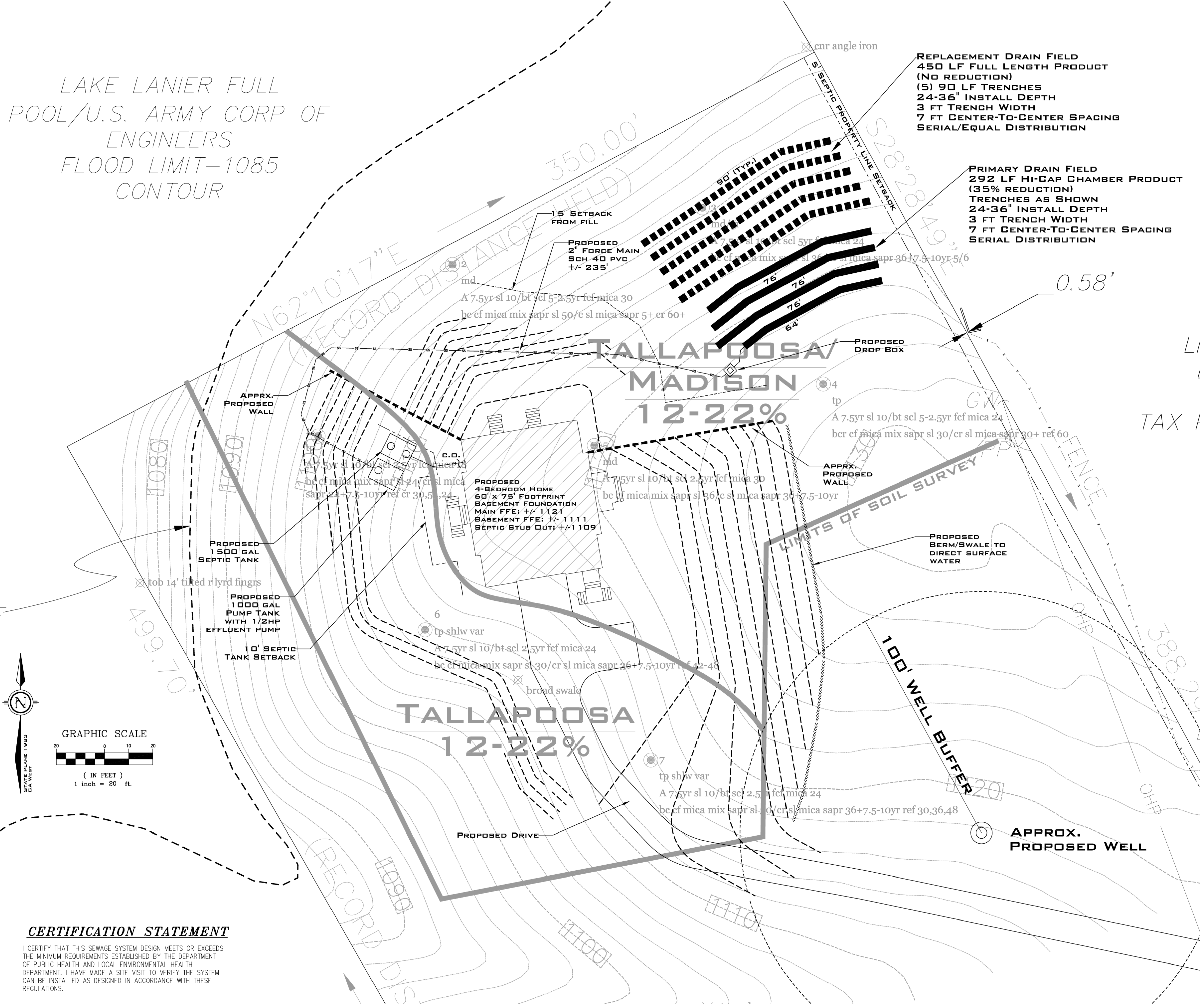


LAKE LANIER FULL
POOL/U.S. ARMY CORP OF
ENGINEERS
FLOOD LIMIT-1085
CONTOUR



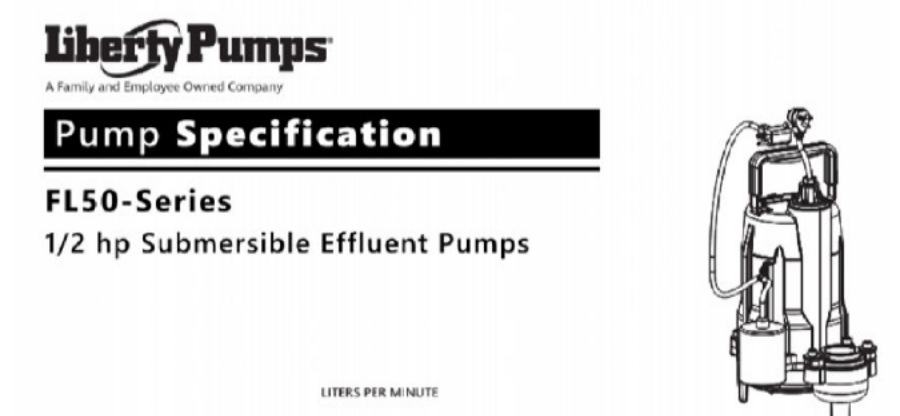
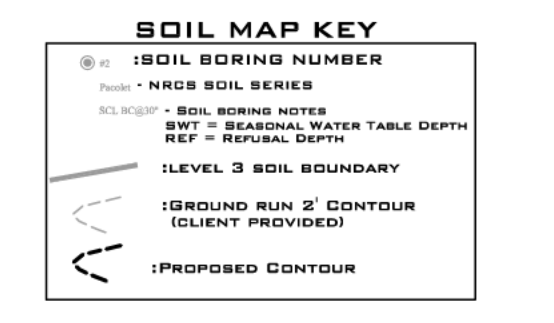
DESIGN FLOW & DISPOSAL FIELD SIZING:

PRIMARY & REPLACEMENT FIELD

- NO. OF BEDROOMS: 4
- SEPTIC TANK SHALL BE 1500 GAL CAPACITY MINIMUM WITH FOOD DISPOSAL
- SOIL TYPE: TALLAPOOSA/MADISON DESIGN PERC RATE: 60 MIN/IN INSTALL DEPTH: 24-36 IN
- LEVEL 3 SOIL SURVEY PERFORMED BY SITE ENHANCEMENT INC. DATED 1-29-26
- ABSORPTION FIELD AREA PER BEDROOM: 335 SQFT/BEDROOM
- DRAIN FIELD AREA: 4' BDRM X 3.5' SQFT/BDRM = 1340 SQFT
- DRAIN LINE REQUIRED: 1340 SF / 3 FT TRENCH = 447 LINEAR FEET (MINIMUM)
- PRIMARY DRAIN FIELD:
 - HI-CAP CHAMBER PRODUCT (35% REDUCTION) = 447 FT X 0.65 = 291 FT (MINIMUM)
 - 292 L.F. SHOWN ON PLANS FOR PRIMARY (WITH 4' PRODUCT)
- REPLACEMENT DRAIN FIELD:
 - FULL LENGTH PRODUCT (NO REDUCTION) = 447 FT (MINIMUM)
