

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

Owner:                      Applicant: *W. Fed*  
 Address:                      Date Evaluated:  
 Proposed Facility: *SPP*                      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	<i>L5%</i>	<i>0-30</i>	<i>SL</i>	<i>FL GRNDSP</i>					
		<i>30-48</i>	<i>SL clay</i>	<i>FL GRNDSP</i>	<i>46-48 7.5/2</i>				<i>-5</i>
2	<i>L3%</i>	<i>0-24</i>	<i>SL clay</i>	<i>FL GRNDSP</i>					
		<i>24-44</i>	<i>SL</i>	<i>FL GRNDSP</i>	<i>42" 7.5/2</i>				<i>-4</i>
3	<i>5%</i>	<i>0-18</i>	<i>SL clay</i>	<i>FL GRNDSP</i>					
		<i>18-36</i>	<i>SC clay</i>	<i>FL GRNDSP</i>	<i>30-32" 7.5/2</i>				<i>.3</i>
4	<i>L5%</i>	<i>0-10</i>	<i>SL</i>	<i>FL GRNDSP</i>					<i>.9</i>
		<i>10-30</i>	<i>SE clay</i>	<i>FL GRNDSP</i>	<i>24" 7.5/2</i>				<i>.25-</i>
5	<i>L3%</i>	<i>0-8</i>	<i>SL clay</i>	<i>FL GRNDSP</i>					
		<i>8-24</i>	<i>SC clay</i>	<i>FL GRNDSP</i>	<i>18" 7.5/2</i>				<i>-2</i>
6+7	<i>L5%</i>	<i>0-18</i>	<i>SL</i>	<i>FL GRNDSP</i>					
		<i>18-36</i>	<i>SC clay</i>	<i>FL GRNDSP</i>	<i>30-32" 7.5/2</i>				<i>.3</i>

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): Evaluated By: <i>[Signature]</i> Others Present:
Available Space (.1945)			
System Type(s)	<i>253</i>	<i>252</i>	
Site LTAR	<i>.3</i>	<i>.2</i>	

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

<u>LANDSCAPE POSITIONS</u>	<u>GROUP</u>	<u>TEXTURES</u>	<u>.1955 LTAR</u>	<u>CONSISTENCE MOIST</u>	<u>WET</u>
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE FR-FRIABLE FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM	NS-NON-STICKY SS-SLIGHTY STICKY S-STICKY VS-VERY STICKY NP-NON-PLASTIC SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6		
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT	0.6 - 0.3		
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)

A large grid for site profile locations and features. The grid is approximately 20 columns wide and 25 rows high. It is intended for drawing profile locations, dimensions, references, benchmarks, and North directions.



VICINITY MAP

I, Danny O. Williams, certify that this map was drawn under my supervision and that the boundaries not surveyed are indicated as drawn from information in Map Number 2008, Pages 193-200 that the relative accuracy for positional accuracy is 100/000 and that this map meets the requirements of the Standards of Practice for Land Surveying, North Carolina, 2008, 36.1600.

This 12TH day of MARCH, 2013.

