

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

Owner: — Applicant: Comfort Homes Inc.
 Address: Gxford Woods Lot 30 Date Evaluated: 07/27/17
 Proposed Facility: 302 SFD Design Flow (.1949): 300 GPD Property Size: 1.4 AC
 Location of Site: Property Recorded: Yes
 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 3%	0-20	GR SL	VFA SH SP					PS
		20-36	OK SLL	Fa S SP	7.5% @ 34"	3G+			0.4
2	L 3%	0-18	GR SL	VFA SH SP					U/PS
		18-26	OK SLL	Fa S SP	7.5% @ 24"	2G+			0.4
3	L 3%	0-10	GR SL	Fa S SP					U
		10-16	OK SLL	VFA SP	7.5% @ 14"	1G+			-
		0-22	G SL	VFA NS/MP					
		22-46	OK CL	Fa SS/SP					PS -4
		0-19	G SL	VFA NS/MP					
		19-40	OK CL	Fa SS/SP	10% @ 38"				PS -4
		0-30	C SL	VFA NS/MP					
		30-40	SBK CL	Fa SS/MP					PS.5
		0-19	C SL	VFA NS/MP					
		19-38	SBK CL	Fa SS/SP					PS.4

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <u>PS</u> Evaluated By: <u>OT</u> Others Present:
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
System Type(s)	<u>2 1/2 (RWD)</u>		
Site LTAR	<u>4</u>	<u>A</u>	

