



North Carolina Onsite Wastewater Contractor Inspector Certification Board  
 Authorized Onsite Wastewater Evaluator Permit Option for Non-Engineered Systems  
 Notice of Intent (NOI) to Construct

New     Expansion     Repair     Relocation     Relocation of Repair Area

Owner or Legal Representative Information: Teri Treffzs

Name: Drees Homes Company

Mailing address: 211 Grandview Drive - Suite 102 City: Ft. Mitchell State: KY Zip: 41017

Phone: 919-256-5478

Email: ttreffzs@dreeshomes.com

Authorized Onsite Wastewater Evaluator Information:

Name: Alex Adams

Certification #: AOWE# 10021E

Mailing address: 1676 Mitchell Road City: Angier State: NC Zip: 27501

Phone: 919-414-6761

Email: alexadams@bcsoil.com

Site Location Information:

Site address: Lot #63 (Tobacco Road) Grading Stick Ct. - Angier, NC 27501

Tax parcel identification number or subdivision lot, block number of property: PIN# 0693-25-9658

County: Harnett

System Information: Accepted Status

Wastewater System Type: Type III (g)

Daily Design Flow: 600 gallons/day

Saprolite System:  Yes  No    Subsurface Operator Required:  Yes  No

Water Supply Type:  Private Well  Public Water Supply  Spring  Other:

Facility Type:

Residential    5 # Bedrooms    10 Maximum # of Occupants

Business    Type of Business and Basis for Flow: \_\_\_\_\_

Public Assembly    Type of Public Assembly and Basis for Flow: \_\_\_\_\_

Require Attachments:

Plat or Siteplan

Evaluation of Soil and Site Features by Licensed Soil Scientist

Attest: On this the 24th Day of May 2024 by signature below I hereby attest that the information required to be included with this NOI to Construct is accurate and complete to the best of my knowledge. Furthermore, I hereby attest that I have adhered to the laws and rules governing onsite wastewater systems in the state of North Carolina.

This NOI shall expire on 24th day of May 2029.

Signature of Authorized Onsite Wastewater Evaluator: \_\_\_\_\_

*Alex Adams*  
 DocuSigned by:

Signature of Owner or Legal Representative: \_\_\_\_\_

*Bradley Weekley*

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Disclosure: The owner may apply for a building permit for the project upon submitting a complete NOI to Construct and the fee required (if any) to the local health department. An onsite wastewater system authorized by an authorized onsite wastewater evaluator shall be transferable to a new owner with the consent of the authorized onsite wastewater evaluator.

Local Health Department Receipt Acknowledgement:

Signature of Local Health Department Representative: \_\_\_\_\_ Date: \_\_\_\_\_

**Adams Soil Consulting, PLLC**  
**1676 Mitchell Road**  
**Angier, NC 27501**  
**919-414-6761**  
**alexadams@bcsoil.com**

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May 3, 2024  
Project #1215

*“This AOWE/PE submittal is pursuant to and meets the requirements of G.S. 130A-336.2*

RE: Tobacco Road -Lot #63, Grading Stick Ct. - Angier, NC - 5-bedroom Single Family Residence (PIN# 0693-25-9658)

To whom it may concern:

Adams Soil Consulting (ASC) conducted a preliminary soil evaluation on the above referenced parcel to determine the areas of soils which are suitable for subsurface wastewater disposal systems (conventional & LPP). The soil/site evaluation was performed using hand auger borings during moist soil conditions based on the criteria found in the State Subsurface Rules 15ANCAC 18E. From this evaluation, ASC is providing the attached septic system design for a new single-family home sized for a 600 gallon/day septic system.

The suitable soils found on the subject property were somewhat variable in the initial and repair areas. The area designated for the initial/primary septic system (see attached septic plan) was found to contain soils with greater than 24 inches in depth before a restrictive horizon was encountered.

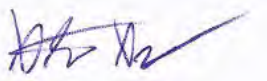
The initial and primary septic fields for the new home were sized based on a flow rate of 600 gallons/day and utilizing Accepted Status system for the initial and a PPBPS repair system. Any unauthorized site disturbance, filling, soil removal, or layout changes may result in the permit being revoked.

