

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: 573 Windy Farm Ln. (Christian Lt. Rd. - SF
 SUBDIVISION Highland Grove LOT # 22

NEW REPAIR EXPANSION Site Improvements required prior to Construction Authorization Issuance:

Type of Structure: 40x50(4bed/4ba)

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 conditions: _____ Permit valid for: Five years No expiration

Authorized State Agent: [Signature] Date: 07/01/2021 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: 573 Windy Farm Ln. (Christian Lt. Rd. -
 SUBDIVISION Highland Grove LOT # 22

Facility Type: 40x50(4bed/4ba) New Expansion Repair

Basement? Yes No Basement Fixtures? Yes No

Type of Wastewater System** 25% REDUCTION SYSTEM (Initial) Wastewater Flow: 480 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>5</u> Feet on Center
Pump Tank Size _____ gallons	Exact length of each trench <u>350</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</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>PROPOSAL BY ADAMS SOIL CONSULTING</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: 07/01/2021
ANDREW CURIN Construction Authorization Expiration Date: 07/01/2026

Harnett County Department of Public Health Site Sketch

Property Location: 573 Windy Farm Ln. (Christian Lt. Rd. - SR 1412)

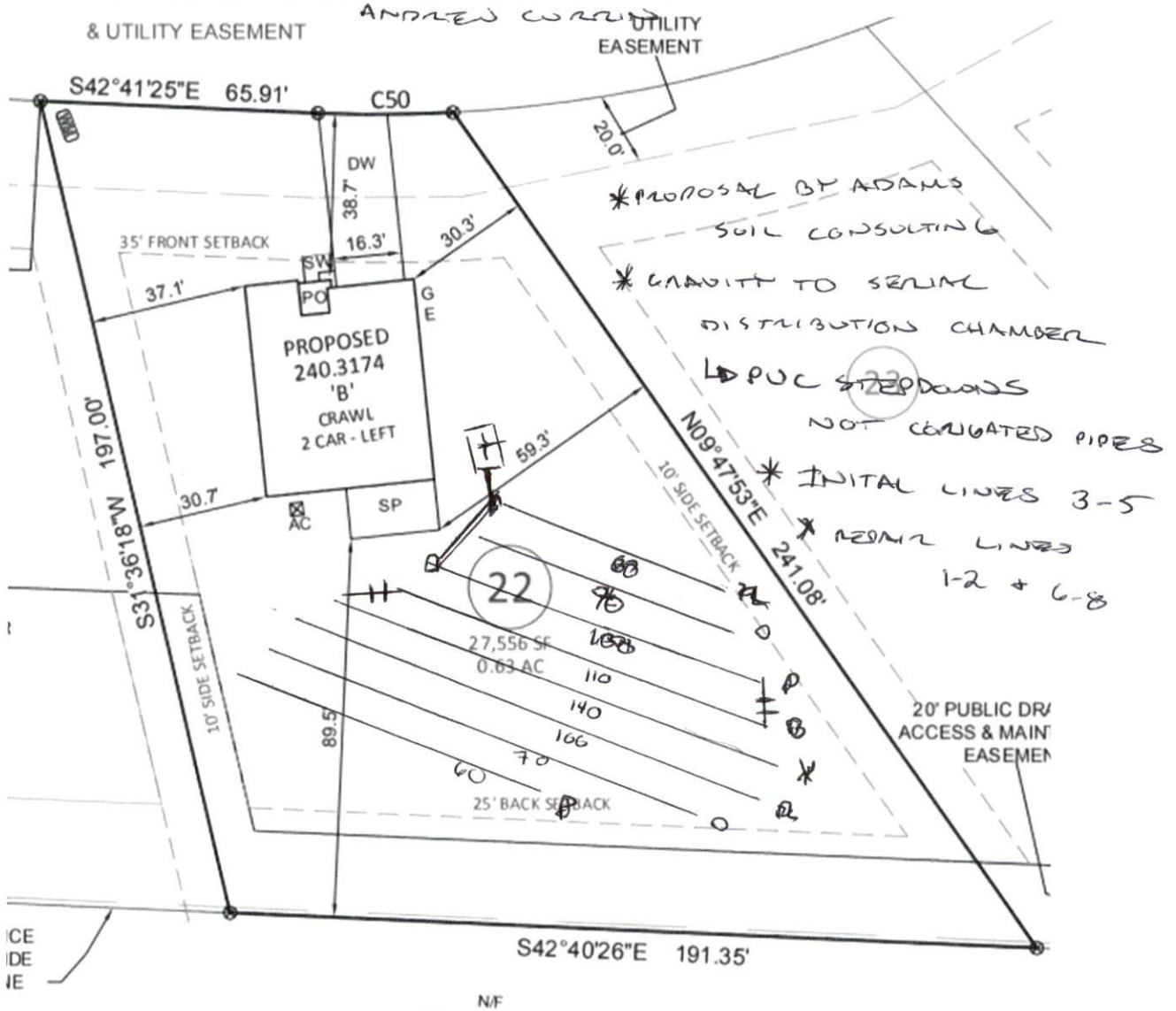
Issued To: KB Home Raleigh-Durham Inc.