 - 450 L.F. SHOWN ON PLANS FOR REPLACEMENT

PUMP TANK & PUMP SIZING CALCULATIONS:

- REQUIRED STORAGE VOLUME OF DOSING TANK:
 - DESIGN FLOW + OPERATING LIQUID CAPACITY = 600 GAL + 220 GAL = 820 GAL
 - 1000 GAL (MIN.) PUMP TANK REQUIRED (SINGLE CHAMBER)
- DOSING VOLUME PER PUMP CYCLE (DEMAND DOSED):
 - 0.75 GAL X LINEAR FEET DRAIN FIELD = 0.75 GAL/FT X 292 FT = 220 GAL/DOSE
 - **0.5-1.0 GAL/FT RECOMMENDED FOR HIGH CAP. CHAMBER PRODUCTS
- DESIGN PUMP FLOW: 30 GPM
 - TOTAL LINEAR FEET 2' SCH 40 FORCE MAIN: +/- 235 FT
 - DESIGN TOTAL DYNAMIC HEAD:
 - PUMP TANK DEPTH + ELEVATION HEAD + FRICTION HEAD = 7' + 24' + 3' = 34'
- DESIGN EFFLUENT PUMP: 1/2 HP LIBERTY F50 SERIES SUBMERSIBLE EFFLUENT PUMP (OR APPROVED EQUAL)
 - 220 GAL PER DOSE ON DEMAND (MAX.), PUMP WILL OPERATE +/- 30 GPM @ 34' HEAD
 - PUMP DOSE VOLUME SHALL BE VERIFIED WITH DRAW DOWN TEST
 - PUMP SHALL BE CONTROLLED BY A SQUARE-RHOMBUS IFS CONTROL PANEL OR APPROVED EQUAL



