

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

Owner: *Edward Furlington*  
 Applicant: *Comfort Homes Plus*  
 Address: *Lot 12 (SH Cross Link)* Date Evaluated: *02/24/17*  
 Proposed Facility: *SAR SCD* Design Flow (.1949): *360 gal/d*  
 Location of Site: *Cross Link Pline* Property Recorded: *PS*  
 Water Supply:  Public  Individual  Well  
 Evaluation Method:  Auger Boring  Pit  Cut  
 Type of Wastewater:  Sewage  Industrial Process

Property Size: *0.58 AC*  
 Spring  Other  
 Mixed

P R O F I L E #	.1940 Landscape Position/ Slope %	Horizon Depth (In.)	SOIL MORPHOLOGY		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941		.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
			.1941 Structure/ Texture	.1941 Consistence Mineralogy					
1	L 3/16	0-12	GR SL	FR 55R 3/4					
		12-44	BK C	FI 5 P SEP					PS
		44+	SAR	SAR		44	PS		0.35
2	L 3/16	0-10	GR SL	FR 55R 1/2					
		10-40	BK C	FI 5 P SEP					PS
		40+	SAR	SAR		40	PS		0.35
3	L 3/16	0-16	GR SL	FR 55R 1/2					
		16-48	BK C	FI 5 P SEP					PS
						48			0.35

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Site Classification (.1948): <i>Provisionally Suitable</i>
System Type(s)	<i>2.5% Red</i>	<i>7.5% Red</i>	Evaluated By: <i>Andrew Curran, REHS</i>
Site LTAR	<i>0.33</i>	<i>0.35</i>	Others Present: <i>Oliver Tolbert, REHS</i>

