

VICINITY MAP  
SCALE: 1" = 250'±

SOIL TEST PIT RESULTS

DATE PERFORMED: 12/10/15	
TEST PIT NO. 1	
DEPTH	DESCRIPTION
0"-10"	TOPSOIL
10"-48"	SANDY LOAM WITH GRAVEL, COBBLES AND BROKEN SHALE
DEPTH OF PIT: 48"	
GROUNDWATER: NONE ENCOUNTERED	
BEDROCK: NONE ENCOUNTERED	
MOTTILING: NONE ENCOUNTERED	

TEST PIT NO. 2

DEPTH	DESCRIPTION
0"-8"	TOPSOIL
8"-50"	SANDY LOAM WITH GRAVEL, COBBLES AND BROKEN SHALE
DEPTH OF PIT: 72"	
GROUNDWATER: NONE ENCOUNTERED	
BEDROCK: NONE ENCOUNTERED	
MOTTILING: NONE ENCOUNTERED	

PERCOLATION TEST RESULTS

DATE PERFORMED: 12/10/15	
PERC. TEST NO. 1, 27" DEEP	
RUN	START FINISH ELAPSED TIME
1	STOPWATCH 9:02
2	STOPWATCH 11:47
3	STOPWATCH 13:01
4	STOPWATCH 13:49
STABILIZED PERCOLATION RATE: 13:49 MINUTES/INCH	

PERC. TEST NO. 2, 24" DEEP

RUN	START FINISH ELAPSED TIME
1	STOPWATCH 2:41
2	STOPWATCH 3:56
3	STOPWATCH 4:02
STABILIZED PERCOLATION RATE: 4:02 MINUTES/INCH	

SEWAGE DISPOSAL SYSTEM DESIGN CRITERIA

- PROPOSED NUMBER OF EMPLOYEES: 2
- DESIGN FLOW = 2 EMPLOYEES @ 50 GPD / EMPLOYEE = 100 GPD
- REQUIRED SIZE OF SEPTIC TANK: 1000 GALLONS
- DESIGN PERCOLATION RATE: 11-15 MINUTES / INCH
- DESIGN APPLICATION RATE: 0.8 GPD/SF
- REQUIRED TRENCH AREA = 100 / 0.8 = 125 SF
- REQUIRED TRENCH LENGTH = 125 SF / 2 FT. TRENCH = 62.5 LF
- PROPOSED TRENCH LENGTH = 2 LINES @ 34 LF = 68 LF

GENERAL NOTES

- TAX MAP DESIGNATION: SECTION 6, BLOCK 1, LOT 67.1  
1831 KINGS HIGHWAY, CHESTER NY
- RECORD OWNER:  
BART HUNTER CO. INC.  
32 CROSBY STREET  
PINE BUSH, NY 12566
- APPLICANT:  
BRIAN KRUTCHKOFF  
63 SANDS POINT ROAD  
WASHINGTONVILLE, NY 10992
- PROPERTY AREA: 2.432 ACRES
- ZONING DISTRICT: INDUSTRIAL
- WATER SUPPLY: EXISTING WELL (NO CHANGE PROPOSED)
- PROPOSED SEWAGE DISPOSAL: NEW INDIVIDUAL SUBSURFACE SYSTEM
- SURVEY INFORMATION PROVIDED BY JOHN J. DRAGAN, P.E., L.S., DATED MAY 4, 1986.
- SEWAGE DISPOSAL SYSTEM SHALL CONFORM TO THE REQUIREMENTS OF THE NEW YORK STATE HEALTH CODE.
- THERE ARE NO KNOWN WELLS OR SEWAGE DISPOSAL SYSTEMS WITHIN THE AREA OF INFLUENCE AS DEFINED BY THE NYSDOH.
- AFTER CONSTRUCTION, THE SEWAGE DISPOSAL SYSTEM SHALL BE INSPECTED AND CERTIFIED BY A NYS LICENSED ENGINEER.

CONSTRUCTION NOTES

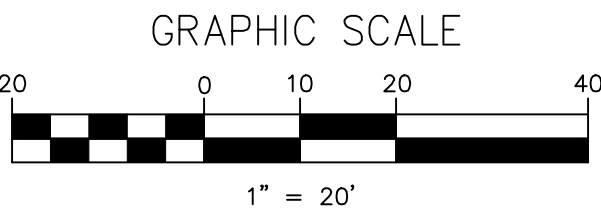
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITY LINES, WHETHER IN THE PUBLIC RIGHT-OF-WAY, IN EASEMENTS, OR IN PRIVATE PROPERTY PRIOR TO STARTING ANY EXCAVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITY LINES THROUGHOUT THE COURSE OF CONSTRUCTION. PROJECT SAFETY SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- ALL NEW UTILITIES SHALL BE CONSTRUCTED UNDERGROUND.
- CALL BEFORE YOU DIG UNDERGROUND FACILITIES PROTECTIVE ORGANIZATION 2 FULL WORKING DAYS BEFORE YOU DIG AT 1-800-962-7962.

LEGEND

- PROPOSED SILT FENCE
- EXISTING CONTOUR
- TEST PIT LOCATION
- PERC TEST LOCATION

LIST OF DRAWINGS

- SEWAGE DISPOSAL SYSTEM PLAN
- DETAILS



KRUTCHKOFF SITE

SECTION 6 BLOCK 1 LOT 67.1  
TOWN OF CHESTER  
ORANGE COUNTY, NEW YORK

SEWAGE DISPOSAL SYSTEM PLAN

LEHMAN & GETZ, P.C.  
CONSULTING ENGINEERS  
PH. 845-986-7737 FAX 845-986-0245  
17 RIVER STREET WARWICK, NEW YORK 10990

DAVID A. GETZ, P.E.  
N.Y.S. LIC. No. 61265

DRAWN BY B.J.F.	CHECKED BY D.G.	SCALE AS SHOWN	JOB NO. 2074	SHEET NO. 1 OF 2
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