

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

Owner: Applicant: Gabriela Ortiz Saldierna  
 Address: 913 Lane Rd Date Evaluated: 11-27-23  
 Proposed Facility: SFD 40' x 60' Design Flow (.1949): 369 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	2-3%	0-6	SL	Fr, g, NS, NP, SE					
		6-32	SCL	Fr, SBK, SS, NP, SE					
		32-48	C	FI, SBK, SS, NP, SE	mottles > 2% at 32"	48"			.3
2	2-3%	0-9"	SL	Fr, g, NS, NP, SE					
		4-28	SCL	Fr, SBK, SS, NP, SE					
		28-30	organic fill?						
3	2-3%	0-11	SL	Fr, g, NS, NP, SE					
		11-48	SCL	Fr, SBK, SS, NP, SE					.4
		15-44	SCL	Fr, SBK, SS, NP, SE					
4	2-3%	0-15	SL	Fr, g, NS, NP, SE					
		15-44	SCL	Fr, SBK, SS, NP, SE					
		44-48	SCL	Fr, SBK, SS, NP, SE	mottles > 2% at 42"				.35
5	2-3%	0-11	SL	Fr, g, NS, NP, SE					
		11-36	SCL	Fr, SBK, SS, NP, SE					
		36-48	SCL	Fr, SBK, SS, NP, SE	mottles > 2% at 36"				.35

Description	Initial System <input checked="" type="checkbox"/>	Repair System <input checked="" type="checkbox"/>	Other Factors (.1946): Site Classification (.1948): DS Evaluated By: RL Others Present:
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
System Type(s)	25% Red	25% Red	
Site LTAR	.35	.35	

