

## Harnett County Environmental Health

File/Permit Number: SFD2502-0066

### IMPROVEMENT PERMIT

County: Harnett

PIN/Lot Identifier: 0633-03-1047.000 Lot 16

Owner: HHHUNT HOMES RALEIGH-DURHAM LLC Applicant: HHHUNT HOMES RALEIGH-DURHAM LLC

Property Location: 842 MAGNOLIA ACRES LN FUQUAY-VARINA, NC 27526

Subdivision (if applicable) MAGNOLIA ACRES S/D Lot #: Lot 16 Block: \_\_\_\_\_ Section: \_\_\_\_\_

New ☒ Expansion ☐ System Relocation ☐ Change of Use ☐

Facility Type: SFD 38.5' x 48.75'

Number of bedrooms: 4 Number of Occupants: 8 Other: \_\_\_\_\_

Design Wastewater Strength: ☒ Domestic ☐ High Strength ☐ Industrial Process Wastewater

Proposed Design Daily Flow: 480 GPD Proposed LTAR (Initial): .3 Proposed LTAR (Repair): .3

Proposed Wastewater System Type\*: 25% Reduction System (Initial) Pump Required: ☐ Yes ☐ No ☒ May be required

Proposed Wastewater System Type\*: 50% Reduction System. (Repair) Pump Required: ☐ Yes ☐ No ☒ May be required

*\*Please include system classification for proposed wastewater system types in accordance with Rule .1301 Table XXXII*

Effluent Standard: ☒ DSE ☐ HSE ☐ NSF/ANSI 40 ☐ TS-I ☐ TS-II ☐ RCW

Saprolite System (Initial): ☐ Yes ☒ No Saprolite System (Repair): ☐ Yes ☒ No

Fill System (Initial): ☐ Yes ☒ No If yes, specify: ☐ New ☐ Existing (when adding more than 6 inches of fill to system area provide a fill plan)

Fill System (Repair): ☐ Yes ☒ No If yes, specify: ☐ New ☐ Existing (when adding more than 6 inches of fill to system area provide a fill plan)

Usable Depth to LC (Initial)\*: 40" Usable Depth to LC (Repair)\*: 40" \* Limiting Condition

Max. Trench Depth (Initial)\*: 18"-26" Max. Trench Depth (Repair)\*: 18"-26" \* Measured on the downhill side of the trench

Artificial Drainage Required: ☐ Yes ☒ No If yes, please specify details: \_\_\_\_\_

Type of Water Supply: ☐ Private well ☐ Public well ☐ Shared well ☒ Municipal Supply ☐ Spring ☐ Other: \_\_\_\_\_

Drainfield location meets requirements of Rule .0508: Yes ☒ No ☐ Drainfield location meets requirements of Rule .0601: Yes ☒ No ☐

Permit valid for: ☒ Five years [site plan submitted pursuant to GS 130A-334(13a)] ☐ No expiration [plat submitted pursuant to GS 130A-334(7a)]

**Permit conditions:**

No Foundation or gutter Drains to be Directed Towards Septic Layout.

No Cutting or Grading of soil in Septic or Septic Repair Area.

Authorized Agent's Printed Name: Ren LevoczExpiration Date: 3-18-30Authorized Agent's Signature: Date: 3-18-25**\*See attached site sketch\***

The issuance of this permit 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 permit 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 15A NCAC 18E and to the conditions of this permit.

# Harnett County Environmental Health

File/Permit Number: SFD2502-0066

## CONSTRUCTION AUTHORIZATION

County: Harnett PIN/Lot Identifier: 0633-03-1047.000 Lot 16  
Owner: HHHUNT HOMES RALEIGH-DURHAM LLC Applicant: HHHUNT HOMES RALEIGH-DURHAM LLC  
Property Location: 842 MAGNOLIA ACRES LN FUQUAY-VARINA, NC 27526  
Facility Type: SFD 38.5' x 48.75'  
Number of bedrooms: 4 Number of Occupants: 8 Other: \_\_\_\_\_  
☒ New ☐ Expansion ☐ Repair ☐ System Relocation ☐ Change of Use  
Basement? ☐ Yes ☒ No Basement Fixtures? ☐ Yes ☒ No  
Crawl Space? ☒ Yes ☐ No Slab Foundation? ☐ Yes ☒ No  
Type of Wastewater System\* 25% Reduction System (Initial) 50% Reduction System. (Repair)

\*Please include system classification for proposed wastewater system types in accordance with Rule .1301 Table XXXII

Design Daily Flow: 480 GPD Wastewater Strength: ☒ Domestic ☐ High Strength ☐ Industrial Process Wastewater

Rule .0403(e) Engineering Design Utilizing Low-flow Fixtures and Low-flow Technologies (S.L. 2013-413 and 2014-120)? ☐ Yes ☐ No  
(if yes, please provide engineering documentation)

