



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:

Name: Dream Finders Homes LLC

Mailing address: 3709 Raeford Road City: Fayetteville State: NC Zip: 28304

Phone: 910-486-4864 Email: mackenziewest@dreamfindershomes.com

Authorized Onsite Wastewater Evaluator Information:

Name: John Kase Certification #: 10060E

Mailing address: PO Box 9321 City: Fayetteville State: NC Zip: 28311

Phone: 910-539-5439 Email: john@southeasternsoil.com



Site Location Information:

Site address: 19 Hallwood Drive, Dunn, NC 28334

Tax parcel identification number or subdivision lot, block number of property: _____

Cameron Crossing S/D Lot 35', PIN 0599-74-8040 County: Harnett

System Information:

Wastewater System Type: Illbe - Pump to PPBPS (Panel Block) 50% Reduction

Daily Design Flow: 480

Saprolite System: ☐ Yes ☒ No Subsurface Operator Required: ☐ Yes ☒ No

Water Supply Type: ☐ Private Well ☒ Public Water Supply ☐ Spring _____ Other: _____

Facility Type:

☒ Residential 4 # Bedrooms 8 Maximum # of Occupants

☐ Business Type of Business and Basis for Flow: _____

☐ Public Assembly Type of Public Assembly and Basis for Flow: _____

Required Attachments:

☒ Plat or Site Plan

☒ Evaluation of Soil and Site Features by Licensed Soil Scientist

Attest: On this the 13 day of Jan., 2026 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 13 day of Jan., 2031.

Signature of Authorized Onsite Wastewater Evaluator: [Signature]

Signature of Owner or Legal Representative: Mackenzie Leonard

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: [Signature] Date: 1-29-26



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___ New ___ Expansion ___ Repair ___ Relocation ___ Relocation of Repair Area

Owner or Legal Representative Information:

Name: _____
Mailing address: _____ City: _____ State: ___ Zip: _____
Phone: _____ Email: _____

Authorized Onsite Wastewater Evaluator Information:

Name: _____ Certification #: _____
Mailing address: _____ City: _____ State: ___ Zip: _____
Phone: _____ Email: _____



Site Location Information:

Site address: _____
Tax parcel identification number or subdivision lot, block number of property: _____
County: _____

System Information:

Wastewater System Type: _____
Daily Design Flow: _____
Saprolite System: ___ Yes ___ No Subsurface Operator Required: ___ Yes ___ No
Water Supply Type: ___ Private Well ___ Public Water Supply ___ Spring ___ Other: _____

Facility Type:

___ Residential ___ # Bedrooms ___ Maximum # of Occupants
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This NOI shall expire on ___ day of ___, _____.

Signature of Authorized Onsite Wastewater Evaluator: _____

Signature of Owner or Legal Representative: _____
Mackenzie Leonard

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 Acknowledgment:

Signature of Local Health Department Representative: _____ Date: _____

Southeastern Soil & Environmental Associates, Inc.

P.O. Box 9321
Fayetteville, NC 28311
Phone/Fax (910) 822-4540
Email mike@southeasternsoil.com

January 6, 2025

Mrs. MacKenzie Leonard
Dream Finders Homes, LLC
3709 Raeford Road
Fayetteville, NC 28304

Re: Soil/site evaluation for subsurface waste disposal (GS 130A-336.2 (AWOE), 19 Hallwood Drive, Dunn, PIN 0599-74-8040, Cameron Crossing Subdivision Lot 35, Harnett County, North Carolina

Dear Mrs. Leonard,

A soil/site evaluation has been conducted on the aforementioned property at your request. The purpose of the investigation was to determine if soils were suitable or provisionally suitable for a subsurface waste disposal system (conventional, accepted and innovative) to serve a proposed single-family residence (**4-bedroom home**). All ratings and determinations were made in accordance with "Laws and Rules for Wastewater Treatment and Dispersal Systems, 15A NCAC 18E". **This LSS evaluation is being submitted to meet the requirements of GS 130A-336.2 (AOWE).**

The soil evaluation was completed on December 24, 2025. Hand auger borings were advanced under moist soil conditions. The site essentially lies on a linear slope landscape (2-3% slope). Soil borings conducted in most of this area consisted of 4 or more inches of predominantly sandy loam underlain by clay to 42 inches or more below the soil surface. Soil wetness was not observed shallower than 42 inches below the soil surface in the initial system and was not observed shallower than 38 inches below the soil surface in the repair area. All other soil characteristics were suitable to at least 48 inches (initial and repair system).

