

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

Owner: Applicant: *NEW HOME*  
 Address: *41 Avenis Creek Way* Date Evaluated:  
 Proposed Facility: *SFD 43.33' x 68'* Design Flow (.1949): *360*  
 Location of Site: Property Recorded: *Pets were Registered* Property Size:  
 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	2-3%	0-6	SL	<i>VF, 9%, NS, NP</i>					
		6-26	SCL	<i>FI, SBK, S, P</i>	26"	48"			.3
2	3-5%	0-28	SL	<i>VF, 9%, NS, NP</i>					
		28-36	SCL	<i>FI, SBK, S, P</i>	36"	48"			.3
3	4-5%	0-16	SL	<i>VF, 9%, NS, NP</i>					
		16-36	SCL	<i>FI, SBK, S, P</i>	26"	48"			.3
4	4-5%	0-16	SL	<i>VF, 9%, NS, NP</i>					
		16-30	SCL	<i>FI, SBK, S, P</i>					
		30-48	Sapropite	<i>FI, 9%, NS, NP SS, SP</i>	30"	48"			.3

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): <i>PS</i> Evaluated By: <i>JM/RL</i> Others Present:
Available Space (.1945)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
System Type(s)	<i>25% Red</i>	<i>25%</i>	
Site LTAR	<i>.3</i>	<i>.3</i>	

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

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE FR-FRIABLE	NS-NON-STICKY SS-SLIGHTLY STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND			
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM VFI-VERY FIRM	S-STICKY VS-VERY STICKY
FS-FOOT SLOPE		L-LOAM			
N-NOSE SLOPE	III	SI-SILT	0.6 - 0.3	EFI-EXTREMELY FIRM	NP-NON-PLASTIC SP-SLIGHTLY STICKY
H-HEAD SLOPE		SIL-SILT LOAM			
CC-CONCLAVE SLOPE		CL-CLAY LOAM			
CV-CONVEX SLOPE		SCL-SANDY CLAY LOAM			
T-TERRACE	IV	SIC-SILTY CLAY	0.4 - 0.1		P-PLASTIC VP-VERY PLASTIC
FP-FLOOD PLAN		C-CLAY SC-SANDY CLAY			