Effluent Standard: ☒ DSE ☐ HSE ☐ NSF/ANSI 40 ☐ TS-I ☐ TS-II ☐ RCW

Type of Water Supply: ☐ Private well ☐ Public well ☐ Shared well ☒ Municipal Supply ☐ Spring ☐ Other: \_\_\_\_\_

### Installation Requirements/Conditions

Septic Tank Size: 1,000 gallons Total Trench/Bed Length: 400' feet Trench/Bed Spacing: 9' feet on center  
Trench/Bed Width: 36" inches LTAR: .3 gpd/ft<sup>2</sup> Usable Depth to LC (Initial)\*: 40" <sup>\*Limiting condition</sup>  
Soil Cover: 6" inches Slope Corrected Maximum Trench/Bed Depth\*: 18"-26" inches <sup>\* Measured on the downhill side of the trench</sup>

Pump Tank Size (if applicable): \_\_\_\_\_ gallons Requires more than one pump? ☐ Yes ☐ No

Pump Requirements: \_\_\_\_\_ ft. TDH vs. \_\_\_\_\_ GPM Grease Trap Size (if applicable): \_\_\_\_\_ gallons

Distribution Method: ☐ Serial ☒ D-Box or Parallel ☐ Pressure Manifold(s) ☐ LPP ☐ Other: 4 - 100' Lines

Artificial Drainage Required: Yes ☐ No ☒ If yes, please specify details: \_\_\_\_\_

**Legal Agreements** (If the answer is "Yes" to any type of legal agreements, please attach a copy of the agreement.)

Multi-party Agreement Required [Rule .0204(g)]: ☐ Yes ☐ No

Easement, Right-of-Way, or Encroachment Agreement Required [Rule .0204(d)]: ☐ Yes ☐ No

Declaration of Restrictive Covenants: ☐ Yes ☐ No

Pre-Construction Conference Required: Yes ☐ No ☒

Management Entity Required: ☐ Yes ☐ No Minimum O&M Requirements: \_\_\_\_\_

Conditions: No Foundation or gutter Drains to be Directed Towards Septic Layout.

No Cutting or Grading of soil in Septic or Septic Repair Area.

The requirements of 15A NCAC 18E are incorporated by reference into this permit and shall be met. Systems shall be installed in accordance with the attached site sketch. This Construction Authorization is subject to revocation if the site plan, plat, or the intended use changes. The Construction Authorization shall not be affected by a change in ownership of the site. This Construction Authorization is subject to compliance with the provisions of 15A NCAC 18E, or 15A NCAC 18A .1900, as applicable, and to the conditions of this permit.

Authorized Agent's Printed Name: Ren Levocz

Expiration Date: 3-18-30

Authorized Agent's Signature: 

Date: 3-18-25

**\*See attached site sketch\***

## Harnett County Environmental Health

### SITE SKETCH

PIN 0633-03-1047.000

Permit Number SFD2502-0066

HHHUNT HOMES RALEIGH-DURHAM

Applicant's Name

[Signature] REFUSE  
Authorized State Agent

MAGNOLIA ACRES S/D Lot 16

Subdivision/Section/Lot Number

3-18-25

Date

System components represent approximate contours only. The contractor must flag the system prior to beginning the installation to ensure that the proper grade is maintained.

Scale = NTS

*\* Follow consultants layout*



4-Bedroom  
 LTAR: 0.3 gpd/ft<sup>2</sup>  
 Initial: Gravity-to-Innovative 25%  
 Reduction Status Product utilizing  
 lines 4-7 (400')  
 Repair: Gravity-to-PPBPS utilizing  
 lines 1-3 (270')

MENT  
 /EN  
 ARK

SITE  
 BOUNDARY

15

283.50'

