

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

Owner: Applicant: Comfort Homes Inc
 Address: Lot 40 Oxford Woods Date Evaluated: 05/04/11
 Proposed Facility: BBR SPD Design Flow (.1949): 360 GPA Property Size: 1.47 AC
 Location of Site: Property Recorded: MS
 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	L 2%	0-28	GR S ₄ /S	FR SSSR 9sp					PS
		28-40	BK SLL	FI S P 5sp	7.5 YR 7/1 @ 36"	40+			0.4
2	L 2%	0-30	GR S ₄ /S	FR SSSR 9sp					PS
		30-46	BK SLL	FI S P 5sp	7.5 YR 7/1 @ 38"	40+			0.4
3	L 2%	0-26	GR S ₄ /S	FR SSSR 9sp					PS
		26-38	BK SLL	FI S P 5sp	7.5 YR 7/1 @ 36"	38+			0.4
4	L 2%	0-24	GR S ₄ /S	FR SSSR 9sp	[physical waste]				PS
		24-32	BK SLL	FI S P 5sp	7.5 YR 7/1 @ 28"	32+			0.4

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <u>PS</u> Evaluated By: <u>Andrew Curran, PEHFS</u> Others Present:
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
System Type(s)	<u>25% MS</u>	<u>25% MS</u>	
Site LTAR	<u>0.4</u>	<u>0.4</u>	