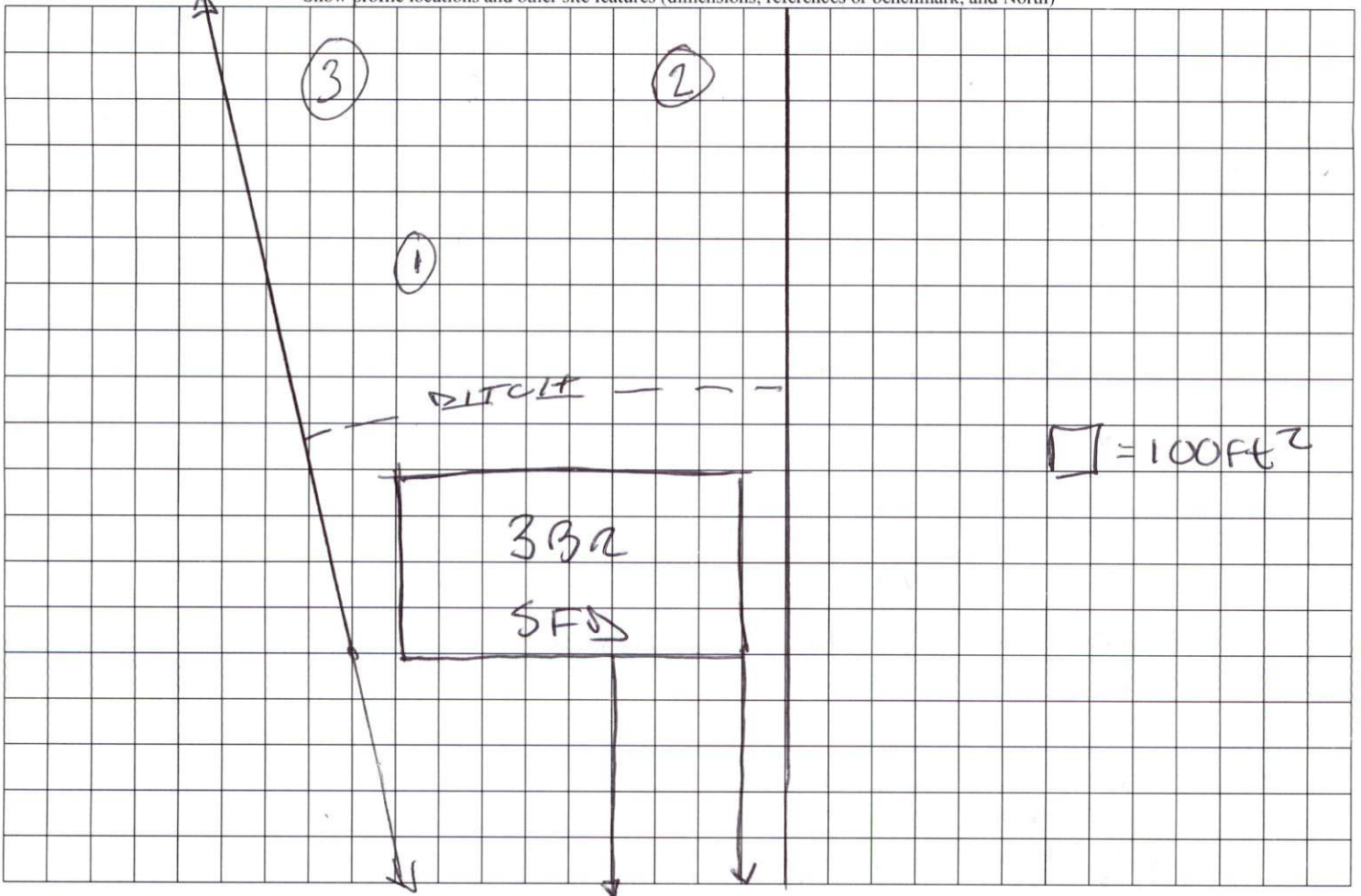
COMMENTS: _____

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	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		SCL-SANDY CLAY LOAM			VP-VERY PLASTIC
T-TERRACE	IV	SIC-SILTY CLAY	0.4 - 0.1		
FP-FLOOD PLAN		C-CLAY			
		SC-SANDY CLAY			

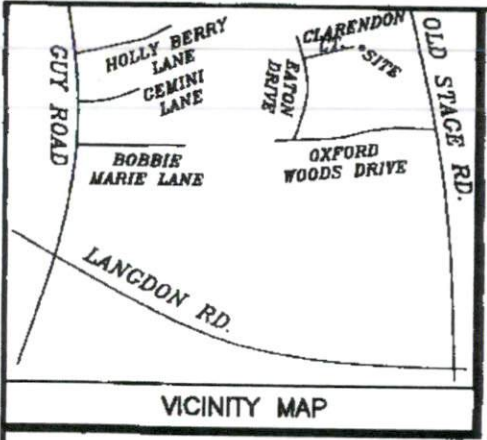
STRUCTURE
 SG-SINGLE GRAIN
 M- MASSIVE
 CR-CRUMB
 GR-GRANULAR
 SBK-SUBANGULAR BLOCKY
 ABK-ANGULAR BLOCKY
 PL-PLATY
 PR-PRISMATIC

