

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

Owner: _____ Applicant: David Sanchez Lopez
 Address: 50 County rd. Date Evaluated: 09/26/17
 Proposed Facility: _____ Design Flow (.1949): 450 GPD Property Size: 1 USAC
 Location of Site: 492 DuMH 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	
1,2	L 4-8%	0-24	GR LS	VFA SSK Ksp					PS
		24-48	BK SL	FA S P Ksp	7.5YR7.1 @ 38"	48			0.45
3,6	L 4-8%	0-24	GR LS	VFA SSK Ksp					U/PS
		24-40	BK SL	FA S P Ksp	7.5YR7.1 @ 37"	30			0.45
4,5	L 4-8%	0-24	GR LS	VFA SSK Ksp					U/PS
		24-36	BK SL	FA S P Ksp	7.5YR7.1 @ 32"	36			0.45
7	L 4-8%	0-28	GR LS	VFA SSK Ksp	7.5YR7.1 @ 26"	28			U/PS 0.45
8	L 4-8%	0-28	GR LS	VFA SSK Ksp					PS
		28-36	BK SL	FA S P Ksp	7.5YR7.1 @ 36"	36			0.45
9	L 4-8%	0-28	GR LS	VFA SSK Ksp					PS
		28-48	BK SL	FA S P Ksp	7.5YR7.1 @ 44"	48			0.45

Description	Initial System	Repair System	Other Factors (.1946):
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Site Classification (.1948): <u>Unsuitable/Provisionally Suitable</u>
System Type(s)	<u>ZS/Red</u>	<u>ZS/Red</u>	Evaluated By: <u>Andrew Curran, NEAS</u>
Site LTAR	<u>0.45</u>	<u>0.45</u>	Others Present:

COMMENTS: _____

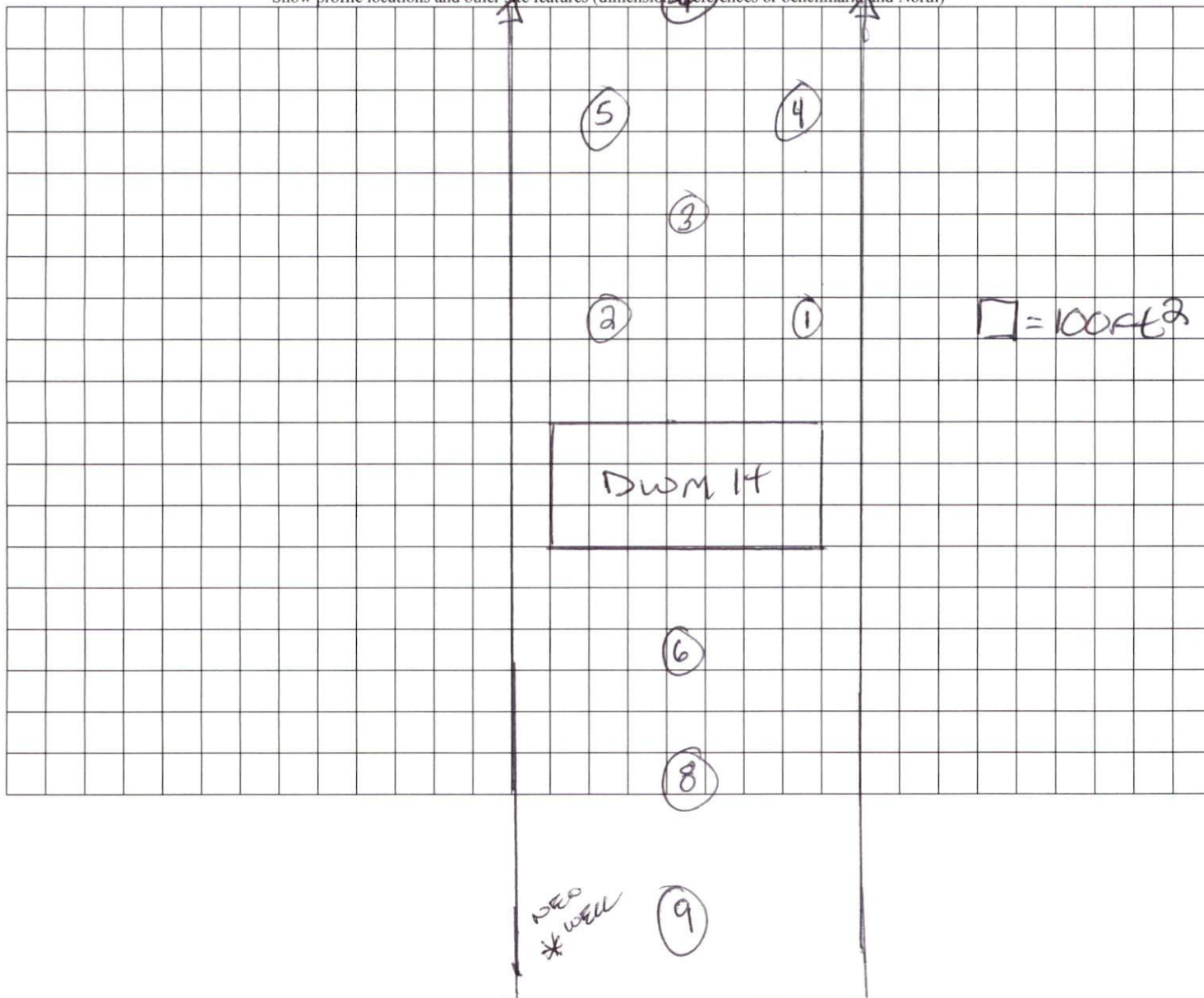
LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE	NS-NON-STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND		FR-FRIABLE	SS-SLIGHTLY STICKY
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM	S-STICKY
FS-FOOT SLOPE		L-LOAM		VFI-VERY FIRM	VS-VERY STICKY
N-NOSE 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

