ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 x3456 | Mooresville Office (704) 660-3625

CW

PERMIT : OSWP – 2024-64088

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM

PIN # 4667 -- 96 -- 9342

APPLICANT/OWNER: MICHAEL CALDWELL | APPLICANT ADDRESS: P.O. BOX 240, CLEVELAND, N.C. 27013

SITE ADDRESS: 1554 LANDIS HIGHWAY, MOORESVILLE, N.C. 28115 | PHONE: 704-223-3463 | ALT. PHONE –

SITE DIRECTIONS: (S) ON 77, (L) ON 150, (R) ON 3, (L) ON 152, LOT ON (R) | SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: – | SECTION: – | LOT # – | LOT AREA: 1.52 AC | DESIGN FLOW: 480 GPD | L.T.A.R.(Initial): 0.275 | L.T.A.R (Repair): 0.1

Septic Tank	1000 (gal)	STB		Date		☑ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI
Pump Tank	– (gal)	PT	–	Date	–	System Description:	50% REDUCTION - HPPBPS - DEEP		
Pump Make	–	Model	–	Serial #	–	Repair System Description:	DRIP IRRIGATION		
# Nitrification Fields	1	# Lines	5	Linear Ft	300 FT	Maintenance Agreement Required:	☐ YES	☑ NO	
Trench Width	36 IN	*Max. Trench Depth(Initial)	57 IN	*Max. Trench Depth(Repair)	6 IN	Gravel Depth	–	☑ GRAVITY	☐ PRESSURE

* Measured on the downhill side of the trench

Effluent Standard: ☑ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40 | Usable Depth to LC (Initial): 62 IN | Usable Depth to LC (Repair): 7 IN | *Limiting Condition*

☑ Residence | No. Bedrooms 4 | ☐ Business | No. Persons 8 | ☐ Other | No. Employees – | ☑ Slab | ☐ Crawl Space | ☐ Basement w/plumbing | ☐ Basement w/o plumbing

Water Supply: ☐ Private ☑ Public ☐ Community

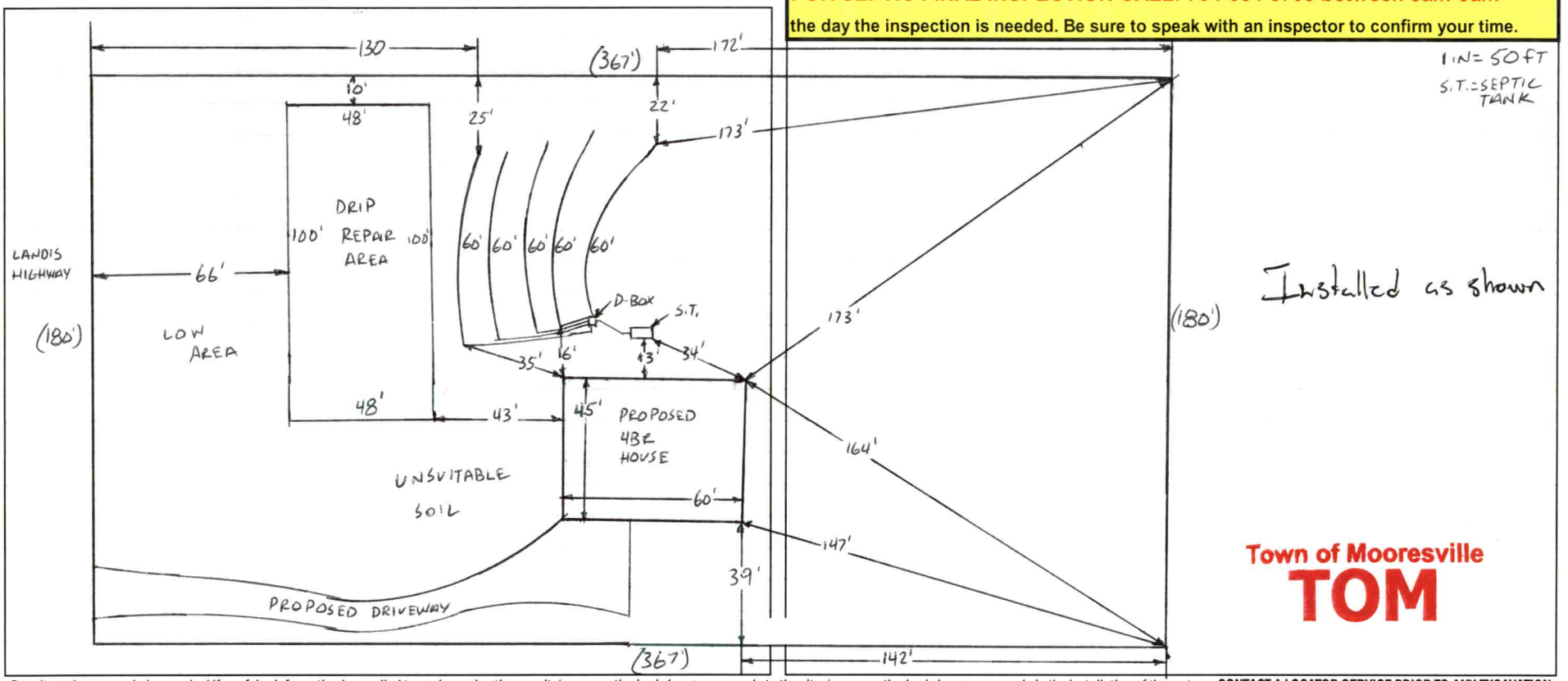
Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON CONTOUR, INSTALL D-BOX TO ACHIEVE EQUAL DISTRIBUTION, DO NOT EXCEED A 60IN MAX TRENCH DEPTH(HIGHSIDE) DO NOT SHALLOW UP.

