# Adams Soil Consulting, PLLC 1676 Mitchell Road Angier, NC 27501 919-414-6761

alexadams@bcsoil.com

November 28, 2024 Project #1915

RE: 352 Golden Leaf Farms Road- Angier, NC 27501– (Harnett County, NC PIN# 0693-25-5751)

#### OWNER ACCEPTANCE OF SEPTIC SYSTEM

I certify that Drees Homes is accepting the subsu	urface wastewater (septic) syst	tem installed at 352
Golden Leaf Frms Road. The acceptance include	es the AOWE permit as issued	l and designed
by Adams Soil Consulting, PLLC and installed by	px Full Circle Septic.	
Owner's Representative (print):	Weekley	Bradley Weekley
Owner's Representative – (Signature Date:	Bradley Weekley 4E761125D09C444	

### Adams Soil Consulting 1676 Mitchell Road **Angier, NC 27501** 919-414-6761

November 28, 2024 Project #1907

This document is submitted in addition to the "Notice of Intent to Construct" submittal package previously supplied to the local health department in pursuant to G.S. 130A-336.1

RE: 352 Golden Leaf Farms Road - Angier, NC 27501- (Harnett County, NC PIN# 0693-25-5751)

To whom it may concern:

This letter is to notify the Harnett County Environmental Health Department that the construction of the wastewater system has been completed. The system was installed to acceptable construction standards. The installation was constructed in conformance to the original construction documents. This document may serve as "Authorization to Operate" the installed system.

#### **Operation and Management Program**

Have the effluent filter in the septic tank cleaned periodically by a professional. Have the solids pumped out of the septic tank every 3-5 years by a professional. Maintain adequate vegetative cover over the drainfield. Keep surface waters away from the tank and drainfield. Do not pour grease or oil down the sink. Contact a professional for periodic maintenance.

Alex Adams

Adams Soils Consulting, PLLC

NC Licensed Soil Scientist #1247



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

<u>x</u> New <u>Expansion Repair Relocation Relocation of Repair Area</u>
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 #49 (Tobacco Road) 352 Golden Leaf Farms Road - Angier, NC 27501 Tax parcel identification number or subdivision lot, block number of property: PIN# 0693-25-5751 County: Harnett
System Information: Accepted Status  Wastewater System Type: Type III (g)  Daily Design Flow: 600 gallons/day  Saprolite System: Yes X_No Subsurface Operator Required: Yes X_No  Water Supply Type: Private Well X_Public Water Supply Spring Other:
Facility Type: X_Residential5_# Bedrooms10 Maximum # of Occupants Business
Requird_Attachments: xPlat_or_Siteplan x Evaluation of Soil and Site Features by Licensed Soil Scientist
Attest: On this the 15th Day of October 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 15th day of October 2029.
Signature of Authorized Onsite Wastewater Evaluator:    Wlex   Wastewater Evaluator:   When   Wastewater Evaluator:   W
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:

## Adams Soil Consulting, PLLC 1676 Mitchell Road Angier, NC 27501 919-414-6761

alexadams@bcsoil.com

October 15, 2024 Project #1215

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

RE: Tobacco Road -Lot #49, 352 Golden Leaf Farms Road. - Angier, NC - 5-bedroom Single Family Residence (PIN# 0693-25-5751)

