

FDH12-2
RECEIVED

JUN 01 2026

Land Use Department

From: [Blacker, Katherine](#)
To: [Chris Oliveira](#); [John McBride](#)
Cc: [water pollution control authority](#)
Subject: FW: 1947 Center Groton Road - Comments on Site Plan Review
Attachments: [image001.png](#)
[SPEC #8- 5-8 -1 inch Meter Pit.pdf](#)
[SPEC #5 Water & Sewer-Drain Crossing.pdf](#)
[WPCA Rules&Reg April 2026 rev -8.14 Meter Location.pdf](#)

Chris,

Thank you & John for your call on Friday to discuss questions about 1947 Center Groton Road. As follow up, please note, I mis-spoke about the direction of all Valves; **the Water Spec requires Open counter-clockwise/Left (Closes Right)**

- Yes, all ductile iron pipe shall be Class 52.
 - Required brass wedges at every joint
- Each residential unit **will** be required to have its own meter pit per Ledyard's WPCA new policy 8.14.
 - Units with slabs and with basements will have the meter in the pit, outside of the house
 - You indicated that the services will be domestic only (no sprinkler lines to the units)
 - For this reason, no back flow device will be required
 - The 1" meter pit spec is attached for reference. Spec #8
 - Meter horns are not permitted
 - GU will provide meter spacers
- GU will provide a Water Service letter with estimate once the Final Site Plans are approved
 - We do encourage early communication with GU Meter Crew (860) 446-4077
- GU will review Submittals
- GU will perform the tap at the main in the road, contractor is responsible for permits, trench box, exposing the main, traffic controls, etc.
- EG Homes (not the Ledyard WPCA) will remain the long-term owner of the water infrastructure once it is installed (it will be considered private/customer-owned water main & hydrants).
- Please see the Spec #5, attached, for sewer and drain crossings – for areas where the required 10' horizontal separation of water and sewer is not possible; Options include sleeving the water line, replacing sewer lines with water class pipe or surrounding the line entirely with Flowable Fill.
 - Generally, deepening the sewer mains could also be considered to achieve the vertical clearance (18" height)
 - For the sewer laterals – sleeving the adjacent water services or using water class pipe for the laterals are options to consider
 - When sewer is above the water, advise **replace sewer pipe with water-class pipe (Blue Brute)** , and 18" of vertical clearance required
 - As an alternative, we allow Flow-able Fill to surround the line.

- When water is above the sewer/drain, there is a minimum required 18 inches of vertical clearance.
- With the current routing of the sewer mains and water services, There are significant numbers of crossings
- Mueller Super Centurion 200 model A-423 hydrants meet the Water Spec
 - Operating nuts shall turn counterclockwise to open the hydrant
 - Required Color: Sherwin Williams Industrial Safety Yellow, B54Y37
 - Hydrant nozzle cap chains to be removed when being placed into service

Please let me know what other questions you have,
Thank you,
Kate

Kate Blacker
Project Management | Technical Aide
Water & Wastewater



Office: (860) 629-7012
Cell: (860) 625-0720
Office Hours: 7am – 3pm (M-F)

From: Chris Oliveira <coliveira@eghome.net>
Sent: Friday, May 1, 2026 7:03 AM
To: Blacker, Katherine <blackerk@grotonutilities.com>
Subject: Re: 1947 Center Groton Road

I will call you at 9:30.

Thanks

Christopher Oliveira
Vice President of Land Development
coliveira@eghome.net
Direct: (203) 443-8536



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EG Home, LLC
3 Pomperaug Office Park Suite 105
Southbury, CT 06488
(203) 714-6622
eghome.net

From: Blacker, Katherine <blackerk@grotonutilities.com>
Sent: Friday, May 1, 2026 6:33 AM
To: Chris Oliveira <coliveira@eghome.net>
Subject: RE: 1947 Center Groton Road

Hello Chris,

A call would be great – would sometime between 8:30 and 10:30 work?
I will have the comments ready to discuss.
Cell: (860) 625-0720

Thank you,
Kate

Kate Blacker
Project Management | Technical Aide
Water & Wastewater



Office: (860) 629-7012
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From: Chris Oliveira <coliveira@eghome.net>
Sent: Thursday, April 30, 2026 3:10 PM
To: Blacker, Katherine <blackerk@grotonutilities.com>
Subject: 1947 Center Groton Road

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Hi Ms. Blacker. My name is Chris Oliveira and I work for EG Home. I'm currently reviewing some of your notes and company standards for the project above. I was wondering if you had any time tomorrow to jump on a quick call for some clarification. Please let me know.