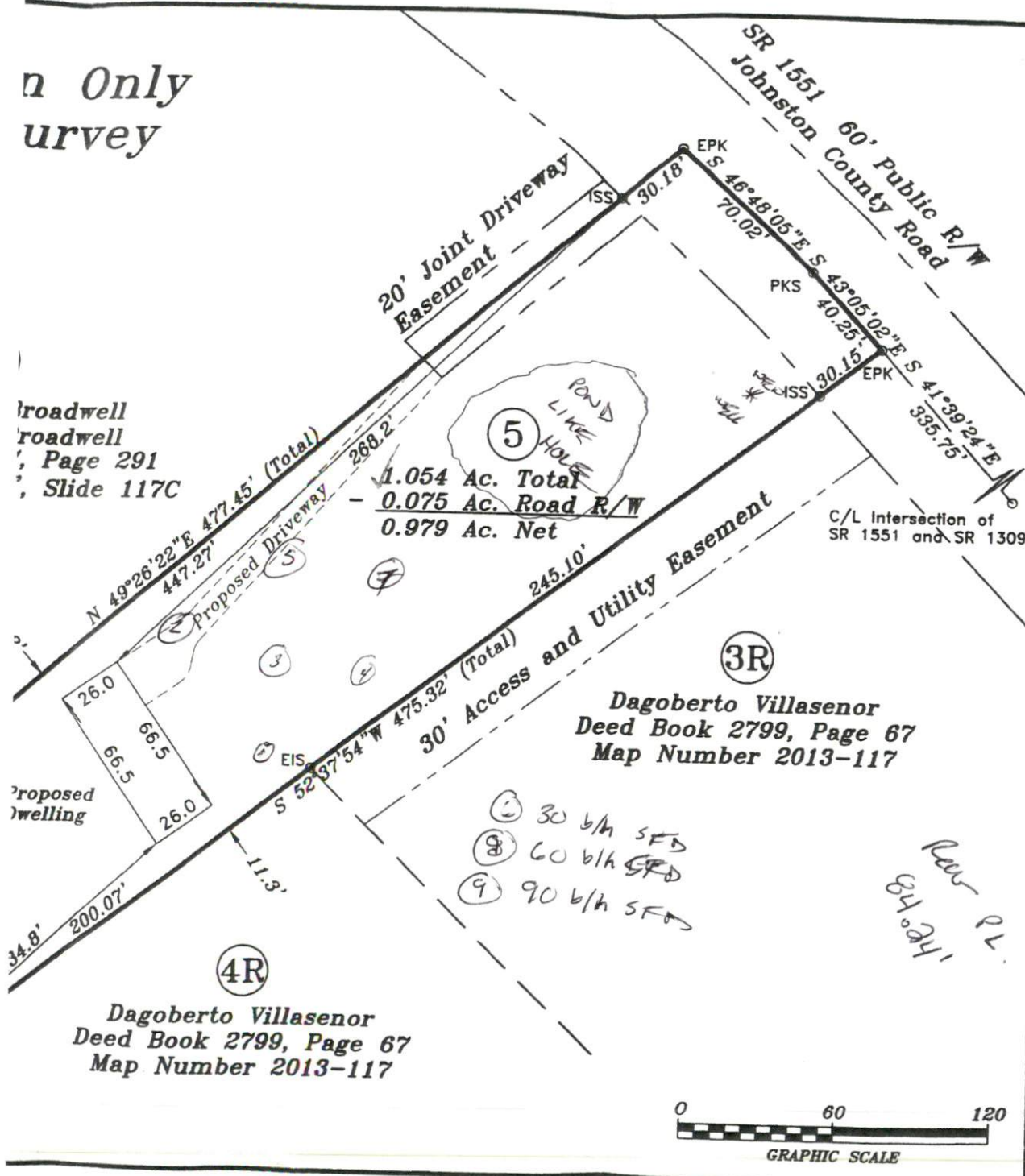


Show profile locations and other site features (dimensions, references or benchmark, and North)



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urvey

roadwell
roadwell
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Slide 117C

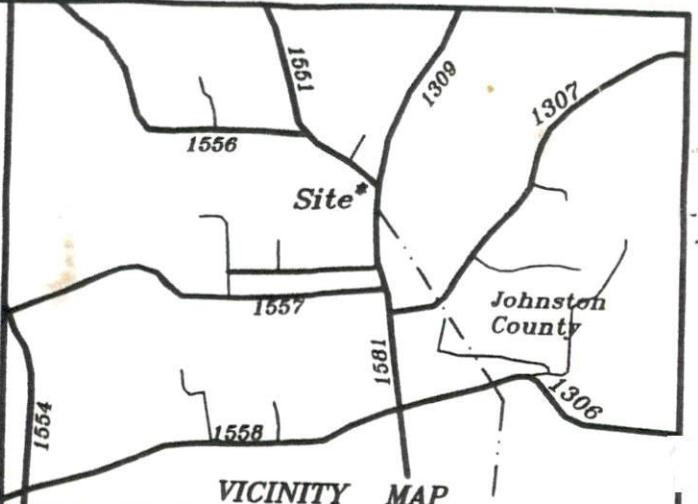


Proposed welling

1.054 Ac. Total
- 0.075 Ac. Road R/W
0.979 Ac. Net

Dagoberto Villasenor
Deed Book 2799, Page 67
Map Number 2013-117

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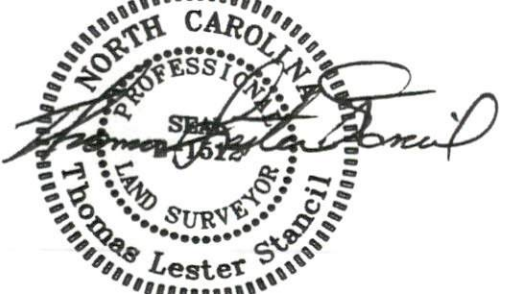


Johnston County Road
Lot 5, S & B Subdivision
Plat Cabinet "F", Slide 117-C
PIN: 1611-46-2186.000 Zoned: RA-20M

Plot Plan for:
David A. Sanchez Lopez

Grove	Twp.	Harnett	County
Scale: 1" = 60'		Date: 9-14-17	

Surveyed & Mapped By
STANCIL & ASSOCIATES
Professional Land Surveyor, P.A. C-0831
P.O. Box 730, Angier, N.C. 27501
919-639-2133 919-639-2602 (FAX)
stancilsurvey@gmail.com



NOT FOR RECORDATION

PAN

SHG-1389

- ① 30 b/h SFD
- ② 60 b/h SFD
- ③ 90 b/h SFD

Rev PL
8/21/17