

Harnett County Department of Public Health

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

PROPERTY LOCATION: 143 Hobby Rd, Holly Springs, NC, 27540

ISSUED TO: Signature Home Builders

SUBDIVISION _____ LOT # A

NEW REPAIR EXPANSION

Site Improvements required prior to Construction Authorization Issuance: _____

Type of Structure: SFD 60' x 53'

Proposed Wastewater System Type: 25% Reduction System

Projected Daily Flow: 360 GPD

Number of bedrooms: 3 Number of Occupants: 6 max

Basement Yes No

Pump Required: Yes No May be required based on final location and elevations of facilities

Type of Water Supply: Community Public Well Distance from well _____ feet

Permit valid for: Five years No expiration

Permit conditions: _____

Authorized State Agent: James E. Manhart Date: 1-24-24

SEE ATTACHED SITE SKETCH

The issuance of this permit by the Health Department in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements. This site is subject to revocation if the site plan, plat, or the intended use changes. The Improvement Permit shall not be affected by a change in ownership of the site. This permit is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to conditions of this permit.

Construction Authorization

(Required for Building Permit)

The construction and installation requirements of Rules .1950, .1952, .1954, .1955, .1956, .1957, .1958, and .1959 are incorporated by references into this permit and shall be met. Systems shall be installed in accordance with the attached system layout.

ISSUED TO: Signature Home Builders

PROPERTY LOCATION: 143 Hobby Rd, Holly Springs, NC, 27540

SUBDIVISION _____ LOT # A

Facility Type: SFD 60' x 53' New Expansion Repair

Basement? Yes No Basement Fixtures? Yes No

Type of Wastewater System** 25% Reduction System (Initial) Wastewater Flow: 360 GPD

(See note below, if applicable) 25% Reduction System (Repair)

Installation Requirements/Conditions

Septic Tank Size 1,000 gallons

Pump Tank Size _____ gallons

Number of trenches 4

Exact length of each trench 90 feet

Trenches shall be installed on contour at a

Maximum Trench Depth of: 18"-20" inches

(Trench bottoms shall be level to +1-1/4"

in all directions)

Trench Spacing: 9 Feet on Center

Soil Cover: 6 inches

(Maximum soil cover shall not exceed

36" above the trench bottom)

Pump Requirements: _____ ft. TDH vs. _____ GPM _____ inches below pipe

Aggregate Depth: _____ inches above pipe

Conditions: Need 6" of Group 1/2 Soil to cover drain lines _____ inches total

**WATER LINES (INCLUDING IRRIGATION) MUST BE 10FT. FROM ANY PART OF SEPTIC SYSTEM OR REPAIR AREA.
NO UTILITIES ALLOWED IN INITIAL OR REPAIR DRAIN FIELD AREA.**

**If applicable: I understand the system type specified is different from the type specified on the application. I accept the specifications of this permit.

Owner/Legal Representative Signature: _____ Date: _____

This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. The Construction Authorization shall not be transferred when there is a change in ownership of the site. This

Construction Authorization is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to the conditions of this permit.

SEE ATTACHED SITE SKETCH

Authorized State Agent: James E. Manhart Date: 1-24-24
Construction Authorization Expiration Date: 1-24-25

