

LEGEND

BSL	= BUILDING SETBACK LINE	---	LIMIT OF LEVEL 3 SOIL SURVEY
TSL	= TANK SETBACK LINE	---	10-FOOT TOPOGRAPHIC CONTOUR
DFSL	= DRAIN FIELD SETBACK LINE	---	2-FOOT TOPOGRAPHIC CONTOUR
PSSL	= POOR SOIL SETBACK LINE	---	PROPOSED GRADING
ST	= SEPTIC TANK	---	PROPERTY BOUNDARY
HCC	= HIGH CAPACITY CHAMBER	---	
REP	= REPLACEMENT	---	
CO	= CLEANOUT	---	
FFE	= FINISHED FLOOR ELEVATION	---	
SOE	= STUB OUT ELEVATION	---	
STE	= SEPTIC TANK ELEVATION	---	

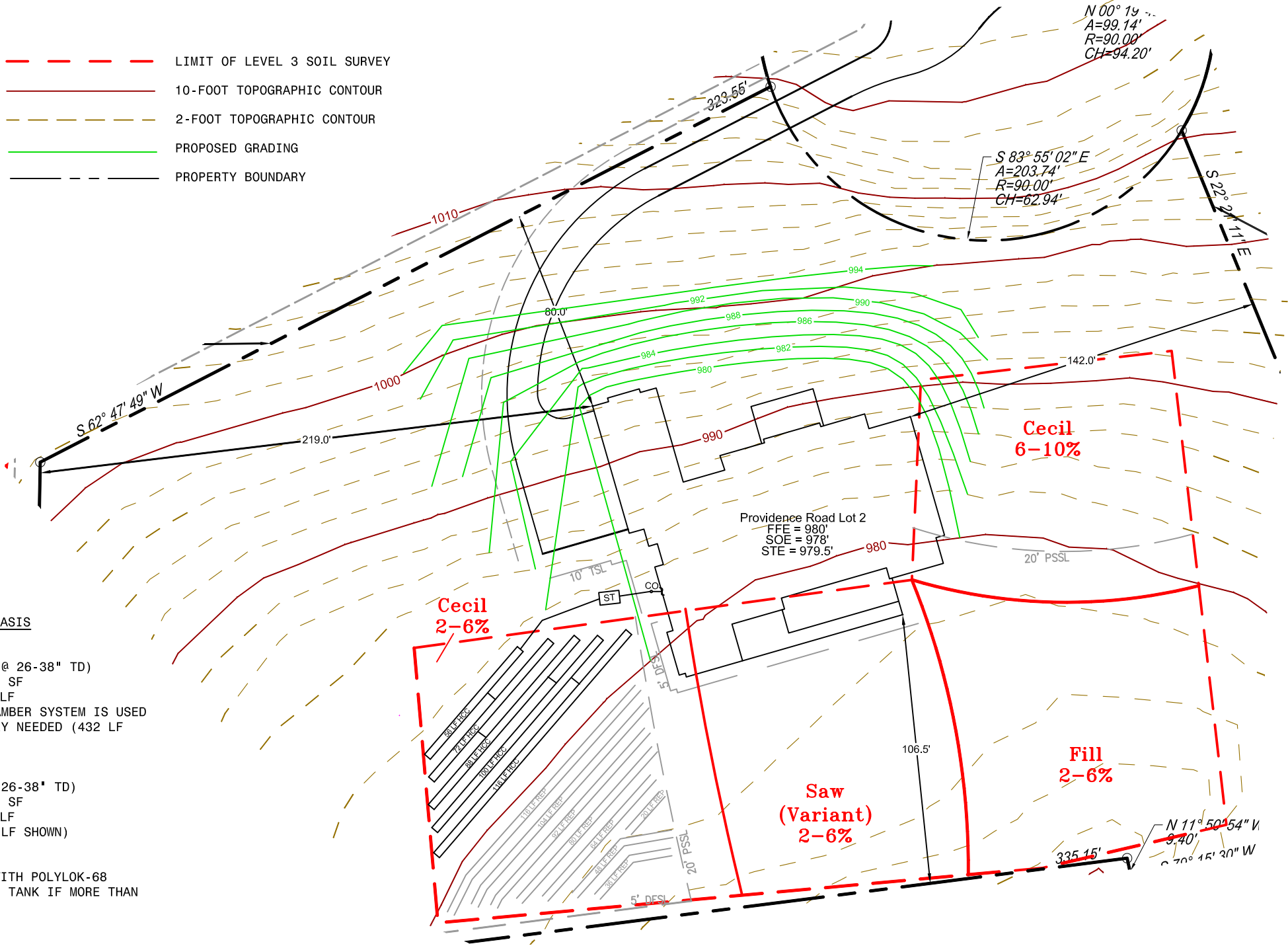
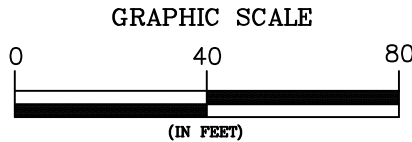
RESIDENTIAL SEPTIC SYSTEM DESIGN BASIS