Based on soil borings and site conditions, the site would be designated Suitable for a pump to pressure manifold with PPBPS (Panel Block) 50% Reduction subsurface waste disposal drainfield (0.3 gal/day/ft² LTAR; initial system). There is enough suitable soil area to allow for a pump to pressure manifold with PPBPS (Panel Block) 50% Reduction subsurface septic system repair (0.3 gal/day/ft²). A map showing the approximate location of the site and proposed septic layout accompanies this report.

[Note: No grading, rutting or other soil disturbance can occur in or near the proposed septic area. Any grading can alter the findings of this report and render the site unusable. As such, we recommend the builder protect the proposed septic areas with rope, flagging, fencing, etc.]

Design Summary

- 480 gal/day flow rate (4BR)
- Initial System: Pump to pressure manifold with PPBPS (Panel Block) 50% Reduction (299', see septic layout)
- 24" maximum trench depth as measured on the downhill side
- 0.3 gpd/ft² LTAR
- Pump to deliver: 33.92 gallons/minute at 12.76 ft Total Dynamic Head
- Pump Dosing Volume: 248 gallons (12.4" float spacing-pending installed pump tank gallons/inch)
- 1000-gallon septic tank and 1000-gallon pump tank (**each certified watertight**)
- Repair System: Pump to pressure manifold with PPBPS (Panel Block) 50% Reduction (272', see septic layout)
- 24" maximum trench depth as measured on the downhill side
- 0.3 gpd/ft² LTAR
- Pump to deliver: 32.29 gallons/minute at 13.26 ft Total Dynamic Head
- Pump Dosing Volume: 223 gallons (11.2" float spacing-pending installed pump tank gallons/inch)
- No grading, rutting or filling in septic areas
- No vertical cuts (greater than 2') within 15' of septic lines/areas
- Keep tanks and drainlines 10' from property lines
- Keep supply line 5 or more feet from property lines
- **Install in dry soil conditions**
- Maintain natural contours when clearing the lots
- Direct gutter water away from septic system

During site construction, it is important not to impact and suitable or provisionally suitable soil areas with activities such as excavation or filling. Only the vegetation should be removed in the areas of the proposed septic drainfields to prevent any disturbance of naturally occurring soil. We recommend all lot clearing activity be delayed until the local health department issues a permit.

To the extent possible, we have identified the soil types that will impact the flow of wastewater on this site and have provided a professional opinion as to the best septic system layout. This report does not guarantee that the proposed septic system will properly function for any specific length of time.

Sincerely,



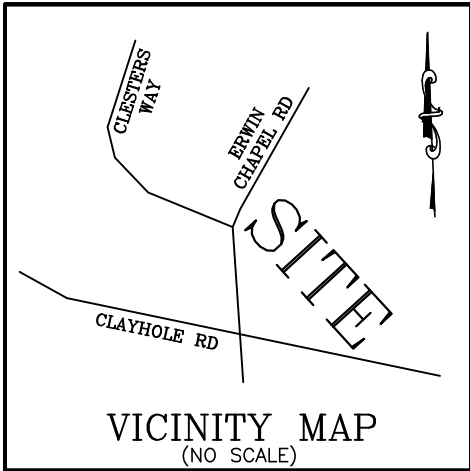
John Kase

NC Licensed Soil Scientist #1323

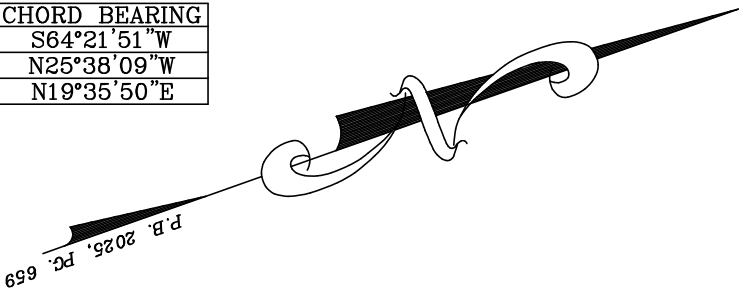
NC Authorized Wastewater Evaluator #10060E