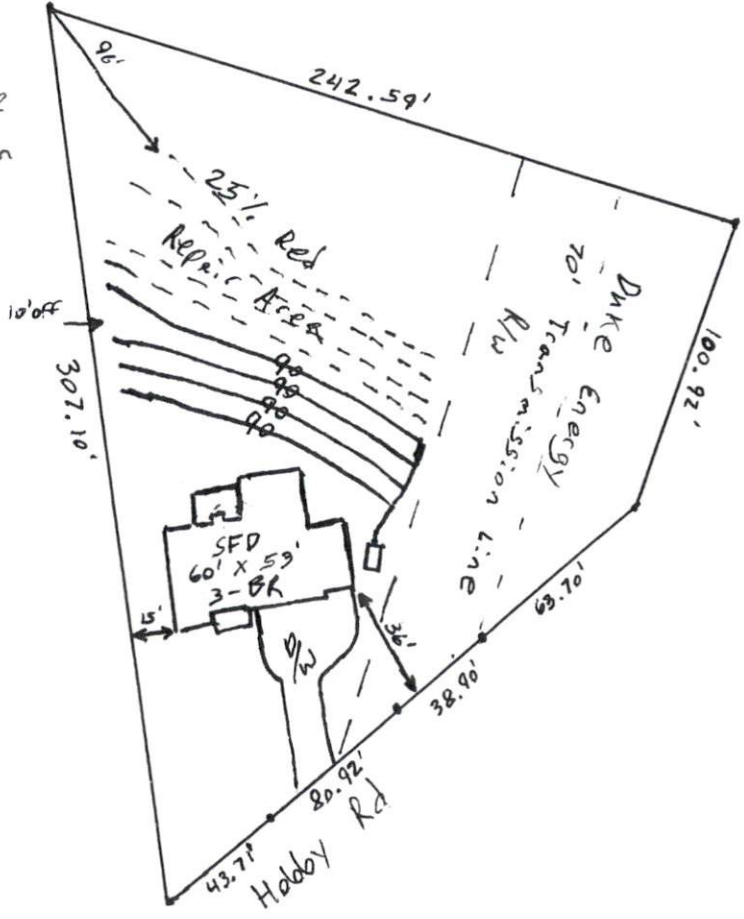
Application # SFD 2312-0045

Harnett County Department of Public Health Site Sketch

Property Location: 145 Hobby Rd, Holly Springs, NC, 27540 SR, 1400
Issued To: Signature Home Builders Subdivision Lot # A

Authorized State Agent: James E. Manhart JR. RZMS Date: 1-24-24

* Need 6" Group 1 or 2
Soil to cover Drain
Lines



This drawing is for illustrative purposes only. System installation must meet all pertinent laws, rules, and regulations.

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

Owner: Applicant: *Signature Homes*
 Address: *145 Habby Rd* Date Evaluated: *12-18-23*
 Proposed Facility: *SFD 60' x 33'* Design Flow (.1949): *360* 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	
1,6	2-3% LS	0-8	SL, g ^c	Fr, NS, NP, SE					
		8-27	C, SBK	FI, SS, SP, SE					
		27-48	CL, weak SBK	Fr, SS, NP, SE	10R 5/8 5/2 - 27"	48"			.25
2,4	3-4% LS	0-5	SCL, SBK	Fr, SS, NP, SE					
		5-16	SL, g ^c	Fr, NS, NP, SE					
		16-32	C, SBK	FI, SS, SP, SE					
		32-48	CL, weak SBK	Fr, SS, NP, SE	10R 5/8 5/2 - 32"	48"			.25
		0-5	SCL, SBK	Fr, SS, SP, SE					
		5-14	SL, g ^c	Fr, NS, NP, SE					
3	3-4% LS	14-38	C, SBK	FI, SS, SP, SE					
		38-48	CL, weak SBK	Fr, SS, NP, SE	10R 5/8 5/2 - 38"	48"			.25
		0-7	SCL, weak SBK	Fr, SS, NP, SE					
5	4-5% LS	7-16	SL, g ^c	Fr, NS, NP, SE					
		16-19	SCL, weak SBK	Fr, SS, NP, SE	Water table at 9" 7.5' R 4/2 - 19"	48"			US

