BLDR-2024-66574

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

CW PERMIT : OSWP-2024-52575

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

PIN # 4766-75-7912

APPLICANT/OWNER: DOUG GAITHER APPLICANT ADDRESS: 1182 WEATHERBY DRIVE, SALISBURY, N.C. 28146

SITE ADDRESS: 479 CHESTNUT GROVE ROAD, STATESVILLE, N.C. 28625 PHONE: 704-253-8080 ALT. PHONE 704-872-1591

SITE DIRECTIONS: (E) ON 64, (L) ON RIVER HILL, (L) ON CHESTNUT GROVE, LOT ON (R) SAP CONTROLLED: ☐ YES ☑ NO

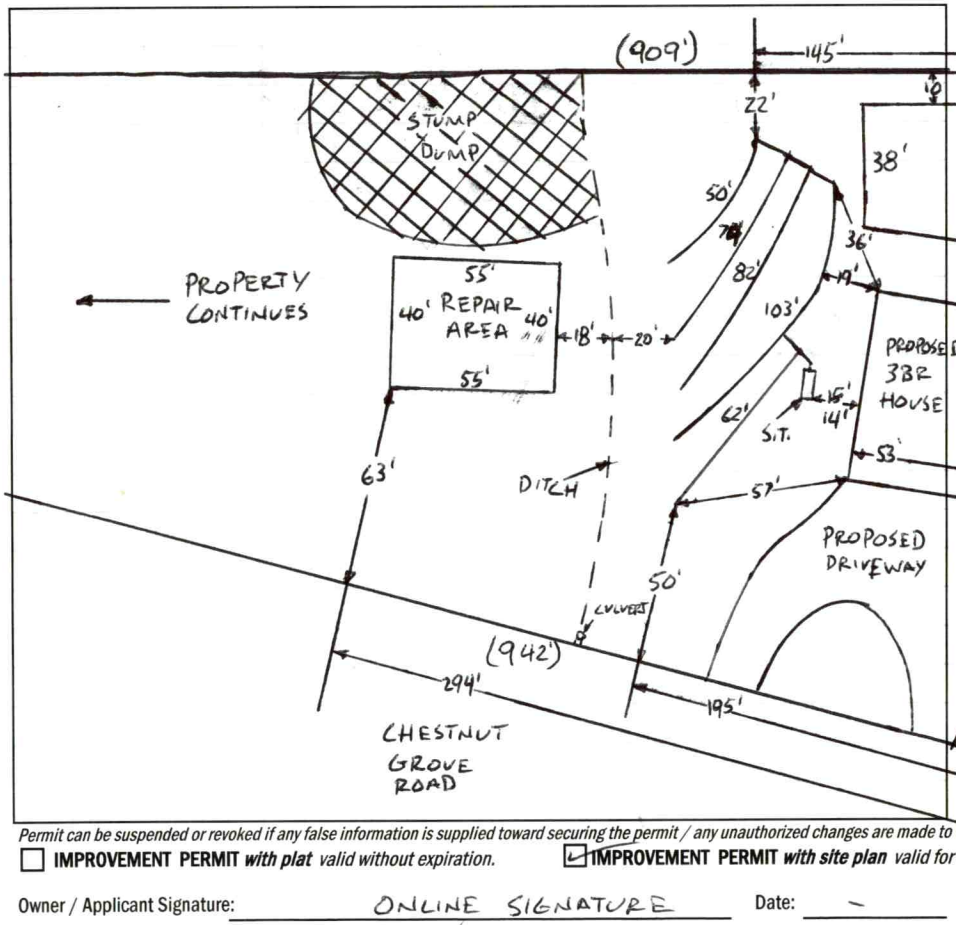
SUBDIVISION: SEVEN SPRINGS SECTION: 1 LOT # 1 LOT AREA: 2.31AC DESIGN FLOW: 360GPD L.T.A.R.(Initial): 0.25 L.T.A.R (Repair): 0.25