Thanks

Christopher Oliveira

Vice President of Land Development

coliveira@eghome.net

Direct: (203) 443-8536



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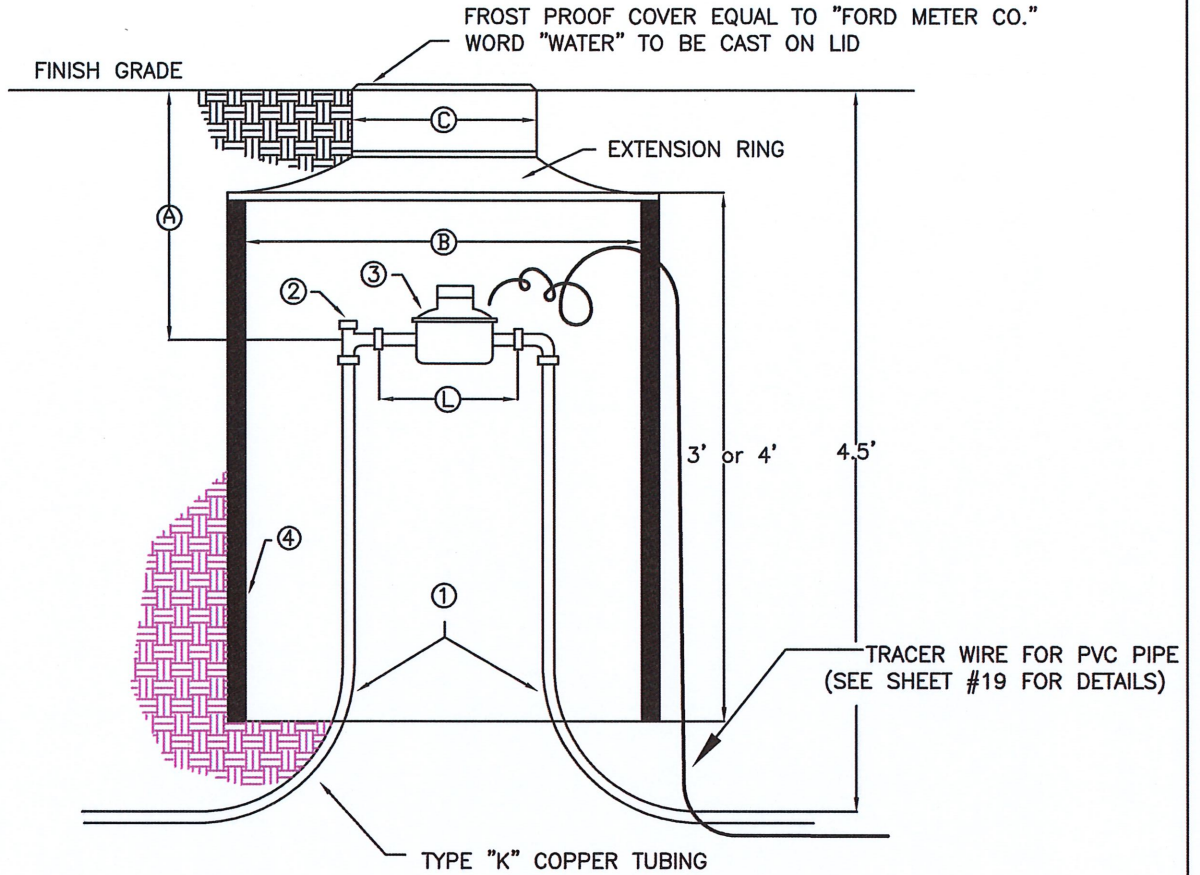
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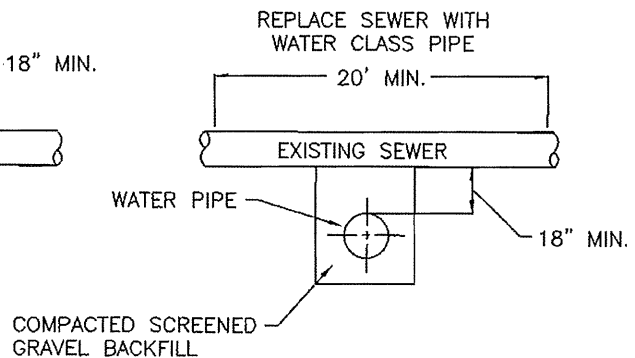
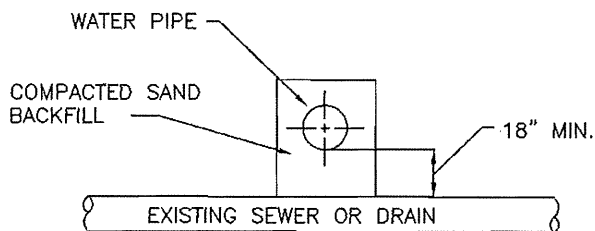
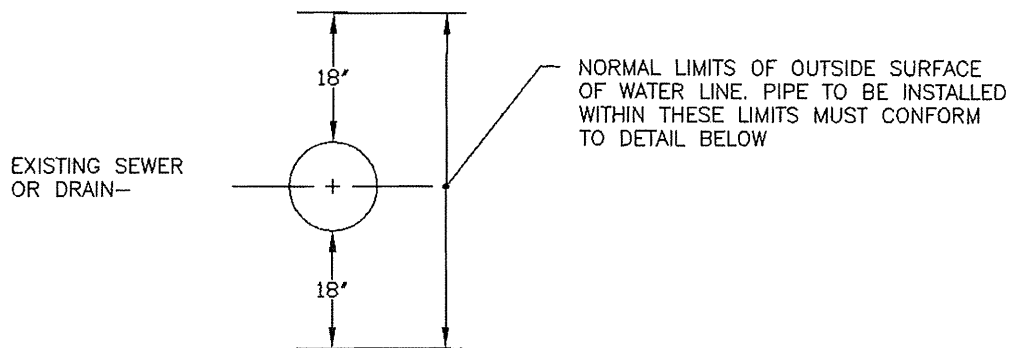