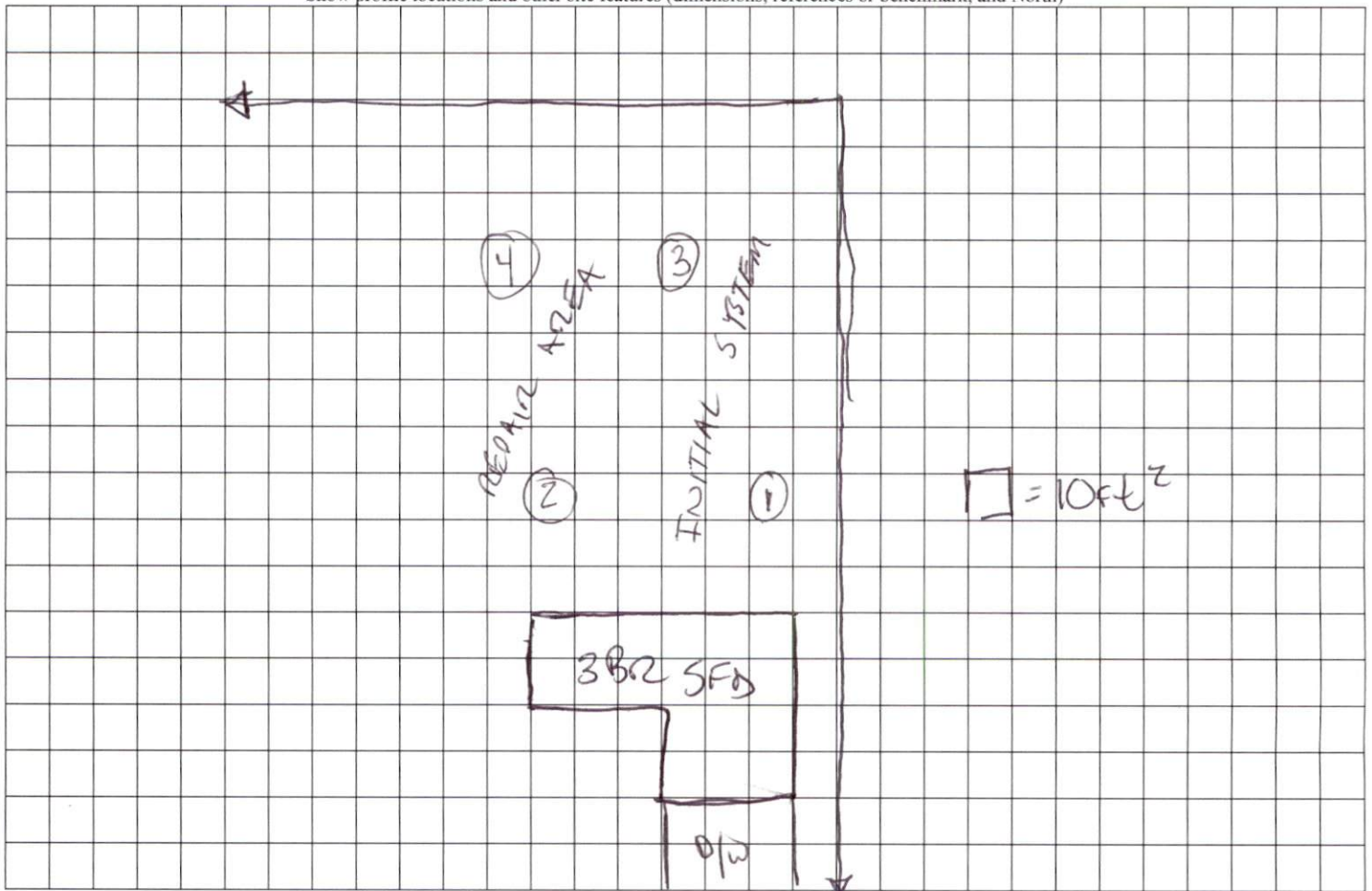
COMMENTS: _____

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				FI-FIRM	S-STICKY
FS-FOOT SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	VFI-VERY FIRM	VS-VERY STICKY
N-NOSE SLOPE		L-LOAM		EFI-EXTREMELY FIRM	NP-NON-PLASTIC
H-HEAD SLOPE	III	SI-SILT	0.6 - 0.3		SP-SLIGHTLY STICKY
CC-CONCLAVE SLOPE		SIL-SILT LOAM			P-PLASTIC
CV-CONVEX SLOPE		CL-CLAY LOAM			VP-VERY PLASTIC
T-TERRACE		SCL-SANDY CLAY LOAM			
FP-FLOOD PLAN	IV	SIC-SILTY CLAY	0.4 - 0.1		
		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)



IMPERVIOUS SURFACE COVERAGE
 2192 SQ.FT. - HOUSE & GARAGE
 177 SQ.FT. - WALK & STEPS
 1658 SQ.FT. - DRIVEWAY
 4033 TOTAL SQ.FT. - PROPOSED COVERAGE
 PERCENTAGE OF LOT COVERED - 6.3%

