

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

Owner: ^{Cross Link} RALES Applicant: Comfort Homes, Inc.
 Address: 449 Cross Link Dr. Date Evaluated: 02/14/17
 Proposed Facility: 3 BR SFD Design Flow (.1949): 360 gpd/day Property Size: 0.76 Ac.
 Location of Site: Cross Link Phase 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 8%	0-6	GR SL	FR SSSR Slep					
		6-14	BK SCL	FR SSSR Slep					PS
		14-48	BK C	FI S P Slep		48		-	0.35
2,3	L 8%	0-6	GR SL	FR SSSR Slep					
		6-12	BK SCL	FR SSSR Slep					PS
		12-48	BK C	FI S P Slep	7.5" R 7, @ 42"	48		42	0.35
4	L 8%	0-4	GR SL	FR SSSR Slep					
		4-10	GR SCL	FR S P Slep					PS
		10-36	BK C	FI S P Slep	7.5" R 7, @ 26"	36+		26	0.35
5	L 5%	0-12	GR SL	FR SSSR Slep					PS
		12-42	BK C	FI S P Slep	7.5" R 7, @ 38"	42+		38	0.35

Description	Initial System <input checked="" type="checkbox"/>	Repair System <input checked="" type="checkbox"/>	Other Factors (.1946):
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Site Classification (.1948): Provisionally Suitable
System Type(s)	25% Rel.	25% Rel.	Evaluated By: Andrew Corrin, REHS
Site LTAR	0.35	0.35	Others Present: James Mantel, REHS

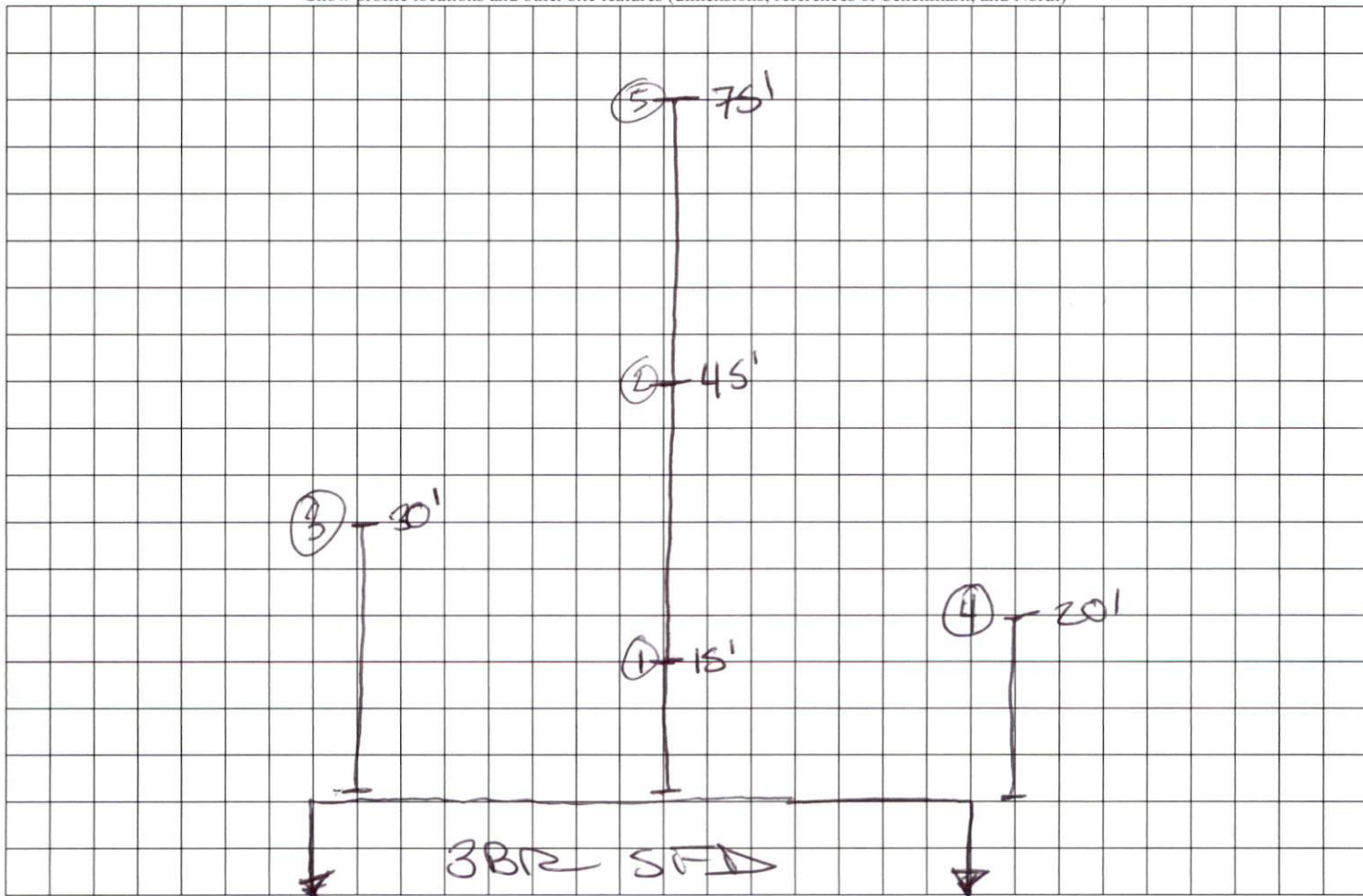
COMMENTS: _____

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-SLIGHTY 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			