LINDA G.
D.B. 65E
ZONII
TAX PARCEL

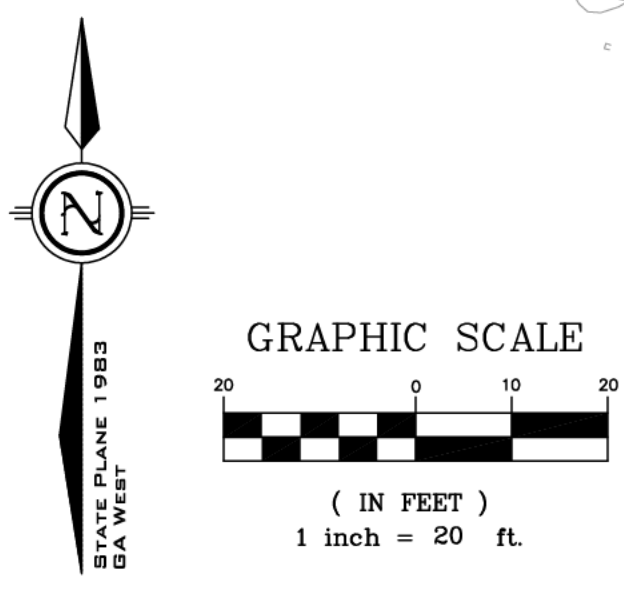
SITE DATA:
ADDRESS: 5964 OVERBY RD
TAX PARCEL: DB109 000015
9.68 ACS
ZONED: V-C

- GENERAL SITE PLAN NOTES**
- BOUNDARY SURVEY PROVIDED BY CLIENT IN CAD FORMAT AND OVERLAID BY SEI. HOME WAS LOCATED BY SEI WITH SUB-METER GPS.
 - ALL CONSTRUCTION OF THE SEPTIC SYSTEM TO COMPLY WITH HALL CO. ENV. HEALTH REQUIREMENTS AND ALL APPLICABLE BUILDING REGULATIONS.
 - CONTRACTOR TO VERIFY/CONFIRM LOCATION OF UTILITIES, SETBACKS, LAYOUT AND ELEVATIONS.
 - CONTRACTOR TO NOTIFY DESIGNER, OWNER AND HALL CO. ENV. HEALTH OF ANY DISCREPANCY FOUND WITH EXISTING SITE CONDITIONS PRIOR TO INSTALLATION.
 - THIS PROPERTY IS SERVICED BY EXISTING PRIVATE WELL.
 - LEVEL 3 SOIL SURVEY PERFORMED BY SITE ENHANCEMENT, INC.
 - CONTRACTOR SHALL SEED & STRAW ALL DISTURBED AREA AND MAINTAIN POSITIVE DRAINAGE OVER PROPOSED DRAIN FIELD AREA TO ENSURE SURFACE WATER DOES NOT POND OVER PROPOSED DRAIN FIELD AREA.
 - ALL DOWNSPOUTS & HARDSCAPES SHALL BE ROUTED AWAY FROM DRAIN FIELD AREA TO AVOID SURFACE WATER INTRUSION TO DRAIN FIELD AREA. POSITIVE DRAINAGE MUST BE MAINTAINED.
 - NO GRADING THAT INCLUDES CUT OR FILL SHALL BE CONDUCTED IN PROPOSED DRAIN FIELD LOCATIONS.
 - INTENT OF THIS SEPTIC PLAN IS FOR HOME PLACEMENT & PROPOSED LOCATION OF THE PRIMARY AND REPLACEMENT DRAIN FIELD. DRAIN FIELD ORIENTATION MAY BE FIELD ADJUSTED BUT MUST MEET TRENCH DEPTHS AND MAINTAIN SETBACKS AS SHOWN ON PLANS. IF TRENCH DEPTHS EXCEED 36", CLASS 1 EFFLUENT OR PIT STUDY TO BETTER EVALUATE LIMITING ROCK WILL BE REQUIRED.

SOIL TABLE & NOTES

NRCS SOIL SERIES	DEPTH TO ROCK INCHES	DEPTH TO SEASONAL HIGH WATER TABLE INCHES	RECOMMENDED TRENCH DEPTH INCHES	ESTIMATED PERCOLATION RATE MIN/IN	DPH CODE
TALLAPOOSA/MADISON COMPLEX	60->72	>72	24-36	60	N1
TALLAPOOSA	48-54	>54	18-24	60	N2

