

Harnett County Department of Public Health Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: KB Homes Carolinas PROPERTY LOCATION: Windy May Ct. (Christian Lt. Rd. - SR 1412)
 SUBDIVISION Highland Grove LOT # 15
 NEW REPAIR EXPANSION
 Type of Structure: 3-Bedroom 43'x56' SFD Site Improvements required prior to Construction Authorization Issuance:
 Proposed Wastewater System Type: 25% Reduction Sys.
 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 NA feet Permit valid for: Five years
 No expiration
 Permit conditions: _____

Authorized State Agent: [Signature] Date: 03/17/2021 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: KB Homes Carolinas PROPERTY LOCATION: Windy May Ct. (Christian Lt. Rd. - SR 1412)
 SUBDIVISION Highland Grove LOT # 15

Facility Type: 3-Bedroom 43'x56' SFD 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 <u>1000</u> gallons	Number of trenches <u>1</u>	Trench Spacing: <u>9</u> Feet on Center
Pump Tank Size <u>1000</u> gallons	Exact length of each trench <u>280</u> feet	Soil Cover: <u>12</u> inches
	Trenches shall be installed on contour at a	(Maximum soil cover shall not exceed
	Maximum Trench Depth of: <u>24 18</u> inches	36" above the trench bottom)
	(Trench bottoms shall be level to +/-1/4"	
	in all directions)	
Pump Requirements: _____ ft. TDH vs. _____ GPM		Aggregate Depth: <u>NA</u> inches below pipe
		<u>NA</u> inches above pipe
Conditions: <u>Pump to Medium D-Box Serial Distribution</u>		<u>NA</u> 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.

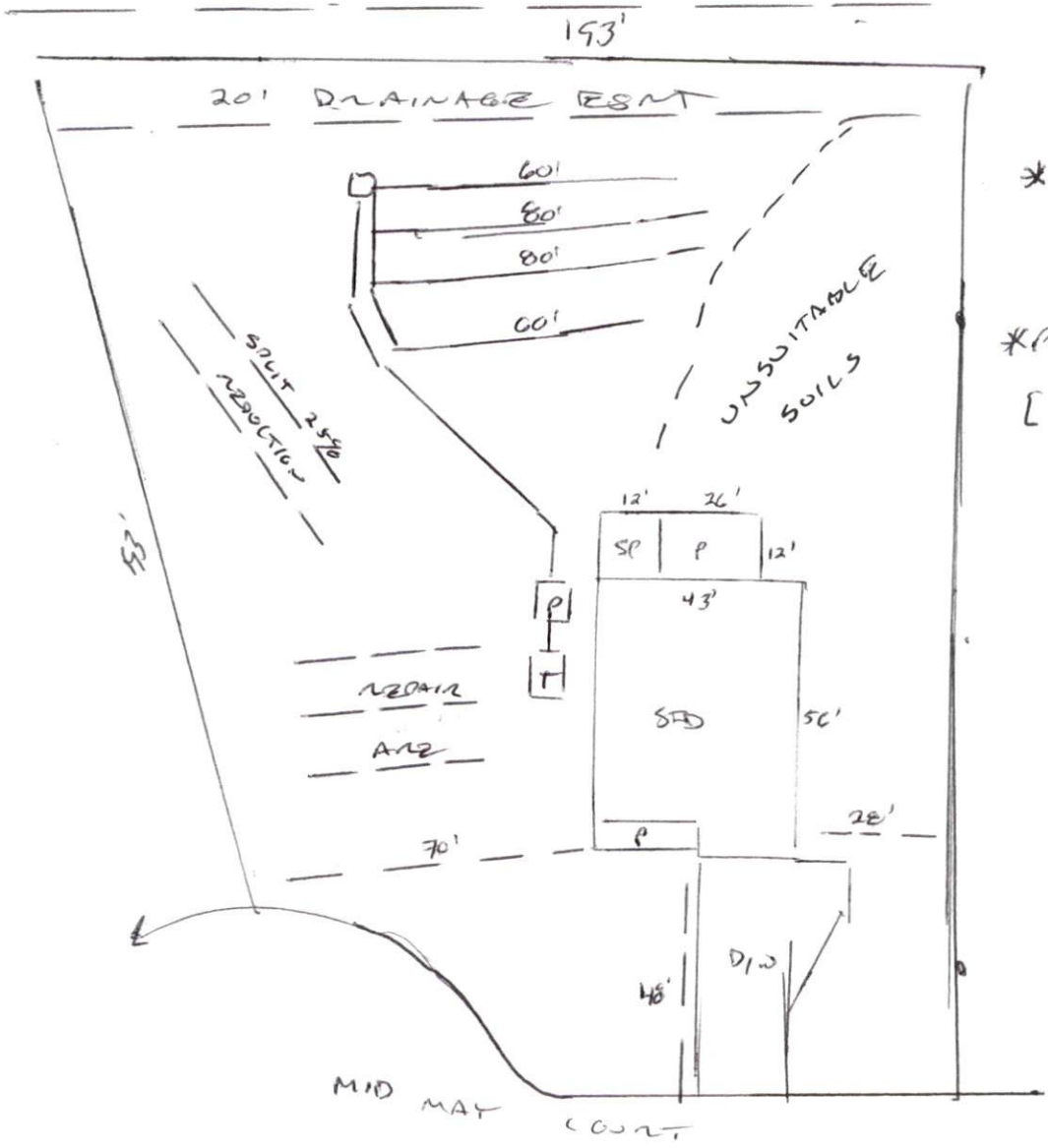
Owner/Legal Representative Signature: _____ Date: _____