METER PIT	COVER FORD	A	B	C	D	COUPLING NUT	ANGLE VALVE	COPPER TUBE
		5/8"	NO. W3	14"	20"			
3/4"	NO. W3	16"	20"	11-1/2"	9"	1"	3/4"	3/4"
1"	NO. 24	18"	24"	20"	10-3/4"	1 1/4"	1"	1"
NO.								
1	COPPER TUBING - TYPE K							
2	ANGLE METER STOP							
3	METER							
4	P.V.C. PIPE							
5	COVER AND FRAME FROSTPROOF							
FOR 1" METER SIZE ONLY: AREA SUBJECT TO TRAFFIC: FORD NO. 24 HEAVY WEIGHT COVER AREA SUBJECT TO NON-TRAFFIC: FORD NO. 24 STANDARD COVER								

WATER METER PIT 5/8"-1"

NOT TO SCALE

APPROVED	DATE	STANDARDS WATER METER PIT 5/8" - 1"	BY D.E.I.	CHECKED
			REVISED M.E.D	CHECKED
			DATE 10/29/20	



TYPICAL SEWER AND DRAIN CROSSING

NOT TO SCALE

APPROVED	DATE	STANDARDS TYPICAL SEWER AND DRAIN CROSSING DETAIL	BY D.E.I.	CHECKED
			REVISED	CHECKED
			DATE	12/18/75
			5	

8.14 Meter Location.

In the interest of maintaining system integrity through early leak detection, it is desirable to have water meters located in meter pits immediately downstream of the curb stop. It is recognized that many water customers in Ledyard have the water meter within the structure of the house or business. It is the policy of the WPCA that for all new water service installations, the water meter shall be installed in a meter pit at the property line. In the event that the meter for an existing water service is to be relocated, or a significant repair or modification is made to existing water piping on the property, the replacement water meter shall be installed in a meter pit at the property line whenever feasible.