* 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:
 N1: SOIL HAS VARIABLE DEPTHS/HARDNESS OF PARENT MATERIAL THAT IS NON-LIMITING IN MOST CASES FOR SEPTIC SYSTEM APPLICATION BUT MAY CONTAIN INCLUSIONS OF SHALLOW ROCK LAYERS. ALL SOIL BORINGS DUG WITH HAND AUGER WERE EXCAVATED TO 60" OR GREATER BUT HAD PARTIALLY WEATHERED PARENT MATERIAL THROUGHOUT SOIL PROFILE. HARD MATERIAL OBSERVED WAS BREAKABLE WITH HAND AND HAD CLAY FILMS ALONG FACES OF ROCK FRAGMENTS INDICATING SUBSURFACE WATER MOVEMENT. A SHALLOW INSTALLATION IS RECOMMENDED TO ENSURE SUFFICIENT DEPTH BETWEEN TRENCH BOTTOM AND ANY APPARENT LIMITING LAYER. CLASS 1 EFFLUENT MAY BE UTILIZED TO ALLOW FOR DEEPER INSTALLATION DEPTHS IF 2' SEPARATION BETWEEN TRENCH BOTTOM AND ANY APPARENT LIMITING LAYER CAN NOT BE MAINTAINED OR PIT STUDIES MAY BE CONSIDERED TO BETTER EVALUATE ROCK CONDITIONS.
 N2: SOIL HAS VARIABLE DEPTHS/HARDNESS OF PARENT MATERIAL THAT IS NON-LIMITING IN MOST CASES FOR SEPTIC SYSTEM APPLICATION BUT MAY CONTAIN INCLUSIONS OF SHALLOW ROCK. ALL SOIL BORINGS DUG WITH HAND AUGER WERE EXCAVATED TO 48" OR GREATER BUT HAD PARTIALLY WEATHERED PARENT MATERIAL IN LOWER PORTIONS OF THE SOIL PROFILE. THESE AREAS ARE INTERMINGLED WITH VARYING DEGREES OF WEATHERED PARENT MATERIAL. A SHALLOW INSTALLATION IS RECOMMENDED TO ENSURE SUFFICIENT DEPTH BETWEEN TRENCH BOTTOM AND ANY APPARENT LIMITING LAYER. CLASS 1 EFFLUENT MAY BE UTILIZED TO ALLOW FOR DEEPER INSTALLATION DEPTHS IF 2' SEPARATION FROM LIMITING LAYER CAN NOT BE MAINTAINED OR PIT STUDIES MAY BE CONSIDERED TO BETTER EVALUATE ROCK CONDITIONS.

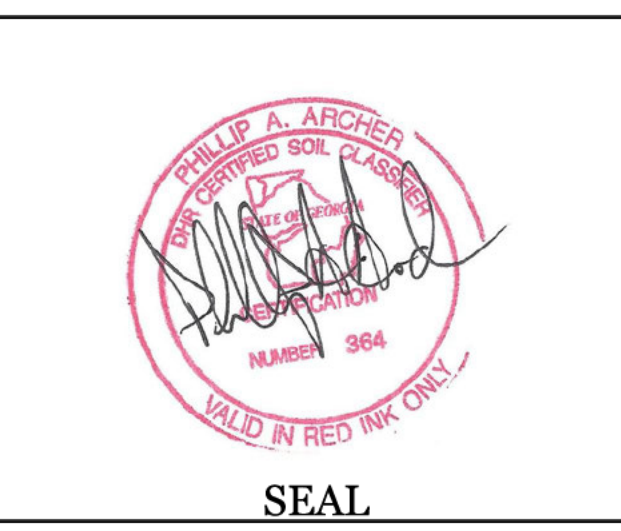


CERTIFICATION STATEMENT

I CERTIFY THAT THIS SEWAGE SYSTEM DESIGN MEETS OR EXCEEDS THE MINIMUM REQUIREMENTS ESTABLISHED BY THE DEPARTMENT OF PUBLIC HEALTH AND LOCAL ENVIRONMENTAL HEALTH DEPARTMENT. I HAVE MADE A SITE VISIT TO VERIFY THE SYSTEM CAN BE INSTALLED AS DESIGNED IN ACCORDANCE WITH THESE REGULATIONS.

SEPTIC SYSTEM LOCATION PLAN FOR ON-SITE WASTEWATER DISPOSAL PERMITTING FOR RMS SOUTH, INC. 5964 OVERBY ROAD FLOWERY BRANCH, GA HALL COUNTY

RMS SOUTH, INC.
CONTACT: CHRIS WHITE
1072 MICHAEL RD
MONROE, GA 30656
P: 678-859-6266
E: CHRIS@RMSSOUTH.COM



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

SEI PROJECT NO: 26-0200
DATE: 3-6-26
DRAWING BY: PAA
CHECKED BY: PAA

REVISIONS

No.	DATE	DESCRIPTION
1		
2		
3		
4		

AREA SURVEYED:
+/- 64,800 SQFT
OR 1.49 ACS

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