

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

Owner: Applicant: Gay Robinson Homes
 Address: Johnston Farms Lot 6 Date Evaluated: 12/01/17; 01/30/18 (A)
 Proposed Facility: Lot 6 Design Flow (.1949): 480 GPD Property Size: 0.673
 Location of Site: 432 SRD 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	L 3%	0-24	GR SL	VFL SHH Kp					
		24-34	BK SCL	FR SP Kp					PS
		34+	Parent mat.	-		34			0.35
2	L 3%	0-24	GR SL	VFL SHH Kp					PS
		24-48	BK SCL	FR SL Kp		48			0.35
3	L 3%	0-18	GR SL	VFL SHH Kp					1
		18-36	BK SCL	FR SP Kp					PS
		36+	Parent mat.	-		36			0.35
4	L 3%	0-18	GR SL	VFL SHH Kp					PS
		18-42	ML SCL	FR SP Kp					PS
		42+	Parent mat.	-		42			0.35
5	L 3%	0-18	GR SL	VFL SHH Kp					PS
		18-30	BK SCL	FR SP Kp	7.5% LF @ 20"	30			0.35
A	L 3%	0-16	GR SL	VFL SHH Kp					PS
		16-36	BK SCL	FR SP Kp					0.4
		36+	Parent mat.	-		36			

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <u>provisionally suitable</u> Evaluated By: <u>Andrew Corrin, DEHS</u> Others Present:
Available Space (.1945)	<u>25% Rd</u>	<u>25% Rd</u>	
System Type(s)	<u>25% Rd</u>	<u>25% Rd</u>	
Site LTAR	<u>0.4</u>	<u>0.35</u>	

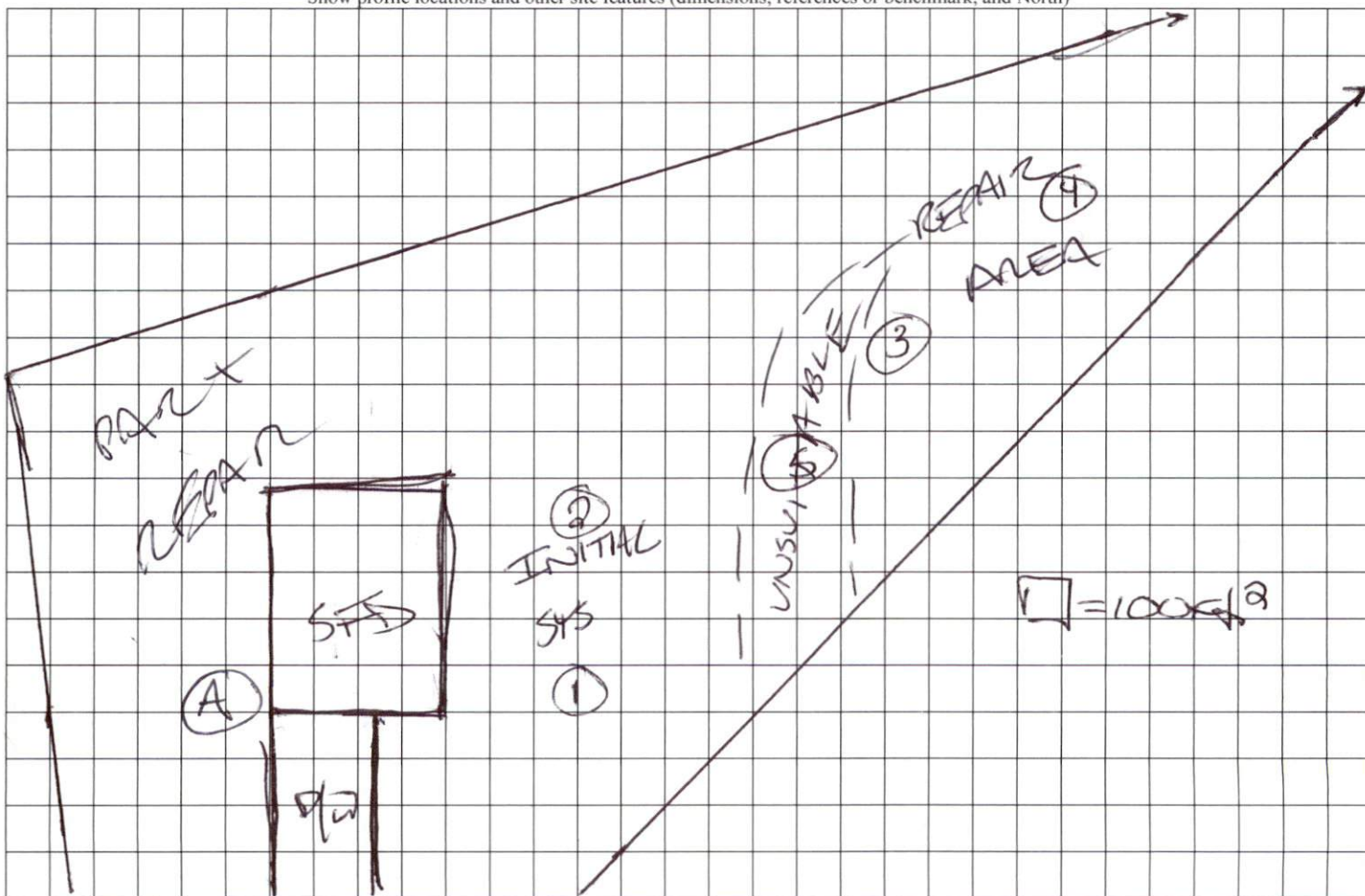
COMMENTS: _____

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-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				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)



*Location Relocated For SFD In Revision



VICINITY MAP (NTS)

LEGEND

- AC=AIR CONDITIONING UNIT
- BOC=BACK OF CURB
- DW=CONC DRIVEWAY
- EB=ELECTRIC BOX
- EOP=EDGE OF PAVEMENT
- P=PATIO
- PO=PORCH
- SCO=CLEANDUT
- SW=SIDEWALK
- TP=TELEPHONE PEDESTAL
- WM=WATER METER

- IRON PIPE FOUND
- IRON PIPE SET
- NAIL SET

IMPERVIOUS AREA

HOUSE	1,879 SQ.FT.
DRIVE	699 SQ.FT.
WALK	70 SQ.FT.
TOTAL	2,648 SQ.FT.

