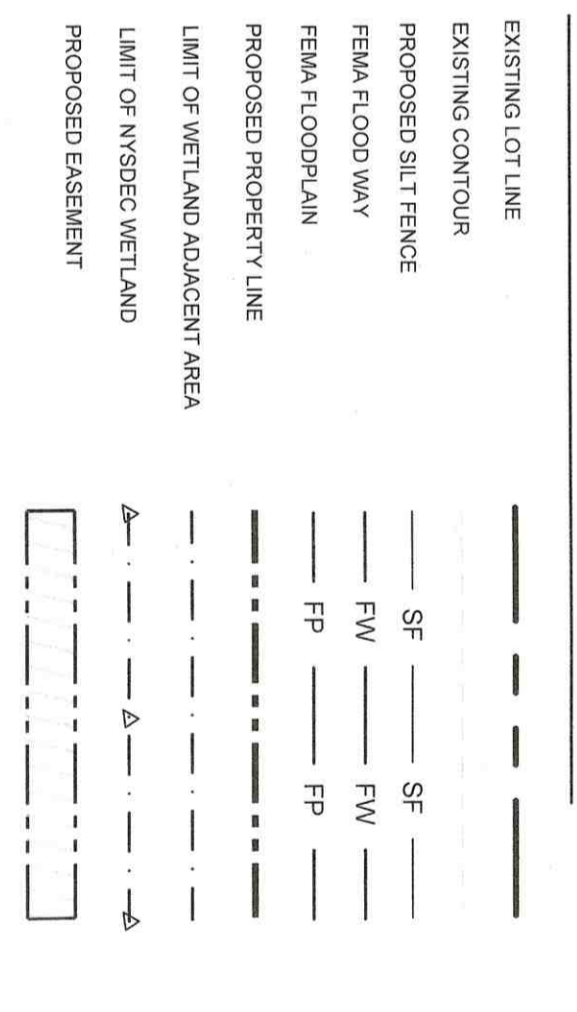


LEGEND



DEEP TEST RESULTS (7/16/20):

HOLE #	LOT #	TOTAL DEPTH	ROCK DEPTH	WATER DEPTH	INSTALLING DEPTH	SOIL DESCRIPTION
1		6'	N/A	4'	0'-4" TOPSOIL	6'-4" GRANULY LOAM
2		4'	N/A	N/A	2'-2" BANK RUN GRAVEL	0'-5" TOPSOIL 5'-2" GRANULY LOAM

PERC TEST RESULTS (7/17/20):

