

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: 599 Windy Farm Ln. (Christian Lt. Rd. - SF
 SUBDIVISION Highland Grove LOT # 21
 NEW REPAIR EXPANSION
 Type of Structure: 38x41 sfd, 3 beds 3 baths 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
 Permit conditions: _____ No expiration

Authorized State Agent: [Signature] Date: 07/12/2021 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: y Farm Ln. (Christian Lt. Rd. - SR 1412)
 SUBDIVISION Highland Grove LOT # 21
 Facility Type: 38x41 sfd, 3 beds 3 baths New Expansion Repair
 Basement? Yes No Basement Fixtures? Yes No
 Type of Wastewater System** 50% REDUCTION VERTICAL VENTURE PPBPS (Initial) Wastewater Flow: 360 GPD
 (See note below, if applicable 50% RED. VERTICAL VENTURE PPBPS (Repair)
 Installation Requirements/Conditions
 Septic Tank Size 1000 gallons Number of trenches 4
 Pump Tank Size 1000 gallons Exact length of each trench 45 feet Trench Spacing: 8 Feet on Center
 Trenches shall be installed on contour at a Soil Cover: 6(M.I.D) 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 Aggregate Depth: NA inches below pipe
 _____ inches above pipe
 Conditions: PROPOSAL BY ADAMS SOIL CONSULTING _____ 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

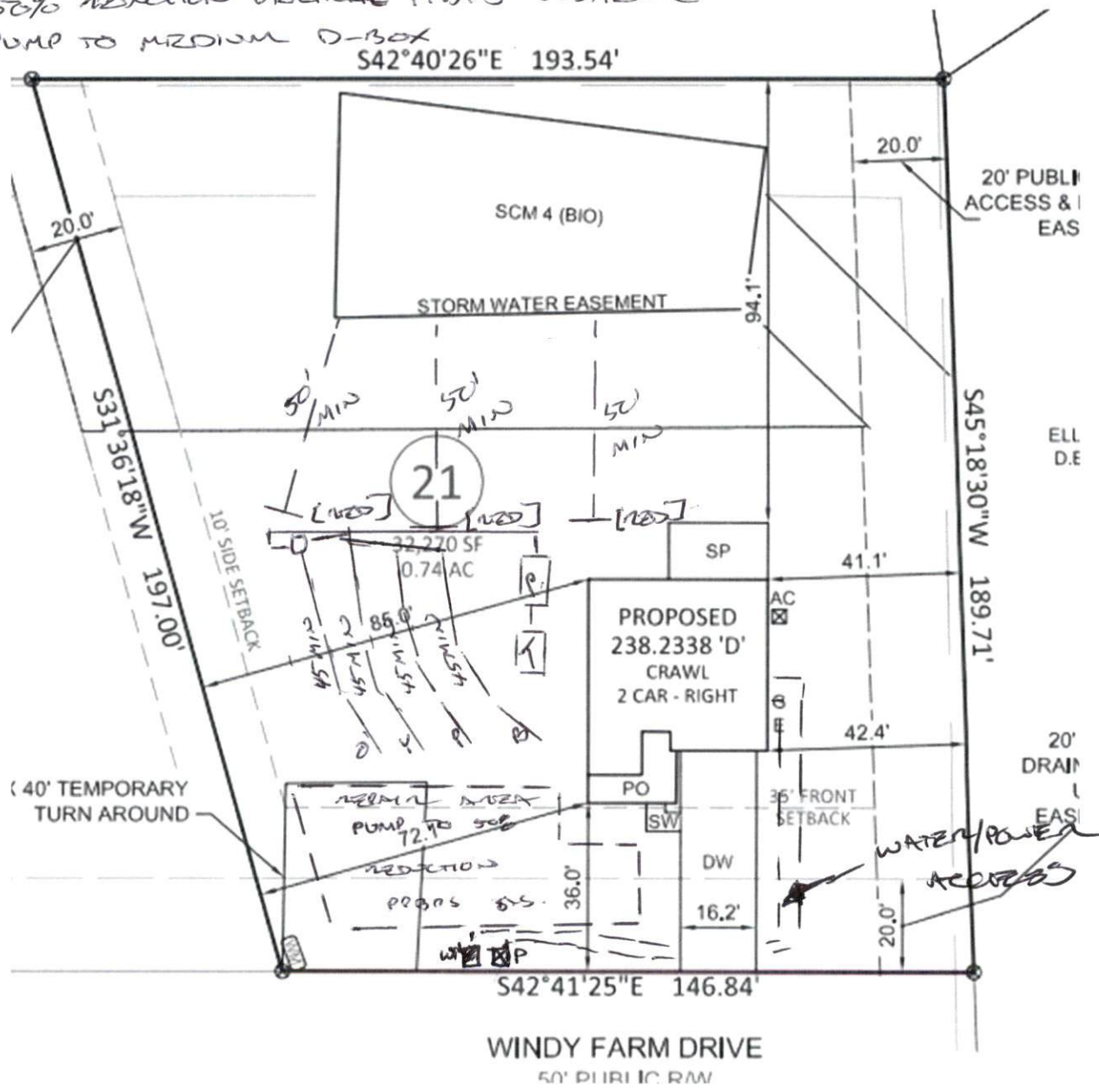
Authorized State Agent: [Signature] Date: 07/12/2021
ADAMSON CONSULTING Construction Authorization Expiration Date: 07/12/2026

