

**SOIL/SITE EVALUATION
 for ON-SITE WASTEWATER SYSTEM**

Owner: Applicant: James Wheeler
 Address: Date Evaluated: 12-1-23
 Proposed Facility: SFD 77'x53' Design Flow (.1949): 360 Property Size:
 Location of Site: Property Recorded:
 Water Supply: Public Individual Well Spring Other
 Evaluation Method: Auger Boring Pit Cut
 Type of Wastewater: Sewage Industrial Process Mixed

P R O F I L E #	.1940 Landscape Position/ Slope %	Horizon Depth (In.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
1	1-2 1/2 LS	0-8	SL, gr	F ₁ , NS, NP, SE					
		8-36	SCL, SBK	F ₁ , SS, NP, SE	7.5YR 6/8				
		36-48	SCL / Percent material	F ₁ , SS, NP, SE	7.5YR 6/8 7.5YR 6/2 at 36"	48"		.4	
2	1-2 1/2 LS	0-8	LS, gr	F ₁ , NS, NP, SE					
		8-13	SL, gr	F ₁ , NS, NP, SE					
		13-36	SCL, SBK	F ₁ , SS, NP, SE	7.5YR 6/8				
		36-48	SCL / Percent material	F ₁ , NS, NP, SE	7.5YR 6/8 7.5YR 6/2 mottles at 36"	48"		.4	
3	1-2 1/2 LS	0-11	LS, single grain	F ₁ , NS, NP, SE					
		11-19	SL, gr	F ₁ , NS, NP, SE					
		19-37	SCL, SBK	F ₁ , SS, NP, SE	7.5YR 6/8				
		37-48	SCL / SBK	F ₁ , SS, NP, SE	7.5YR 6/8 7.5YR 6/2 at 37"	48"		.4	

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <u>PS</u> Evaluated By: <u>JM/RB</u> Others Present:
Available Space (.1945)			
System Type(s)	<u>2502</u>	<u>2002</u>	
Site LTAR	<u>.4</u>	<u>.4</u>	

COMMENTS: _____

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE FR-FRIABLE	NS-NON-STICKY SS-SLIGHTLY STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM	S-STICKY VS-VERY STICKY
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT	0.6 - 0.3		NP-NON-PLASTIC SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC
H-HEAD SLOPE		SIL-SILT LOAM			
CC-CONCLAVE SLOPE		CL-CLAY LOAM			
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM			
T-TERRACE	IV	SIC-SILTY CLAY	0.4 - 0.1		
FP-FLOOD PLAN		C-CLAY SC-SANDY CLAY			