Septic Tank	1000	(gal)	STB	760	Date	–	☑ New System	☐ Repair	☐ Expansion	System Type: I (II) III IV V VI	☑ Residence	No. Bedrooms	3	Water Supply
Pump Tank	–	(gal)	PT	–	Date	–	System Description:	25% REDUCTION			☐ Business	No. Persons	6	☐ Private
Pump Make	–	Model	–		Serial #	–	Repair System Description:	50% REDUCTION			☐ Other	No. Employees	–	☑ Public
# Nitrification Fields	1	# Lines	5		Linear Ft	367FT	Maintenance Agreement Required:	☐ YES	☑ NO		☐ Slab	☑ Crawl Space		☐ Community
Trench Width	36IN	*Max. Trench Depth(Initial)	32IN		*Max. Trench Depth(Repair)	32IN	Gravel Depth	–	☑ GRAVITY	☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing		

* 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): 60 IN Usable Depth to LC (Repair): 60 IN *Limiting Condition*

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS, UTILIZE SERIAL DISTRIBUTION, DO NOT EXCEED A 36IN MAX TRENCH DEPTH (HIGHSIDE).

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.

1 IN = 60 FT
S.T. = SEPTIC TANK

INSTALLED AS SHOWN

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: JAKE WILLIAMS

IMPROVEMENT PERMIT by: Bryant C. White Date: 11-21-2024 OPERATION PERMIT by: Bryant C. White Date: 5-1-2025

AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 11-21-2024 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? _____	

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

PROPERTY ID #: 4766-75-7912
COUNTY: IREDELL

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

(Complete all fields in full)

OWNER: DOUG GAITHER DATE EVALUATED: 7-10-2024
ADDRESS: 1182 WEATHERBY DRIVE, STATESVILLE, N.C. 28146
PROPOSED FACILITY: 3BR PROPOSED DESIGN FLOW (.0400): 360GPD PROPERTY SIZE: 2.31 AC
LOCATION OF SITE: 479 CHESTNUT GROVE ROAD, STATESVILLE, N.C. 28625 PROPERTY RECORDED: YES
WATER SUPPLY: ✓Public Single Family Well Shared Well Spring Other _____ WATER SUPPLY SETBACK: 50 FT
EVALUATION METHOD: Auger Boring ✓Pit Cut TYPE OF WASTEWATER: ✓Domestic High Strength IPWW

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	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRECTION
1	TOP OF CUT 5% NOT CUT	0-8	SCL, SBK	FR, SS, SP, SEXP	Y/B MOTS 16"-28" 2.5Y 6/6 SAP INC THRU OUT MICA COMMON	64"+	NA	NA	PS .25	2"
		8-27	C, ABK	FI, S, P, SEXP						
		27-64	CL, WABK	FR, SS, SP, SEXP						
2	LINEAR SIDE 7%	0-8	FILL MIXED		MIXED MINERAL CLAY B-RB MATRIX SAP INC THRU OUT FEW Y/B MOTS 16"-24" 2.5Y 7/4	62"+	NA	NA	PS .275	3"
		8-36	C, ABK	FI, S, P, SEXP						
		36-62	CL, WABK	FR, SS, SP, SEXP						
3	LINEAR SIDE 6%	0-8	SCL, ABK	FR, SS, SP, SEXP	SAP INC THRU OUT B-RB MATRIX	60"+	NA	NA	PS .3	2.5"
		8-37	C, ABK	FI, S, P, SEXP						
		37-60	CL, WABK	FR, SS, SP, SEXP						
4	FOOT 5%	0-10	SCL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT B-RB MATRIX	60"+	NA	NA	PS, 3	2"
		10-40	C, ABK	FI, S, P, SEXP						
		40-60	CL, WABK	FR, SS, SP, SEXP						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	PS	PS
System Type(s)	25%	50%
Site LTAR	0.25	0.25
Maximum Trench Depth	32IN	32IN