NC REHS #1785





CURVE	LENGTH	RADIUS	CHORD	CHORD BEARING
C1	39.27'	25.00'	35.36'	S64°21'51"W
C2	39.27'	25.00'	35.36'	N25°38'09"W
C3	46.40'	5700.00'	46.40'	N19°35'50"E



NOTE : CONTRACTOR TO LOCATE UTILITY TIE-INS AND CONTACT LOCAL REGULATORY AGENCY PRIOR TO PAVING OVER WITH DRIVEWAY.

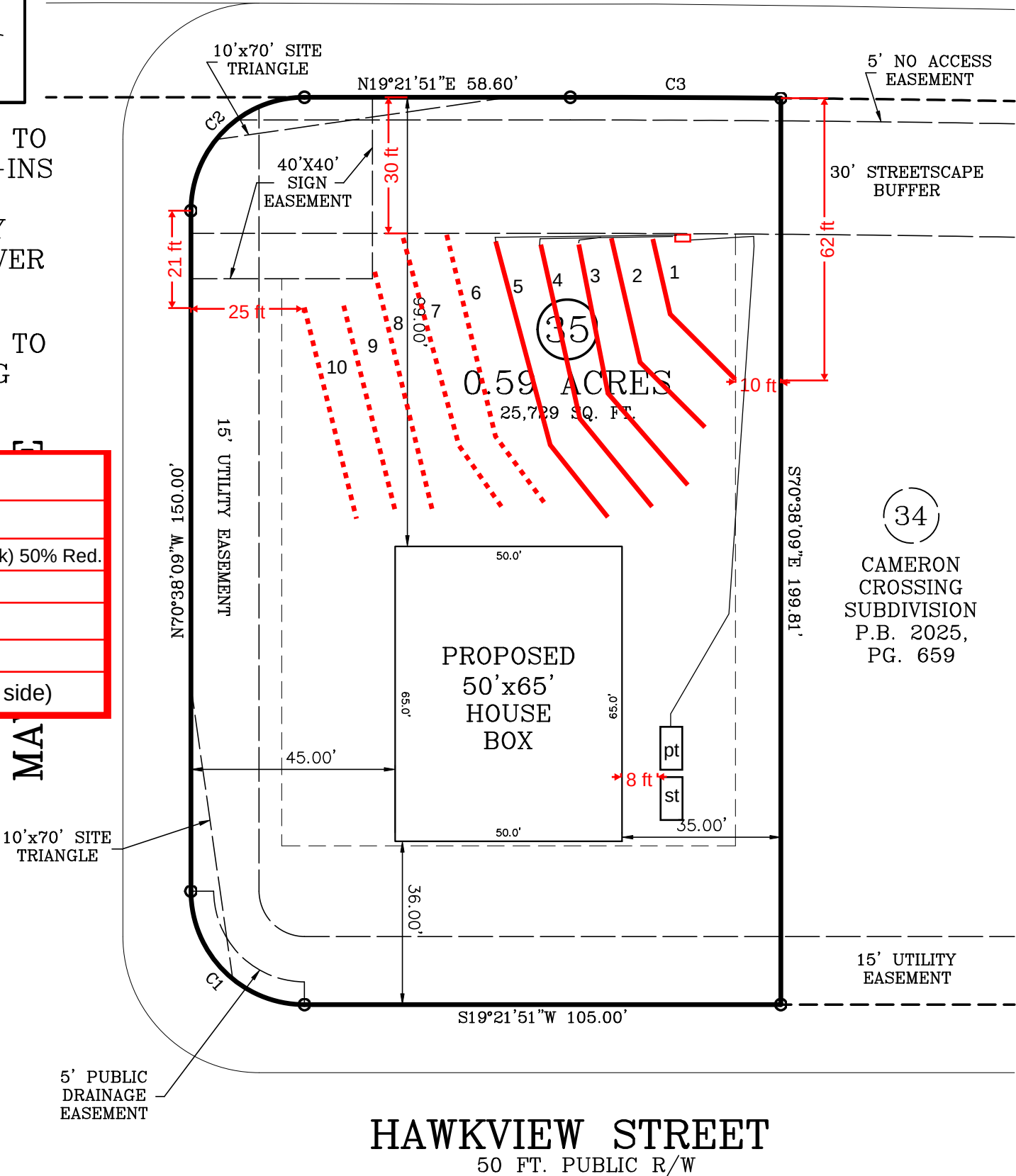
NOTE : CONTRACTOR TO VERIFY ALL BUILDING SETBACKS PRIOR TO CONSTRUCTION.

