

# Harnett County Environmental Health

File/Permit Number: SFD2312-0190

## IMPROVEMENT PERMIT

County: Harnett

PIN/Lot Identifier: Lot 18

Owner: Stancil Builders INC Applicant: New Home INC

Property Location: 23 Avents Creek, Fuquay Varina, NC 27526, SR 1417 Bakertown Rd

Subdivision (if applicable) Wood Bridge South Lot #: 18 Block: \_\_\_\_\_ Section: \_\_\_\_\_

New  Expansion  System Relocation  Change of Use

Facility Type: SFD 50' X 70'

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): .35 Proposed LTAR (Repair): .35

Proposed Wastewater System Type\*: Low Profile Chambers (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)\*: 21' Usable Depth to LC (Repair)\*: 36" *\* Limiting Condition*

Max. Trench Depth (Initial)\*: 12" Max. Trench Depth (Repair)\*: 18"- 20" *\* 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 system.

Authorized Agent's Printed Name: JAMES E MANHART III DEHS

Expiration Date: 2-5-29

Authorized Agent's Signature: James E Manhart III DEHS

Date: 2-5-24

**\*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: SFD2312-0190

## CONSTRUCTION AUTHORIZATION

County: Harnett PIN/Lot Identifier: Lot 18  
 Owner: Stancil Builders INC Applicant: New Home INC  
 Property Location: 23 Avents Creek, Fuquay Varina, NC 27526, SR 1417 Bakertown Rd  
 Facility Type: SFD 50' X 70'

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\*      Low Profile Chambers (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: 458' feet      Trench/Bed Spacing: 9' feet on center  
 Trench/Bed Width: 36" inches      LTAR: .35 gpd/ft<sup>2</sup>      Usable Depth to LC (Initial)\*: 21" <sup>\*Limiting condition</sup>

Soil Cover: 6" inches      Slope Corrected Maximum Trench/Bed Depth†: 12" inches      † **Measured on the downhill side of the trench**

Pump Tank Size (if applicable): 1,000 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: Low Profile Chambers - 458'

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 system.

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: JAMES E MANHART III RAAS      Expiration Date: 2-5-29

Authorized Agent's Signature: James E Manhart III RAAS      Date: 2-5-24

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

# Harnett County Environmental Health

## SITE SKETCH

PIN \_\_\_\_\_

Permit Number SFD2312-0190

New Home INC

Applicant's Name

James E. Marshall #28745  
Authorized State Agent

Wood Bridge South/ Lot 18

Subdivision/Section/Lot Number

2-5-24

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 = 1" = 40'