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,

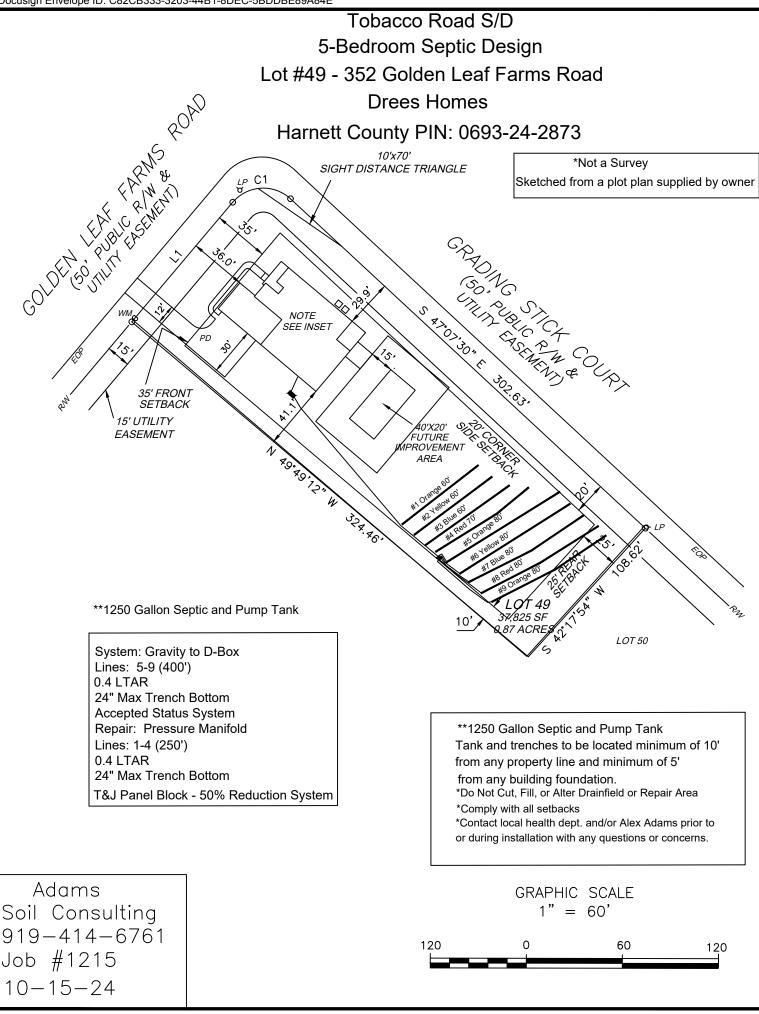
Alex Adams

NC Licensed Soil Scientist #1247 AOWE Certification: 10021E





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				 Adams S	│ Soil Consult	ing. PLLC		
Name:	Drees Home Comp	anv		P.I.N. #:	AOWE NOI - 0693-25-5751		County	Harnett
		<u>y</u>						<u>- 1 (1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</u>
Address:	352	Golden Leaf I	Farm Road		Subdiv: Tob	acco Road	Lot#:	49
# of BDR:	<u>5</u>	Daily Flow:	600	gal/day	Initial L.	T.A.R.:	0.4000	gal/day/sq.ft
					Repair L.	T.A.R.:	<u>0.4000</u>	gal/day/sq.ft
Septic Tank:	<u>1250</u>	gals	Pump Tank:	N/A	gals	Sq. Foot:	<u>1200</u>	Stone Depth:
			Li	ne Leng	ths			
line	color	rod read	Elevation	length				
1	Orange			60	Repair			
2	Yellow			60	Repair			
3	Blue			60	Repair			
4	Red			70	Repair			
5	Orange			80	Initial			
6	Yellow			80	Initial			
7	Blue			80	Initial			
8	Red			80	<i>Initial</i>			
9	Orange			80	Initial			
		total	feet =	650				
Initial Tota	al Trench Length	400	-	Initial Syste		Accepted S		-
				Initial Syste	m Max Trench De	pth:	24"	
Renair Tot	 al Trench Length	250		Renair	System Tyne:	PPBPS		
rtopan rot	ar French Length	200		Repair System Type:  Repair System Max Trench		_	24"	
				Tropan Oyst	Ciii Max Trenen D		<u> </u>	



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Adams
Soil Consulting
919-414-6761
Job #1215
10-15-24