Harnett County Department of Public Health Site Sketch

Property Location: 599 Windy Farm Ln. (Christian Lt. Rd. - SR 1412)
 Issued To: KB Home Raleigh-Durham Inc. Subdivision Highland Grove Lot # 21

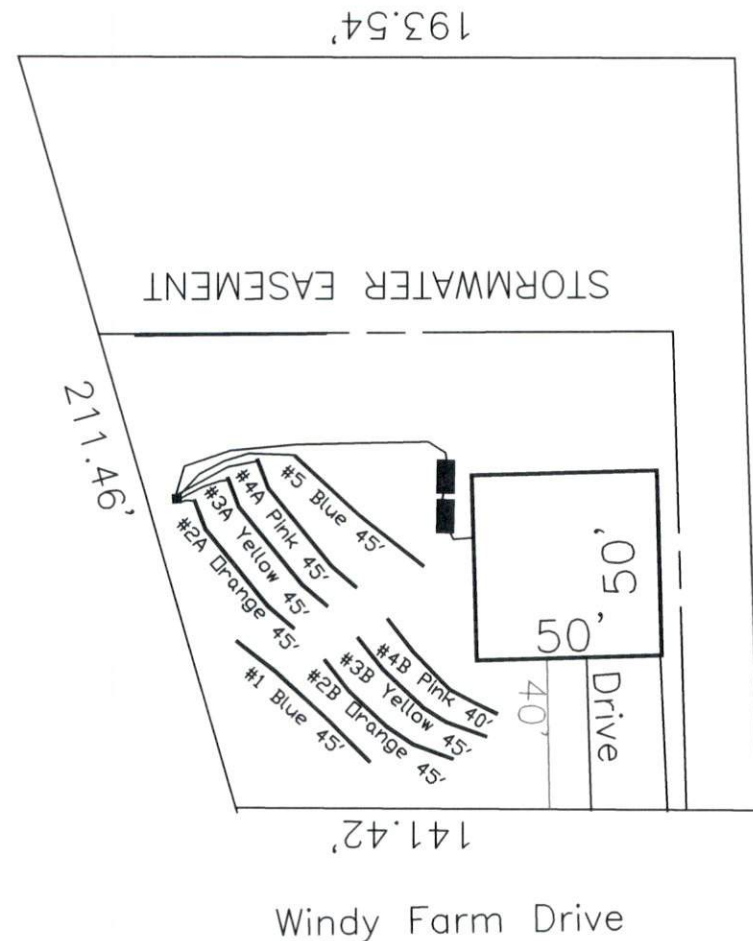
Authorized State Agent: [Signature] Date: 07/12/2021

- * PROPOSAL BY ADAMS SOIL CONSULTING
- * 50% REDUCTION VERTICAL PEBS SYSTEM
- * PUMP TO MEDIUM D-BOX



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

Highland Grove 3-Bedroom Septic Proposal Lot #21



21

System: Pump to D-Box
 Lines: 2A, 3A, 4A, 5 (180')
 0.35 LTAR
 24" Trench Bottom
 T&J Panel - 50% reduction
 Repair: Pressure Manifold
 Lines: 1, 2B, 3B, 4B (175')
 0.35 LTAR
 24" Trench Bottom
 T&J Panel - 50% Reduction

GRAPHIC SCALE
 1" = 50'



Adams
 Soil Consulting
 919-414-6761
 Job #561

Highland Grove

Lot #21

3-Bedroom (360 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	Blue			1.9	98.1	45	45
2A	Orange			2.2	97.8	45	45
2B	Orange			2.2	97.8	45	45
3A	Yellow			2.5	97.5	45	45
3B	Yellow			2.5	97.5	45	45
4A	Pink			2.8	97.2	45	45
4B	Pink			2.8	97.2	40	45
5	Blue			2.9	97.1	45	40
6	Orange			3.1	96.9	30	not used
Total						385	355

	<u>System</u>	<u>Repair</u>
System Type	Lines 2A, 3A, 4A, 5 T&J Panel 50% Reduction System	Lines 1, 2B, 3B, 4B, T&J Panel 50% Reduction System
Suggested Soil LTAR	0.35	0.35
Total Line Length	180	175
Square Footage	540	525
Proposed Trench Bottom	24"	24"
Distribution Method	Pump to D- Box	Pressure Manifold

Maintain all required setbacks