

1-2-23

MYERS & CO.
civil engineers

770-654-9172
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P.O. BOX 634
GAINESVILLE, GA 30503

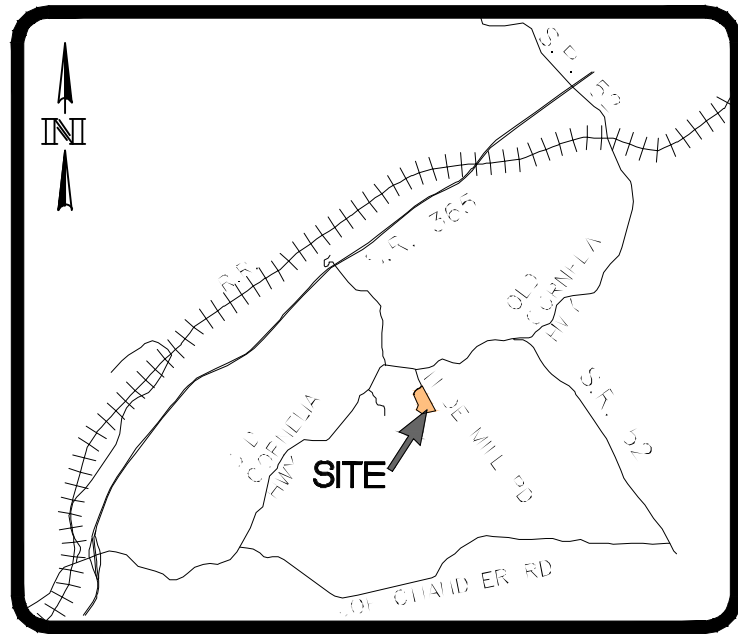
Project Description
4057 HYDE
MILL ROAD
HALL COUNTY, GEORGIA
PARCEL NUMBER: 15018 000029

JOB NO. 19-21

DATE 1-2-23

SEPTIC SEWER
PLAN

SHEET
1



VICINITY MAP
(NO SCALE)

GREENCASTLE ENGINEERING, INC.
P.O. BOX 2114
PEACHTREE CITY, GEORGIA 30269
(678) 360-6909

COUNTY: Hall	DATE: 07/31/21
CLIENT: Myers & Co., Inc.	Project No.: 7227
SITE LOCATION ADDRESS: Hyde Mill Road Tract	LOT NUMBER(S):
PHONE NUMBERS: (770) 654-9172	
SUBDIVISION:	
SCALE: 1"=100'	INTENSITY LEVEL OF INVESTIGATION: Level 3

ESTIMATED SOIL PROPERTIES ON MEASUREMENTS

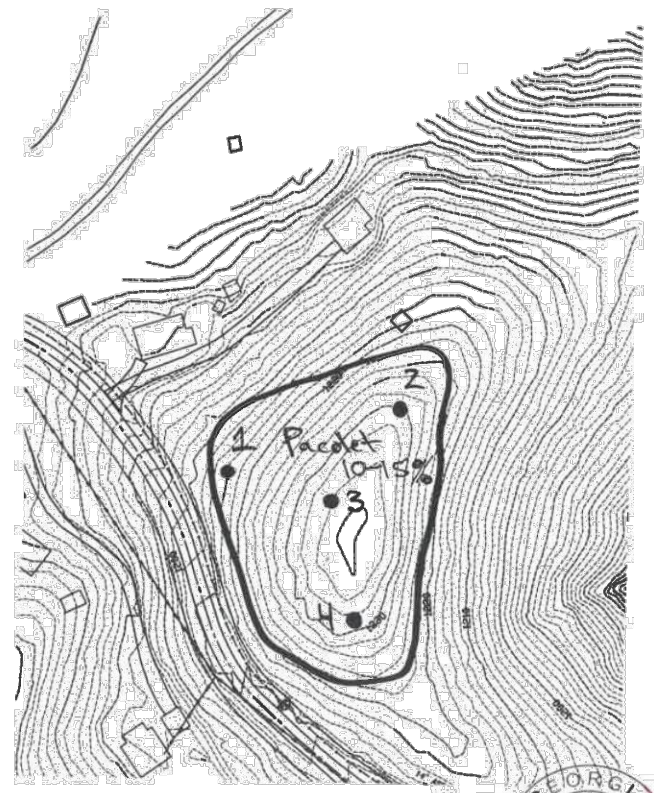
SOIL SERIES <i>See suitability codes</i>	SLOPE % ranges of the soil type	DEPTH TO BEDROCK (inches)	DEPTH TO SEASONAL HIGH H2O TABLE (inches)	ABSORPTION RATE AT RECOMMENDED TRENCH DEPTH MIN/IN.	DEPTH TO OPTIMUM PERCOLATION (inches)	SUITABILITY CODE (listed below)
Pacolet	10-15	>72	>72	45	24-48	A