The septic installer contractor shall install the repair (if needed) system on contour, see attached site plan for the primary system and repair. No underground utilities, water lines, or sprinkler systems shall be placed into the initial or repair septic areas. Installation must meet all state and local county regulations for septic system installation. The trenches must be installed in the same location as the site plan. If flags trench flags are missing at the time of installation, they must be remarked by Adams Soil Consulting staff. Contact Alex Adams at 919-414-6761. A preconstruction conference is required with the septic installer prior to construction activities at least 14 days in advance of construction activities.

This report does not guarantee the future function of any waste water disposal system installed.

If you have any questions regarding the findings on the attached site plan or in this report, please feel free to contact me anytime.

Sincerely,



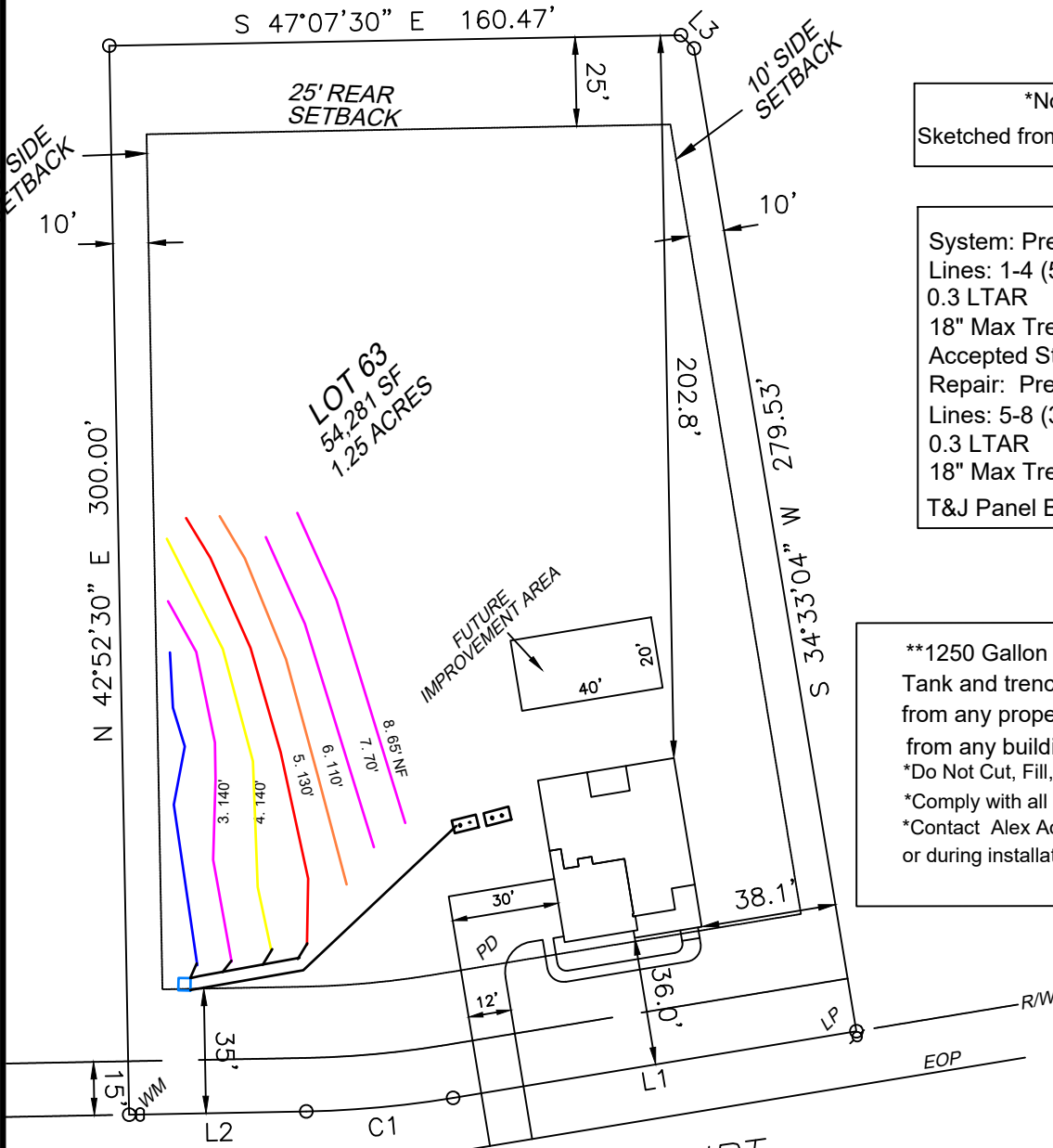
Alex Adams  
NC Licensed Soil Scientist #1247  
AOWE Certification: 10021E



Tobacco Road S/D  
 5-Bedroom Septic Design  
 Lot #63 - Looping Ct.