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

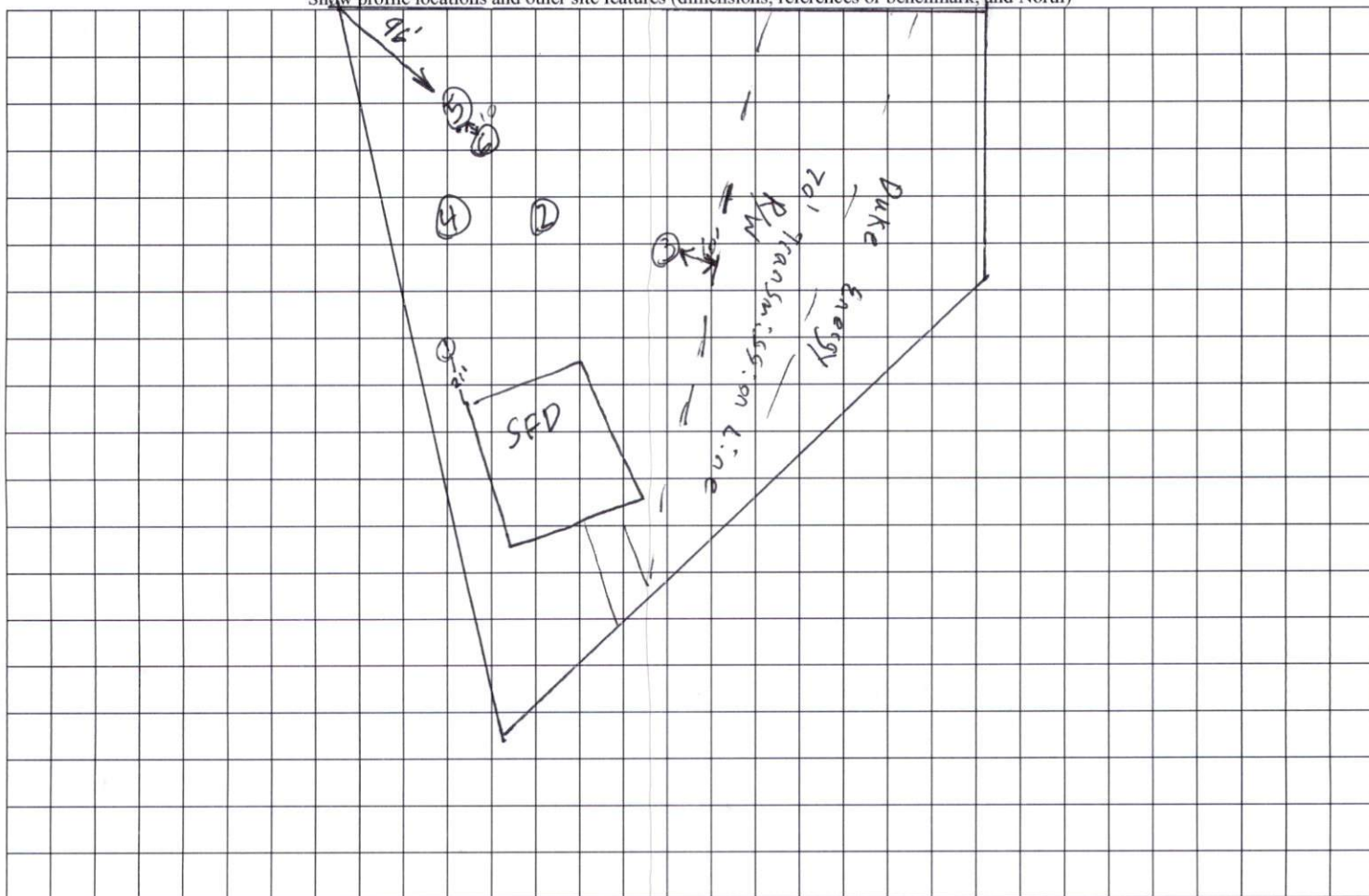
COMMENTS: _____

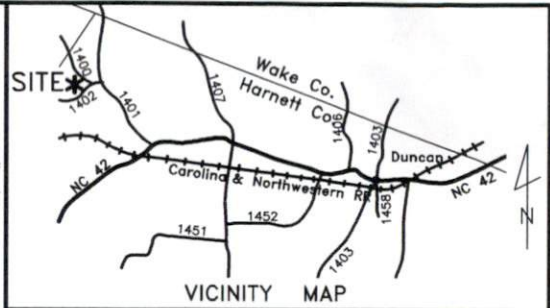
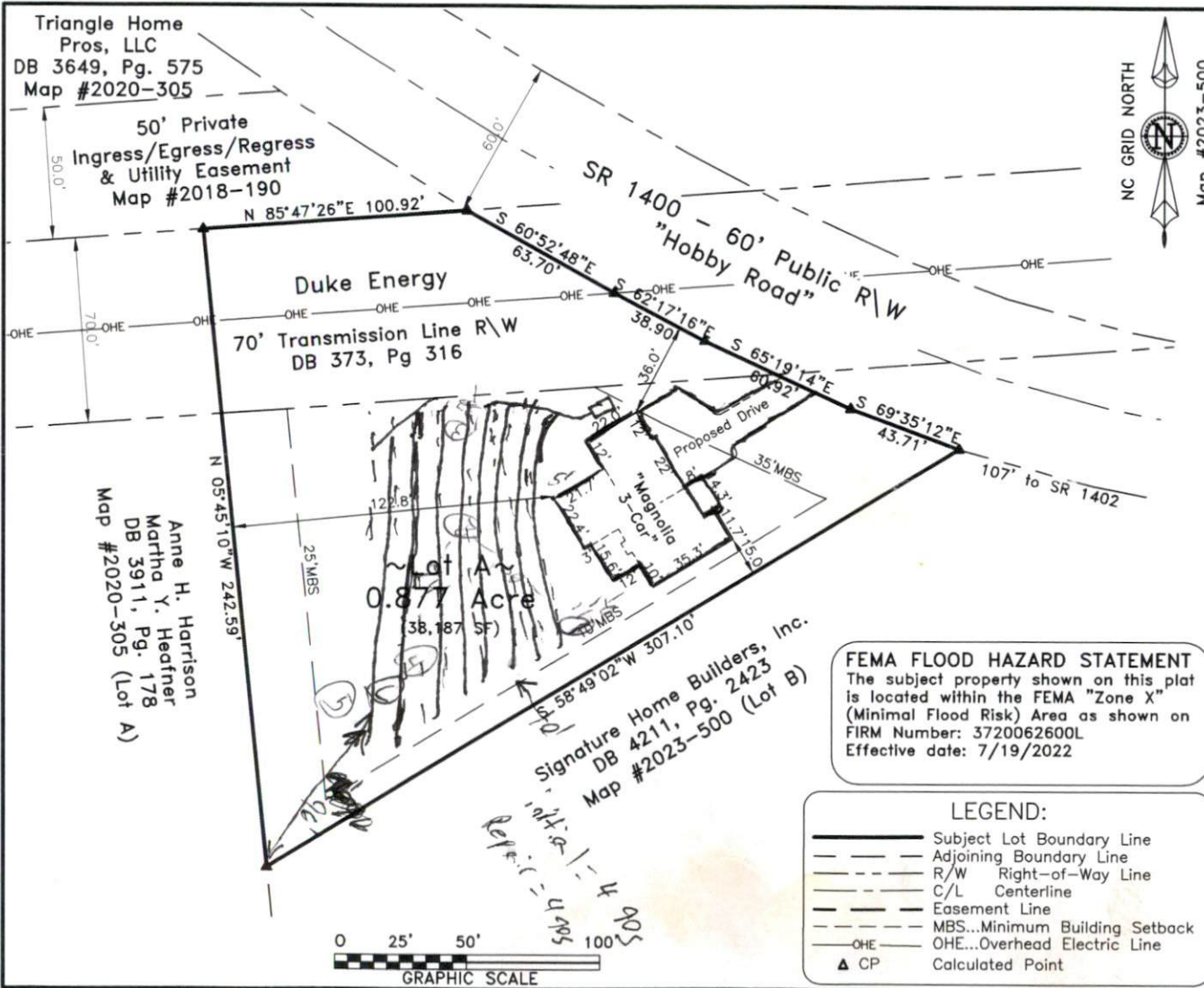
LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE	I	S-SAND	1.2 - 0.8	VFR-VERY FRIABLE	NS-NON-STICKY
S-SHOULDER SLOPE		LS-LOAMY SAND		FR-FRIABLE	SS-SLIGHTLY STICKY
L-LINEAR SLOPE	II	SL-SANDY LOAM	0.8 - 0.6	FI-FIRM	S-STICKY
FS-FOOT SLOPE		L-LOAM		VFI-VERY FIRM	VS-VERY STICKY
N-NOSE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





~ 145 Hobby Rd., Holly Springs ~
Lot A, Map #2023-500, DB 4211, Pg. 2423
PID: 050623 0006 19 - PIN: 0626-53-1954.000

Plot Plan For:
SIGNATURE HOME BUILDERS, INC.

Buckhorn Township	Harnett County
Scale: 1" = 50'	Date: 10/31/2023

Surveyed & Mapped By
STREAMLINE LAND SURVEYING, Inc.
NC FIRM C-1898
870 NC 55 W, Coats, N.C. 27521
Phone: 910-897-7715

~PRELIMINARY PLOT PLAN~
- Not an actual survey -
This plan represents proposed improvements to a lot of record. This plan is subject to review and approval by County Planning and Inspections Departments.

FEMA FLOOD HAZARD STATEMENT
The subject property shown on this plat is located within the FEMA "Zone X" (Minimal Flood Risk) Area as shown on FIRM Number: 3720062600L
Effective date: 7/19/2022

- LEGEND:**
- Subject Lot Boundary Line
 - - - - - Adjoining Boundary Line
 - - - - - R/W Right-of-Way Line
 - - - - - C/L Centerline
 - - - - - Easement Line
 - - - - - MBS...Minimum Building Setback
 - - - - - OHE...Overhead Electric Line
 - ▲ CP Calculated Point

NOT FOR RECORDATION

DATA\0626\231018SI.dwg (LotA - PlotPlan)