

SUBJECT TO A COMPLETE AND UP TO DATE ASSESSMENT OF TITLE.

OFFSETS SHOWN ARE CORRECT BUT SHOULD NOT BE CONSIDERED A GUARANTEE OF THE LOCATION OF FINES OR OTHER STRUCTURES. SUBJECT TO UNDERGROUND UTILITIES NOT VISIBLE AND EXISTENTS NOT SOLOUSED TO THE ENGINEERING AND LAND SURVEYING, PC AT THE TIME OF THE FIELD SURVEY.

CERTIFICATIONS HEREON SIGNIFY THAT THIS SURVEY WAS PREPARED IN ACCORDANCE WITH THE STANDARDS AND PRACTICES OF THE SURVEYING PROFESSION AS ADOPTED BY THE STATE OF NEW YORK. CERTIFICATIONS SHALL, RUN DEWANE-HUDSON LAND SURVEYORS ASSOCIATION. CERTIFICATIONS SHALL, RUN DEWANE-HUDSON LAND SURVEYORS ASSOCIATION. CERTIFICATIONS ARE NOT TRANSFERABLE TO ANY OTHER INDIVIDUALS, INSTITUTIONS OR SUBSEQUENT OWNERS. ONLY A COPIES FROM THE ORIGINAL TRACING OF THIS SURVEY MARKED WITH THE LAND SURVEYOR'S EMBOSSED SEAL SHALL BE CONSIDERED TO BE VALID. TRUE COPIES. UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S EMBOSSED SEAL IS A VIOLATION OF SECTION 13-100 OF THE VESSEL AND NEW YORK STATE EDUCATION LAW.

