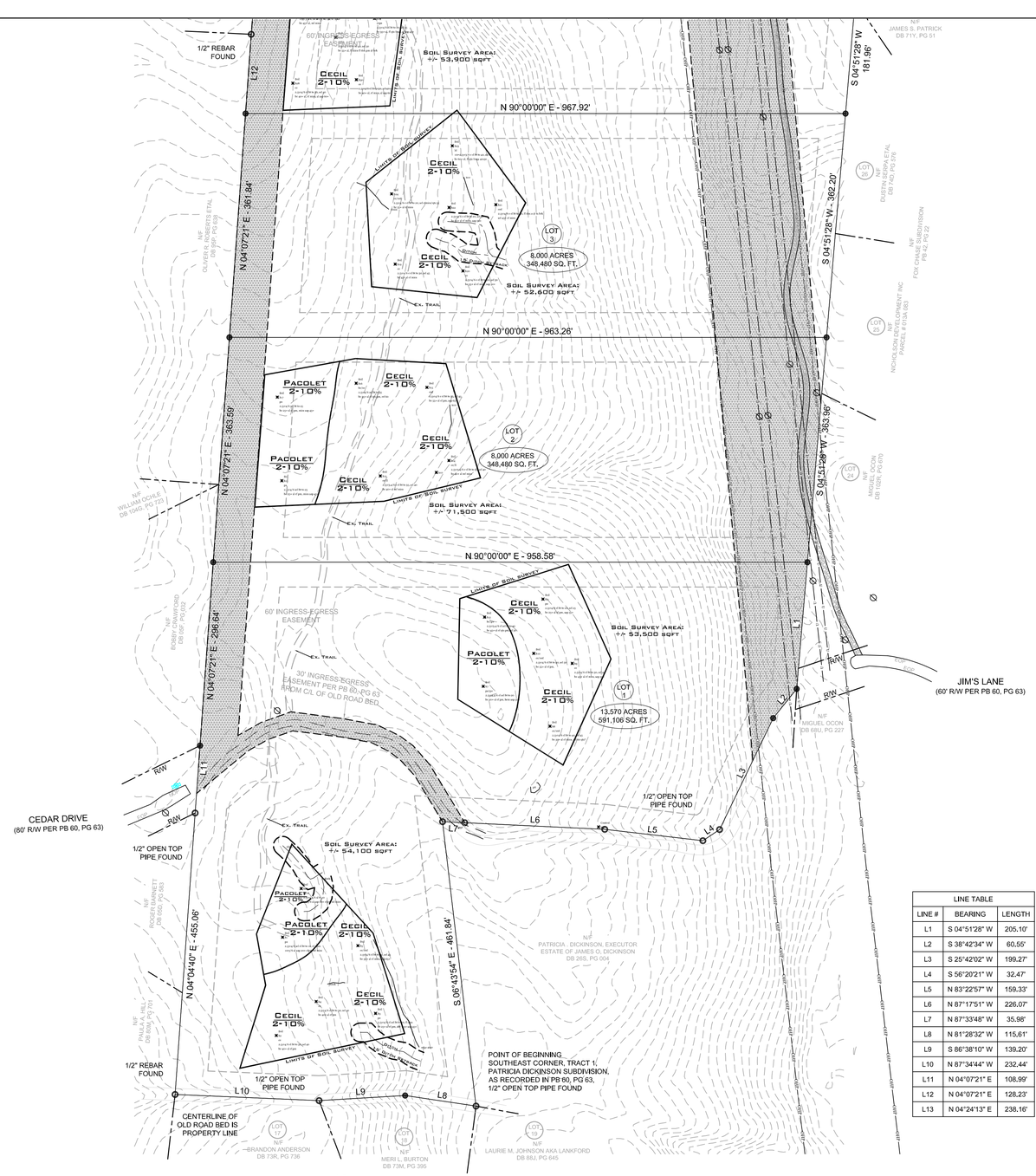


LINE TABLE		
LINE #	BEARING	LENGTH
L1	S 04°51'28" W	205.10'
L2	S 38°42'34" W	60.55'
L3	S 25°42'02" W	199.27'
L4	S 56°20'21" W	32.47'
L5	N 83°22'57" W	159.33'
L6	N 87°17'51" W	226.07'
L7	N 87°33'48" W	35.98'
L8	N 81°28'32" W	115.61'
L9	S 86°38'10" W	139.20'
L10	N 87°34'44" W	232.44'
L11	N 04°07'21" E	108.99'
L12	N 04°07'21" E	128.23'
L13	N 04°24'13" E	238.16'

SOIL MAP KEY

- #2 :SOIL BORING NUMBER
- Pacolet • NRCS SOIL SERIES
- SCL BC@2FT - SOIL BORING NOTES SWT = SEASONAL WATER TABLE DEPTH REF = REFUSAL DEPTH
- :LEVEL 3 SOIL BOUNDARY
- :2019 - 2020 USGS LIDAR: CENTRAL GEORGIA 2' CONTOUR
- :EXISTING WELL
- :EXISTING TREELINE
- :EXISTING FENCELINE
- :DITCH & 15' SEPTIC SETBACK

STATE PLANE 1983 GA WEST

GRAPHIC SCALE

100 0 50 100

(IN FEET)
1 inch = 100 ft.

