

# Harnett County Environmental Health

File/Permit Number: SFD 2407-0044

## IMPROVEMENT PERMIT

County: HARNETT

PIN/Lot Identifier: \_\_\_\_\_

Owner: SMITH Douglas Homes Applicant: JENN DAVIS

Property Location: SR 1505 PINEY GROVE RD TO 299 ORIENTAL ST

Subdivision (if applicable) TOBACCO RD Lot #: 161 Block: \_\_\_\_\_ Section: \_\_\_\_\_

New  Expansion  System Relocation  Change of Use

Facility Type: 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): \_\_\_\_\_ Proposed LTAR (Repair): \_\_\_\_\_

Proposed Wastewater System Type\*: 75% REDUCTION (Initial) Pump Required:  Yes  No  May be required

Proposed Wastewater System Type\*: 50% 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)\*: 40" Usable Depth to LC (Repair)\*: 34"-38" \*Limiting Condition

Max. Trench Depth (Initial)\*: 20 Max. Trench Depth (Repair)\*: 18 \*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: Property lines to be marked every 50' by Surveyor.

Authorized Agent's Printed Name: JAMES E MANHART III ESRS Expiration Date: 7-30-29

Authorized Agent's Signature: James E Manhart ESRS Date: 7-30-24

**\*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: SFD 2407-0044

## CONSTRUCTION AUTHORIZATION

County: HARNETT PIN/Lot Identifier: \_\_\_\_\_  
Owner: Smith Douglas Homes Applicant: JENN DAVIS  
Property Location: 51505 Penny Grove Rd to 299 Oriental St  
Facility Type: 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)    50% ZBA (PPBS) (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: 350 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)\*: 40-34 \*Limiting condition  
Soil Cover: 6 inches    Slope Corrected Maximum Trench/Bed Depth†: 20 inches    \*Measured on the downhill side of the trench  
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: \_\_\_\_\_  
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: Property lines to meet 10' setback from septic system  
Property lines NEED MARKING EVERY 50' BY SURVEYOR

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 JR    Expiration Date: 7-30-25  
Authorized Agent's Signature: James E. Manhart Jr    Date: 7-30-24

\*See attached site sketch\*

# Harnett County Environmental Health

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## SITE SKETCH

PIN \_\_\_\_\_

Permit Number \_\_\_\_\_

\_\_\_\_\_  
Applicant's Name

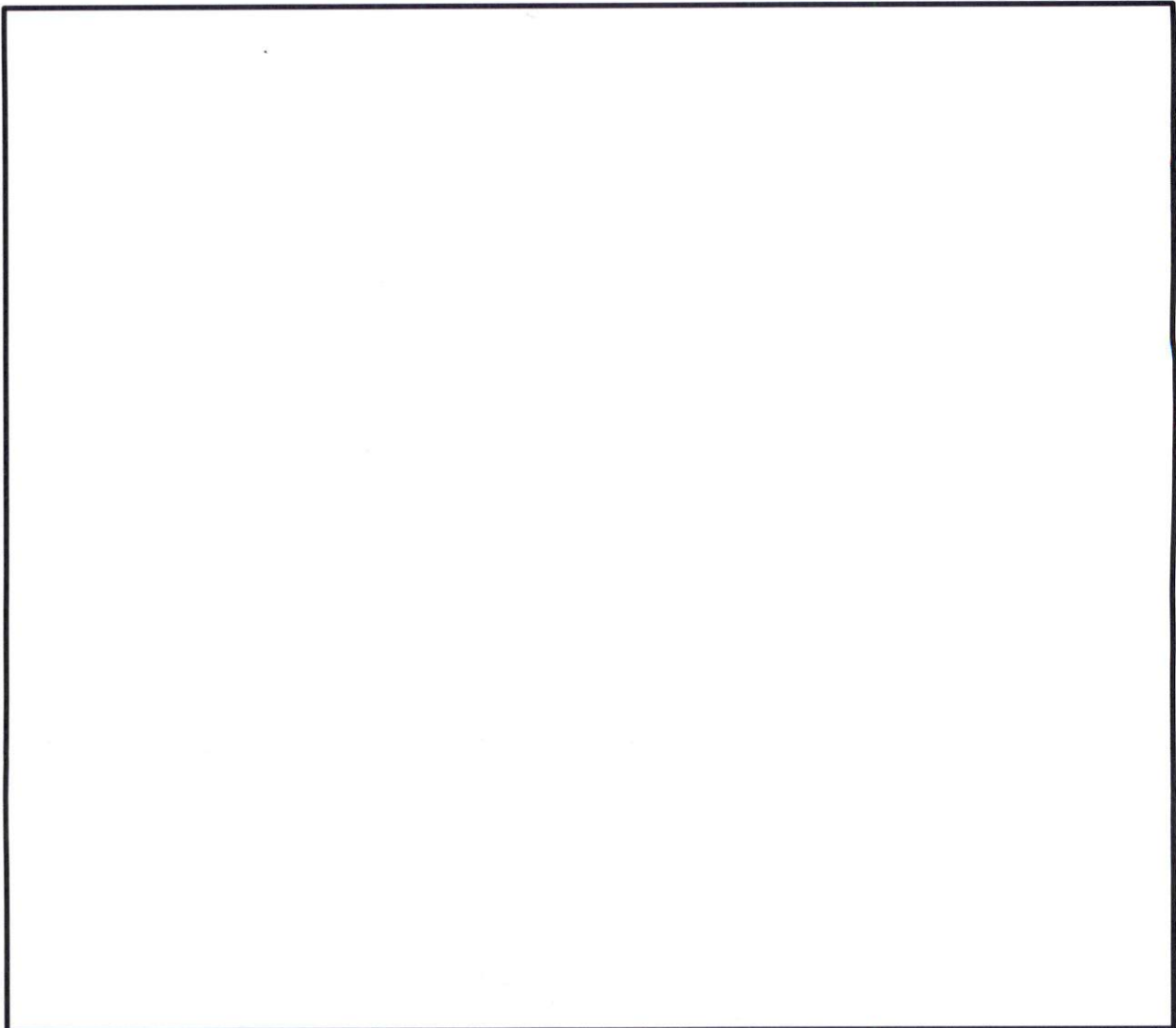
\_\_\_\_\_  
Subdivision/Section/Lot Number

\_\_\_\_\_  
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 = \_\_\_\_\_



# Harnett County Environmental Health

## SITE SKETCH

PIN \_\_\_\_\_

Permit Number SFD 2407-0044

JENN DAVIS

TOBACCO RD

Applicant's Name

Subdivision/Section/Lot Number

James E. Manhart  
Authorized State Agent

7-30-24

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 = \_\_\_\_\_