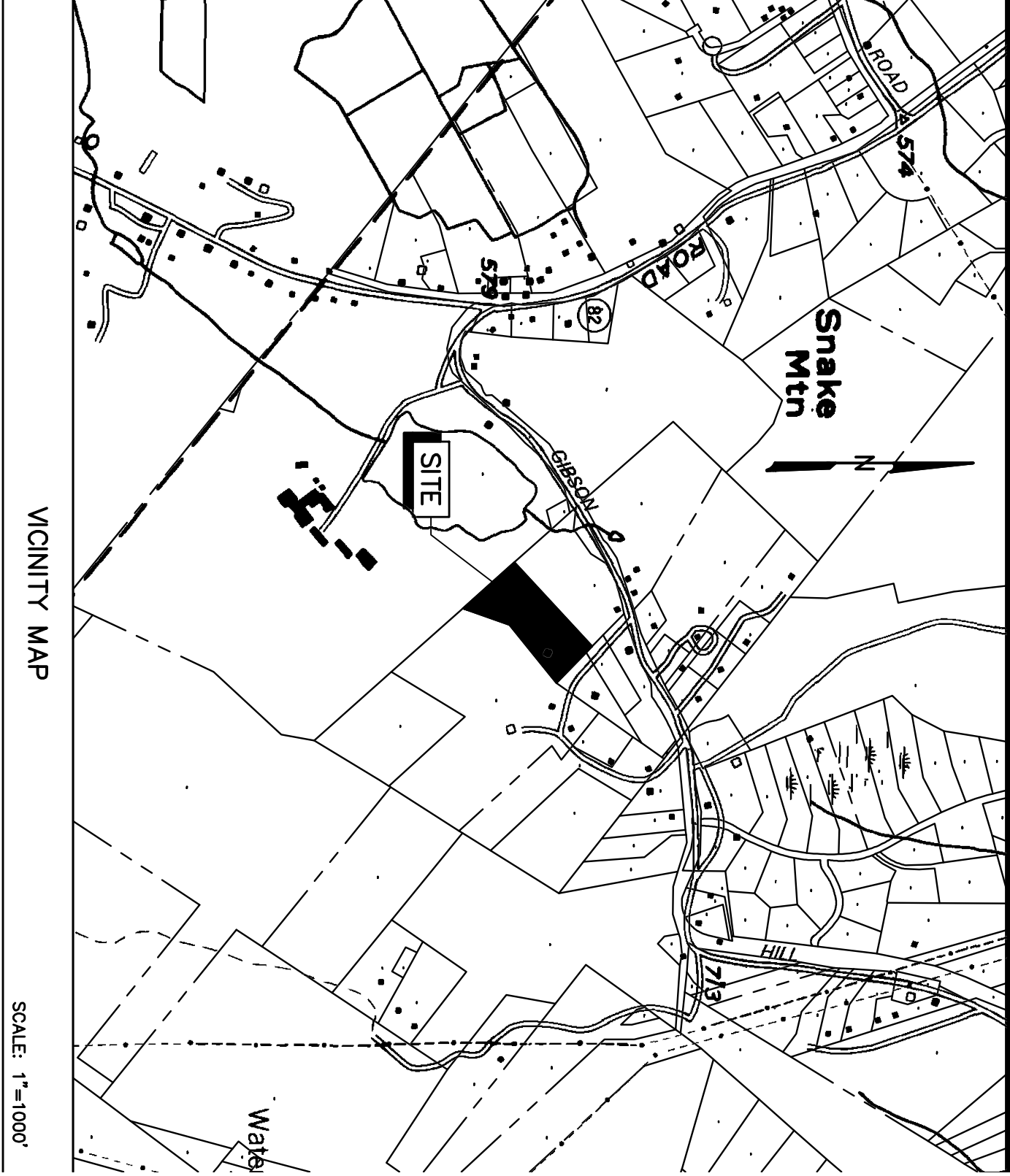
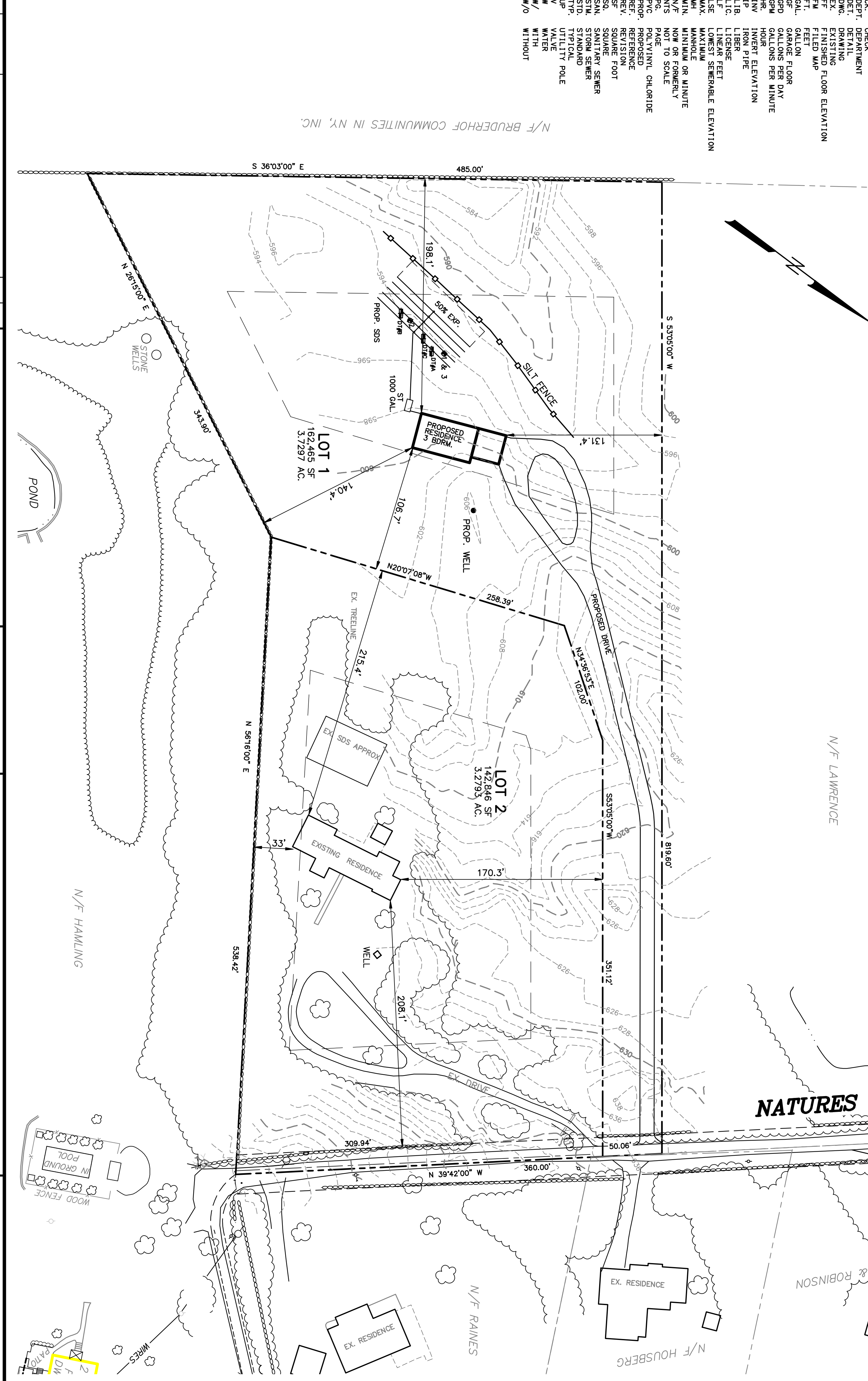
1. THE DESIGN AND LOCATION OF SANITARY FACILITIES (WATER AND SEWER SYSTEMS) SHALL NOT BE CHANGED. 2. ALL WELLS AND SEPTIC SYSTEMS WITHIN 300 FEET OF THIS PROJECT HAVE BEEN LOCATED AND ARE SHOWN ON THE PLANS. 3. TRENCHES SHALL NOT BE INSTALLED IN NET SOIL. THE SIDES AND BOTTOM OF TRENCHES MUST BE PAVED. THE ENDS OF THE LATRINS MUST BE CAPPED. 4. THERE SHALL BE NO RE-GRADING, EXCEPT AS SHOWN ON THE APPROVED PLANS. IN THE AREA OF THE ABSORPTION FIELDS. 5. HEAVY EQUIPMENT SHALL BE KEPT OFF THE AREA OF THE ABSORPTION FIELDS EXCEPT DURING THE ACTUAL CONSTRUCTION OF THE ABSORPTION FIELDS. 6. NO SWIMMING POOLS, DRIVEWAYS, OR STRUCTURES THAT MAY COMPACT THE SOIL SHALL BE LOCATED OVER ANY PORTION OF THE ABSORPTION FIELD. 7. THIS SYSTEM WAS NOT DESIGNED TO ACCOMMODATE GARAGE GRINDERS, JACUZZI TYPE SPA TUBS OVER 100 GALLONS OR WATER CONDITIONS. AS SUCH, THESE ITEMS SHALL NOT BE INSTALLED UNLESS THE SYSTEM IS REDESIGNED TO ACCOUNT FOR THEM AND RE-APPROVED BY THE ORANGE COUNTY HEALTH DEPARTMENT. 8. THERE MUST BE AN UNINTERRUPTED POSITIVE SLOPE FROM THE SEPTIC TANK (OR ANY PUMPING OR DOSING CHAMBER) TO THE HOUSE, ALLOWING SEPTIC GASES TO DISCHARGE THROUGH THE STACK VENT. 9. THE OWNER/APPLICANT OF EACH LOT SHALL BE PROVIDED WITH A COPY OF THE APPROVED PLANS AND AN ACCURATE AS-BUILT DRAWING OF ANY EXISTING SANITARY FACILITIES. 10. INDIVIDUAL WELLS AND SEWAGE DISPOSAL SYSTEMS SHALL NO LONGER BE CONSTRUCTED OR USED WHEN PUBLIC FACILITIES BECOME AVAILABLE. CONNECTION TO THE PUBLIC SEWER SYSTEM IS REQUIRED WITHIN 1 YEAR OF AVAILABILITY.

