSE/BUILDING SERVICE
CONNECTION DETAIL 2



TURKEY CREEK REGIONAL SEWER DISTRICT
DECEMBER, 1999

FIGURE S-11

I:\DRAWING\23652\STANDARDS\S-11.DWG Scale: 1:24



NOTES:

1. NOMINAL PIPE SIZE. (6" MIN.)
2. INSTALLATION OF FLEXIBLE PVC PIPE SHALL BE IN ACCORDANCE WITH SPECIFICATIONS CONTAINED IN ASTM D-2321
3. CLASS I GRANULAR MATERIAL SHALL BE 1/4" TO 1 1/2" GRADED STONE, PER ASTM D2321 (#8 CRUSH STONE)
4. CLASS II GRANULAR MATERIAL SHALL BE COARSE SANDS AND GRAVELS MAX. PARTIAL SIZE OF 3/4"
5. SEE FIGURE S-5 FOR MAIN LINE SEWERS PIPE BEDDING DETAILS.

Scale: 1:24

STANDARDS S-12.DWG

HOUSE/BUILDING SERVICE BEDDING DETAILS

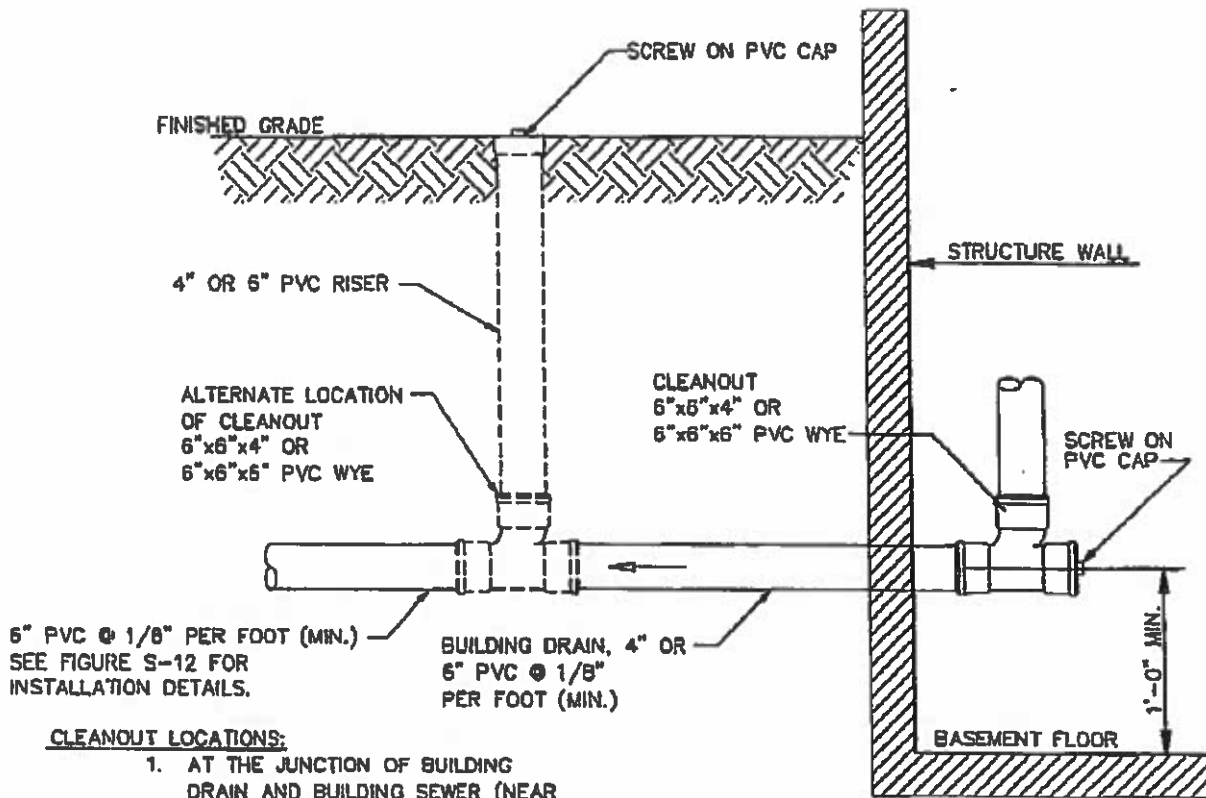
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ENGINEERS ARCHITECTS PLANNERS
COUNCILORS, INCORPORATED
COUNCILORS, INCORPORATED

TURKEY CREEK REGIONAL SEWER DISTRICT

DECEMBER, 1999

FIGURE S-12



CLEANOUT LOCATIONS:

1. AT THE JUNCTION OF BUILDING DRAIN AND BUILDING SEWER (NEAR EXTERIOR FACE OF BUILDING)
2. IF BUILDING SEWER IS MORE THAN 100 FEET FROM MAIN LINE SEWER, CLEAN-OUTS SPACING SHALL NOT EXCEED 100 FEET.
3. A CLEANOUT IS REQUIRED AT EACH BEND THAT IS GREATER THAN 45 DEGREES.
4. THERE SHALL BE NO BASEMENT DRAINS CONNECTED TO SERVICE CONNECTION

GENERAL REQUIREMENTS

1. THE LOWEST FLOOR ELEVATION RECEIVING GRAVITY SERVICE MUST BE A MIN. ONE (1.0) FOOT ABOVE TOP ELEVATION OF NEAREST MANHOLE RIM

HOUSE/BUILDING SERVICE CLEAN-OUT DETAIL



ARCHITECTS ENGINEERS PLANNERS
INDIANAPOLIS, INDIANA

TURKEY CREEK REGIONAL SEWER DISTRICT
FEBRUARY 2000

FIGURE S-15