

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

Owner: Applicant: New Home INC  
 Address: 34 Avents Creek Way Date Evaluated: 12-11-23  
 Proposed Facility: SFD 36' x 54' Design Flow (.1949): 480 Property Size:  
 Location of Site: 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	3-4% LS	0-12	SL, gr	Fr, NS, NP, SE					
		12-30	SCL, SBK	FI, SS, NP, SE					
		30-48	CL, weak SBK	Fr, SS, NP, SE	7.5YR 6/8 7.5YR 6/2-30"	48"			.3
2,3	3-4% LS	0-10	SL, gr	Fr, NS, NP, SE					
		10-24	SCL, SBK	FI, SS, NP, SE					
		24-48	CL, weak SBK	Fr, SS, NP, SE	7.5YR 6/8 7.5YR 6/2-24"	48"			.3
4	5-6% LS	0-10	SL, gr	Fr, NS, NP, SE					
		10-38	SCL, SBK	FI, SS, NP, SE	7.5YR 6/8	48"			.35
		38-48	SCL, SBK						
5,6	3-4% LS	0-9	SL, gr	Fr, NS, NP, SE					
		9-21	SCL, SBK	FI, SS, NP, SE					
		21-48	CL, weak SBK	Fr, SS, NP, SE	7.5YR 6/8 7.5YR 6/2-21"	48"			.3
7,8	5-6%	0-10	SL, gr	Fr, NS, NP, SE					
		10-30	SCL, SBK	FI, SS, NP, SE					
		30-48	CL, weak SBK	Fr, SS, NP, SE	7.5YR 6/8 7.5YR 6/2-30"	48"			.3
9	6-7% LS	0-8	SL, gr	Fr, NS, NP, SE					
		8-19	SCL, SBK	FI, SS, NP, SE					
		19-48	CL, weak SBK	Fr, SS, NP, SE	7.5YR 6/5 7.5YR 6/2-19"	48"			.3

Description	Initial System	Repair System	Other Factors (.1946): Site Classification (.1948): PS Evaluated By: RL/JM Others Present:
Available Space (.1945)	✓	✓	
System Type(s)	low profile	50% Reduction	
Site LTAR	.3	.3	