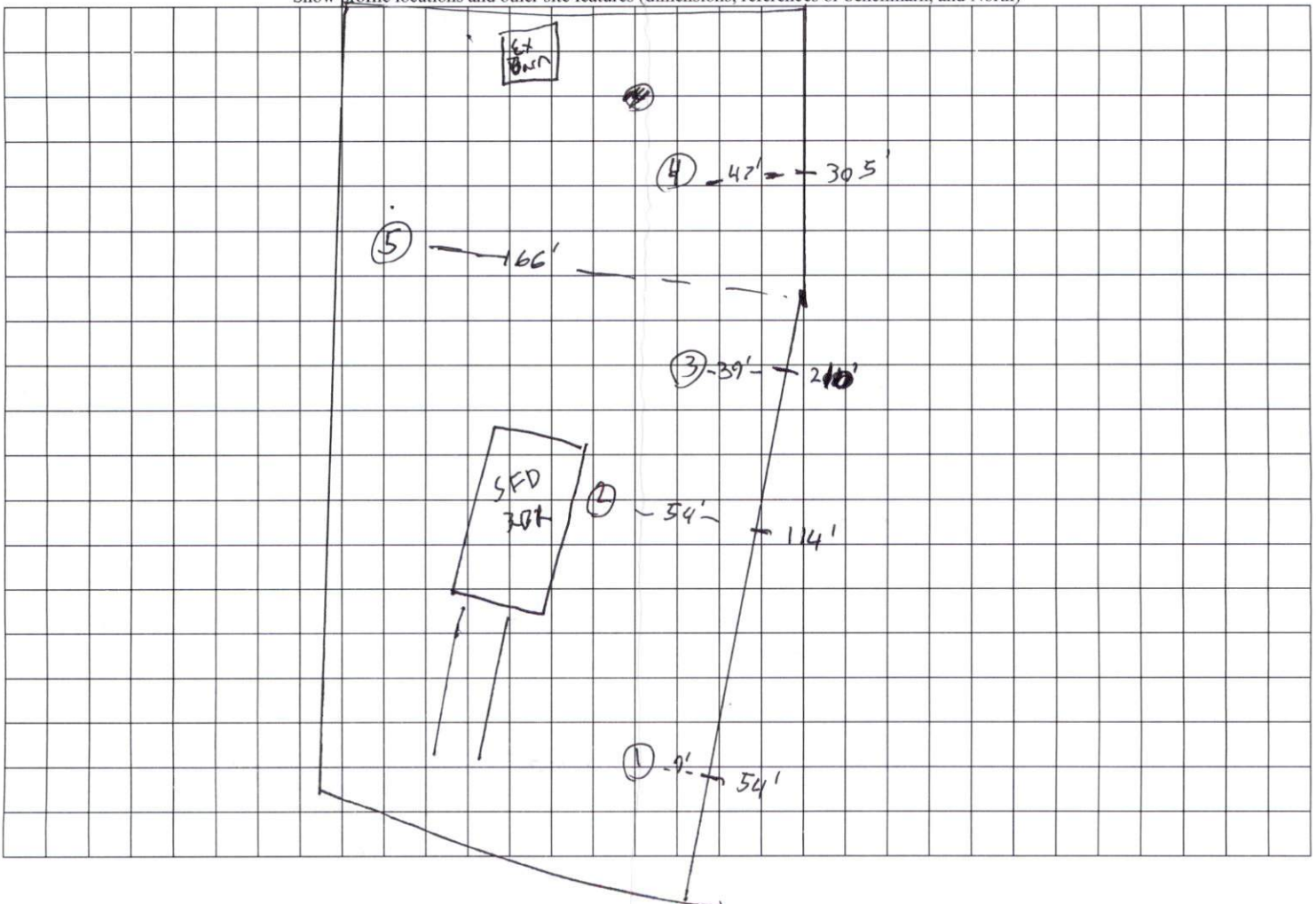
COMMENTS: \_\_\_\_\_

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

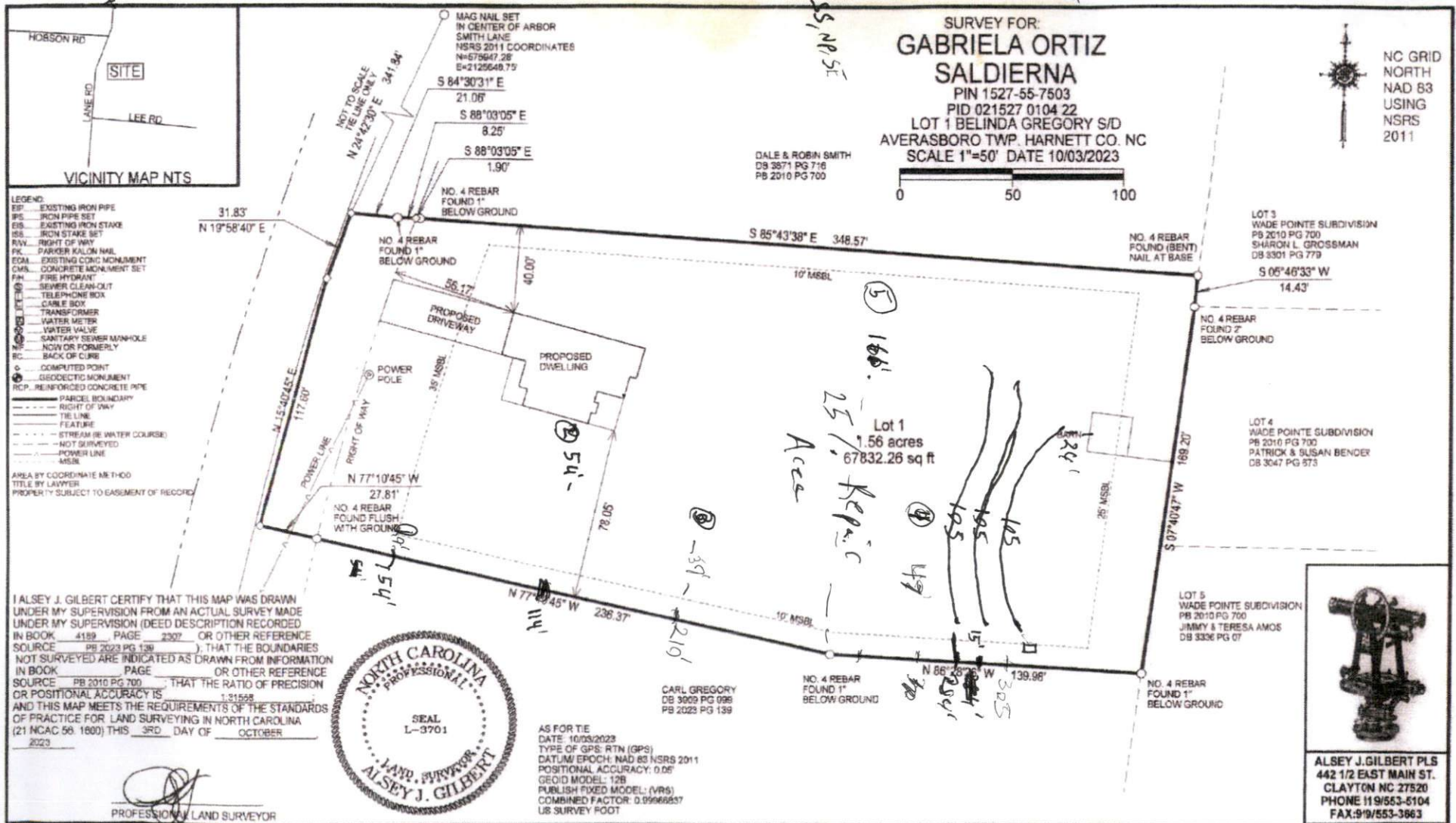
STRUCTURE  
 SG-SINGLE GRAIN  
 M- MASSIVE  
 CR-CRUMB  
 GR-GRANULAR  
 SBK-SUBANGULAR BLOCKY  
 ABK-ANGULAR BLOCKY  
 PL-PLATY  
 PR-PRISMATIC