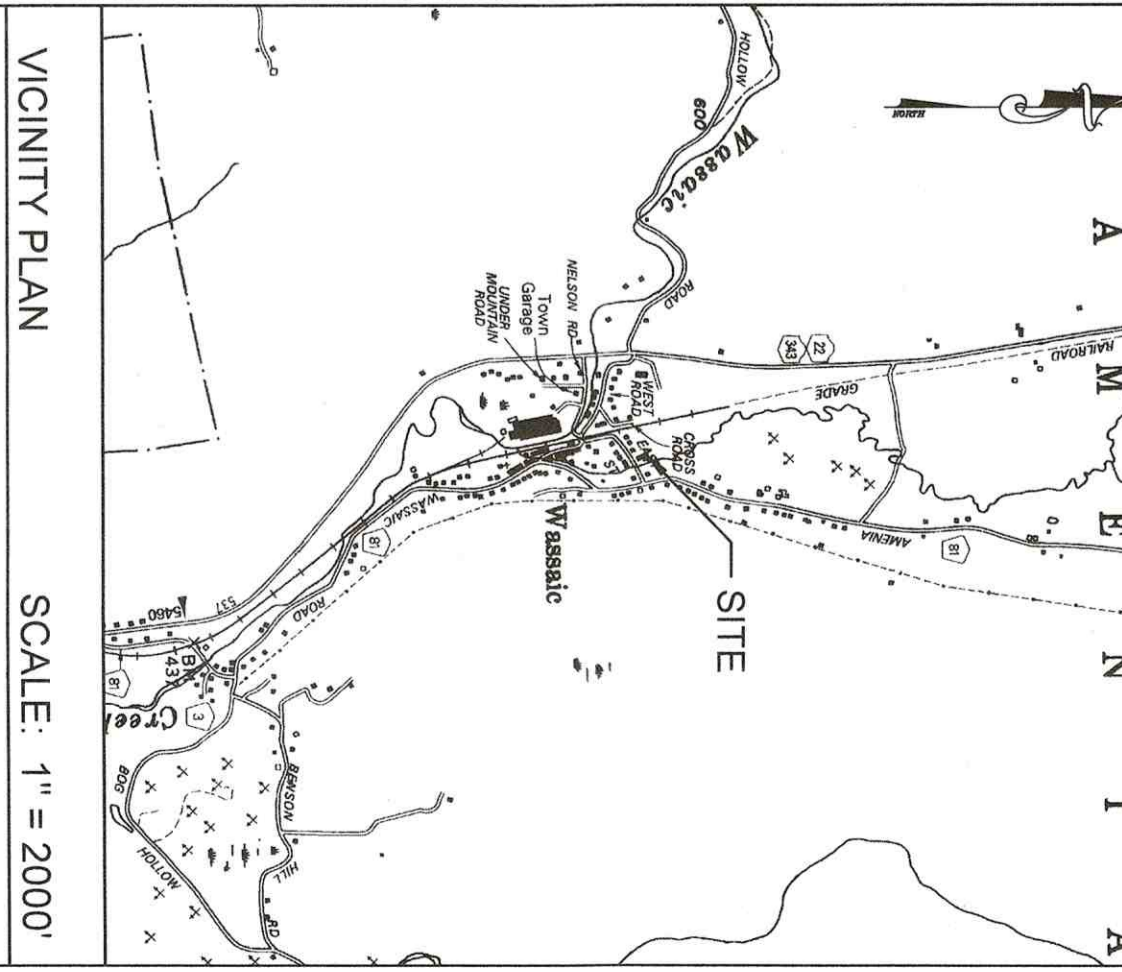
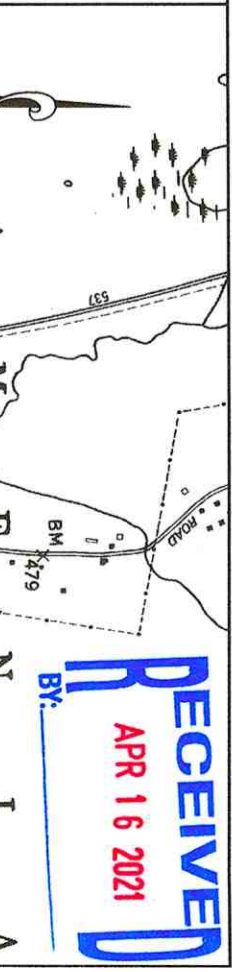
Test Hole No.	Test Hole Depth	Soil Type	Soaked	TEST RUNS
1	2'	BANK RUN GRAVEL	YES	1 11:08 11:15 11:22 2 11:01 11:08 11:15
2	2'	BANK RUN GRAVEL	YES	1 10:38 10:45 10:52 2 10:31 10:38 10:45

SURVEYOR STAKEOUT REQUIRED

THE BASEMENT PROPERTY LINES AND LIMITS OF FILL SHALL BE STAKEOUT BY A SURVEYOR LICENSED AND SURVEYOR PRIOR TO THE START OF CONSTRUCTION INCLUDING ANY FILL OPERATIONS.

SDS - BASIS OF DESIGN:

BUILDING TYPE	FINE HOUSE
SYSTEM TYPE	GRAVELLESS ABSORPTION TRENCHES
DESIGN FLOW RATE	FLOW (GPD)
60 BANQUET GUESTS @ 10 GPD EACH	500
ESTIMATED PERC RATE	10 MIN INCH
APPLICATION RATE	0.3 GAL DAILY/FT
ABSORPTION AREA	500 GPD / 0.3 GAL DAILY/FT = 1666.6
GRAVELLESS ABSORPTION AREA	500 GPD AT 1.5 IN/HR = 416.7
REQUIRED TRENCH LENGTH	416.7 GPD / 2 FT WIDE TRENCH = 208.35 FT TRENCH
NO. OF LATERALS	5
LENGTH OF LATERALS	41'
DEPTH TO ROCK	NA
DEPTH TO WATER	36" (TYP)
DEPTH OF FILL BED	6"
FINE HOUSE LOWEST SCHEDULE ELEV.	455.9



DUTCHESS COUNTY DEPARTMENT OF HEALTH APPROVED  
DATE: 07/21/2021  
PROJECT: WASSASAC FIREHOUSE QUITS  
SDS + PERC  
TR. AMENIA  
2 SHEETS + END COVER  
BY: [Signature]  
DATE: 07/21/2021

DUTCHESS COUNTY DOH - APPROVAL BLOCK

OWNERS CONSENT NOTE  
THE UNDERSIGNED OWNER OF THE PROPERTY HEREON STATES THAT I AM FAMILIAR WITH THIS MAP, ITS CONTENTS AND CONDITIONS AND HEREBY CONSENT TO ALL SAID TERMS AND CONDITIONS AS APPLICABLE TO THE PROJECT DESCRIBED HEREIN.  
SIGNED THIS 21st DAY OF JULY, 2021  
OWNER'S SIGNATURE  
[Signature]