PRIMARY:
5 BEDROOMS AT 55 MPI (CECIL SOILS @ 26-38" TD)
325 SF/BEDROOM X 5 BEDROOMS = 1625 SF
1625 SF / 3 FT TRENCH WIDTH = 542 LF
35% REDUCTION IF HIGH CAPACITY CHAMBER SYSTEM IS USED
0.65 X 542 LF = 352.3 LF OF PRIMARY NEEDED (432 LF SHOWN)

REPLACEMENT:
5 BEDROOMS AT 55 MPI (CECIL SOILS 26-38" TD)
325 SF/BEDROOM X 5 BEDROOMS = 1625 SF
1625 SF / 3 FT TRENCH WIDTH = 542 LF
542 LF OF REPLACEMENT NEEDED (560 LF SHOWN)

TANKS:
1500-GALLON 2 COMPARTMENTED TANK WITH POLYLOK-68
FILTER OR EQUIVLANT(TRAFFIC RATED TANK IF MORE THAN
3' OF COVER.

** IF PROPER FALL FROM TANK/INSTALL DEPTH
TO DAINLINE CANNOT BE MET, PUMP TANK WILL NEED TO BE USED.**



NOTES:

- THIS IS NOT A BOUNDARY SURVEY. BOUNDARY AND TOPOGRAPHIC INFORMATION IS APPROXIMATE. SURVEY DATA AND TOPOGRAPHIC CONTOURS WERE PROVIDED TO MILL CREEK ENVIRONMENTAL, LLC (MCE) BY CLIENT.
- SOIL AND TOPOGRAPHIC INFORMATION WAS OBTAINED FROM A LEVEL 3 SOIL SURVEY COMPLETED BY MCE DATED 1/18/24.
- SEPTIC SYSTEM COMPONENT LOCATIONS, GRADING, AND HOUSE LOCATION ARE SHOWN AS A GUIDE TO ASSURE SYSTEM WILL FIT WITHIN THE AREA AVAILABLE. OWNER AND INSTALLER MAY INSTALL SYSTEM IN DIFFERENT LOCATIONS OR LAYOUTS, GRADE LOT AND DRIVE, AND MODIFY CONSTRUCTION PLANS AS NEEDED TO SUIT SITE CONDITIONS. MODIFICATIONS TO PLANS MAY REQUIRE APPROVAL FROM LOCAL INSPECTORS.
- INSTALL TREE SAVE FENCE AROUND PRIMARY AND REPLACEMENT DRAIN FIELD AREAS PRIOR TO GRADING TO PROTECT SEPTIC DRAIN FIELD FROM DISTURBANCE. CUTTING OR FILLING OF DRAIN FIELD AREA VOIDS SOIL RESULTS AND WILL REQUIRE NEW SOIL TESTING TO DETERMINE SUITABILITY OF DISTURBED AREAS.
- THE SEPTIC INSTALLER WILL LIGHTLY CROWN THE GROUND SURFACE ABOVE THE SEPTIC TANK AND DRAIN FIELD TO DIVERT SURFACE WATER.



4055 Highway 53 East
Dawsonville, GA 30534
Phone: 706-579-1607

Conceptual Site Plan
Roberts Properties Inc.
Providence Road, Lot 2
Alpharetta, Fulton County, Georgia
MCE Job # SA-24345-2

PARCEL	22 429008860210
CITY	Alpharetta
COUNTY	Fulton
STATE	GEORGIA

JOB NUMBER	DATE
SA-24345-1	7/9/2024

DESIGN	CHECKED	REVIEWED
BLT	CMA	KAB

DATE	NO	REVISION