Initial System
System Type: IIIbe
Trench Type: PPBPS (Panel Block) 50% Red.
Line Numbers: 1-5
Total Trench Length: 299"
Maximum Trench Depth: 24"
(measured on the downhill side)

Legend
Initial System
Repair System
Not Used



ZONING: RA-30
SETBACKS:
FRONT - 35'
REAR - 25'
CORNER SIDE - 20'
SIDE - 10'



PRELIMINARY PLOT PLAN

PLOT PLAN FOR: DREAM FINDERS HOMES

ADDRESS: HAWKVIEW STREET

CITY OF: DUNN, NC

COUNTY OF: HARNETT

TOWNSHIP OF: GROVE

DATE: NOVEMBER 12TH, 2025

SCALE: 1" = 30'

REFERENCE: LOT 35
CAMERON CROSSING
SUBDIVISION
P.B. 2025, PG. 659

PRELIMINARY PLAT
Not for construction,
recording,
conveyance, or sale

W. LARRY KING, PLS - L-1339

Larry King & Associates, R.L.S., P.A.

P.O. Box 53787

1333 Morganton Road, Suite 201

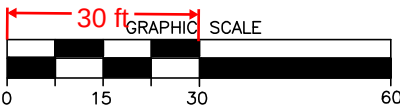
Fayetteville, NC 28305

Phone: (910)483-4300

Fax: (910)483-4052

www.LKandA.com

NC Firm License C-0887



I, W. LARRY KING, CERTIFY THAT THIS MAP IS FOR THE PURPOSE OF PERMITTING ONLY, IT IS NOT A SURVEY AND NO RELIANCE MAY BE PLACED ON ITS ACCURACY. THE STRUCTURE SHOWN ON THIS PLOT PLAN IS PLACED ACCORDING TO THE INSTRUCTIONS GIVEN BY THE BUILDER. ALL DIMENSIONS AND SETBACKS SHOULD BE VERIFIED FOR COMPLIANCE WITH ZONING AND COVENANTS.

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THE BOUNDARY AND LOT INFORMATION SHOWN ON THIS MAP IS TAKEN FROM THAT DOCUMENT DESCRIBED IN THE "REFERENCE" LINE SHOWN HEREON. THIS INFORMATION SHOULD BE CONFIRMED AS THE MOST CURRENT FOR THIS PROPERTY BEFORE ISSUANCE OF PERMITS OR COMMENCEMENT OF CONSTRUCTION. NO TITLE SEARCH WAS PERFORMED ON THIS PROPERTY BY THIS SURVEYOR.

PROPOSED SUBSURFACE WASTE DISPOSAL SYSTEM DETAIL SHEET

LOT _____

REPAIR: _____

DISTRIBUTION

LOCATION

LTAR

PUMP TANK SIZE

[illegible]