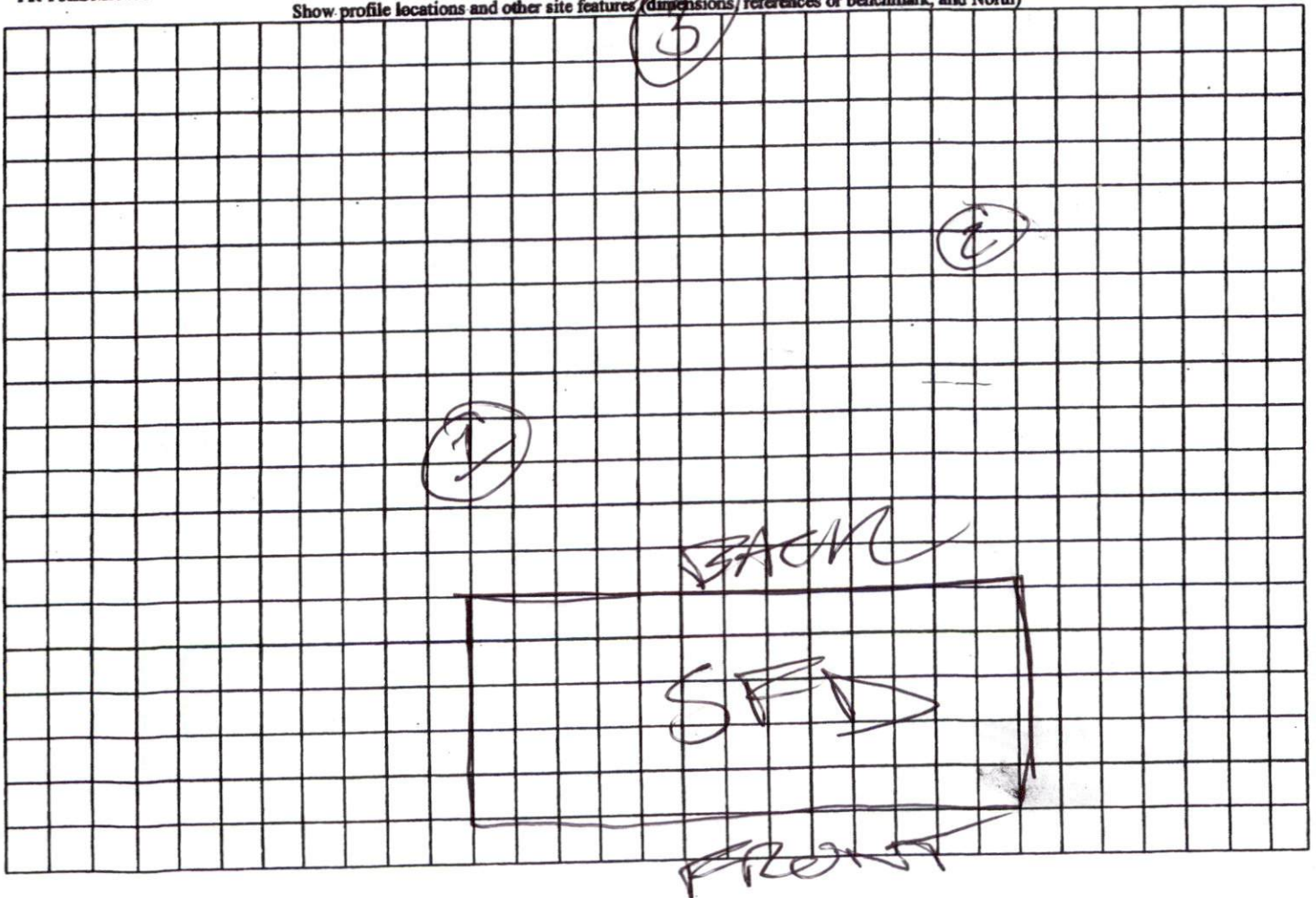
COMMENTS: \_\_\_\_\_

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				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			

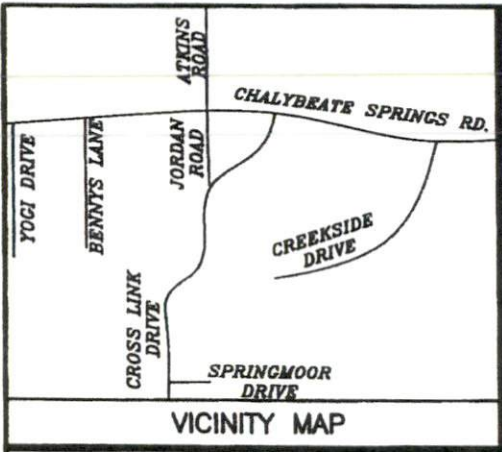
**STRUCTURE**  
 SG-SINGLE GRAIN  
 M-MASSIVE  
 CR-CRUMB  
 GR-GRANULAR  
 SBK-SUBANGULAR BLOCKY  
 ABK-ANGULAR BLOCKY  
 PL-PLATY  
 PR-PRISMATIC

**MINERALOGY**  
 SLIGHTLY EXPANSIVE  
 EXPANSIVE

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



PI  
CO  
BLACK  
HA  
NC



IMPERVIOUS SURFACE COVERAGE  
 2385 SQ.FT. - HOUSE & GARAGE  
 132 SQ.FT. - WALK & STEPS  
 871 SQ.FT. - DRIVEWAY  
 3388 TOTAL SQ.FT. - PROPOSED COVERAGE  
 PERCENTAGE OF LOT COVERED - 13.5%



NOTE: BEING LOT 12 OF CROSS LINK PLACE AS RECORDED IN PLAT CABINET F SLIDES 449A-449C.

NOTE: AREA COMPUTED BY COORDINATE METHOD.

NOTE: NO NCGS MONUMENT WITHIN 2000'.

NOTE: THIS PROPERTY IS SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.

NOTE: A 15' CONSTRUCTION EASEMENT IS RESERVED ON BOTH SIDES OF ALL PROPOSED STREETS.

PRELIMINARY PLAT- NOT FOR RECORDATION, CONVEYANCES, OR SALES.

"I, CLYDE T. PEARCE, certify that this map was drawn under my supervision and that the boundaries not surveyed are indicated as drawn from information from Plat Cabinet F Slide 449A-499C that the ratio of precision or positional accuracy is 1:10'000; and that this map meets the requirements of The Standards of Practice for Land Surveying in North Carolina (21 NCAC 56.1600)."

This 28TH day of SEPTEMBER, 2016.

Seal

Professional Land Surveyor  
L-2481



NOTE: NOT AN ACTUAL FIELD SURVEY. INFORMATION TAKEN FROM PLAT CABINET F SLIDE 499A-499C.

**WILLIAMS - PEARCE and ASSOC.,  
 PROFESSIONAL LAND SURVEYORS, P.A.**



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