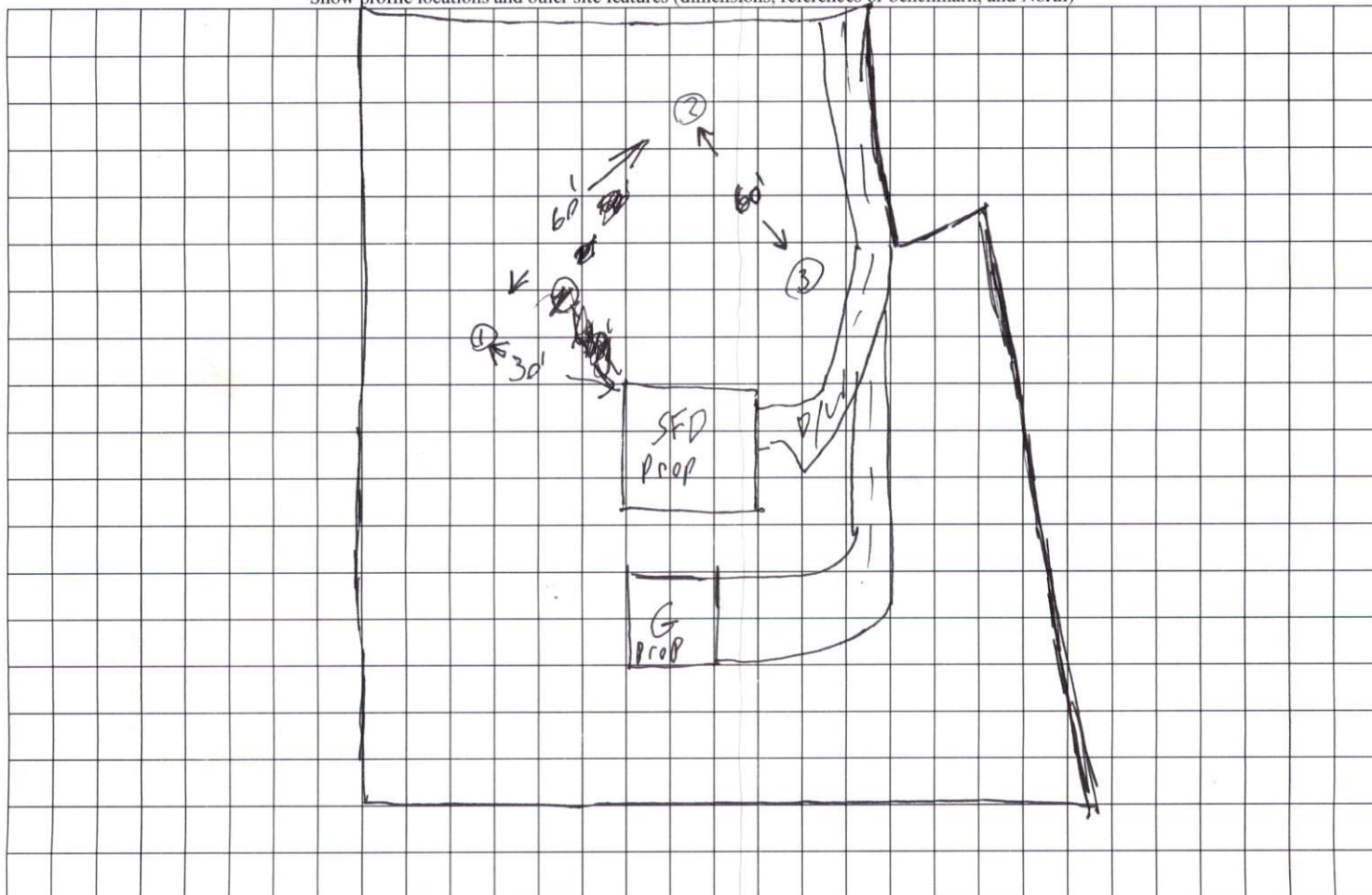
STRUCTURE

- SG-SINGLE GRAIN
- M- MASSIVE
- CR-CRUMB
- GR-GRANULAR
- SBK-SUBANGULAR BLOCKY
- ABK-ANGULAR BLOCKY
- PL-PLATY
- PR-PRISMATIC

MINERALOGY

- SLIGHTLY EXPANSIVE
- EXPANSIVE

Show profile locations and other site features (dimensions, references or benchmark, and North)

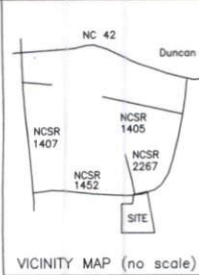


LEGEND

- UMS - CONCRETE MONUMENT SET
- ECM - EXISTING CONCRETE MONUMENT
- EIP - EXISTING IRON PIPE
- EIS - EXISTING IRON STAKE
- ERB - EXISTING REBAR
- ECS - EXISTING COTTON SPIKE
- EPK - EXISTING PK NAIL
- EN - EXISTING NAIL
- ERS - EXISTING RAILROAD SPIKE
- IPS - IRON PIPE SET
- ISS - IRON STAKE SET
- RSS - RAILROAD SPIKE SET
- NS - NAIL SET
- PKS - PK OR MAG. NAIL SET
- R/W - RIGHT OF WAY
- CL - CENTERLINE
- B.M. - BOOK OF MAPS
- P.B. - PLAT BOOK
- M.B. - MAP BOOK
- D.B. - DEED BOOK
- SB - SET BACK
- EP - EDGE PAVEMENT
- NGCS - NORTH CAROLINA GEODETIC SURVEY
- FEMA - FEDERAL EMERGENCY MANAGEMENT AGENCY
- ECS - EXISTING COTTON SPINDLE
- CSS - COTTON SPINDLE SET
- D - DRAINAGE
- G - GAS LINE
- S - SANITARY SEWER
- W - WATER
- E - ELECTRIC
- T - TELEPHONE
- FH - FIRE HYDRANT
- WM - WATER METER
- WV - WATER VALVE
- CO - SEWER CLEANOUT
- TP - TELEPHONE PEDESTAL
- UP - UTILITY POLE
- EL - ELEVATION
- MH - MANHOLE
- BC - BACK OF CURB
- HVAC - HEAT/AC UNIT
- CP - COMPUTED POINT
- BFE - BASE FLOOD ELEVATION