DATE _____

THERE SHALL BE NO GRADING,
CUTTING, LOGGING OR OTHER SOIL
DISTURBANCE IN SEPTIC AREA

DESIGNS DO NOT GURANTEEE FUNCTIONALITY

Address/PIN Cameron Crossing Lot 35

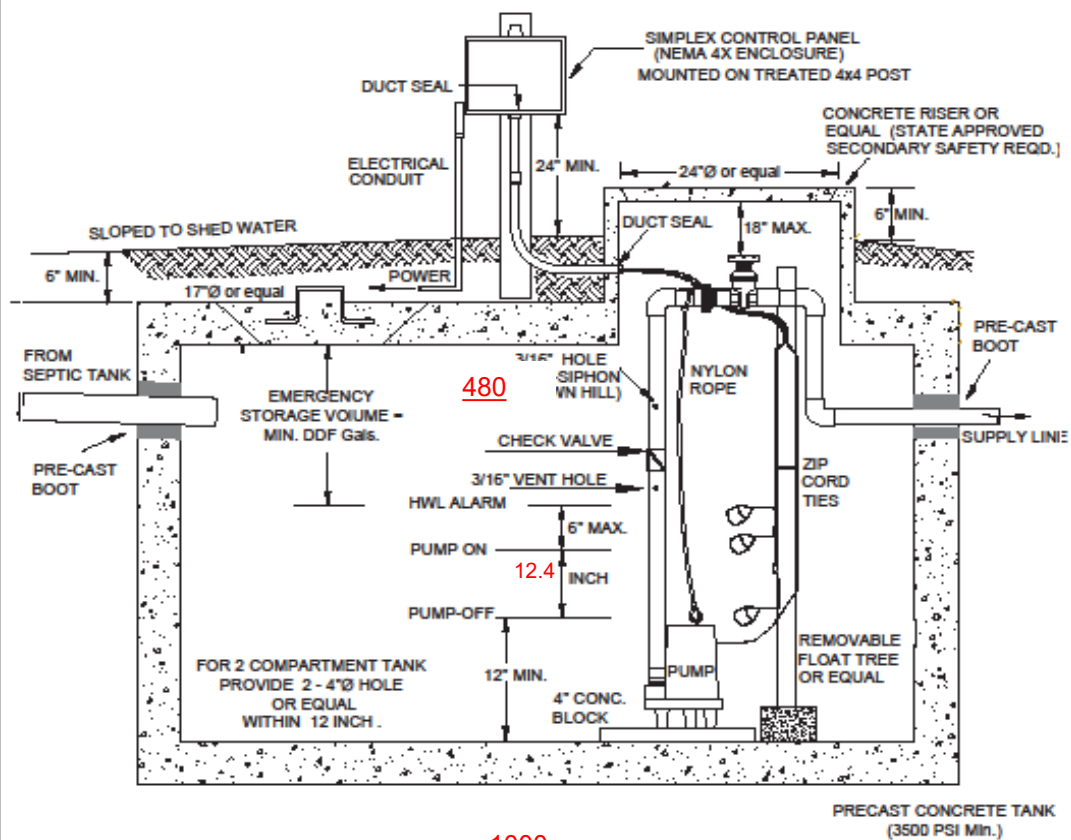
Septic Tank: 1000 gals Pump Tank: 1000 gals Sq. Foot: 897 System Type: PPBPS-Horizontal

Drawdown: 248 gals divided by 20 gals/in = 12.4 inches

100.2

[illegible]

[illegible]



1000 GALLON (Min.)

**STATE APPROVED PUMP TANK WITH A PT NUMBER
(TRAFFIC RATED TANK REQUIRED FOR > 3' BURIAL)**

PUMP CURVE AND SPECIFICATIONS

Pump and Control Panel Specification Required:

Pump:

Pump to be UL or equal listed

TDH and Pumping rate calcs & curve

Dose volume

3 floats system in a float tree or bracket of non-corrosive material

Highwater alarm within 6" from "on" float

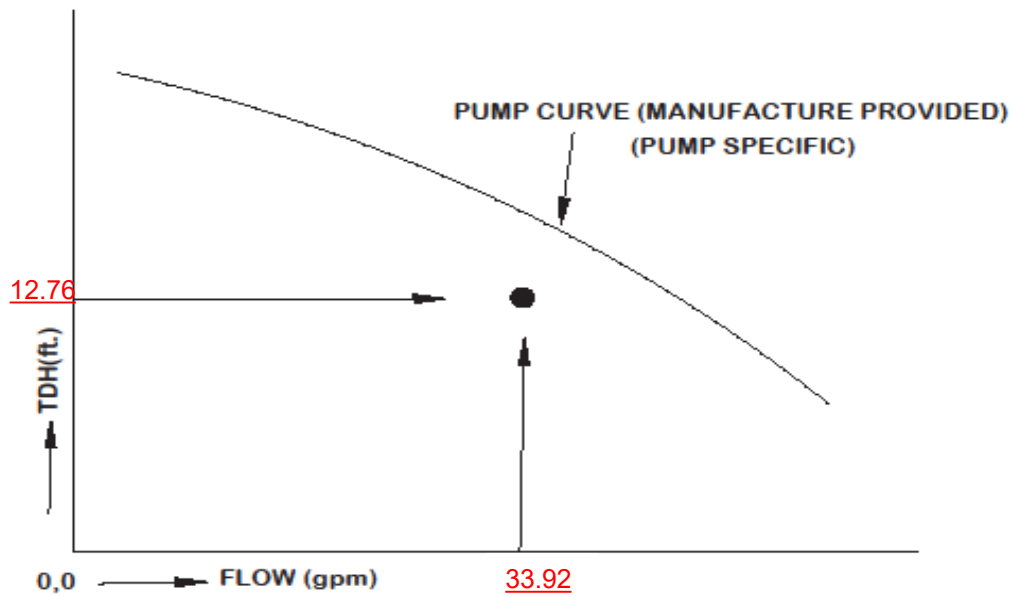
Off float at min. 12" from bottom of tank or to submerge pump