CURVE TABLE	VICINITY MAP
CURVE         DELTA         RADIUS         ARC         CHORD         TANGENT         CHORD BRG           C1         92*41'42"         25.00'         40.45'         36.18'         26.20'         N 86*31'39" E           LINE TABLE           LINE BEARING         DISTANCE           L1         N 40*10'48" E         97.80'    PROPOSED IMPERVIOUS SURFACES:  **TOTAL LOT AREA=37,825 S.F.**  **DRIVEWAYS/ETC.=1,528 S.F.**  **DRIVEWAYS/ETC.=1,528 S.F.**  **TOTAL IMPERVIOUS AREA=5,217 S.F.**  **MAX. IMPERVIOUS AREA=5,500 S.F.**  **MAX. IMPERVIOUS AREA=5,500 S.F.**  **MAX. IMPERVIOUS AREA=5,500 S.F.**  **TOTAL IMPERVIOUS AREA=5,500 S.F.**  **MAX. IMPERVIOUS AREA=5,500 S.F.**  **TOTAL IMPERVIOUS AREA=5,500 S.F.**  **MAX. IMPERVIOUS AREA=5,500 S.F.**  **TOTAL IMPERVIOUS AREA=5,500 S.F.**  **TOTAL IMPERVIOUS AREA=5,500 S.F.**  **MAX. IMPERVIOUS AREA=5,500 S.F.*  **TOTAL IMPERVIOUS AREA=5,500 S.F.*  **TO	PENRIOGE RO  PINEY GROVE RO  SITE  BENSON RO  NOT TO SCALE
ROAD	REFERENCES: 1. D.B. 4218, PG. 193 PIN 0693-25-5751.000 PID 040693 0030 30
35' FRONT SETBACK 15' UTILITY EASEMENT	GRADING SOLVE
SETBACKS  FRONT YARD—35' SIDE YARD—10' REAR YARD—25' CORNER SIDE—20'  LEGEND  (EOP)—EDGE OF PAVEMENT (LP)—LIGHT POLE (FH)—FIRE HYDRANT (WM)—WATER METER (AC)—AIR CONDITIONER	INSET NO SCALE  1.66' 1.33' 2.7, 2.7, 2.7, 2.7, 2.7, 2.7, 2.7, 2.7,
NOTES:  1. ALL EASEMENTS, RIGHTS OF WAY AND BOUNDARY INFORMATION TAKEN FROM P.B. 2023, PG 563-568 UNLESS OTHERWISE NOTED.  2. PROPERTY IS SUBJECT TO ALL EASEMENTS AND RESTRICTIONS OF RECORD. NO TITLE EXAMINATION HAS BEEN DONE BY ROBINSON & PLANTE, P.C.  3. INDIVIDUAL ON SITE SEPTIC SYSTEM FOR ALL LOTS  4. WATER TO BE PROVIDED BY HARNETT COUNTY PUBLIC UTILITIES  5. NO ENCROACHMENTS INTO THE WETLANDS WILL BE ALLOWED. LOTS TO BE INTERNALLY ACCESSED ONLY.  6. ONLY N.C. DEPARTMENT OF TRANSPORTATION APPROVED STRUCTURES ARE TO BE CONSTRUCTED ON PUBLIC RIGHT OF WAY.  7. ANY PARCELS OR EXCLUDED AREAS ARE TO BE SERVED INTERNALLY WITH NO ACCESS ONTO DEPARTMENTAL RIGHT OF WAY.  8. ALL DRAINAGE EASEMENTS SHALL BE DEDICATED AS PUBLIC AND SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNERS TO MAINTAIN THE DRAINAGE EASEMENTS AND ANY DRAINAGE STRUCTURES THERE IS SO AS TO MAINTAIN THE INTEGRITY OF DRAINAGE SYSTEM AND INSURE POSITIVE DRAINAGE  9. PROPERTY FRONTAGE SHALL NOT PIPED WITHOUT AN APPROVED ENCROACHMENT AGREEMENT FROM NCDOT. THE EASEMENT ALLOWS NCDOT THE RIGHT TO ACCESS THE DRAINAGE EASEMENTS AND PERFORM WORK IT DEEMS NECESSARY OR PRUDENT TO ALLEVIATE ANY ISSUES JEOPARDIZING THE INTEGRITY OF THE ROADWAY.	PROPOSED HOUSE  PROPOSED HOUSE  15 15 x 11' SCREENED IN OUTDOOR LIVING  17.00.  12'x 12' PATIO  75.25.
PRELIMINARY PLAT— NOT FOR RECORDATION, CONVEYANCE, OR SALE	SURVEY FOR  DREES HOMES
LOT 49 TOBACCO ROAD SUBDIVISION PHASE 1 & 3 352 GOLDEN LEAF FARMS ROAD HARNETT COUNTY ANGIER, NC 27501	0 60' 120' 180'  GRAPHIC SCALE
REFERENCE: PLAT BOOK 2023 PAGE 563—568.  I CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION DESCRIPTION RECORDED IN REFERENCES AS SHOWN; THAT THE BOUNDARIES NOT SURVEYED ARE INDICATED AS DRAWN FROM INFORMATION IN OF PRECISION IS 1:10,000; AND THAT THIS MAP MEET THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.16000). THIS DAY OF, 2024.	ROBINSON & PLANTE PC  LAND SURVEYING  C-2687  970 TRINITY ROAD  RALEIGH, N.C. 27607  PHONE (919) 859-6030  FAX (919) 859-6032
PROFESSIONAL LAND SURVEYOR L-4433	DATE: 10-8-24 SCALE: 1"=60'

