

Harnett County Department of Public Health

Improvement Permit

A building permit cannot be issued with only an Improvement Permit

ISSUED TO: KB Home Raleigh-Durham Inc. PROPERTY LOCATION: 582 Windy Farm Dr. (Christian Lt. Rd. - SF
 SUBDIVISION Highland Grove LOT # 19
 NEW REPAIR EXPANSION Site Improvements required prior to Construction Authorization Issuance:
 Type of Structure: 4-Bedroom 38'x41.5' SFD
 Proposed Wastewater System Type: 25% Reduction Sys.
 Projected Daily Flow: 480 GPD
 Number of bedrooms: 4 Number of Occupants: 8 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
 Permit conditions: _____ No expiration

Authorized State Agent: [Signature] Date: 05/27/2021 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 Home Raleigh-Durham Inc. PROPERTY LOCATION: ⁵⁸²5582 Windy Farm Dr. (Christian Lt. Rd. -
 SUBDIVISION Highland Grove LOT # 19
 Facility Type: 4-Bedroom 38'x41.5' SFD New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** 25% REDUCTION SYSTEM (Initial) Wastewater Flow: YES GPD
 (See note below, if applicable
50% REDUCTION PPOPS (Repair)
 Installation Requirements/Conditions
 Septic Tank Size 1000 gallons Number of trenches 5
 Pump Tank Size 1000 gallons Exact length of each trench 70 feet Trench Spacing: 9 Feet on Center
 Trenches shall be installed on contour at a Soil Cover: 12 inches
 Maximum Trench Depth of: 24 inches (Maximum soil cover shall not exceed
 (Trench bottoms shall be level to +/-1/4" 36" above the trench bottom)
 in all directions)
 Pump Requirements: _____ ft. TDH vs. _____ GPM NA inches below pipe
 Aggregate Depth: NA inches above pipe
 Conditions: PUMP TO MEDIUM D-BOX; PROPOSAL BY ADAMS SOIL NA 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: 05/27/2021
Andrew Corbin Construction Authorization Expiration Date: 05/27/2026

Application # SFD2103-0066

Harnett County Department of Public Health Site Sketch

Property Location: 582 Windy Farm Dr. (Christian Lt. Rd. - SR 1412)