(Manufacture may certify/specify pumps suitability taller than 12" if unsubmerged)

Supply Line Profile when variation in ground profile of more than 5'

Effluent Pump should handle min. 1/2 "solids"

Gate valve, true union disconnect and connection inside tank reachable within 18" from riser top



Control Panel Specifications:

Installed within 2 ft. and min. 18" above final grade to bottom of panel box

HOA switch provided

NEMA 4X box

Cycle counter & elapsed time meter

Alarm (audible/visible)

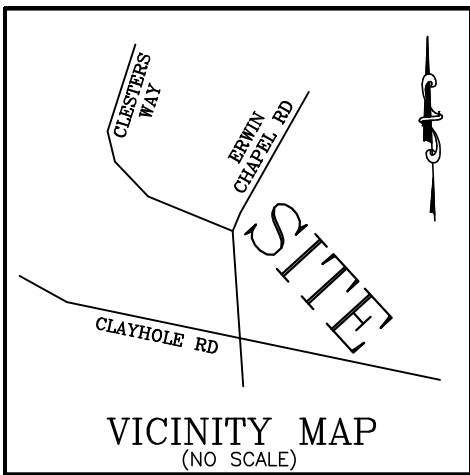
Separate circuits for alarm and pumps

High voltage protection

Pump Pull Rope/chain (non-corrosive)

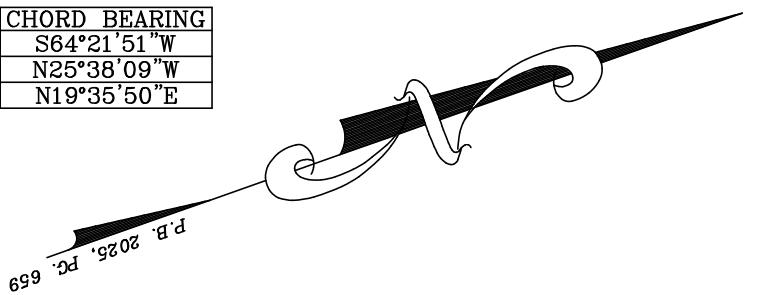
All duct sealed, no splices or junction boxes inside tanks