SITE DATA:
PARENT PARCEL
TAX PARCEL ID:
013 010E
+/- 53.6 ACS
TOTAL AREA OF LEVEL 3 SOIL SURVEY: +/- 9 ACS

SOIL TABLE & NOTES

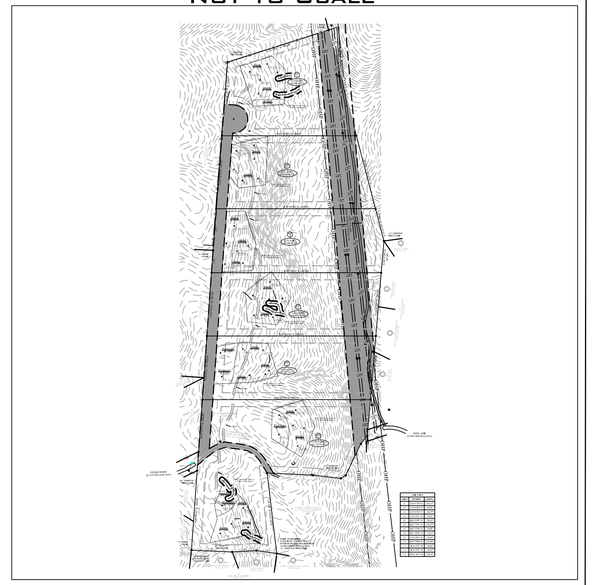
NRCS SOIL SERIES CODE	DEPTH TO ROCK INCHES	DEPTH TO SEASONAL HIGH WATER TABLE INCHES	RECOMMENDED TRENCH DEPTH INCHES	ESTIMATED PERCOLATION RATE MIN/IN	DPH
CECIL	>72	>72	24-48	60	A
PACOLET	>72	>72	24-48	50	A
STARR	>72	>72	NA	NA	D

* SEASONAL HIGH WATER TABLE INDICATED BY CHROMA 2 OR LESS REDOX FEATURES.
- HARD ROCK DEFINED AS MATERIAL IMPENETRABLE BY HAND AUGER, EXCLUDING SOFT SAPROLITE.

DPH SUITABILITY CODES:
A: SOILS SHOULD HAVE THE ABILITY TO FUNCTION AS AN ABSORPTION FIELD WITH THE PROPER DESIGN, INSTALLATION, AND MAINTENANCE.
D: SOILS ARE LOCATED IN NATURAL DRAINAGE WAYS AND ARE SUBJECT TO INUNDATION DURING STORM EVENTS. THESE AREAS ARE NOT SUITED FOR SEPTIC SYSTEM APPLICATION.