Issued To: KB Home Raleigh-Durham Inc. Subdivision Highland Grove

Lot # 19

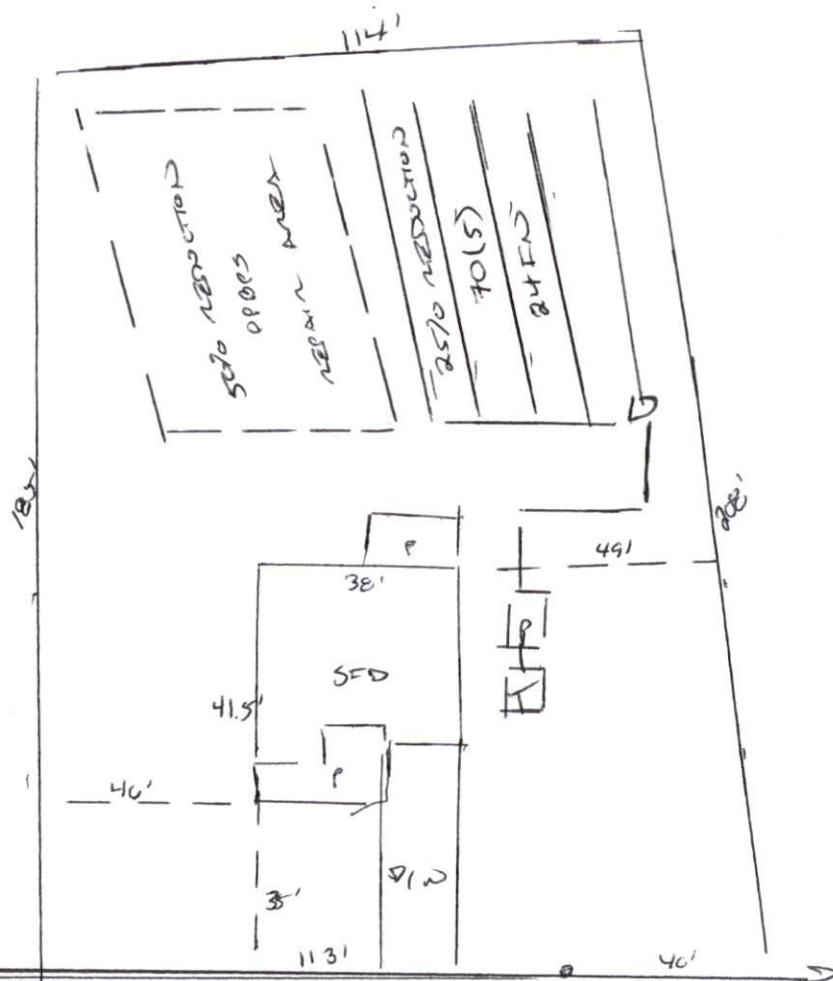
Authorized State Agent: _____

[Signature]
ANDREW CORN

Date: 05/27/2021

* POND TO MEDIAN D-BOX EQUAL DISTRIBUTION

* PROPOSED BY ADAMS SOIL CONSULTING



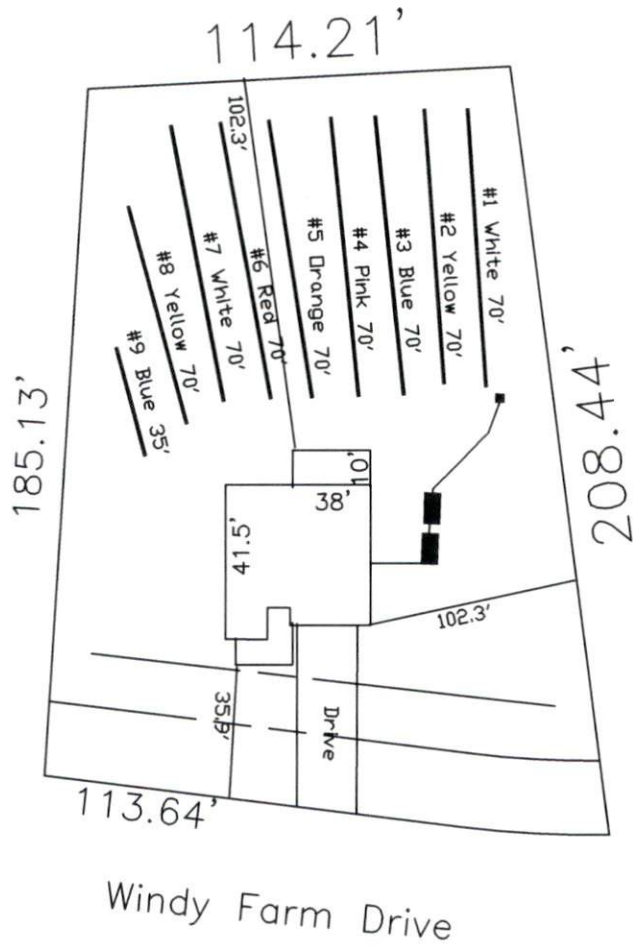
This drawing is for illustrative purposes only. System installation must meet all pertinent laws, rules, and regulations.

WINDY FARM DRIVE

KB Homes
Lot #19 - Highland Grove
 4-Bedroom Home (480 gal./day)

<u>LINE #</u>	<u>COLOR</u>	<u>LINE LENGTH</u>	<u>Design Length</u>
TBM		<u>in field</u>	<u>installation</u>
INST. 1			
1	White	78	70
2	Yellow	78	70
3	Blue	76	70
4	Pink	75	70
5	Oreange	75	70
6	Red	70	70
7	White	70	70
8	Yellow	70	70
9	Bluye	35	35
		<u>System</u>	<u>Repair</u>
		Lines 1-5	Lines 6-8
System Type		Accepted Status System	T&J Panel 50% Reduction System
Suggested Soil LTAR		0.35	0.35
Total Line Length		350	245
Square Footage		1050	735
Proposed Trench Bottom		Maximum 24"	Maximum 20"
Septic Tank		1000 Gallon	
Pump Tank		1000 Gallon	
Distribution Method		Pump to D-Box	Pressure Manifold

Highland Grove 4-Bedroom Septic Proposal Lot #19



19

26,249 SQ.FT.

System: Pump to D-Box
 Lines: 1-5 (350')
 0.35 LTAR
 24" Trench Bottom
 Accepted Status System
 Repair: Pressure Manifold
 Lines: 5-8 (245')
 0.35 LTAR
 24 Trench Bottom
 Accepted Status System

Adams
 Soil Consulting
 919-414-6761
 Job #561