Drees Homes  
 Harnett County PIN: 0693-25-9658

\*Contact Alex Adams at least 10 days prior to installation.



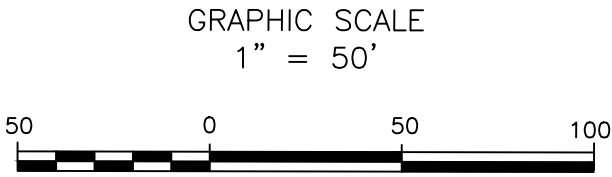
\*Not a Survey  
 Sketched from a plot plan supplied by owner

System: Pressure Manifold  
 Lines: 1-4 (510')  
 0.3 LTAR  
 18" Max Trench Bottom  
 Accepted Status System  
 Repair: Pressure Manifold  
 Lines: 5-8 (375')  
 0.3 LTAR  
 18" Max Trench Bottom  
 T&J Panel Block - 50% Reduction System

\*\*1250 Gallon Septic and Pump Tank  
 Tank and trenches to be located minimum of 10'  
 from any property line and minimum of 5'  
 from any building foundation.  
 \*Do Not Cut, Fill, or Alter Drainfield or Repair Area  
 \*Comply with all setbacks  
 \*Contact Alex Adams prior to  
 or during installation with any questions or concerns.

GRADING STICK COURT  
 (50' PUBLIC R/W &  
 UTILITY EASEMENT)

Adams  
 Soil Consulting  
 919-414-6761  
 Job #1215  
 5-24-24



# Tobacco Road Lot 63 5 BR Harnett County

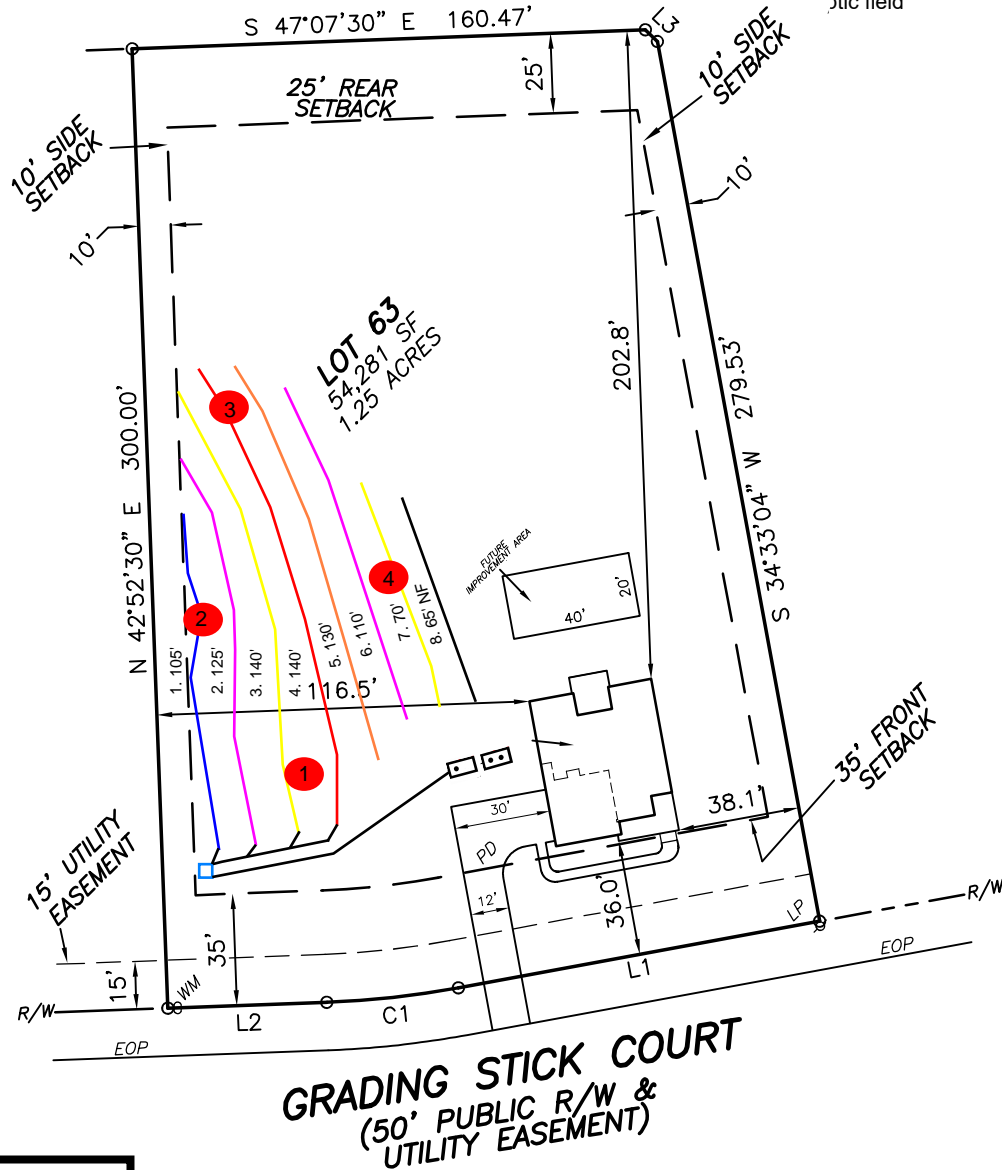
\*House footprint to be field staked by surveyor and system verified prior to any construction