VENT DRAINLINES PER MANUFACTURERS SPECIFICATIONS, MOORESVILLE ZONING APPROVAL REQUIRED PRIOR TO A.C.

INITIAL SITE SKETCH

AS BUILT SKETCH

FOR SEPTIC FINAL INSPECTION CALL: 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inspector to confirm your time.



Town of Mooresville TOM

Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

☐ **IMPROVEMENT PERMIT** ***with plat*** *valid without expiration.* ☑ **IMPROVEMENT PERMIT** ***with site plan*** *valid for 60 mos.* ☐ **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: ONLINE SIGNATURE | Date: – | Installed by: Patriot Septic

IMPROVEMENT PERMIT by: Bryant C. White | Date: 11-5-2024 | OPERATION PERMIT by: Mark Wilkie | Date: 5/7/25

AUTHORIZATION TO CONSTRUCT by: [signature] | Date: 3/7/2025 | Existing System Inspected by: | Date:

Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

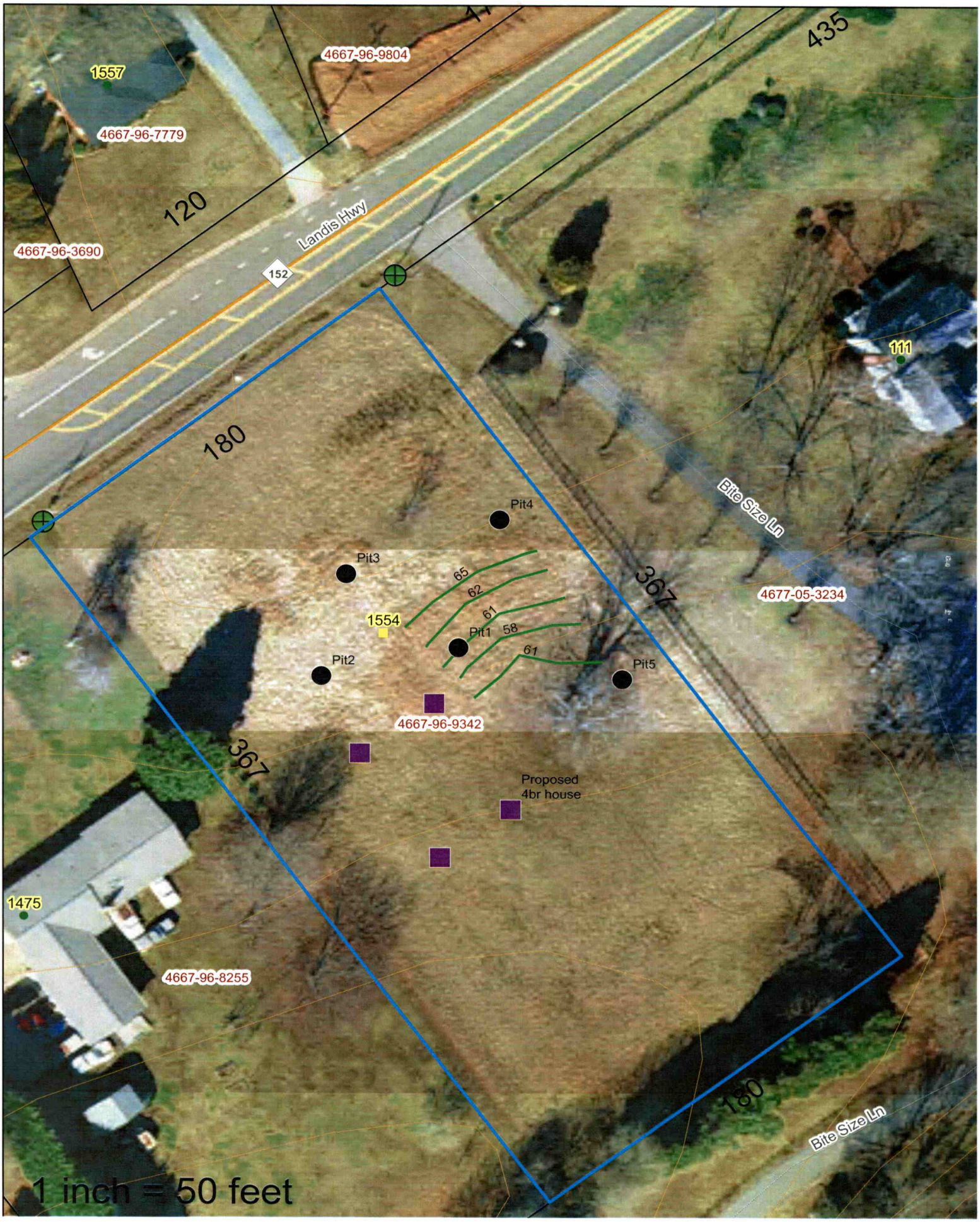
PROPERTY ID #: 4667-96-9342
DATE OF EVALUATION: 11-5-2024
COUNTY: IREDELL