3/16th inch hole between Check valve (in vertical pipe) and pump



CURVE	LENGTH	RADIUS	CHORD	CHORD BEARING
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SOIL BORING LOCATIONS

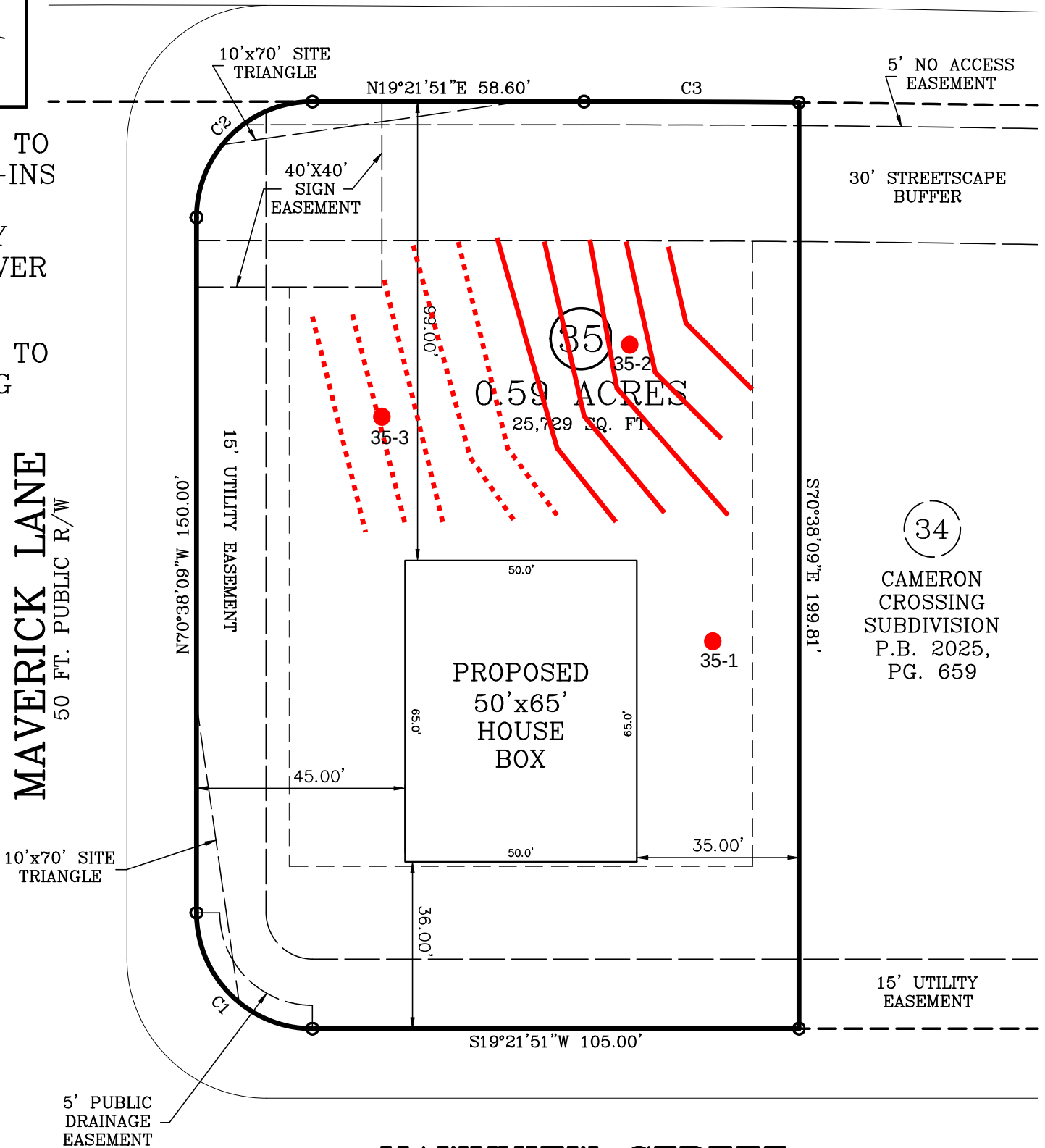


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NOTE : CONTRACTOR TO VERIFY ALL BUILDING SETBACKS PRIOR TO CONSTRUCTION.

Legend	
Initial	
Repair	
Not Used	
Soil Boring	

MAVERICK LANE
50 FT. PUBLIC R/W



HAWKVIEW STREET
50 FT. PUBLIC R/W

ZONING: RA-30	
SETBACKS:	
FRONT	35'
REAR	25'
CORNER SIDE	20'
SIDE	10'

PRELIMINARY PLOT PLAN

PLOT PLAN FOR: DREAM FINDERS HOMES

ADDRESS: HAWKVIEW STREET

CITY OF: DUNN, NC

COUNTY OF: HARNETT

TOWNSHIP OF: GROVE

DATE: NOVEMBER 12TH, 2025

SCALE: 1" = 30'