CURVE	RADIUS	LENGTH	DELTA	CHORD	CH.BEARING
C-1	1055.00'	5.00'	0°16'18"	5.00'	S 89°06'37"E
C-2	1055.00'	115.43'	6°16'08"	115.37'	N 87°37'10"E
C-3	1055.00'	111.03'	6°01'48"	110.98'	N 81°28'12"E

COURSE	BEARING	DISTANCE
L-1	S 05°46'24"E	92.92'
L-2	N 71°00'00"E	21.76'



NOTES

AREA BY COORDINATE.
 THIS PROPERTY IS NOT LOCATED IN A FEMA MAPPED FLOOD HAZARD AREA. FEMA MAP # 3720062400J; ZONE X; EFF. DATE 10/3/2006.
 SUBJECT TO ABOVE AND OR UNDERGROUND UTILITIES AND OR EASEMENTS.

HOW - WATERSHED DISTRICT

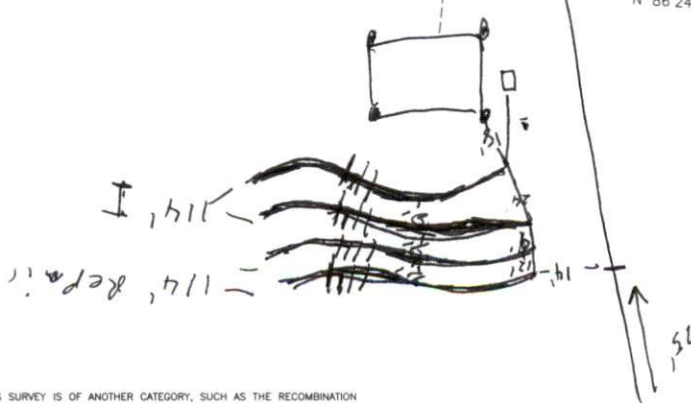
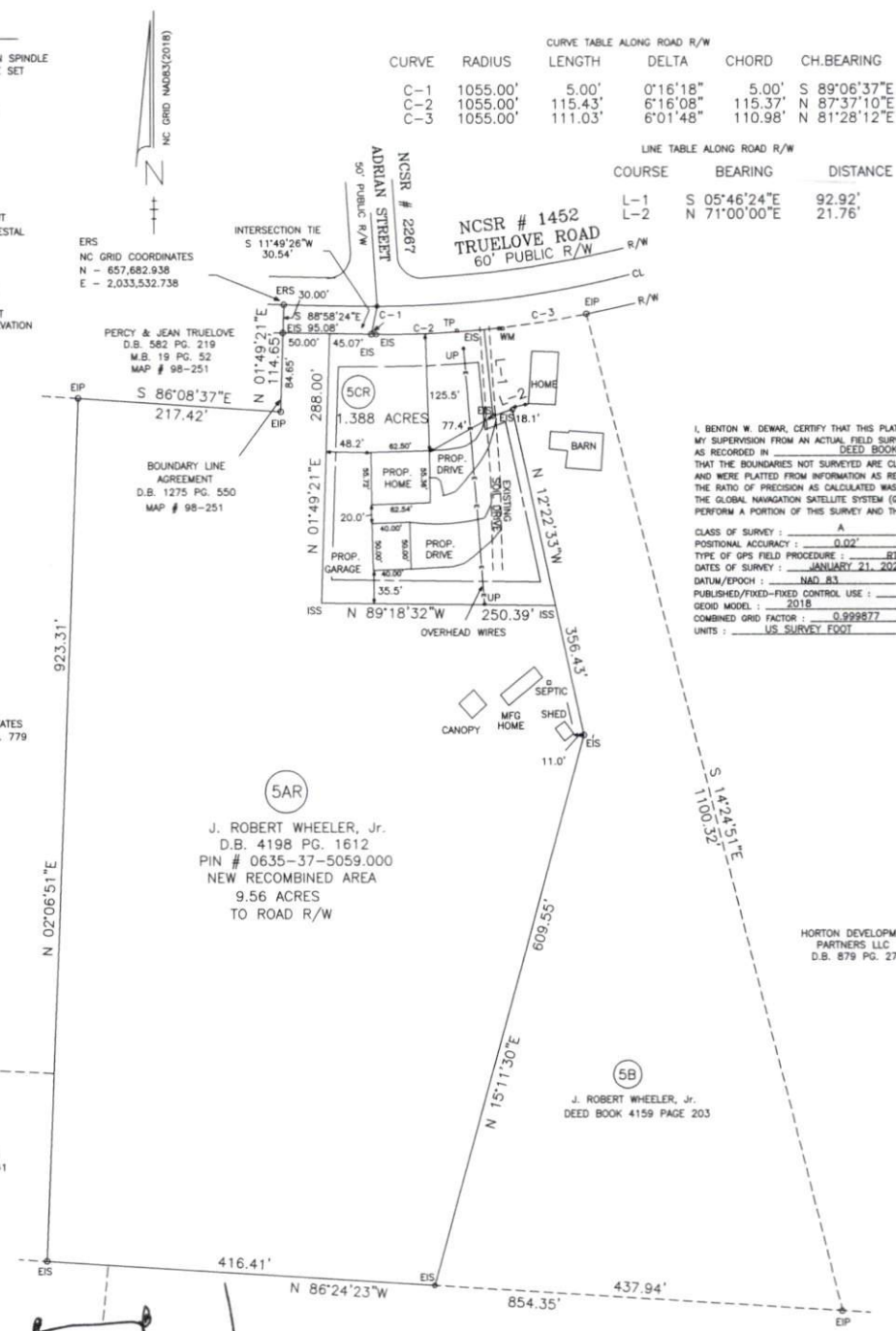
HARNETT COUNTY JURISDICTION
 PROPERTY ZONED - RA 20M
 MINIMUM BUILDING SETBACKS
 FRONT - 35'
 SIDE - 10'
 REAR - 25'
 CORNER SIDE - 20'