Sheet 1 of 1 PROPERTY ID#0693-25-5751 COUNTY: Harnett

#### SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

(Complete all fields in full)

OWNER: Drees Homes LLC

APPLICATION DATE: ADDRESS: DATE EVALUATED: 10/12/2024

PROPOSED FACILITY: Single Family, 5-bedroom PROPOSED DESIGN FLOW (.1949): 600 gpd LOCATION OF SITE: 352 Golden Leaf Farms., Angier, NC, 27501

PROPERTY SIZE: .87 Acres

WATER SUPPLY: Public Water

EVALUATION METHOD: Auger Boring TYPE OF WASTEWATER: Sewage

P	TYPE OF WASTEWATER: Sewage									
R O F I L E	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON		RPHOLOGY 1941)	FA					
		DEPTH (IN.)	.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR	
	Linear	0-20	GR/SL	VFR,NS,NP,SEXP	N.O	N/A	N.O	N.O	P.S .4	
1	Slope/8%	20-42	SBK/SCL	FR,SS,SP,SEXP						
	Linear	0-25	GR/SL	VFR,NS,NP,SEXP	N.O.	N/A	N.O	N.O	U/P.S/.4	
2	Slope/8%	25-40	SBK/SCL	FR,SS,SP,SEXP						
	Linear	0-12	GR/SL	VFR,NS,NP,SEXP	N.O	N/A	N.O	N.O	P.S/.4	
3	Slope/8%	12-36	SBK/SCL	FR,SS,SP,SEXP						
4	Linear	0-32	GR/SL	VFR,NS,NP,SEXP	N.O	N/A	N.O	N.O	P.S/.4	
	Slope/8%	ope/8% 32-40 SBK	SBK/SCL	FR,SS,SP,SEXP				1		

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	OTHER FACTORS (.1946):
Available Space (.1945)	S	S	SITE CLASSIFICATION (.1948): U/PS
System Type(s)	Type III B	Type III B	EVALUATED BY:A. Adams OTHER(S) PRESENT:
Site LTAR	0.4	0.4	