ABBREVIATIONS

AC. ACRE
BF. BASEMENT FLOOR
BR. BEDROOM
CB. CATCH BASIN
CK. CHECK
DEPT. DEPARTMENT
DKA. DRAWING
EX. EXISTING
FF. FINISHED FLOOR ELEVATION
FM. FILL MAP
F. FEET
GAL. GALLON
GPD. GALLONS PER DAY
H. HOUR
INV. INVERT ELEVATION
IP. IRON PIPE
LIB. LIBER
L.F. LINEAR FEET
LSE. LOWEST SEWERABLE ELEVATION
MAX. MAXIMUM
MH. MANHOLE
MIN. MINUTE
N/F. NOW OR FORMERLY
NTS. NOT TO SCALE
PAGE. PAGE
PC. POLYCAPRYL CHLORIDE
PROP. PROPOSED
REV. REVISION
SF. SQUARE FOOT
SNA. SANITARY SEWER
STD. STANDARD
TYP. TYPICAL
V. VALVE
W. WATER
W/O. WITHOUT

SEPTIC DESIGN NOTES:

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GENERAL NOTES:

1. RECORD OWNER: PAUL GUANERI, 18 NATURES TRAIL, CHESTER, NY
2. AREA: 7.01 ACRES OR 305,311SQ. FT.
3. TAX MAP NUMBER SECTION 18, BLOCK 1, LOT 25
4. DEED REFERENCE: LIBER 4576, PAGE 220
5. ZONING DISTRICT: AR-3

SEPTIC DESIGN BASIS

PROPOSED: 3 BEDROOM DWELLING
FROM: 13 BR/10 GPD/PR = 330 GPD
PERCAPITA RATE: 1.00 GPD/PERSON
APPLICATION RATE: 0.45 GPD/SF
AREA REQUIRED: 330.0/0.45 = 733.3 SF
LINEAR FEET TRENCH REQUIRED: 733.2 = 366.6 LF
USE 10 TRENCHES AT 40 FT. = 400 LF

PERCOLATION TEST RESULTS

7/20/2015
TEST HOLE #1: STABILIZED RATE 1" DROP IN 22 MIN 15 SEC.
TEST HOLE #2: STABILIZED RATE 1" DROP IN 47 MIN 56 SEC.
8/17/2015 JOINT SITE INSPECTION WITH FUSCO ENGINEERING
TEST HOLE #3: STABILIZED RATE 1" DROP IN 09 MIN 17 SEC.