REFERENCE: LOT 35
CAMERON CROSSING
SUBDIVISION
P.B. 2025, PG. 659

PRELIMINARY PLAT
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recordation,
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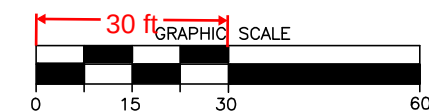
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SOUTHEASTERN SOIL AND ENVIRONMENTAL ASSOCIATES, INC.			SOIL/SITE EVALUATION SHEET			Sheet #:		1			
OWNER/APP. NAME:		Dream Finders Homes LLC			SUBDIV./LOT#		Cameron Crossing Lot 35				
LOCATION OF SITE:		19 Hallwood Drive, Dunn									
COUNTY:		Harnett		PROPERTY ID #:		0599-74-8040		DATE EVALUATED:		12/24/2025	
PROPOSED FACILITY:		SFR		PROPOSED DESIGN FLOW (.0400):		480 gpd		PROPERTY SIZE		0.59 acres	
WATER SUPPLY:		Public		WATER SUPPLY SETBACK:		10'					
TYPE OF WASTEWATER:				Domestic		EVALUATION METHOD:				Auger	
P R O F I L E #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY		OTHER PROFILE FACTORS				.0509 PROFILE CLASS & LTAR		
			.0503 STRUCTURE/ TEXTURE	.0503 CONSISTENCE/ MINERALOGY	.0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ			
35-1		0-36	C - SBK	FR/S/P		NOT OBSER VED	NOT OBSE RVED	S - 0.3			
	L	36	C - SBK	FR/S/P	`10YR7/2						
	2%										
	.0502(d) SLOPE CORRECTION										
	0.7"										
35-2		0-6	SL - GR	VFR/NS/NP		NOT OBSER VED	NOT OBSE RVED	S - 0.3			
	L	5-42	C - SBK	FR/S/P							
	2%	42	C - SBK	FR/S/P	`10YR7/2						
	.0502(d) SLOPE CORRECTION										
	0.7"										
35-3		0-4	SL - GR	VFR/NS/NP		NOT OBSER VED	NOT OBSE RVED	S - 0.3			
	L	4-38	C - SBK	FR/S/P							
	3%	38	C - SBK	FR/S/P	`10YR7/2						
	.0502(d) SLOPE CORRECTION										
	1.1"										
	.0502(d) SLOPE CORRECTION										
DESCRIPTION:		INITIAL SYSTEM	REPAIR SYSTEM	SITE CLASSIFICATION (.0509):		Suitable					
Available Space		Suitable	Suitable	EVALUATED BY:		John Kase					
System Type(s):		PPBPS - Hor.	PPBPS - Hor.	OTHER(S) PRESENT:							
Site LTAR:		0.300	0.300								
Maximum Trench		24"	24"								
Saprolite System:		No	No								
Comments:		Trench bottoms depth measure on downslope side of trench..									



Travelers 1st Choice+[®]

**DESIGN PROFESSIONALS LIABILITY COVERAGE
DECLARATIONS**

POLICY NO. 108040737

Travelers Casualty and Surety Company of America
Hartford, Connecticut
(A Stock Insurance Company, herein called the Company)

Important note: This is a claims-made policy. To be covered, a claim must be first made against an insured during the policy period or any applicable extended reporting period.

This policy is composed of the Declarations, the Professional Liability Coverage, the Professional Liability Terms and Conditions, and any endorsements attached thereto.

ITEM 1	NAMED INSURED: SOUTHEASTERN SOIL AND ENVIRONMENTAL ASSOCIATES DBA: Principal Address: PO BOX 9321 FAYETTEVILLE, NC 28311-9084
ITEM 2	POLICY PERIOD: Inception Date: May 1, 2025 Expiration Date: May 1, 2026 12:01 A.M. standard time both dates at the Principal Address stated in ITEM 1.
ITEM 3	ALL NOTICES PURSUANT TO THE POLICY MUST BE SENT TO THE COMPANY BY EMAIL, FACSIMILE, OR MAIL AS SET FORTH BELOW: Email: BSIclaims@travelers.com Fax: 1-888-460-6622 Mail: Travelers Bond & Specialty Insurance Claim P.O. Box 2989 Hartford, CT 06104-2989 Overnight Mail: Travelers Bond & Specialty Insurance Claim One Tower Square, MN06 Hartford, CT 06183 For questions related to claim reporting or handling, please call 1-800-842-8496.