HILLCREST ESTATES
 D.B. 2176 PG. 779

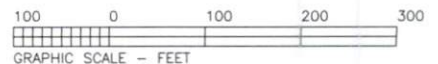
STEVEN WILSON
 D.B. 3090 PG. 681
 MAP # 2002 - 1141

LORETTA & DONALD BAKER
 D.B. 3226 PG. 577
 MAP # 2014-158

I, BENTON W. DEWAR, CERTIFY THAT THIS PLAT WAS PREPARED UNDER MY SUPERVISION FROM AN ACTUAL FIELD SURVEY OF DESCRIPTION(S) AS RECORDED IN DEED BOOK 507 PAGE 277 THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS SHCH AND WERE PLATTED FROM INFORMATION AS REFERENCED HEREIN; THAT THE RATIO OF PRECISION AS CALCULATED WAS 1:15,000 AND THAT THE GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS) WAS USED TO PERFORM A PORTION OF THIS SURVEY AND THE FOLLOWING INFORMATION WAS USED:
 CLASS OF SURVEY: A
 POSITIONAL ACCURACY: 0.02'
 TYPE OF GPS FIELD PROCEDURE: RTK
 DATES OF SURVEY: JANUARY 21, 2022
 DATUM/EPOCH: NAD 83
 PUBLISHED/FIXED-FIXED CONTROL USE: VRS
 GEOID MODEL: 2019
 COMBINED GRID FACTOR: 0.999877
 UNITS: US SURVEY FOOT



PROPOSED PLAN FOR
J. ROBERT WHEELER, Jr.
 565 TRUELOVE ROAD
 HOLLY SPRINGS, NC 27540
 DEED BOOK 4198 PAGE 1612
 MAP # 2023 - 576
 PIN # 0635-37-7530.000
 BUCKHORN TOWNSHIP
 HARNETT COUNTY - NORTH CAROLINA
 SCALE: 1" = 100' - NOVEMBER 7, 2023



BENTON W. DEWAR AND ASSOCIATES
 PROFESSIONAL LAND SURVEYOR
 5920 HONEYCUTT ROAD
 HOLLY SPRINGS, NC 27540
 PH. # (919)-552-9813

THIS SURVEY IS OF ANOTHER CATEGORY, SUCH AS THE RECOMBINATION OF EXISTING PARCELS, A COURT-ORDERED SURVEY, OR OTHER EXEMPTION OR EXCEPTION TO THE DEFINITION OF SUBDIVISION.

Benton W. Dewar
 BENTON W. DEWAR NCPLS - 3040

I, BENTON W. DEWAR, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION DEED BOOK 4198 PAGE 1612 MAP # 2022 PAGE 323 THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS BROKEN LINES DRAWN FROM INFORMATION FOUND IN DEED MAP BOOK 2022 PAGE 323 THAT THE RATIO OF PRECISION OR POSITIONAL ACCURACY AS CALCULATED IS N/A THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 47-30 AS AMENDED, WITNESS MY ORIGINAL SIGNATURE, LICENSE NUMBER AND SEAL THIS 9th DAY OF NOVEMBER, A.D. 2023



BENTON W. DEWAR, NCPLS - 3040