Deel

*Danny O. Williams*

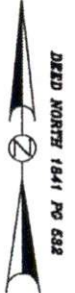
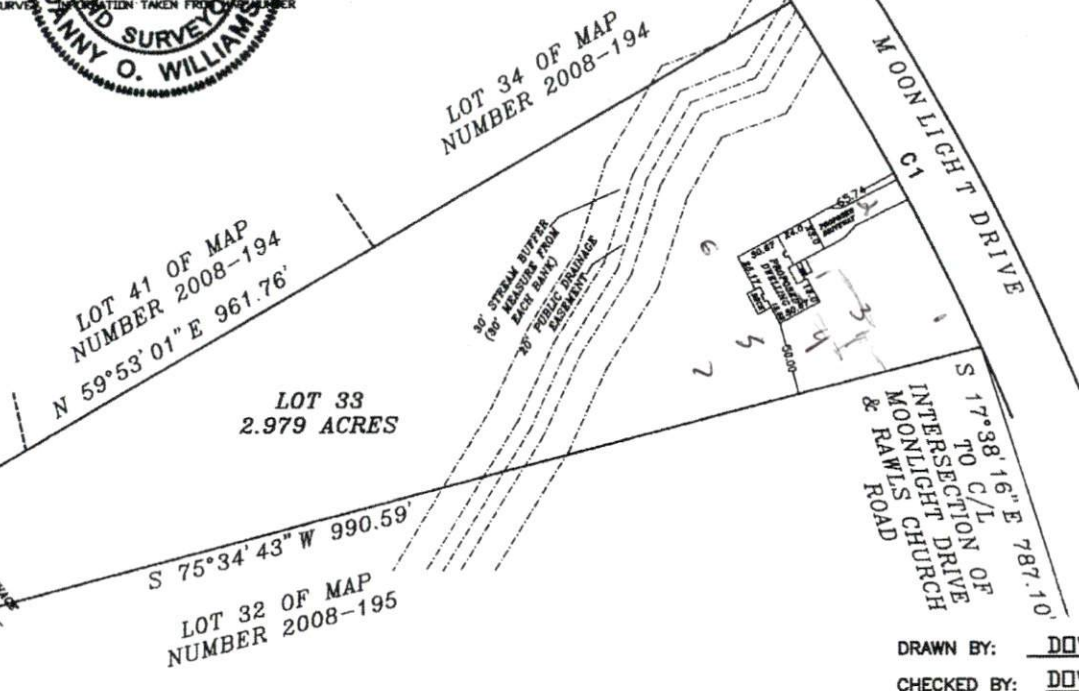


NOTE: NOT AN ACTUAL FIELD SURVEY. INFORMATION TAKEN FROM MAP NUMBER 2008 PGS 193-200.

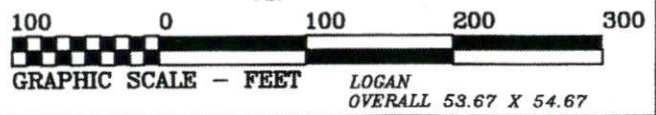
Curve	Radius	Length	Chord	Chord Bear.
C1	1775.00'	268.35'	268.09'	S 28°23'00" E

PRELIMINARY PLAT- NOT FOR RECORDATION, CONVEYANCES, OR SALES.  
NOTE: THIS PROPERTY IS SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.

NOTE: BEING LOT 33 OF STETSON SUBDIVISION, RECORDED IN MAP NUMBER 2008 PGS. 193-200.  
NOTE: AREA COMPUTED BY COORDINATE METHOD.  
NOTE: NO NCGS CONTROL MONUMENT WITHIN 2000'.  
NOTE: LOTS TO BE SERVED BY HARNETT COUNTY WATER AND INDIVIDUAL SEPTIC SYSTEMS.  
IMPERVIOUS SURFACE COVERAGE  
2195 SQ.FT. - HOUSE & GARAGE  
55 SQ.FT. - WALK & STEPS  
1141 SQ.FT. - DRIVEWAY  
3391 TOTAL SQ.FT. - PROPOSED COVERAGE  
56187 SQ.FT. - ALLOWABLE COVERAGE  
52796 SQ.FT. - AVAILABLE COVERAGE



DRAWN BY: DOW & BGW  
CHECKED BY: DOW  
DATE: 03-12-2013  
SCALE: 1" = 100'  
JOB: STETSON CF  
FB:



**WILLIAMS - PEARCE and ASSOC.,**  
**PROFESSIONAL LAND SURVEYORS, P.A.**  
1000 N. ARENDELL AVE.  
P.O. BOX 892, ZEBULON, N.C. 27597  
PHONE: 919-269-9605 LIC. # C-0243

**PLOT PLAN FOR  
COMFORT HOMES  
BLACK RIVER TOWNSHIP  
HARNETT COUNTY  
NORTH CAROLINA**