1554 LANDIS HIGHWAY, MOORESVILLE N.C. 28115

PROFILE #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY .0503 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY .0503 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .0504 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .0506 SOIL DEPTH	OTHER PROFILE FACTORS .0507 SAPRO CLASS	OTHER PROFILE FACTORS .0508 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRECTION
1	LINEAR SIDE 5%	0-10	SL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT Y/B MOTS 12"-32" 2.5Y6/6S + 2.5Y6/2S	76"+	NA	NA	PS	
		10-34	C, ST ABK	FI, S, P, SEXP						
		34-76	CL, WABK	FR, SS, SP, SEXP					.275	2"
									BELOW	
									32"	
2	LINEAR SIDE 7%	0-12	SL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT Y/B MOT 17"-34" 2.5Y6/6S + 2.5Y6/2S	48"	U II SL VFI	ROCK 58"		
		12-36	C, ST ABK	FI, S, P, SEXP					U	3"
		36-48	CL, WABK	FR, SS, SP, SEXP						
		48-55	SAP, RC	VFI, NS, NP, SEXP						
		55+	~~BEDR~~ B	HR						
3	FOOT 2%	0-23	SL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT Y/B MOTS 24"-52" 2.5Y6/6S+ 2.5Y6/2S	76"+	NA	NA		
		23-52	C, ST ABK-PL	FI, S, P, SEXP					PS	
		52-76	CL, WABK	FI, SS, SP, SEXP					.1	NA
									DRIP	
4	LINEAR SIDE 6%	0-12	SL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT Y/B MOTS 19"-30" 2.5Y6/6S +2.5Y6/2S	74"+	NA	NA	PS	
		12-36	C, ST ABK	FI, S, P, SEXP					.3	2.5
		36-74	CL, WABK	FR, SS, SP, SEXP					BELOW	
									33"	
5	LINEAR SIDE 5%	0-10	SL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT Y/B MOTS 14"-28" 2.5Y6/6S + 2.5Y6/2	81"+	NA	NA	PS	
		10-30	C, ST ABK	FI, S, P, SEXP					.3	2"
		30-81	CL, WABK	FR, SS, SP, SEXP					BELOW	
									28"	

COMMENTS:

SEE
GPS


1557
4667-96-9804
4667-96-7779
435
120
Landis Hwy
152
4667-96-3690
111
180
Bite Size Ln
Pit4
Pit3
65
62
61
58
61
1554
Pit1
Pit2
Pit5
367
4677-05-3234
4667-96-9342
367
Proposed
4br house
1475
4667-96-8255
180
Bite Size Ln
1 inch = 50 feet

PERMIT SNAPSHOT REPORT OSWP-2024-64088 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	10/24/2024
Work Class:	EH Septic Permit	**District:**	Mooresville	**Exp Date:**	NOT AVAILABLE
Status:	In Progress	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	White, Bryant	**Approval Expire Date:**	
Description:	IP for commercial to be converted to residential. See TOM letter in files				

Parcel: 4667969342.000 Main	**Address:** 1554 Landis Hwy Main Mooresville, NC 28115	**Zone:** MOORESVILLE(MOORESVILLE)

Property Owner
Christopher Mann
Mobile: (919) 943-5416

Applicant/Authorized Agent
Caldwell, Michael Shawn/Third
Creek Building Company
MIKE CALDWELL
PO box 240
Cleveland, NC 27013
Mobile: (704) 223-3463

