RENSSELAER COUNTY DEPARTMENT of HEALTH

Mary Fran Wachunas

Public Health Director

Steven F. McLaughlin County Executive



March 12, 2020

Farrell Homes P.O. Box 21 Grafton, NY 12082

RE: Individual Water Supply Wells/Water Storage

392 and 394 Brunswick Road

Troy, NY 12180

Dear Nick.

In response to your question about the water supply requirements for duplex homes, the Rensselaer County Department of Health offers the following information for individual water supply wells and water storage;

- One water supply well for each duplex home is sufficient. The required storage is based on the number
- of bedrooms if the well yield is less than 5 gallons per minute. Please see the attached fact sheet for the recommended minimum storage depending on the number of total bedrooms of the home.
- The water wells are required to be yield tested by a NYS DEC registered well driller. If the well yields
 5 gallons per minute or greater, no further storage is required.
- If the well yield is less than 5 gallons per minute, a storage tank can be reduced in size or avoided if sufficient storage is provided within the well itself. The typical 6-inch diameter well will hold approximately 1.5 gallons per foot. The height of water above the pump when it is not operating is multiplied by the gallons of water per foot to approximate the amount of available storage. Shallow wells and wells with slow recovery may not contain reliable storage and caution is advised when considering their potential for storage capacity.

I have also attached a New York State Department of Health Fact Sheet to explain the well yield, water demand, storage, steps in determining supplemental storage needs, and storage recommendations for individual water supply wells.

Please contact me if you have any questions or any further information is needed. I can be reached at (518) 270-2660 weekdays.

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Sincerely, Derrick Gardner; P.E. Water/Sewer Engineer

NED PATTISON RENSSELAER COUNTY GOVERNMENT CENTER TROY, NEW YORK 12180 (518)270-2626 FAX (518)270-2638

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PERM 42 (09/09)

State of New York Department of Transportation Highway Work Permit



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Permit No.: 20190183432 ✓ Date Issued: 03/31/2020 Project ID No.: Expiration Date: 12/31/2020

Permittee 1: FARRELL HOMES PO BOX 21 GRAFTON, NY 12082 Emergency Contact: BUTCH FARRELL Emergency Number: 518-256-3091

Under the provisions of the Highway Law or Vehicle & Traffic Law, permission is hereby granted to the permittee to;

INSTALL 15" CULVERT & DRIVEWAY FOR SINGLE FAMILY DWELLING, 392 BRUNSWICK RD (RT 2) TROY NY 12180. ALL WORK TO BE APPROVED BY THE RESIDENT ENGINEER. DURING THE COVID-19 PANDEMIC, DEVELOPERS/PERMITTEES MUST COMPLY WITH ALL ED 202.6 REQUIREMENTS - SPECIFICALLY PARAGRAPH 9: CONSTRUCTION. HTTPS://ESD.NY.GOV/GUIDANCE-EXECUTIVE-ORDER-2026

THE PERMITTEE IS RESPONSIBLE FOR TEMPORARY TRAFFIC CONTROL IN ACCORDANCE WITH THE NATIONAL MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES AND THE NYS SUPPLEMENT. ANYONE WORKING WITHIN THE HIGHWAY RIGHT-OF-WAY SHALL WEAR HIGH-VISIBILITY APPAREL MEETING THE ANSI 107-2004 CLASS II STANDARDS AND A HARD HAT.

County	Municipality	State Hwy	State Route	Beg Ref	End Ref
RENSSELAER	BRUNSWICK	-	2	-	-
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as set forth and represented in the attached application at the particular location or areas, or over the routes as stated therein, if required; and pursuant to the conditions and regulations general or special, and methods of performing work, if any; all of which are set forth in the application and form of this permit. See additional conditions on PAGE 2.

THIS PERMIT IS ISSUED BASED ON ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS BEING SATISFIED.

Dated at:	Albany	Date Signed:	03/31/2020	Commissioner of Transportation	By:	Mark Pyskadlo
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BEFORE WO	ORK IS STAR	TED AND UPON I	TS COMPLETION	N, THE PERMITTEE ABSOLUTELY	MUST N	OTIFY:
		Mike	: Lushmet, Resider	1t Engineer 518-286-2300		
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REV DATE	RENSSELAER COUNTY HEALTH A
4/4/17	
2 5/20/17 3 4/30/20	
3 4/30/20	

SURVEY MAP PREPARED BY BRIAN R. HOLBRITTER PL.S. DATED 11/12/2016.

CARL R. AIKEN, PE 0 287 MANNIX ROAD 0 EAST GREENBUSH, NY 1206

(518) 283-7749 D FAX: (518) 375-7029 D EMAIL: CARL AIKEN@GMAIL.COM