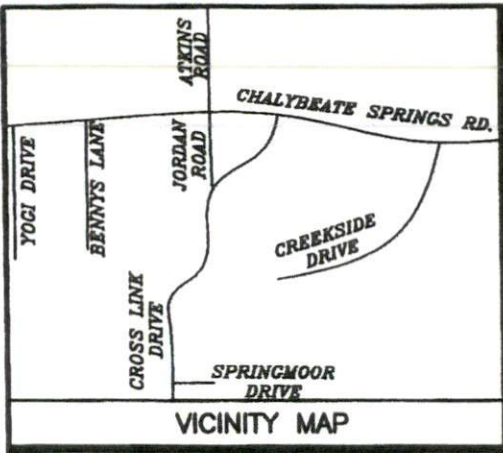
STRUCTURE
 SG-SINGLE GRAIN
 M- MASSIVE
 CR-CRUMB
 GR-GRANULAR
 SBK-SUBANGULAR BLOCKY
 ABK-ANGULAR BLOCKY
 PL-PLATY
 PR-PRISMATIC

MINERALOGY
 SLIGHTLY EXPANSIVE
 EXPANSIVE

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



PI
CO
BLACK
HA.
NC



IMPERVIOUS SURFACE COVERAGE
 2220 SQ.FT. - HOUSE & GARAGE
 76 SQ.FT. - WALK & STEPS
 721 SQ.FT. - DRIVEWAY
 3017 TOTAL SQ.FT. - PROPOSED COVERAGE
 PERCENTAGE OF LOT COVERED - 9.2%



NOTE: BEING LOT 48 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'.

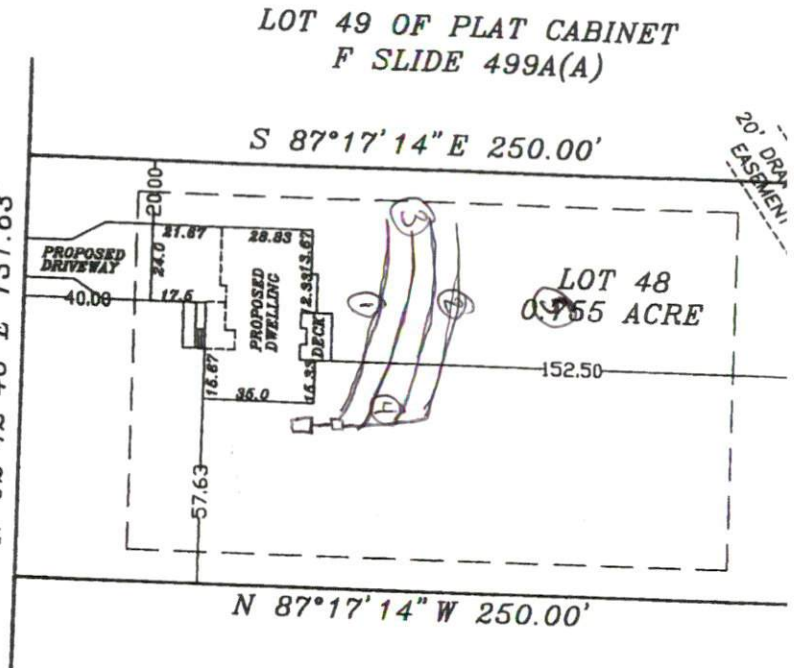
NOTE: THIS PROPERTY IS SUBJECT TO EASEMENTS AND RESTRICTIONS OF RECORD.

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

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

CROSS LINK DRIVE
 50' PUBLIC R/W

N 02°42'46" E 131.63'



LOT 47 OF PLAT CABINET
 F SLIDE 499A(A)

"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 in Plat Cabinet F Slide 449A-499C that the ratio of precision or positional accuracy is 1:110,000; and that this map meets the requirements of The Standards and Practices for Land Surveying in North Carolina (21 NCAC 56.1600)."

This 28TH day of SEPTEMBER, 2016.

Seal

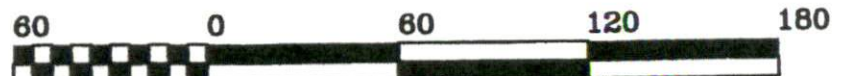
Clyde T. Pearce
 Professional Land Surveyor
 L-2481



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

**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



GRAPHIC SCALE - FEET ABIE (OVERALL 54.0 X 52.5)
 S:\NEWMAPS\C\CROSS LINE PLACE\LOT PLAN LOT 48.DWG