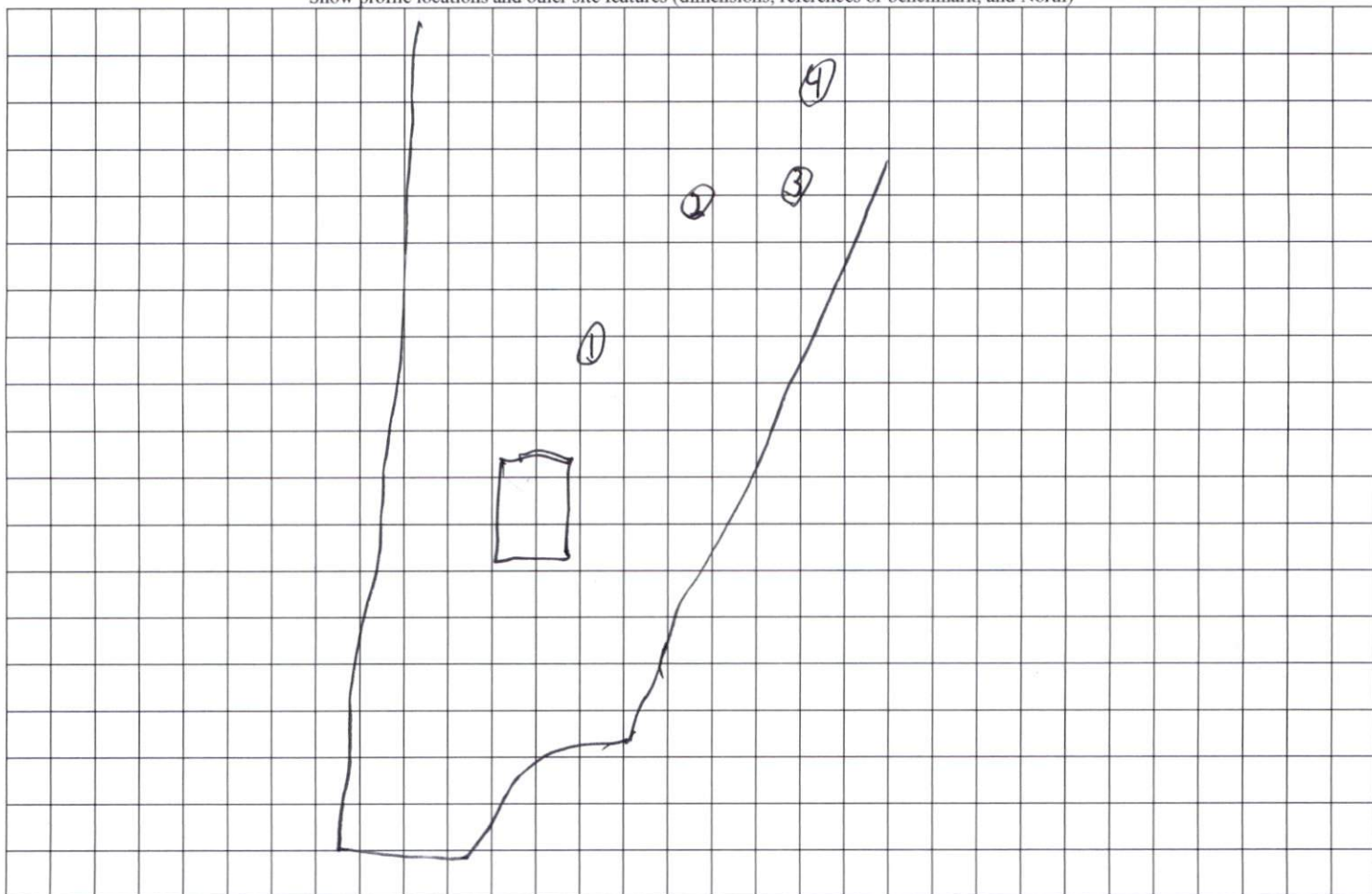
STRUCTURE

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

MINERALOGY

- SLIGHTLY EXPANSIVE
- EXPANSIVE

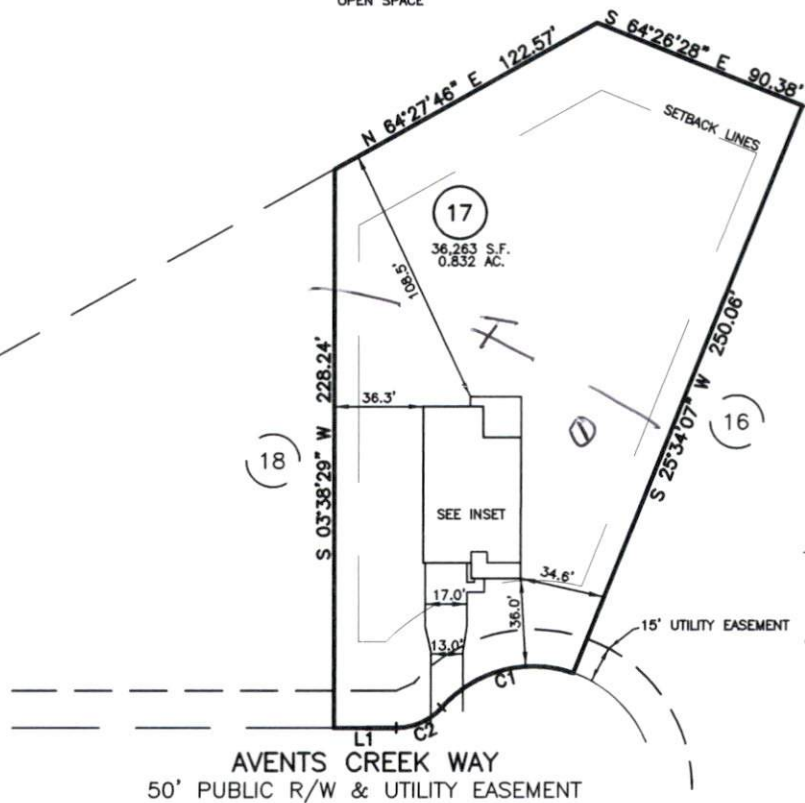
Show profile locations and other site features (dimensions, references or benchmark, and North)