SUITABILITY CODE DESCRIPTIONS AND GENERAL NOTES

A - This type of soil is generally considered to be favorable for use with standard septic systems and should have ability to function as suitable absorption field with proper design, installation, and maintenance. Suitability is determined based on an onsite evaluation by individuals who are approved by GA DHR.



LEVEL: 3	SOIL SURVEY FOR: Myers & Co., Inc.	DATE: July 31, 2021
SITE LOCATION INFORMATION: Hyde Mill Road Tract		
MAP LEGEND		
SCALE: 1"=100'	SLOPE (DIRECTION FALLING)	TEST PIT :
BORING LOCATION METHOD: Tape and Compass		SUCCESSFUL BORING (completed to 6 feet):
		UNSUCCESSFUL BORING:



I certify this on-site sewage management system meets the minimum design requirements established by the Department of Public Health. I have made a site visit to verify the system can be installed as designed in accordance with these regulations.

[Handwritten Signature]

P.E. #25513

SEPTIC NOTES

1. THERE IS NO FLOOD PLAIN ON THE LOT.
2. THE CONTOUR INTERVAL IS 2 FEET.
3. THERE IS A WELL ON THE PROPERTY.
4. THE INTENDED USE FOR THE PROPERTY IS A 3-BEDROOM SINGLE-FAMILY RESIDENCE.
5. PUBLIC WATER IS USED ON THE DEVELOPMENT.
6. BOD5 AND TSS NOT TO EXCEED 200 MG/L.
7. ANY ABANDONED SEPTIC TANK SHALL BE PUMPED BY A STATE CERTIFIED PUMPER/Hauler AND CRUSHED/FILLED.
8. SETBACKS:
 65' FROM CL FRONT
 15' SIDE
 25' REAR
9. LOT SIZE 36.48 AC.
10. ZONING IS AR-IV.
11. THERE ARE STATE WATERS ON THE PROPERTY.

ABSORPTION FIELD:

PERCOLATION/ABSORPTION RATE = 45 MIN/INCH
(PACOLET SOILS, SEE SOILS TABLE)

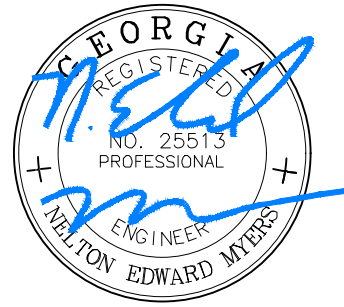
USING TABLE DT2 (MANUAL FOR ON-SITE SEWAGE MANAGEMENT SYSTEMS)

300 S.F. PER BEDROOM ABSORPTION FIELD REQUIRED
 3 BEDROOM HOUSE X 300 S.F. PER ROOM = 900 S.F.

USING A 3 FOOT WIDE TRENCH DRAIN FIELD = 300 L.F.
STANDARD DRAIN LINE REQUIRED

CHAMBER SYSTEM SHALL BE UTILIZED TO REDUCE THE DRAIN FIELD BY LENGTH BY 35%.
 300 L.F. X 0.65 = 195 L.F. REQUIRED

200 L.F. CHAMBER SYSTEM DRAIN LINE PROVIDED
300 L.F. STANDARD SYSTEM RESERVE PROVIDED



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