Permit Custom Fields

How is your site plan being submitted	Survey Plat	Septic Application/Permit Type	Improvement Permit	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	50X50
What are the proposed structures	Duplex	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	4
If other Addition/Structure, please explain		Number of Occupants	8	Foundation Type	Concrete Slab Foundation
Residential/Business/Other	Commercial	Number of Employees	40	Water Supply	Municipal Water
Desired Septic System Type	Conventional (most common)	If other septic system type, please explain		Pump Make	
# of Nitrification Fields		Model		Serial #	
System Description		Repair System Description		Comments/Conditions	
Permit type(s)	Improvement Permit with Site Plan	Additional Unique Setbacks Apply	No		

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_MIKE_CALDWELL_10/24/2024.jpg	10/24/2024 9:04	CALDWELL, MIKE		Uploaded via CSS
DOC TO AUTHORIZE AN OWNER_v1.pdf	10/24/2024 9:28	CALDWELL, MIKE	Available Online	
Landis+Hwy+1554+CC+Zoning+Verification+20241710.pdf	10/24/2024 9:29	Hart, Ronda	Available Online	TOM Zoning letter
BRN3C2AF404190F_20241024_093518_097146.pdf	10/24/2024 9:42	Hart, Ronda	Available Online	Email from TOM

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-259271	Requested	OSWP Septic/Well Preliminary Site Visit	10/24/2024	10/25/2024 0:00	10/25/2024 0:00		

Inspectors: Fleming, Latasha (Primary)

Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general comments, not specific to any other	No	

PERMIT SNAPSHOT REPORT (OSWP-2024-64088)

checklist item

Invoice No.	Fee		Fee Amount	Amount Paid
INV-00037367	New Gravity System		$500.00	$500.00
		Total for Invoice INV-00037367	$500.00	$500.00
		Grand Total for Permit	**$500.00**	**$500.00**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		10/24/2024 9:44	10/24/2024 9:45
Confirm application complete v.1	Generic Action		10/24/2024 9:45
Fees v.1		10/24/2024 9:45	10/24/2024 10:48
Issue Invoice v.1	Generic Action		10/24/2024 9:45
Fees Paid v.1	Generic Action		10/24/2024 10:48
~~**Zoning Review v.1**~~			10/24/2024 9:44
~~Floodplain Admin Overview v.1~~	Task		10/24/2024 9:44
~~Mooresville Zoning Approval v.1~~	Task		10/24/2024 9:44
~~Issue Invoice v.1~~	Generic Action		10/24/2024 9:44
~~Fees Paid v.1~~	Generic Action		10/24/2024 9:44
Lot Readiness Verification v.1		10/24/2024 13:42	
OSWP Septic Preliminary Site Visit v.1	Inspection	10/24/2024 13:42	10/24/2024 13:42
OSWP Site Evaluation v.1	Inspection		
Issue Improvement Permit v.1			
Issue Invoice v.1	Generic Action		
Fees Paid v.1	Generic Action		
Issue Permit v.1	Generic Action		
Permit Completion Process v.1			
Authorization to Construct Permit v.1	Create Sub Permit		
Issue Authorization to Construct v.1	Generic Action		

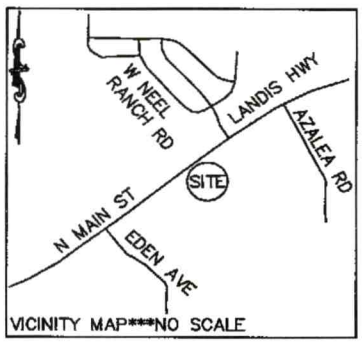
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DASSurveying.com * (704) 664-7029 * info@donallensurvey.com

I, certify that this map was drawn under my supervision from an actual survey made under my supervision recorded in deed book 2792, page 2076, and/or plat book N/A, page N/A, that the ratio of precision is 1':10,000, that this map was prepared in accordance with the General Statutes of North Carolina Chapter 89C. my hand and seal on the 5, day of AUGUST, A.D. 20 24.

REVISED 8/13/24
MOVED HOUSE 100' BACK
FROM PROPERTY LINE

WILLIAM M. ALLEN, PLS

NORTH CAROLINA PROFESSIONAL SEAL L-3499 LAND SURVEYOR WILLIAM M. ALLEN



PIN 4677053234
ROBERT A BENSON
2209/1258

S55°24'48"W — 179.97'

10' REAR

Future building

DB.2792 PG.2076

215'-9 1/4"

S34°36'45"E — 367.53'

10' SIDE

1554 LANDIS HWY
(1.52 AC.)

10' SIDE

N34°37'00"W — 366.75'

PROPOSED HOUSE

72.7'

73.2'

Purposed Septic

100.0'

10' FRONT

R/W

R/W

N55°00'58"E

PIN 4667968255
JAMES F HOLSHOUSER
914/649

CONC. CALC.
DRIVE = 1,572 SF.
WALK = 42 SF.

PIN 4677053234
ROBERT A BENSON
2209/1258