DEEP TEST RESULTS

8/03/2015
TEST HOLE #4:
DEPTH 0.3 - 3.0
SOIL DESCRIPTION TOPSOIL WITH GRAVEL & STONES TO 8" DIA. VERY DRY
2.0 - 4.0
SILT LOAM WITH STONES TO 8" VERY DRY
4.0 - 7.5
SILT CLAY LOAM FEWER STONES.
SLIGHTLY MOIST
NO BEDROCK, NO GROUNDWATER
TEST HOLE #5:
DEPTH 0.3 - 3.0
SOIL DESCRIPTION TOPSOIL WITH GRAVEL & STONES TO 8" DIA. VERY DRY
2.0 - 3.5
SILT LOAM WITH STONES TO 8" VERY DRY
3.5 - 7.5
SILT CLAY LOAM FEWER STONES.
SLIGHTLY MOIST
NO BEDROCK, NO GROUNDWATER
TEST HOLE #6:
DEPTH 0.3 - 3.0
SOIL DESCRIPTION TOPSOIL WITH GRAVEL & STONES TO 8" DIA. VERY DRY
2.0 - 3.5
SILT LOAM WITH STONES TO 8" VERY DRY
3.5 - 7.5
SILT CLAY LOAM FEWER STONES.
SLIGHTLY MOIST
NO BEDROCK, NO GROUNDWATER
TEST HOLE #7:
DEPTH 0.3 - 3.0
SOIL DESCRIPTION TOPSOIL WITH GRAVEL & STONES TO 8" DIA. VERY DRY
2.0 - 3.5
SILT LOAM WITH STONES TO 8" VERY DRY
3.5 - 7.5
SILT CLAY LOAM FEWER STONES.
SLIGHTLY MOIST
NO BEDROCK, NO GROUNDWATER
TEST HOLE #8:
DEPTH 0.3 - 3.0
SOIL DESCRIPTION TOPSOIL WITH GRAVEL & STONES TO 8" DIA. VERY DRY
2.0 - 3.5
SILT LOAM WITH STONES TO 8" VERY DRY
3.5 - 7.5
SILT CLAY LOAM FEWER STONES.
SLIGHTLY MOIST
NO BEDROCK, NO GROUNDWATER
TEST HOLE #9:
DEPTH 0.3 - 3.0
SOIL DESCRIPTION TOPSOIL WITH GRAVEL & STONES TO 8" DIA. VERY DRY
2.0 - 3.5
SILT LOAM WITH STONES TO 8" VERY DRY
3.5 - 7.5
SILT CLAY LOAM FEWER STONES.
SLIGHTLY MOIST
NO BEDROCK, NO GROUNDWATER
TEST HOLE #10:
DEPTH 0.3 - 3.0
SOIL DESCRIPTION TOPSOIL WITH GRAVEL & STONES TO 8" DIA. VERY DRY
2.0 - 3.5
SILT LOAM WITH STONES TO 8" VERY DRY
3.5 - 7.5
SILT CLAY LOAM FEWER STONES.
SLIGHTLY MOIST
NO BEDROCK, NO GROUNDWATER

NATURES TRAIL IMPROVEMENT

1. WIDEN EXISTING ROAD 2'-0" WITH STABILIZED AGGREGATE FROM LOT #1 DRIVEWAY TO GIBSON HILL ROAD. SEE DETAIL 6/C-2.
2. PROVIDE PULL OVER AREA AS SHOWN ON PLAN
3. REPAIR EXISTING PAVEMENT WHERE NECESSARY.

P:\140162.dwg\140162PR.dwg Layout1		SUBDIVISION PLAN		JOB NAME: PAUL & LINDA GUANERI	
NO.		DATE		JOB NO.	
B		8/24/2015		140162	
A		7/24/2013		C-1	
REVISION		BY		SHEET 1 OF 2	
JAMES C. CLEARWATER, PLS		JAMES C. CLEARWATER, PLS		DATE: 7/24/2015	
NY LAND SURVEYOR NO. 49467		MICHAEL J. SANDOR PE		JOB NO.	
NY PROFESSIONAL ENGINEER		NY PROFESSIONAL ENGINEER		140162	
NO. 50445		CLIENT APPR.		C-1	
DRAWN BY: P. HUTTON		DEF. APPR.		REV. NO. B	
DEF. APPR.		COORD. CK.		SCALE: 1" = 50'	
MJS ENGINEERING & LAND SURVEYING, PC		261 Greenwich Ave		TOWN OF CHESTER, ORANGE COUNTY, NEW YORK	
Goshen, NY 10924		845-291-8650			
Fax 845-291-8657					