ZONING DISTRICT: CS (COMMUNITY SERVICES)  
LOT SIZE: 11 ACRES ± 0.8 ACRES  
TAX GRID NO.: 132000-7168-01-08923  
PROPERTY ADDRESS: 27 FIREHOUSE RD  
PROPERTY OWNER: WASSASAC FIRE COMPANY  
27 FIREHOUSE RD  
WASSASAC NY 12592

STANDARD NOTES FOR COMMERCIAL PROJECTS (ONSITE WATER SOURCE AND SEWAGE DISPOSAL) - WIND PMS

1. THE DESIGNER SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE PUBLIC HEALTH AND SAFETY OF THE COMMUNITY BY THE PROVISION OF ADEQUATE AND SAFE WATER AND SEWAGE DISPOSAL SYSTEMS.

2. THE DESIGNER SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE PUBLIC HEALTH AND SAFETY OF THE COMMUNITY BY THE PROVISION OF ADEQUATE AND SAFE WATER AND SEWAGE DISPOSAL SYSTEMS.

3. THE DESIGNER SHALL BE RESPONSIBLE FOR THE PROTECTION OF THE PUBLIC HEALTH AND SAFETY OF THE COMMUNITY BY THE PROVISION OF ADEQUATE AND SAFE WATER AND SEWAGE DISPOSAL SYSTEMS.

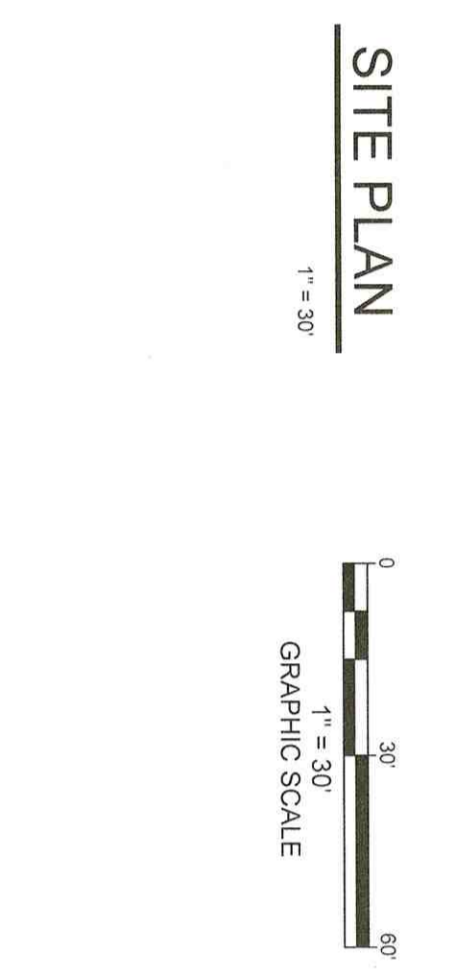
FOR MAINTENANCE OF EXISTING WATER SOURCE DATE OF THIS APPROVAL AND THEREFORE THE APPROVAL SHALL NOT BE CONSIDERED TO BE A GUARANTEE OF THE QUALITY OF THE EXISTING WATER SOURCE OR THE QUALITY OF THE EXISTING WATER SOURCE OR THE QUALITY OF THE EXISTING WATER SOURCE.

1. THE EXISTING SEWER TRENCH SHALL BE MAINTAINED AND NOT ABANDONED TO AN UNDESIGNATED SEWERAGE TRENCH.

2. THE EXISTING SEWER TRENCH SHALL BE MAINTAINED AND NOT ABANDONED TO AN UNDESIGNATED SEWERAGE TRENCH.

3. A NEW YORK STATE LICENSED PROFESSIONAL ENGINEER SHALL CERTIFY THAT THE DESIGN SHALL BE IN ACCORDANCE WITH THE SEWERAGE AND WATER SUPPLY ACT AND THE SEWERAGE AND WATER SUPPLY REGULATIONS.

ENGINEERING DESIGN & PLANS PREPARED BY:  
**RENNIA ENGINEERING DESIGN, PLLC**  
CIVIL • ENVIRONMENTAL • STRUCTURAL  
6 Dover Village Plaza, Suite 5, P.O. Box 450, Dover Plains, NY 12522  
Tel: (845) 877-0355 Fax: (845) 877-0358  
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DATE: 02/05/2021

REVISION: REVISION AS PER DESIGN COMMENTS

NO.	DATE	DESCRIPTION
1	02/05/2021	ISSUED FOR PERMITTING