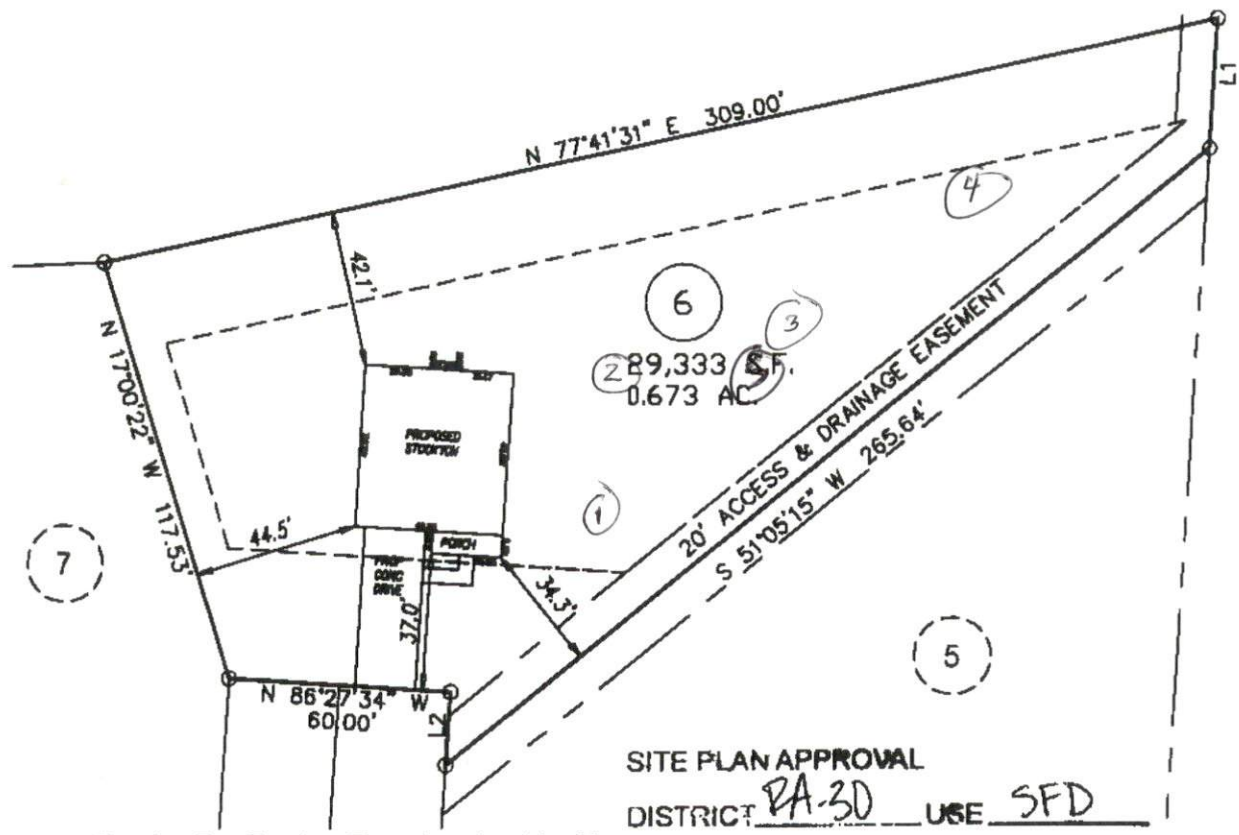
SETBACKS

FRONT	35'
SIDE	10'
REAR	25'
SIDE STREET	20'

THIS SURVEY IS OF AN EXISTING PARCEL OR PARCELS OF LAND AND DOES NOT CREATE A NEW STREET OR CHANGE AN EXISTING STREET.

SHAWN T. RUMBERGER, PLS L-4909 DATE

THIS MAP IS ONLY INTENDED FOR THE PARTIES AND PURPOSES SHOWN. THIS MAP IS NOT FOR RECORDATION. NO TITLE REPORT PROVIDED.



SADDLE LANE
60' PUBLIC R/W

SITE PLAN APPROVAL

DISTRICT PA-30 USE SFD

#BEDROOMS 4

9/22/17 BP ADMINISTRATOR

GRAPHIC SCALE



1 inch = 50 ft.

PLOT PLAN

LINE	BEARING	DISTANCE
L1	N 03°32'26" E	35.13'
L2	N 03°32'26" E	20.00'

ECLS	PROJECT: <u>14-004</u>
	DRAWN BY: <u>AMW</u>
	SCALE: <u>1"=50'</u>
	DATE: <u>09/05/17</u>

FOR
GARY ROBINSON HOMES
SADDLE LANE
LOT 6 JOHNSON FARMS SUBDIVISION
NEILL'S CREEK TWP., HARNETT CO., NC
P.B. 2006, PG. 986-988

ECLS GLOBAL
U.S. VETERAN-OWNED
19 N MCKINLEY ST
GOATS, NC 27521
910.897.3257 ECLSGLOBAL.COM
910.897.2329 (FAX) CD#C-4175