PLOT PLAN FOR  
**NEW HOME INC., LLC**  
 41 AVENTS CREEK WAY  
 LOT 17, WOODBRIDGE SOUTH  
 BUCKHORN TOWNSHIP, HARNETT COUNTY, NORTH CAROLINA



OPEN SPACE



*1, L.T. 0-9/2000*  
*2-L.O-10*  
*10-35*  
*OUT AT*  
*34"*

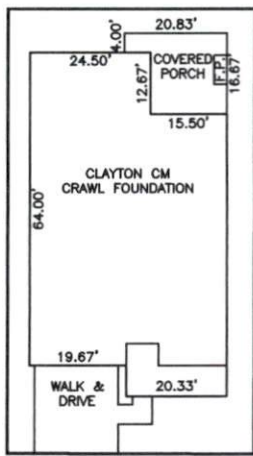
**LEGEND**

- ⊠ AIR CONDITIONER
- ⊠ BACK OF CURB
- ⊠ BACK FLOW PREVENTER
- ⊠ CLEANOUT
- ⊠ CURB INLET
- ⊠ DRILL HOLE SET
- ⊠ EXISTING CONCRETE MONUMENT
- ⊠ EXISTING DRILL HOLE
- ⊠ EXISTING IRON STAKE
- ⊠ EXISTING IRON PIPE
- ⊠ ELECTRIC METER
- ⊠ EXISTING PK NAIL
- ⊠ ELECTRIC STUB
- ⊠ FLARED END SECTION
- ⊠ FIRE HYDRANT
- ⊠ FIBER OPTIC PEDESTAL
- ⊠ GAS METER
- ⊠ GUY
- ⊠ INVERT
- ⊠ IRON PIPE SET
- ⊠ IRON ROD SET
- ⊠ LIGHT POLE
- ⊠ MAGNETIC NAIL SET
- ⊠ MANHOLE SANITARY SEWER
- ⊠ MANHOLE STORM SEWER
- ⊠ OVERHEAD WIRES
- ⊠ PK NAIL SET
- ⊠ POINT NOT SET
- ⊠ RAIL ROAD SPIKE
- ⊠ TELEPHONE PEDESTAL
- ⊠ TRANSFORMER
- ⊠ CABLE TV PEDESTAL
- ⊠ UTILITY POLE
- ⊠ WATER METER
- ⊠ WATER VALVE
- ⊠ YARD INLET
- ( ) FIELD MEASUREMENT

LINE	BEARING	DISTANCE
L1	N 86°21'31" W	25.34'

NUM	RADIUS	ARC	DELTA	CHORD BRG	CHORD
C1	50.00'	58.60'	87°08'54"	S 79°01'33" W	55.30'
C2	25.00'	21.03'	48°11'23"	S 69°32'47" W	20.41'



INSET: SCALE: 1"=30'

IMPERVIOUS SURFACES	
HOUSE	2,490 S.F.
WALK & DRIVE	970 S.F.
PORCH	280 S.F.
TOTAL	3,740 S.F.
MAX. IMPERVIOUS	4,000 S.F.

**SETBACK INFO**

- FRONT: 35'
- REAR: 25'
- SIDES: 10'
- CORNER SIDE: 20'



SCALE: 1" = 60'

- NOTES**
1. THIS SURVEY SUBJECT TO ANY FACTS THAT MAY BE DISCLOSED BY A FULL AND ACCURATE TITLE SEARCH.
  2. THIS MAP MAY NOT BE A CERTIFIED SURVEY AND HAS NOT BEEN REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS AND HAS NOT BEEN REVIEWED FOR COMPLIANCE WITH RECORDING REQUIREMENTS FOR PLATS.

**REFERENCES:**

P.B. 2023, PGS 92-94

PLOT PLAN  
 PRELIMINARY PLAT- NOT FOR RECORDATION,  
 CONVEYANCE OR SALES

DATE: AUG. 11, 2023

**RWK, PA**  
**ENGINEERING - SURVEYING**  
 CORPORATE LICENSE: C-1771  
 101 W. MAIN ST., SUITE 202  
 GARNER, NC 27529  
 PHONE (919) 779-4854  
 FAX (919) 779-4056

REV CODE: 1.FLIP, 2.PLAN, 3.ROTATE, 4.MOVE, 5.SS  
 6.SEVERAL OF ABOVE, 7.LAND FEATURE, 8. OTHER

F.B. \_\_\_\_\_

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