16

MAGNOLIA ACRES LANE

50' BUFFER

Initial septic drainfield

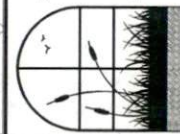
Repair septic drainfield

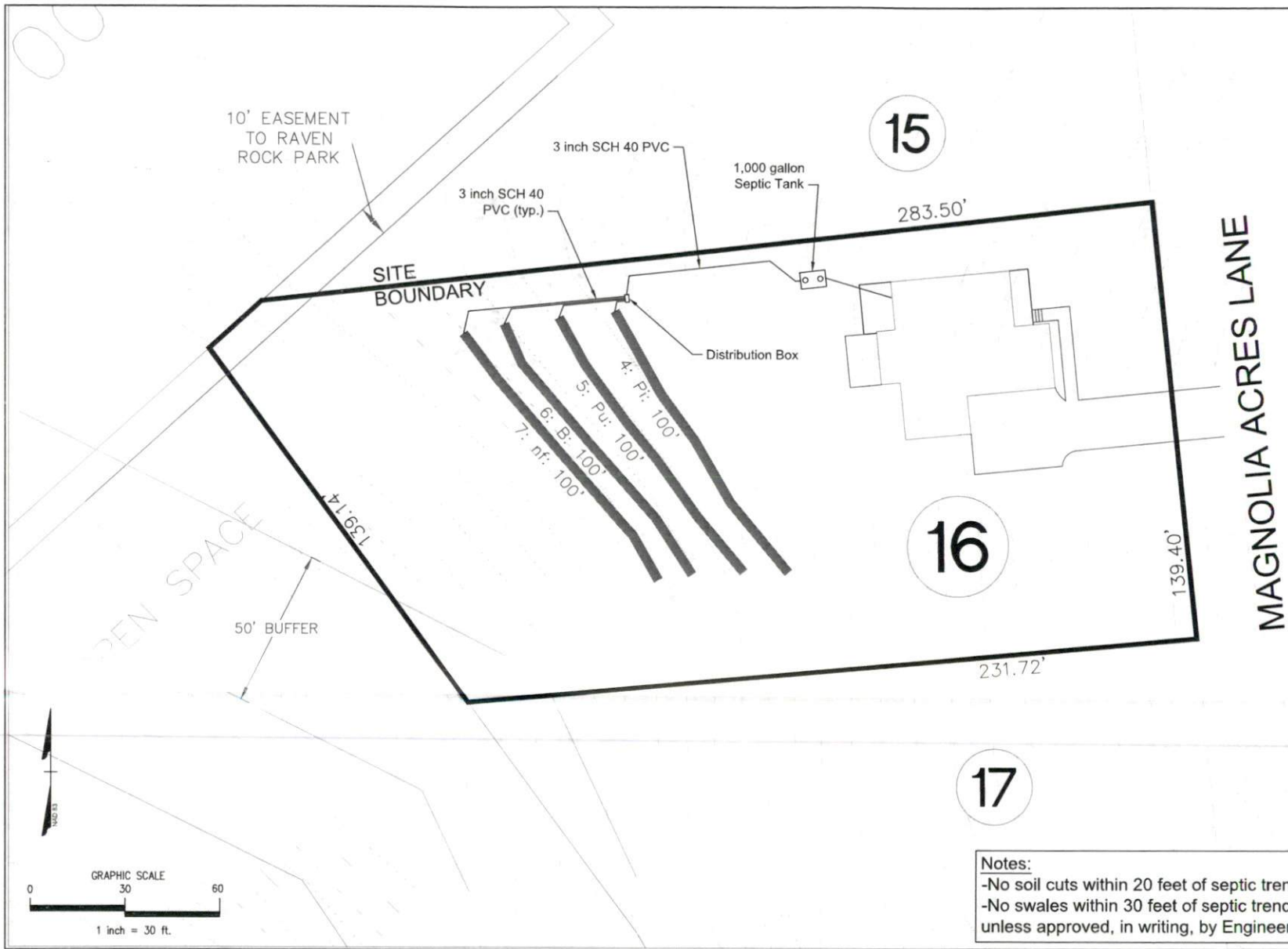
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Notes:


- No soil cuts within 20 feet of septic trenches.
- No swales within 30 feet of septic trenches unless approved, in writing, by Engineer.

