

SOIL PROFILES INC.

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J. SHANNON HUDGINS
GA DHR SOIL CLASSIFIER # 147

LEVEL: 3 (1=RECON, 2=PRELIMINARY, 3=HIGH INTENSITY, 4=SPECIAL STUDY)

DATE MAPPED: JULY 20, 2021

SCALE: 1"=100'

CLIENT: MARK MCCULLOUGH

PROJECT: MASSENGALE RD

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SOILS INTERPRETATION TABLE

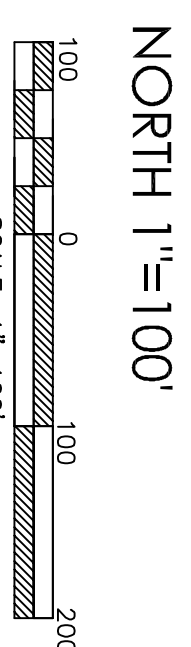
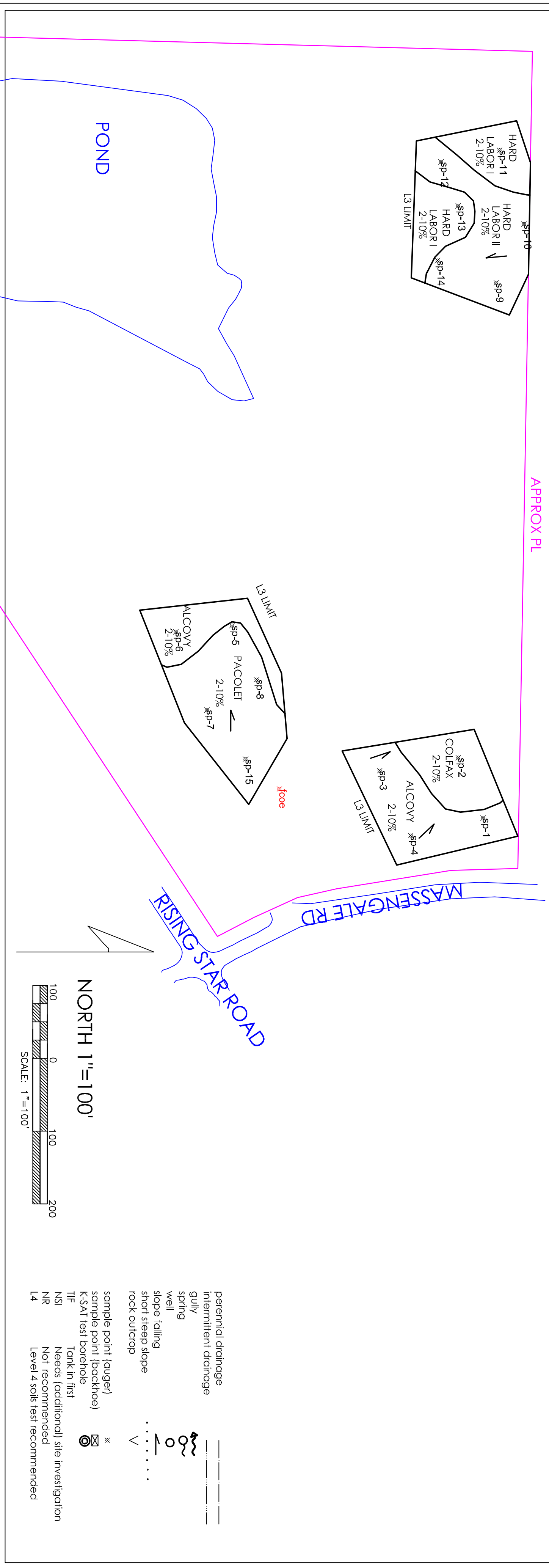
SOIL SERIES AND CODE	SLOPE (%)	Depth to BEDROCK (inches)	Seasonal High WATER TABLE (inches)	Estimated PERC RATE @ Recommended Installation/Trench Depth (inches/minute)	Recommended DEPTH (inches)	COMMENTS
ALCOVY C	2-10%	>72	32	90-ATU	12-20-ATU	SEASONAL HIGH SATURATION
COLFAX F	2-10%	>72	24	NR	NR	SEASONAL HIGH SATURATION
HARD LABOR I C	2-10%	>72	36	90-ATU	12-24-ATU	SEASONAL HIGH SATURATION
HARD LABOR II P	2-10%	>72	50	75	12-26(12-36-ATU)	SEASONAL HIGH SATURATION
PACOLET A	2-10%	>72	>72	50	24-48	

NOTES

- AREAS WHICH FLOOD, HAVE FLOODING POTENTIAL, OR WHICH SERVE AS DRAINAGEWAYS SHOULD NOT BE USED.
- SURFACE AND SUBSURFACE DRAINAGE SHOULD BE DIVERTED AWAY FROM ABSORPTION FIELD LINES INSTALLED IN NEARLY LEVEL AREAS (0-5% SLOPE), AND FROM THOSE INSTALLED ON CONCAVE SLOPES.
- AREAS WITH SLOPE GREATER THAN 25% MAY BE USABLE FOR SEPTIC SYSTEMS IF SLOPE LIMITATIONS ARE OVERCOME BY SYSTEM DESIGN, OR BY SITE MODIFICATION (e.g. BENCHING).
- SAMPLE POINTS, SURFACE FEATURES, AND SURVEY CONTROL WERE LOCATED BY GPS (TRIMBLE MODEL PRO XRS).

SOIL SUITABILITY CODES

- A=THIS SOIL SERIES SHOULD HAVE ABILITY TO FUNCTION AS A SUITABLE ABSORPTION FIELD WITH PROPER DESIGN, INSTALLATION AND MAINTENANCE.
- G=DUE TO SHALLOW WATER TABLE CONDITIONS THIS SOIL IS SUITABLE FOR ALTERNATIVE ABSORPTION FIELDS ONLY.
- F=NORMALLY CONSIDERED UNSATISFACTORY FOR USE FOR ABSORPTION FIELDS.
- P=SUITABLE FOR SHALLOW CONVENTIONAL SYSTEM BUT REQUIRES ATU IF LINES ARE INSTALLED LESS THAN 24" FROM WATER TABLE INDICATORS.



- perennial drainage
- intermittent drainage
- gully
- spring
- well
- slope falling
- short steep slope
- rock outcrop
- sample point (auger)
- sample point (backhoe)
- KSAT test borehole
- TIF
- NSI
- NR
- L4