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: [Signature] Date: 03/17/2021
ANDREW CORWIN Construction Authorization Expiration Date: 03/17/2026

Harnett County Department of Public Health Site Sketch

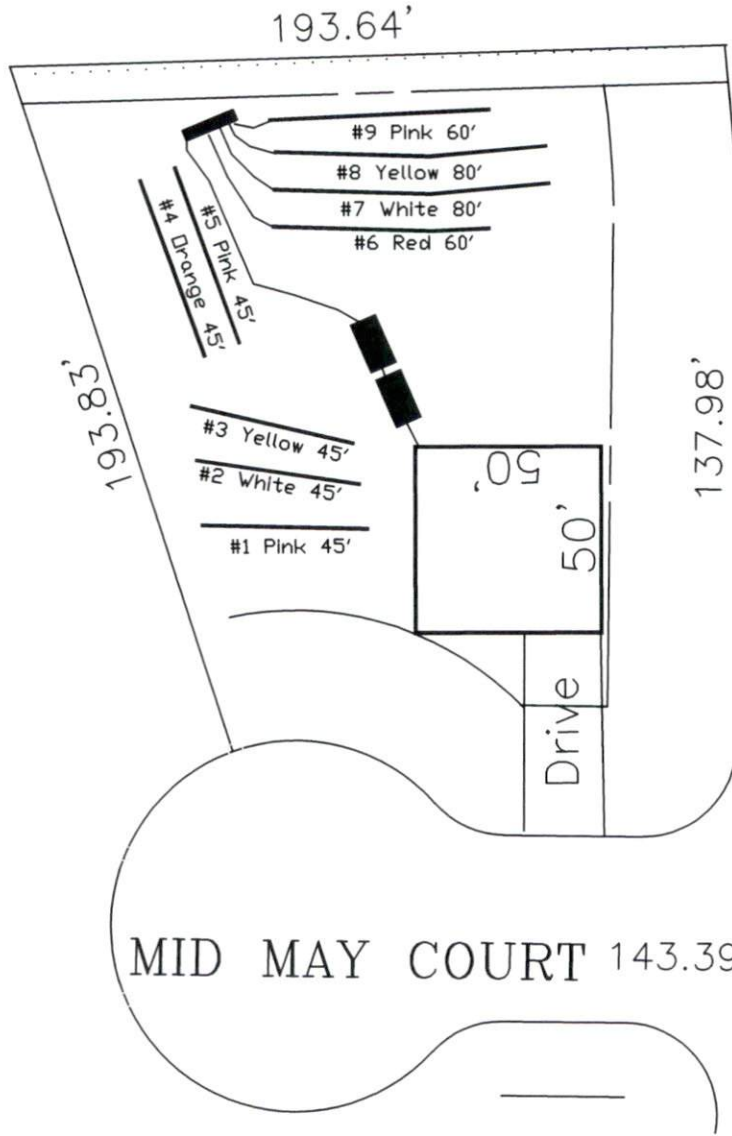
Property Location: Windy May Ct. (Christian Lt. Rd. - SR 1412)
Issued To: KB Homes Carolinas Subdivision Highland Grove Lot # 15
Authorized State Agent: [Signature] Date: 03/17/2021
ANDREW CURRIN



*PROPOSAL BY
ADAMS SOIL
CONSULTING
*PRESSURE MANIFOLD
[SIZES ATTACHED]

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

Highland Grove 3-Bedroom Septic Proposal Lot #15



Windy Farm Drive

15
34,473 SQ.FT.

System: Pressure Manifold
 Lines: 6-9 (280')
 0.35 LTAR
 24' Trench Bottom
 Accepted Status System
 Repair: Serial Dist.
 Lines: 1-5 (225')
 0.4 LTAR
 24 Trench Bottom
 Accepted Status System

This drawing represents a preliminary septic plan made prior to final construction activities. A revised plan may need to be reworked at time of permitting.

GRAPHIC SCALE
1" = 50'



Adams
Soil Consulting
919-414-6761
Job #561

Highland Grove - Lot 15 System, Tap Chart

Bench Mark	2.00	is = 100.00 Location of BM						Elevation Head	2.70
Pump tank elev.	0	102.00	Pump elev.	97.00			Manifold elev.	99.70	
line	color	rod read	Elevation	length	hole size	flow/tap	gal/day	trench area	LINE LTAR
1	Red	3.3	98.70	60	1/2in SCH 40	7.11	74.36	180	0.4131
2	White	3.6	98.40	80	3/4in SCH 80	10.1	105.64	240	0.4402
3	Yellow	3.9	98.10	80	3/4in SCH 80	10.1	105.64	240	0.4402
4	Pink	4.1	95.90	60	1/2in SCH 40	7.11	74.36	180	0.4131
		total	feet =	280	gal/min =	34.42		<u>LTAR =</u>	0.3500
								<u>LTAR + %5</u>	0.3675
% of Dose Vol.	75		<u>Des. Flow</u>	360				(Itar W/ INOV)	0.4667
Dose Volume	136.50		Pump Run=	10.46				(Itar W/ INOV + 5%)	0.4900
Dose Pump Time	3.97		Tank Gal/IN	21					
Drawdown in Inches	6.50								