GENERAL NOTES & COMMENTS:
1) BOUNDARY SURVEY WITH PROPOSED LOT LAYOUT PROVIDED BY CLIENT IN CAD FORMAT. FIELDWORK PERFORMED 3-21-24.
2) ALL BORINGS AND FEATURES ON SOIL MAP WERE LOCATED WITH DIFFERENTIALLY CORRECTED GPS DATA (+/- 1M ACCURACY) IN STATE PLANE COORDINATES (NAD1983 GA EAST OR WEST).
3) SOIL SERIES UNIT BOUNDARIES AND EXTENTS ARE INTERPOLATED BY ON-SITE SOIL CLASSIFIER.
4) LINES DELINEATING SOIL UNIT BOUNDARIES ON MAP SHOULD NOT BE CONSIDERED EXACT. INSTEAD, THEY SHOULD BE CONSIDERED AS TRANSITIONAL AREAS SEPARATING UNITS OF SOILS WITH SIMILAR PHYSICAL CHARACTERISTICS AND UTILIZATION. INCLUSIONS OF DISSIMILAR SOILS MAY EXIST WITHIN THESE UNITS & MAY BE TOO SMALL TO DELINEATE AT THIS LEVEL OF SURVEY.
5) ALTERATIONS, DURING CONSTRUCTION OR PRIOR TO DRAIN FIELD INSTALLATION, THAT RESULT IN SIGNIFICANT CHANGES TO THE NATURAL SOIL PROFILE, RENDER THESE SPECIFICATIONS INAPPLICABLE. THOSE SOILS SHOULD BE RE-EVALUATED TO DETERMINE SUITABILITY PRIOR TO DRAIN FIELD INSTALLATION IF ALTERED.
6) WHEN TRENCH LINES ARE DUG BY INSTALLER, EVERY PRECAUTION SHOULD BE TAKEN TO ENSURE THAT THERE IS MINIMAL DISTURBANCE TO THE SOIL ON THE TRENCH WALLS. SMEARING OF TRENCH WALLS OR IMPROPER INSTALLATION CAN LEAD TO SYSTEM FAILURE. TRENCHES SHOULD BE INSTALLED UNDER DRY CONDITIONS AND SIDE WALLS SHOULD BE PICKED/TOOTHED IF POSSIBLE.
7) AREAS LABELED NS WERE NOT SURVEYED AND SHOULD NOT BE CONSIDERED FOR DRAIN FIELD APPLICATION WITHOUT ADDITIONAL STUDIES.
8) AREAS THAT ARE IN CONCAVE LANDSCAPE POSITIONS OR AREAS THAT CHANNEL STORM WATER (SURFACE AND/OR SUBSURFACE) FLOW SHOULD NOT BE CONSIDERED FOR DRAIN FIELD APPLICATION WITHOUT INSTALLATION OF WATER DIVERSION MECHANISMS (I.E. CURTAIN DRAINS). ALL DOWNSPOUTS AND/OR ROOF LEADERS OR ANY HARDSCAPE FEATURE THAT CONCENTRATES STORMWATER SHALL BE DIRECTED AWAY FROM THE DRAIN FIELD AREA.
9) ANY TERRACE FEATURE SHOULD BE AVOIDED OR RE-GRADED TO ALLOW POSITIVE WATER FLOW SO THAT SURFACE WATER DOES IMPACT SEPTIC SYSTEM.
10) SEPTIC SYSTEM SIZING SHALL BE BASED ON CURRENT APPROVED SYSTEM GUIDELINES SET FORTH BY THE STATE OF GEORGIA DPH AND SEPTIC PERMIT ISSUED BY LOCAL DEPARTMENT OF HEALTH.
11) THE INFORMATION DETAILED IN THIS REPORT CONTAINS THE PROFESSIONAL OPINION AND JUDGEMENT OF SEI AND MEETS OR EXCEEDS CURRENT DPH GUIDELINES FOR A LEVEL 3 SOIL SURVEY. NO GUARANTEE OF THE PERFORMANCE OF ANY ON-SITE SEPTIC SYSTEM IS WARRANTED BY SEI.
12) SEI ESTIMATES PERCOLATION RATES BASED ON CONVENTIONAL GRAVEL AND PIPE SYSTEM. ALTERNATIVE PRODUCTS ARE AVAILABLE WITH DPH APPROVED LENGTH REDUCTIONS UP TO 35%. THIS IS DUE TO IMPROVED INFILTRATIVE SURFACE ARCHITECTURE (ISA) THAT SUPPORTS LESS SURFACE MASKING AT THE EFFLUENT/SOIL INTERFACE. IN SOILS WITH LOW PERMEABILITY DUE TO HIGH CLAY CONTENT AND/OR WEAK STRUCTURE, THE SOIL PERMEABILITY CONTROLS THE INFILTRATION RATE INTO THE SOIL INTERFACE AND THE PRODUCT ISA HAS LESS EFFECT BASED ON CITED RESEARCH. SOILS WITH DPH CODES SUCH AS P & J HAVE LOWER PERMEABILITY. IN THESE SOIL TYPES, WE RECOMMEND THAT ALL PRODUCTS ARE SIZED BASE ON DPH TABLE 10.F WITH NO REDUCTION TO PROVIDE ADDITIONAL SAFETY FACTOR AND BETTER PROMOTE LONG TERM FUNCTION. HOWEVER, DPH APPROVED SIZE REDUCTIONS ARE ALLOWED AT THE OWNERS DISCRETION.

SITE LOCATION MAP
NOT TO SCALE



LEVEL 3 SOILS SURVEY FOR ON-SITE SEPTIC PERMITTING FOR MILLWOOD HOLDINGS CEDAR DRIVE NICHOLSON, GA JACKSON COUNTY

CLIENT:
MILLWOOD HOLDINGS, LLC
CONTACT: HEATH PERRY
P: 706-338-8683
E: HEATH@MILLWOODHOLDINGS.COM

PHILLIP A. ARCHER GA CERTIFIED SOIL CLASSIFIER NUMBER 364 VALID IN RED INK ONLY

SEAL

SEI
SITE ENHANCEMENT, INC.
WWW.SEISOILS.COM
6345 NOWHERE RD - HULL, GA - 30646
P: 706-202-0909 E: PARCHER@SEISOILS.COM

SEI PROJECT NO:	24-0301
DATE:	6-28-24
DRAWING BY:	PAA
CHECKED BY:	PAA

REVISIONS

No.	DATE	DESCRIPTION
A		
A		
A		
A		