COMMENTS:\_



#### **CERTIFICATE OF LIABILITY INSURANCE**

DATE (MM/DD/YYYY) 1/17/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is the terms and conditions of the policy, certificate holder in lieu of such endors	certain	ı poli									
PRODUCER		, ,		CONTAC NAME:	T Angela S	Sensenig					
Wade Associates, LLC					(252)	631-5269		FAX (A/C, No):	252)649-	-2443	
250 Pollock St.				(A/C, No E-MAIL	<sub>SS:</sub> asenseni		com	_(A/C, NO):			
				ADDRES						NAIC #	
New Bern NC 28	560						DING COVERAGE			NAIC #	
INSURED NC 20					RA:Markel	Insurance	Company			38970	
Alex Adams, DBA: Adams Soil Con	.a1+	ina		INSURE							
1676 Mitchell Rd.	isuic.	IIIg		INSURE							
1076 MICCHEII RG.				INSURER D:							
				INSURER E :							
	501			INSURER F:							
COVERAGES CERTIFY THAT THE POLICIES O			NUMBER: 24-25	-N. 10011			REVISION NUN		EDIOD		
INDICATED. NOTWITHSTANDING ANY REQ CERTIFICATE MAY BE ISSUED OR MAY PER EXCLUSIONS AND CONDITIONS OF SUCH I	UIREME TAIN, T POLICIE	ENT, 1 HE IN ES. LII	TERM OR CONDITION OF AN ISURANCE AFFORDED BY T	IY CONT HE POL	RACT OR OTH ICIES DESCRII UCED BY PAID	HER DOCUMEN BED HEREIN I CLAIMS.	NT WITH RESPECT	TO WHIC	H THIS		
INSR LTR TYPE OF INSURANCE	ADDL S	SUBR WVD	POLICY NUMBER		POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)		LIMITS			
COMMERCIAL GENERAL LIABILITY							EACH OCCURRENC		\$		
CLAIMS-MADE OCCUR							DAMAGE TO RENTE PREMISES (Ea occu		\$		
							MED EXP (Any one p	person)	\$		
							PERSONAL & ADV I	NJURY :	\$		
GEN'L AGGREGATE LIMIT APPLIES PER:							GENERAL AGGREGA	ATE :	\$		
POLICY PRO- JECT LOC							PRODUCTS - COMP/	OP AGG	\$		
OTHER:								:	\$		
AUTOMOBILE LIABILITY							COMBINED SINGLE (Ea accident)	LIMIT	\$		
ANY AUTO							BODILY INJURY (Pe	r person)	\$		
ALL OWNED SCHEDULED AUTOS AUTOS							BODILY INJURY (Pe	r accident)	\$		
HIRED AUTOS AUTOS							PROPERTY DAMAGE (Per accident)	≣ ;	\$		
AUTOS							(i ci accident)		\$		
UMBRELLA LIAB OCCUR							EACH OCCURRENC	E :	\$		
EXCESS LIAB CLAIMS-MADE							AGGREGATE		\$		
DED RETENTION \$	1								\$ \$		
WORKERS COMPENSATION	T						PER STATUTE	OTH- ER	*		
AND EMPLOYERS' LIABILITY  ANY PROPRIETOR/PARTNER/EXECUTIVE	7l l						E.L. EACH ACCIDEN		\$		
OFFICER/MEMBER EXCLUDED? (Mandatory in NH)	N/A						E.L. DISEASE - EA EI		\$ \$		
If yes, describe under DESCRIPTION OF OPERATIONS below							E.L. DISEASE - POLI		\$		
A Errors & Omissions			WE01119 06		1 /21 /2224	1 /21 /2225	General Aggregate	·	*	\$1,000,000	
A Elicis & Omissions			MEO1118-06		1/31/2024	1/31/2025					
							Each Occurrence			\$1,000,000	
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLI	ES (ACO	RD 10 <sup>-</sup>	1, Additional Remarks Schedule, m	ay be atta	ched if more spac	e is required)					
CERTIFICATE HOLDER				CANC	ELLATION						
*FOR INFORMATIONAL PURPOSES ONLY* XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE							
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