MINERALOGY
 SLIGHTLY EXPANSIVE
 EXPANSIVE

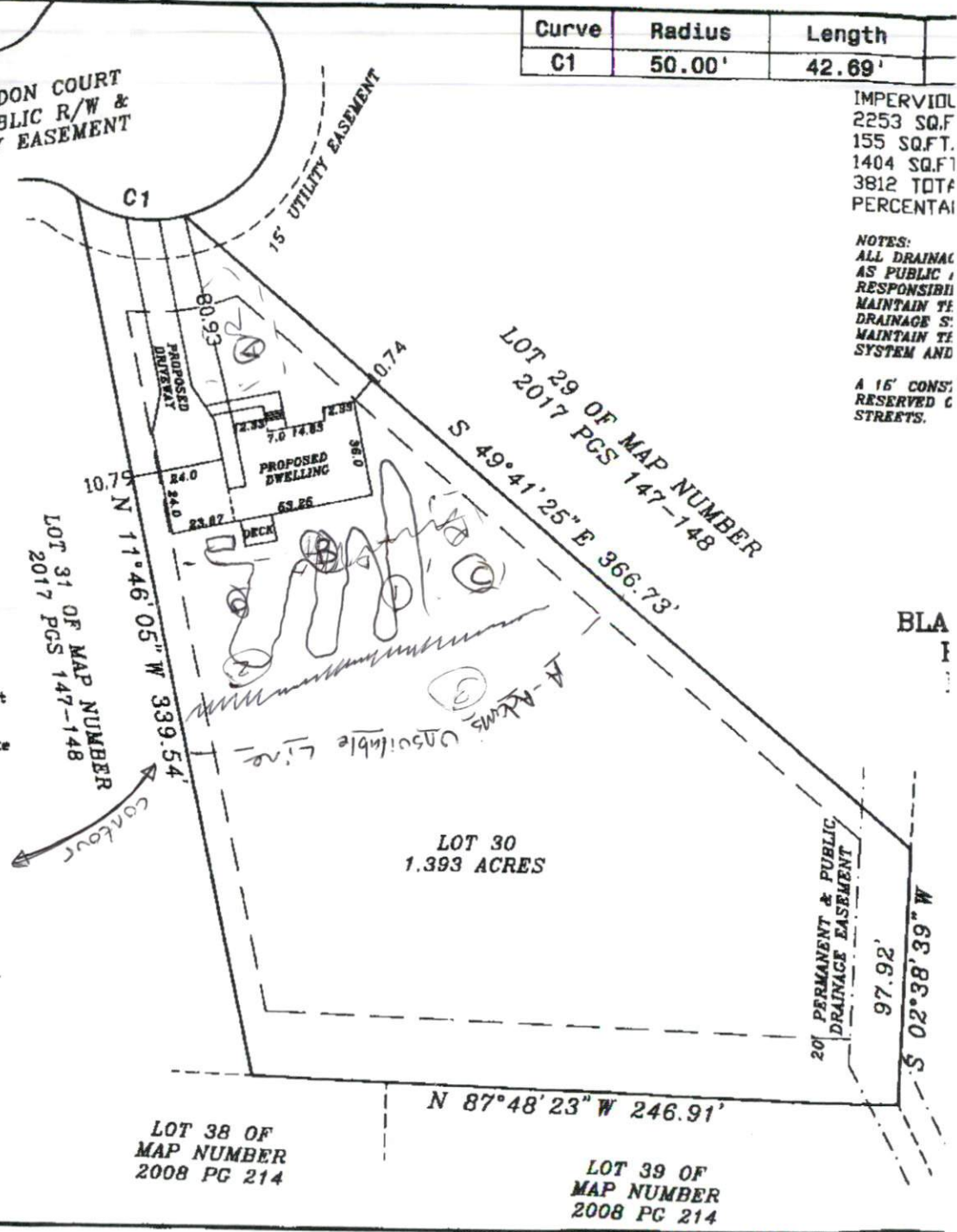
Show profile locations and other site features (dimensions, references or benchmark, and North)



Curve	Radius	Length
C1	50.00'	42.69'



CLARENDON COURT
50' PUBLIC R/W &
UTILITY EASEMENT



IMPERVIOUS
2253 SQ.F
155 SQ.F.
1404 SQ.F.
3812 TOTAL
PERCENTAGE

NOTES:
ALL DRAINAGE
AS PUBLIC
RESPONSIBILITY
MAINTAIN THE
DRAINAGE SYSTEM
MAINTAIN THE
SYSTEM AND

A 15' CONSERVED
RESERVED C
STREETS.

- NOTE: BEING 30 OF OXFORD WOODS SUBDIVISION, RECORDED IN MAP NUMBER 2017 PAGE 147-148.
- NOTE: AREA COMPUTED BY COORDINATE METHOD.
- NOTE: RECORDED MAP HAS BEEN PREVIOUSLY TIED TO GRID.
- NOTE: THIS PROPERTY IS SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.
- PRELIMINARY PLAT- NOT FOR RECORDATION, CONVEYANCES, OR SALES.

I, Danny D. Williams, certify that this map was drawn under my supervision; that the boundaries not surveyed are indicated by a dashed line; that the information in Map Number 2017 Pgs. 147-148 that the map was prepared with a positional accuracy is 1/10"=1000'; and that this map meets the requirements of the standards of Practice for Land Surveying in North Carolina, 2017, N.C. 86C-02.

This 23rd day of JUNE, 2017.

Seal



NOTE: NOT AN ACTUAL FIELD SURVEY. INFORMATION TAKEN FROM MAP NUMBER 2017 PGS 147-148.

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PLAN "ELAINE"
OVERALL 77.17 X 38.0

LOT 38 OF
MAP NUMBER
2008 PG 214

LOT 39 OF
MAP NUMBER
2008 PG 214

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