

# Harnett County Environmental Health

File/Permit Number: SFD2401-0029

## IMPROVEMENT PERMIT

County: Harnett  
PIN/Lot Identifier: 9681-60-3739  
Owner: Smith Douglas Homes Applicant: Jenn Davis  
Property Location: 189 Liam Dr (SR 1279)  
Subdivision (if applicable) Harrington PI Lot #: 27 Block: \_\_\_\_\_ Section: \_\_\_\_\_  
New  Expansion  System Relocation  Change of Use   
Facility Type: 34'x47' SFD  
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): .4 Proposed LTAR (Repair): .4  
Proposed Wastewater System Type\*: 25% reduction (Initial) Pump Required:  Yes  No  May be required  
Proposed Wastewater System Type\*: 25% reduction (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)\*: 34" Usable Depth to LC (Repair)\*: 34" \* Limiting Condition  
Max. Trench Depth (Initial)\*: 22" Max. Trench Depth (Repair)\*: 22" \* 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 Gutter or Foundation Drains shall empty onto drain field**  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Authorized Agent's Printed Name: Mark Osborne REHS Expiration Date: 02-22-29  
Authorized Agent's Signature: [Signature] REHS Date: 02-22-24

**\*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: SFD2401-0029

## CONSTRUCTION AUTHORIZATION

County: Harnett PIN/Lot Identifier: 9681-60-3739  
Owner: Smith Douglas Homes Applicant: Jenn Davis  
Property Location: 189 Liam Dr (SR 1279)  
Facility Type: 34'x47' SFD

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 (Initial)    25% reduction (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: 1000 gallons    Total Trench/Bed Length: 300 feet    Trench/Bed Spacing: 9 feet on center  
Trench/Bed Width: 36 inches    LTAR: .4 gpd/ft<sup>2</sup>    Usable Depth to LC (Initial)\*: 34" <sup>\*Limiting condition</sup>  
Soil Cover: 6 inches    Slope Corrected Maximum Trench/Bed Depth<sup>†</sup>: 22 inches    <sup>† Measured on the downhill side of the trench</sup>  
Pump Tank Size (if applicable): 1000 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: \_\_\_\_\_  
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: \_\_\_\_\_

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: Mark Osborne REHS    Expiration Date: 02-22-29  
Authorized Agent's Signature: [Signature]    Date: 02-22-24

\*See attached site sketch\*



# Harnett County Environmental Health

## SITE SKETCH

PIN 9681-60-3739

Permit Number SFD2401-0029

Jenn Davis

Harrington PI / Lot 27

Applicant's Name

Subdivision/Section/Lot Number

Mark Osborne REHS

02-22-24

Authorized State Agent

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