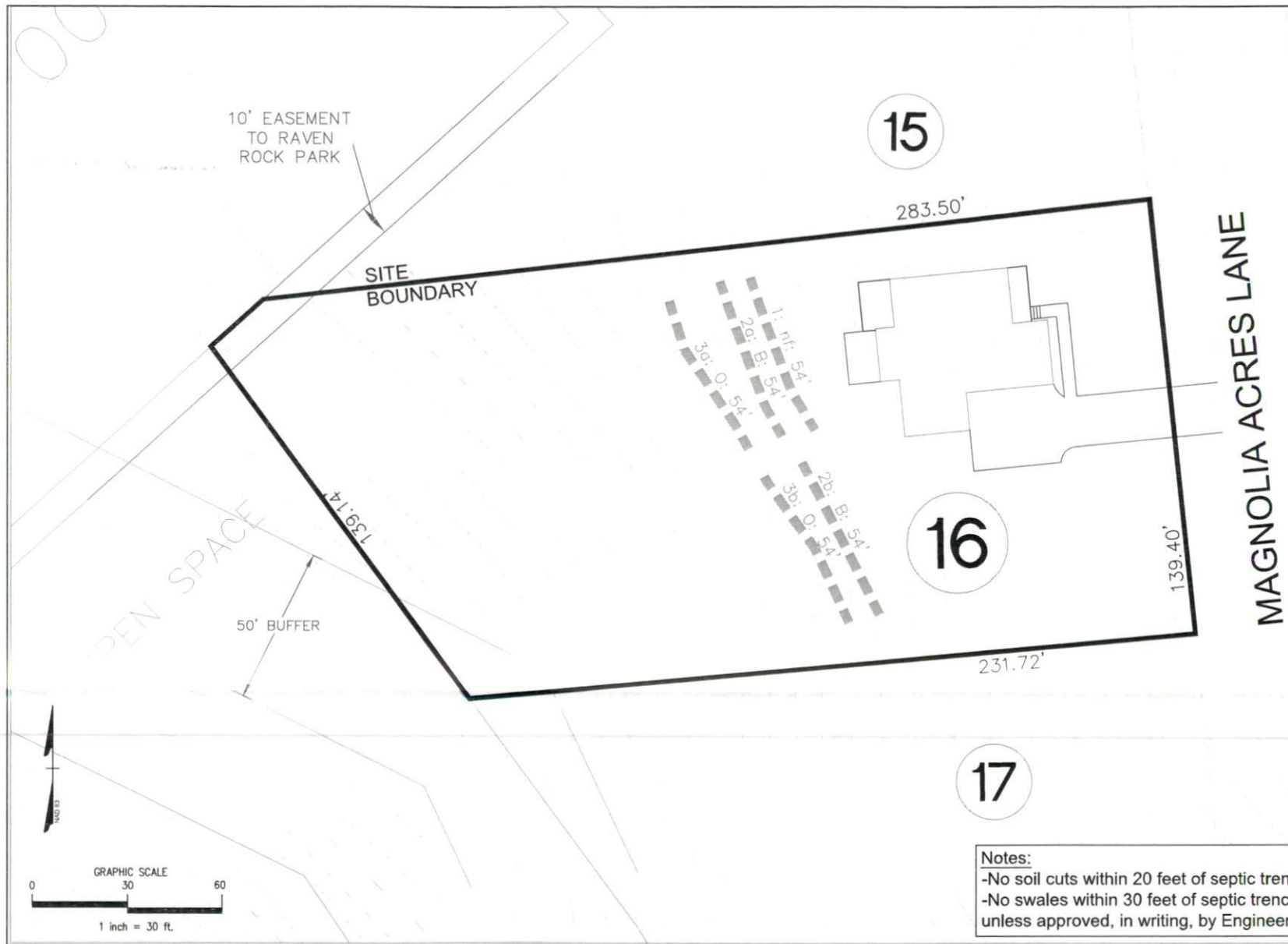
MITCHELL ENVIRONMENTAL, PA C-2917 1501 LAKESTONE VILLAGE LANE SUITE 205 FUQUAY VARINA, NC 27526	PREPARED FOR : 1 Fernco Main Street Suite 280 Cary, NC 27511	REVISION NO. Original Submitted Revision 1 Revision 2 Revision 3 Master Set	DATE February 4, 2025	SHEET NUMBER 1 of 5	Magnolia Acres Lot 16 Overall Septic





**Notes:**  
 -No soil cuts within 20 feet of septic trenches.  
 -No swales within 30 feet of septic trenches unless approved, in writing, by Engineer.

	<b>MITCHELL ENVIRONMENTAL, PA</b> <b>C-2911</b>		PREPARED FOR: 1501 Lakestone Street Suite 205 Fuquay Varina, NC 27526	HHBurt, Thomas 1501 Lakestone Street Suite 205 Cary, NC 27511	REVISION NO. Original Submitted Revision 1 Revision 2 Revision 3 Master Set	DATE February 4, 2025	<b>SHEET NUMBER</b>  <b>2 of 5</b>
	<b>1501 LAKESTONE VILLAGE LANE</b> <b>SUITE 205</b> <b>FUQUAY VARINA, NC 27526</b>		DATE: February 4, 2025 DESIGNER CONTACT: ADAM AYCOCK, EIT DRAWN BY: ADAM AYCOCK, EIT				
							<b>Magnolia Acres</b> <b>Lot 16</b> <b>Initial Nitrogenation Field</b>



**Notes:**  
 -No soil cuts within 20 feet of septic trenches.  
 -No swales within 30 feet of septic trenches unless approved, in writing, by Engineer.

<b>MITCHELL ENVIRONMENTAL, PA</b> C-2911 1501 LAKESTONE VILLAGE LANE SUITE 205 FUQUAY VARINA, NC 27526	PREPARED FOR : 1501 Lakestone Village Lane Suite 205 Fuquay Varina, NC 27526	PREPARED BY: ADAM AYCOCK, EIT	DATE : February 4, 2025	REVISION NO. Original Submittal	DATE February 4, 2025	SHEET NUMBER 3 of 5
				Revision 1		
				Revision 2 Revision 3 Master Set		Magnolia Acres Lot 16 Repair Nitro/Location Field