MINERALOGY  
 SLIGHTLY EXPANSIVE  
 EXPANSIVE

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



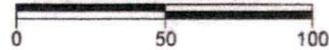
4,0-15 SL  
 15-44 SCL  
 44-48 SCL  
 Mattie's  
 out 49'  
 5,0-11 SL  
 11-36 SCL  
 36-48 SCL, S, NP SE  
 out 36'  
 1,0-6 SL  
 6-36 #5 S, NP SE  
 out 48'  
 2,0-9" SL  
 9-28" SCL  
 28-30 organic  
 30-48  
 out 28"  
 3,0-11 SL  
 11-48 SCL  
 out 55' N, NP SE



SURVEY FOR:  
**GABRIELA ORTIZ SALDIERNA**  
 PIN 1527-55-7503  
 PID 021527 0104 22  
 LOT 1 BELINDA GREGORY S/D  
 AVERASBORO TWP. HARNETT CO. NC  
 SCALE 1"=50' DATE 10/03/2023

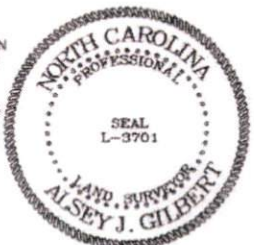
NC GRID  
 NORTH  
 NAD 83  
 USING  
 NSRS  
 2011

DALE & ROBIN SMITH  
 DB 3871 PG 718  
 PB 2010 PG 700



- LEGEND
- EP... EXISTING IRON PIPE
  - IP... IRON PIPE SET
  - ES... EXISTING IRON STAKE
  - IS... IRON STAKE SET
  - RV... RIGHT OF WAY
  - PK... PARKER KALON NAIL
  - EQM... EXISTING CONC MONUMENT
  - CM... CONCRETE MONUMENT SET
  - FM... FIRE HYDRANT
  - SC... SEWER CLEAN-OUT
  - WB... WATER METER
  - CB... CABLE BOX
  - TR... TRANSFORMER
  - WM... WATER METER
  - WV... WATER VALVE
  - SS... SANITARY SEWER MANHOLE
  - NO... NOW OR FORMERLY
  - BC... BACK OF CURB
  - CP... COMPUTED POINT
  - GM... GEODETIC MONUMENT
  - RCP... REINFORCED CONCRETE PIPE
  - PARCEL BOUNDARY
  - - - RIGHT OF WAY
  - TIE LINE
  - FEATURE
  - STREAM OR WATER COURSE
  - NOT SURVEYED
  - POWER LINE
  - MSL
- AREA BY COORDINATE METHOD  
 TITLE BY LAWYER  
 PROPERTY SUBJECT TO EASEMENT OF RECORD

I ALSEY J. GILBERT CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION RECORDED IN BOOK 4189 PAGE 2307 OR OTHER REFERENCE SOURCE PB 2023 PG 139), THAT THE BOUNDARIES NOT SURVEYED ARE INDICATED AS DRAWN FROM INFORMATION IN BOOK PAGE OR OTHER REFERENCE SOURCE PB 2010 PG 700, THAT THE RATIO OF PRECISION IS 1:31558 AND THIS MAP MEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 58.1600) THIS 3RD DAY OF OCTOBER 2023.



AS FOR THE  
 DATE: 10/03/2023  
 TYPE OF GPS: RTN (GPS)  
 DATUM/EPOCH: NAD 83 NSRS 2011  
 POSITIONAL ACCURACY: 0.05'  
 GEOD MODEL: 12B  
 PUBLISH FIXED MODEL: (VRS)  
 COMBINED FACTOR: 0.09966537  
 US SURVEY FOOT

CARL GREGORY  
 DB 3002 PG 098  
 PB 2023 PG 139

LOT 5  
 WADE POINTE SUBDIVISION  
 PB 2010 PG 700  
 JIMMY & TERESA AMOS  
 DB 3336 PG 07



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