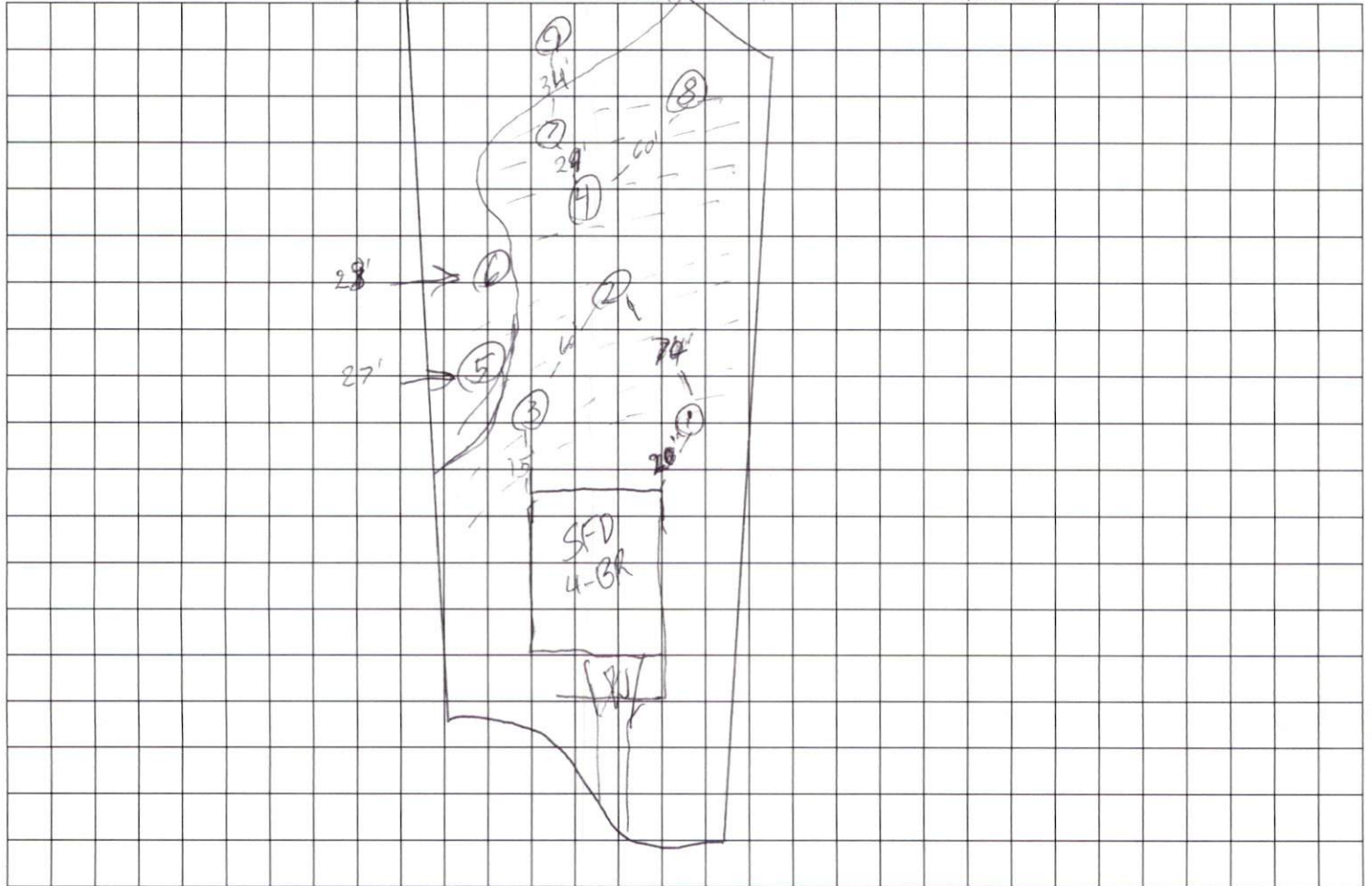
COMMENTS: \_\_\_\_\_

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

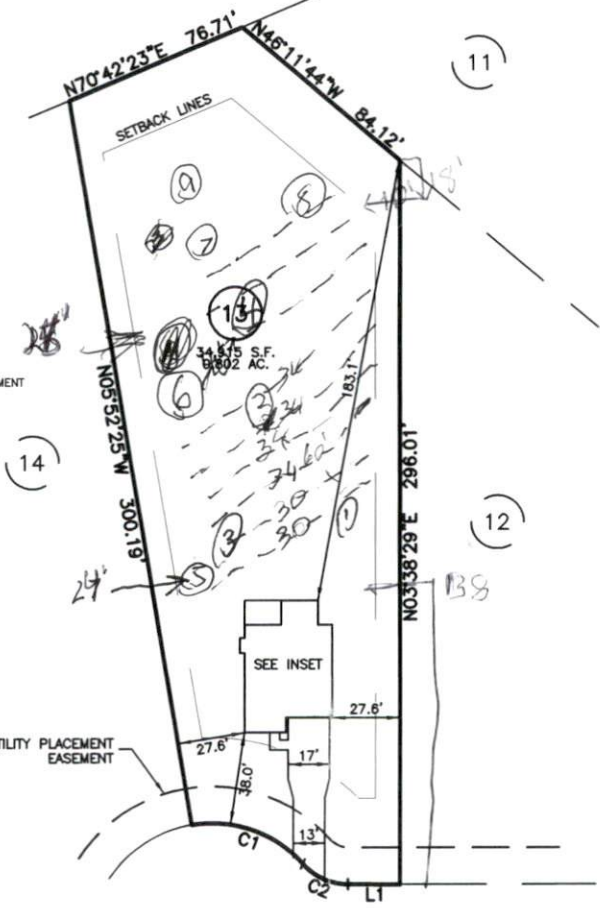
MINERALOGY  
 SLIGHTLY EXPANSIVE  
 EXPANSIVE

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



PLOT PLAN FOR  
**NEW HOME INC, LLC.**  
 34 AVENTS CREEK WAY  
 LOT 13, WOODBRIDGE SOUTH  
 BUCKHORN TOWNSHIP, HARNETT COUNTY, NORTH CAROLINA

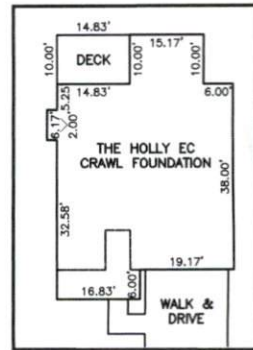
OPEN SPACE



**LEGEND**

- AC AIR CONDITIONER
- BC BACK OF CURB
- BFP BACK FLOW PREVENTER
- C CLEANOUT
- CI CURB INLET
- DHS DRILL HOLE SET
- ECM EXISTING CONCRETE MONUMENT
- EDH EXISTING DRILL HOLE
- EIS EXISTING IRON STAKE
- EIP EXISTING IRON PIPE
- EM ELECTRIC METER
- EPK EXISTING PK NAIL
- ES ELECTRIC STUB
- FEA FLARED END SECTION
- FH FIRE HYDRANT
- FOP FIBER OPTIC PEDESTAL
- GM GAS METER
- GUY GUY
- INV INVERT
- IPS IRON PIPE SET
- IRS IRON ROD SET
- L LIGHT POLE
- MNS MAGNETIC NAIL SET
- MS MANHOLE SANITARY SEWER
- MS MANHOLE STORM SEWER
- OW OVERHEAD WIRES
- PKS PK NAIL SET
- PNS POINT NOT SET
- PRS RAIL ROAD SPIKE
- TP TELEPHONE PEDESTAL
- TR TRANSFORMER
- UTP CABLE TV PEDESTAL
- UP UTILITY POLE
- WM WATER METER
- WV WATER VALVE
- YI YARD INLET
- FM FIELD MEASUREMENT

*Low profile initial 6 90S  
 Repair 14 Gbs*



INSET: SCALE: 1"=30'

AVENTS CREEK WAY  
 50' PUBLIC R/W & UTILITY EASEMENT

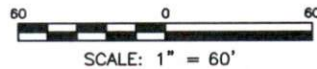
NUM	RADIUS	ARC	DELTA	CHORD BRG	CHORD
C1	50.00'	50.36'	57°42'16"	N67°01'16"W	48.26'
C2	25.00'	21.03'	48°11'23"	N62°15'50"W	20.41'

LINE	BEARING	DISTANCE
L1	N86°21'31"W	21.14'

IMPERVIOUS SURFACES	
HOUSE	1,640 S.F.
WALK & DRIVE	960 S.F.
PORCH	150 S.F.
TOTAL	2,750 S.F.
MAX. IMPERVIOUS	4,000 S.F.

**SETBACK INFO**

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



**REFERENCES:**  
 P.B. 2023, PGS 92-94

**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.

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

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

DATE: NOV. 29, 2023

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

**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

1 0-12 SL

12-30 SCL

30-48 CC

out 30''

3, 2, 0-10

10-24

24-48

out 24''

~~3~~

4, 0-10

10-38

38-ROCK S

5, 6, 0-9

9-21

21-48

out 21''

0-10

10-30

38 30-48 30''

9 0-8

8-20

20-48

out 19-20''