Subdivision Highland Grove

Lot # 22

Authorized State Agent: _____

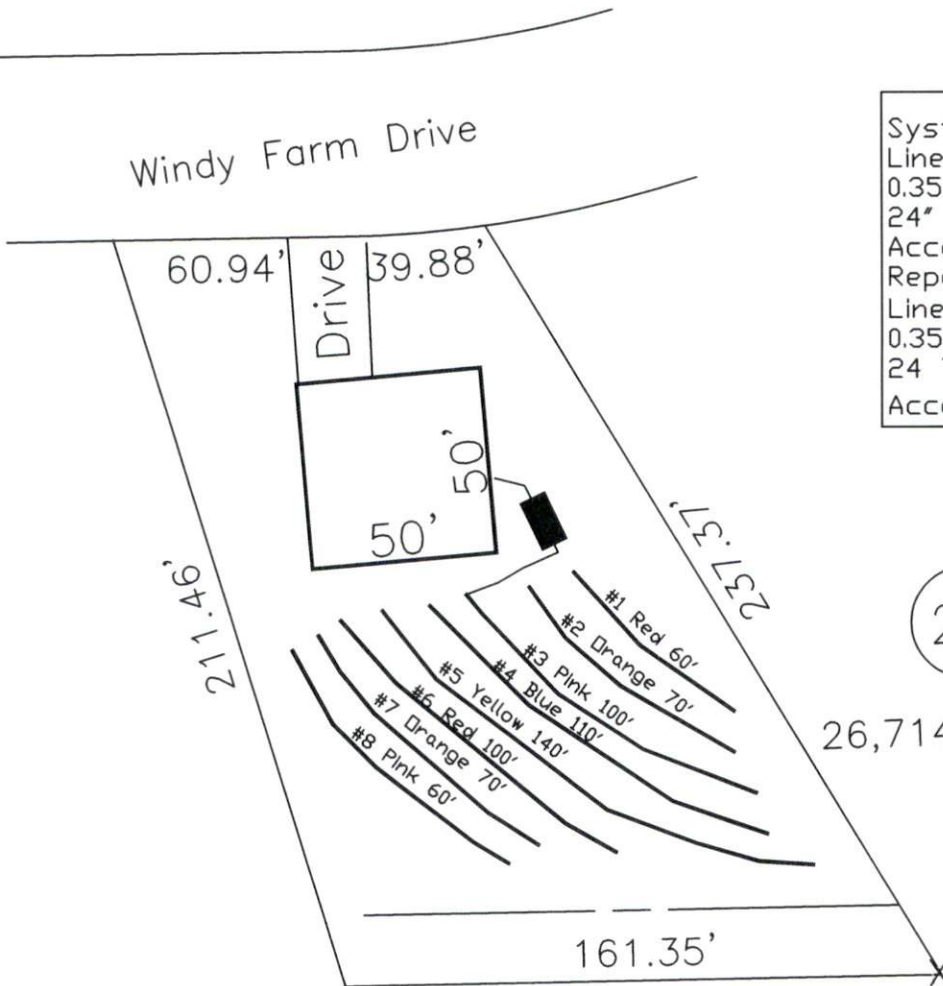
Date: 07/01/2021



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

Highland Grove
 4-Bedroom Septic Proposal
 Lot #22

Windy Farm Drive



System: Gravity serial dist.
 Lines: 3-5 (350')
 0.35 LTAR
 24" Trench Bottom
 Accepted Status System
 Repair: Pressure Manifold
 Lines: 1-2, 6-8 (360')
 0.35 LTAR
 24 Trench Bottom
 Accepted Status System

22

26,714 SQ.FT.

*If plumbing is not sufficient
 a seperate pump and tank may
 be required.

GRAPHIC SCALE
 1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #561

Highland Grove

Lot #22

4-Bedroom (480 gallons/day)

<u>LINE #</u>	<u>COLOR</u>	<u>BS</u>	<u>HI</u>	<u>FS</u>	<u>ELEVATION</u>	<u>LINE LENGTH</u>	<u>Design Length</u>
TBM		0.0		100.0		<u>in field</u>	<u>installation</u>
INST. 1			100.0				
1	Red			3.3	96.7	60	60
2	Orange			4.3	95.7	70	70
3	Pink			5.3	94.7	100	100
4	Blue			6.1	93.9	112	110
5	Yellow			6.9	93.1	140	140
6	Red			7.9	92.1	103	100
7	Orange			8.6	91.4	70	70
8	Pink			9.8	90.2	63	60
9	Yellow			10.9	89.1	60	not used
Total						778	710

	<u>System</u>	<u>Repair</u>
	Lines 3-5	Lines 1-2, 6-8
System Type	Accepted Status System	Accepted Status System
Suggested Soil LTAR	0.35	0.35
Total Line Length	350	360
Square Footage	1050	1080
Proposed Trench Bottom	24"	24"
Distribution Method	Pump to serial dist.	Pressure Manifold

Maintain all required setbacks