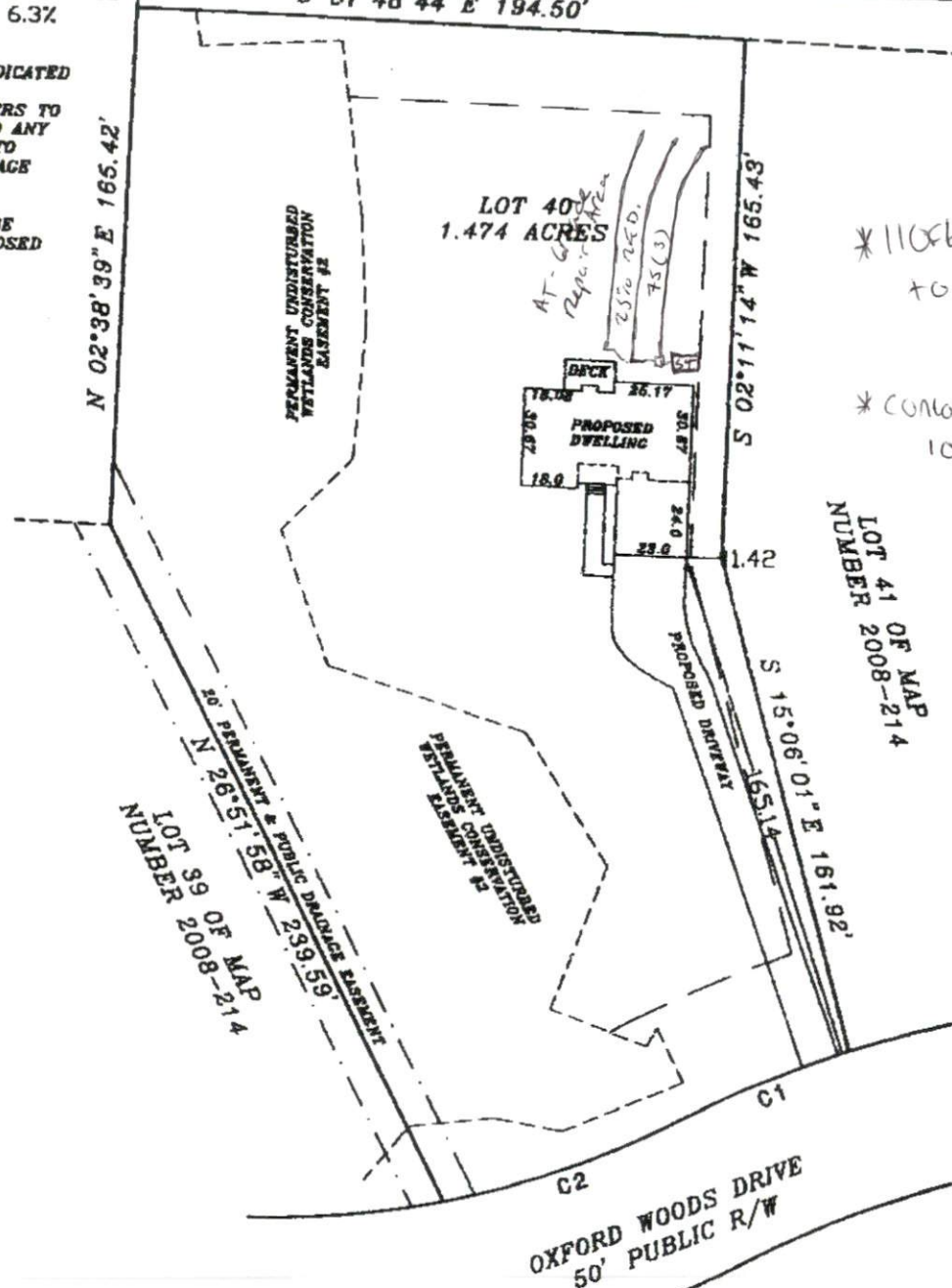
WILLIAM PUGLIE DB 1772 PG 401

Curve	Radius	Length	Chord	Chord Bear.
C1	335.00'	59.12'	59.05'	S 67°12'33" W
C2	285.00'	80.13'	79.87'	S 70°12'27" W

NOTES:
 ALL DRAINAGE EASEMENTS SHALL BE DEDICATED AS PUBLIC AND IT SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNERS TO MAINTAIN THE DRAINAGE EASEMENTS AND ANY DRAINAGE STRUCTURES THEREIN SO AS TO MAINTAIN THE INTEGRITY OF THIS DRAINAGE SYSTEM AND INSURE POSITIVE DRAINAGE.

A 15' CONSTRUCTION EASEMENT SHALL BE RESERVED ON BOTH SIDES OF ALL PROPOSED STREETS.

SUBMISSION,
 # 215.
 E METHOD.
 VIOUSLY TIED TO GRID.
 RD.
 ION,



* 110ft from SFD to Property Line [NOT 54ft]
 * Contour curves Approx. 10ft



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

Drawn under my supervision; that the data from information in Map is correct and positional accuracy is in accordance with the Standards of Practice for Professional Surveyors.

WILLIAMS ASSOC., P.A.
 Surveyors
 347
 120 180

N.C. 27597
 LIC. # C-0243

120 180

LOGAN
 LL 63.67 X 54.67
 PLAN LOT 41.DWG

DRAWN BY: DOW & BGW
 CHECKED BY: DOW
 DATE: 03-16-2017
 SCALE: 1" = 60'
 JOB: BGW2595 CF