\*\*Septic area must not be altered by construction activities.

\*\*\*No cuts of 2' or greater within 15' of septic area

\*\*\*\* Recommend protective barrier around septic field during construction.

\*If plumbing is not sufficient a p tank will be required toptic field



INITIAL:  
Lines 1-4 (510')  
Accepted Status  
Pressure Manifold  
REPAIR:  
Lines 5-8 (375')  
PPBPS  
Pressure Manifold



Adams  
Soil Consulting  
919-414-6761



**SOIL/SITE EVALUATION**  
**for ON-SITE WASTEWATER SYSTEM**  
 (Complete all fields in full)

OWNER: Drees Homes,  
 ADDRESS:  
 PROPOSED FACILITY: Single Family, 5-bedroom PROPOSED DESIGN FLOW (.1949): 600 gpd  
 LOCATION OF SITE: Grading Stick Ct., Angier, NC, 27501  
 WATER SUPPLY: Public Water  
 EVALUATION METHOD: Auger Boring

APPLICATION DATE:  
 DATE EVALUATED: 04/17/2024  
 PROPERTY SIZE: 1.25 Acres

TYPE OF WASTEWATER: Sewage

P R O F I L E  #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	Linear Slope/8%	0-26	GR/SL	VFR,NS,NP,SEXP	N.O	40"	N.O	N.O	P.S/.35
		26-40	SBK/SCL	FR,SS,SP,SEXP					
2	Linear Slope/8%	0-32	GR/SL	VFR,NS,NP,SEXP	N.O	40"	N.O	N.O	P.S .35
		32-40	SBK/SCL	FR,SS,SP,SEXP					
3	Linear Slope/8%	0-8	GR/SL	VFR,NS,NP,SEXP	N.O	33"	N.O	N.O	U/P.S .3
		8-33	SBK/C	FR,SS,SP,SEXP					
		33	M C	VFI, EXP					
4	Linear Slope/8%	0-28	GR/SL	VFR,NS,NP,SEXP	N.O	40"	N.O	N.O	P.S .35
		28-40	SBK/SCL	FR,SS,SP,SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	OTHER FACTORS (.1946): _____ SITE CLASSIFICATION (.1948): U/PS  EVALUATED BY: A. Adams OTHER(S) PRESENT:
Available Space (.1945)	S	S	
System Type(s)	Type III B	Type III B	
Site LTAR	0.3	0.3	

COMMENTS:  
 Updated February 2014