SITE CLASSIFICATION (.0509): ~~B~~ PS
EVALUATED BY: Brent C. White
OTHER(S) PRESENT: ~~B~~

Comments: _____

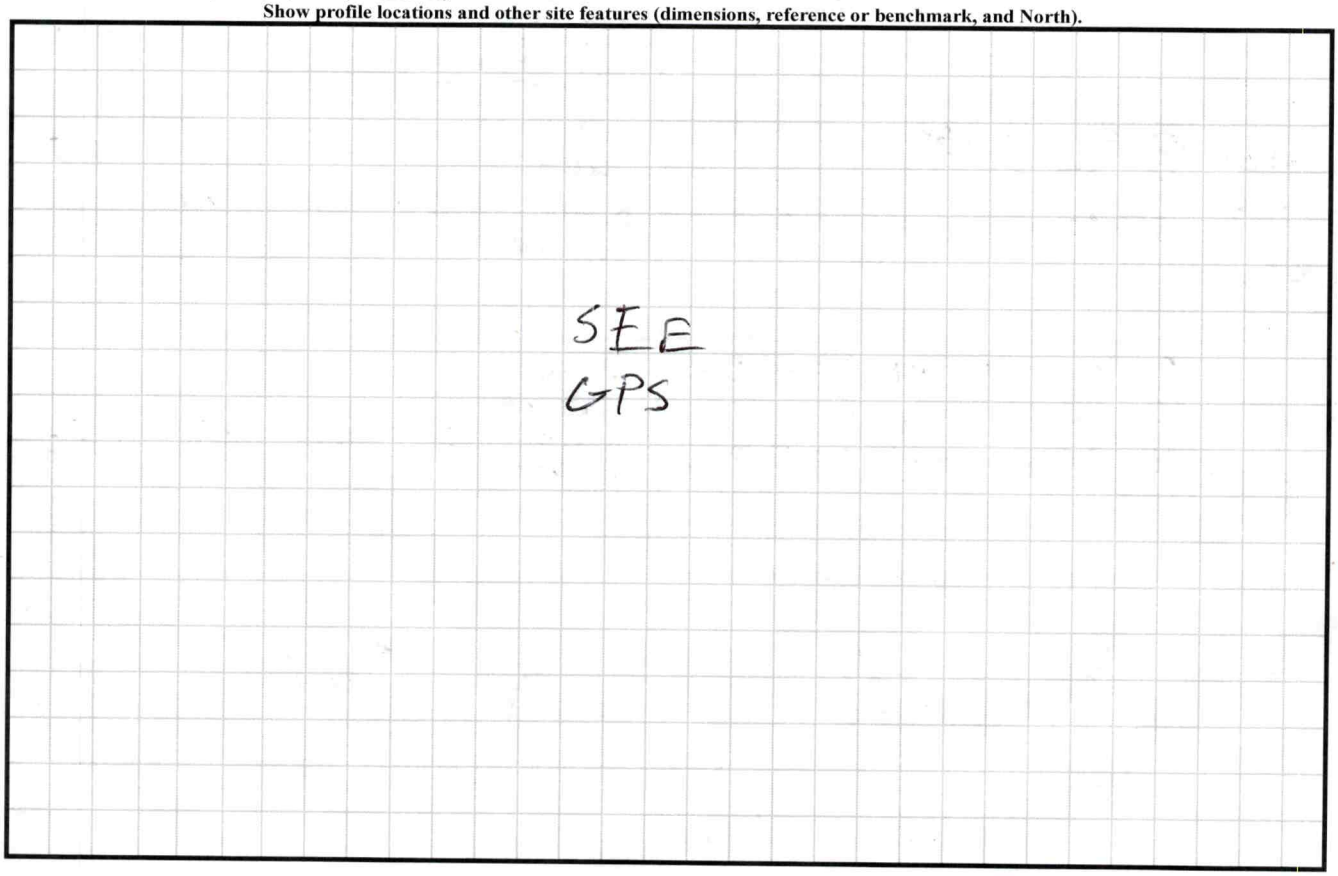
LEGEND

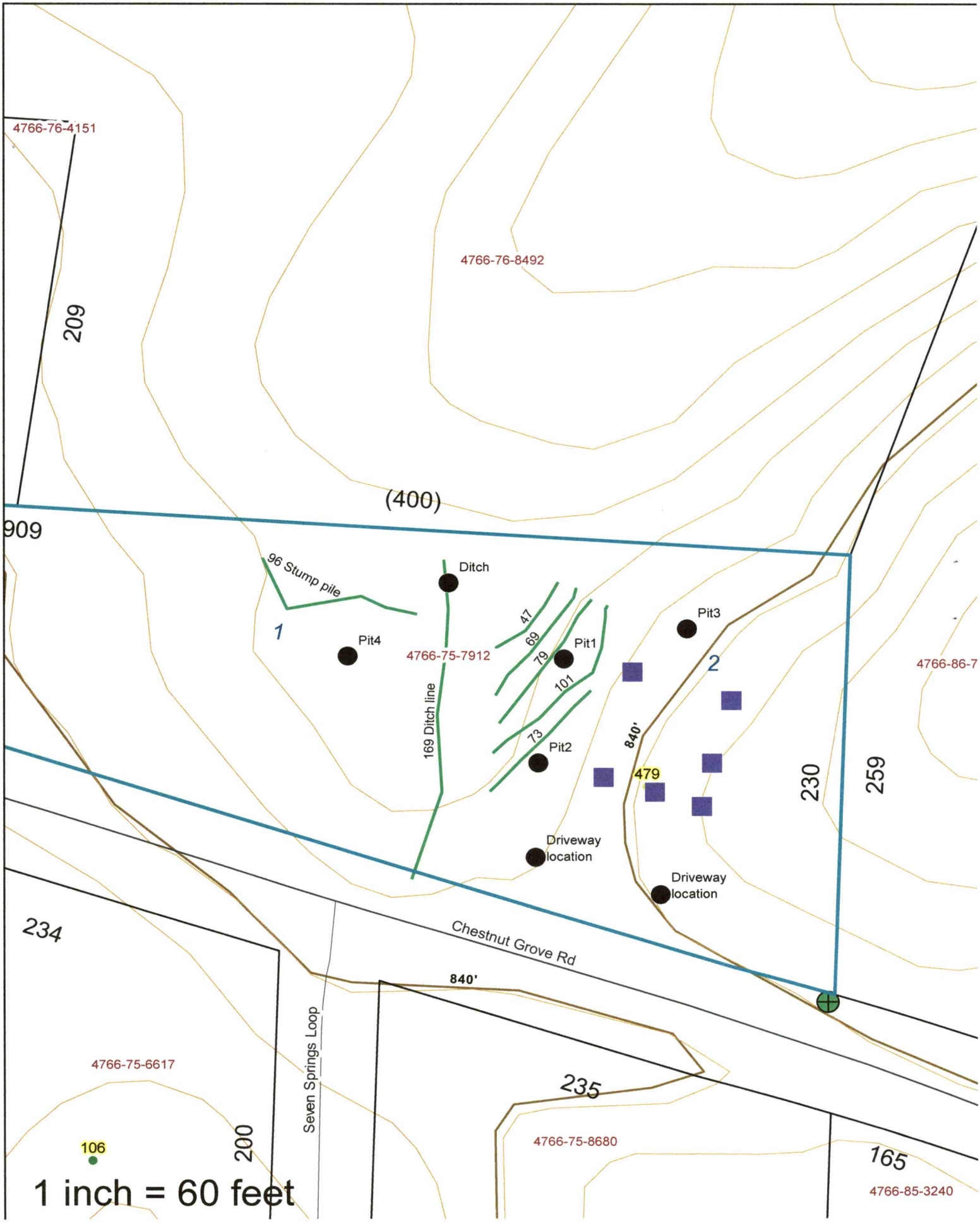
LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	II	SL (Sandy loam)	0.6 - 0.8	0.4 -0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)
FP (Flood plain)		L (Loam)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)	III	SiL (Silt loam)	0.3 - 0.6	0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)		None		EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)					VP (Very plastic)	
S (Shoulder slope)	IV	SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)				EXP (Expansive)		
TS (Toe Slope)		C (Clay)						
		O (Organic)	None					

* Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.
**Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

HORIZON DEPTH In inches below natural soil surface
DEPTH OF FILL In inches from land surface
RESTRICTIVE HORIZON Thickness and depth from land surface
SAPROLITE S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.
SOIL WETNESS Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION S (Suitable) or U (Unsuitable)

Show profile locations and other site features (dimensions, reference or benchmark, and North).




4766-76-4151
4766-76-8492
209
(400)
909
96 Stump pile
1
Ditch
Pit4
4766-75-7912
169 Ditch line
47
69
79
101
73
Pit1
Pit2
Pit3
2
840'
479
230
259
4766-86-7
Driveway location
Driveway location
234
Chestnut Grove Rd
840'
Seven Springs Loop
4766-75-6617
235
4766-75-8680
200
106
165
4766-85-3240
1 inch = 60 feet

PERMIT SNAPSHOT REPORT OSWP-2024-52575 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	05/01/2024
Work Class:	EH Septic Permit	**District:**	Iredell County	**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: Spoke with owner - considering combining lots, will need clearing. & surveyor back out if so. Will call back 6/3 DW. IP / AC - - on hold, only house box marked 5/8, a lot of pushed over trees & fill behind house; left vim about lot with applicant DW

Parcel: 4766759817.000 Main	**Address:** 479 Chestnut Grove Rd Statesville, NC 28625 Main	**Zone:** RA(Residential Agricultural District)

Applicant/Authorized Agent
Denali Home Builders
1182 Weatherby Drive 1182
WEATHERBY DRVIE
Salisbury, NC 28146
Business: (704) 872-1591
Mobile: (704) 224-1440

Property Owner
DOUGLAS R+ERIN L GAITHEF

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Authorization to Construct, Improvement Permit	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	54' x 58'
What are the proposed structures	New Single-Family Residence - Stick Built	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	6	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Water Supply	Other Public Water	Desired Septic System Type	No Preference
Lot Acreage	0.9	Front Setback	35	Back Setback	35
Left Setback	15	Right Setback	15	Zoning Permit Issued Date	May 3 2024 12:00AM
Zoning Permit Expiration Date	Oct 30 2024 12:00AM	Is the structure or development in the floodplain	No	Is the property in a local historic district?	No
Is the property located downtown?	No	Additional Unique Setbacks Apply	No	Watershed	NOT IN A WATERSHED

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Kenton_Jackson_5/1/2024.jpg	05/01/2024 11:55	Jackson, Kenton		Uploaded via CSS
2024-05-01 11-52_v1.pdf	05/02/2024 9:12	Jackson, Kenton	Available Online	
New Gaither House (120923)_v1.pdf	05/02/2024 9:12	Jackson, Kenton	Available Online	
Gaither House_v1.pdf	05/03/2024 9:46	Jackson, Kenton	Available Online	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-212865	Re-inspection required	OSWP Septic/Well Preliminary Site Visit	05/08/2024			05/08/2024 16:49	05/08/2024 16:49

Inspectors: Wieberg, Danielle (Primary)

Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general	No	

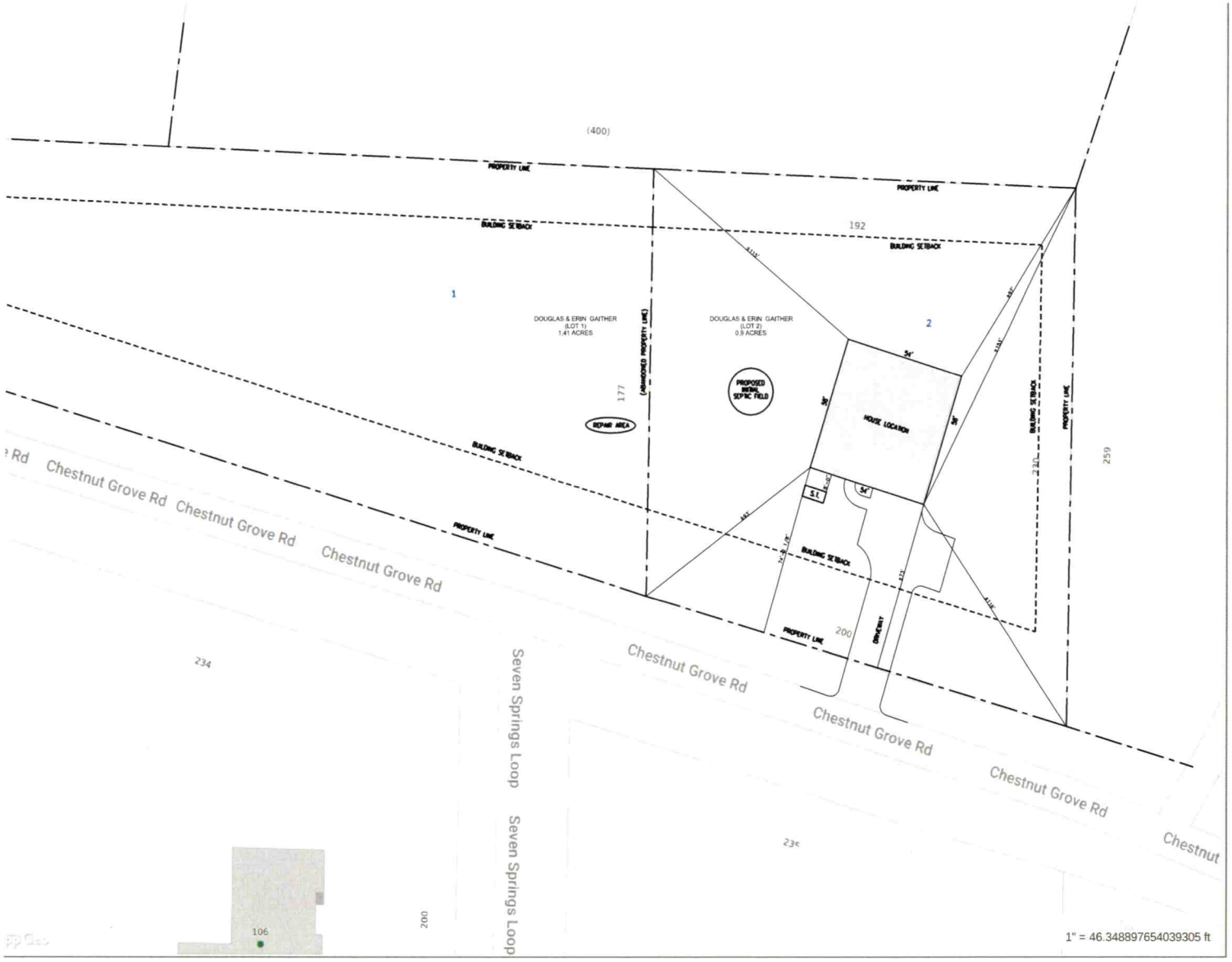
PERMIT SNAPSHOT REPORT (OSWP-2024-52575)

	comments, not specific to any other checklist item	

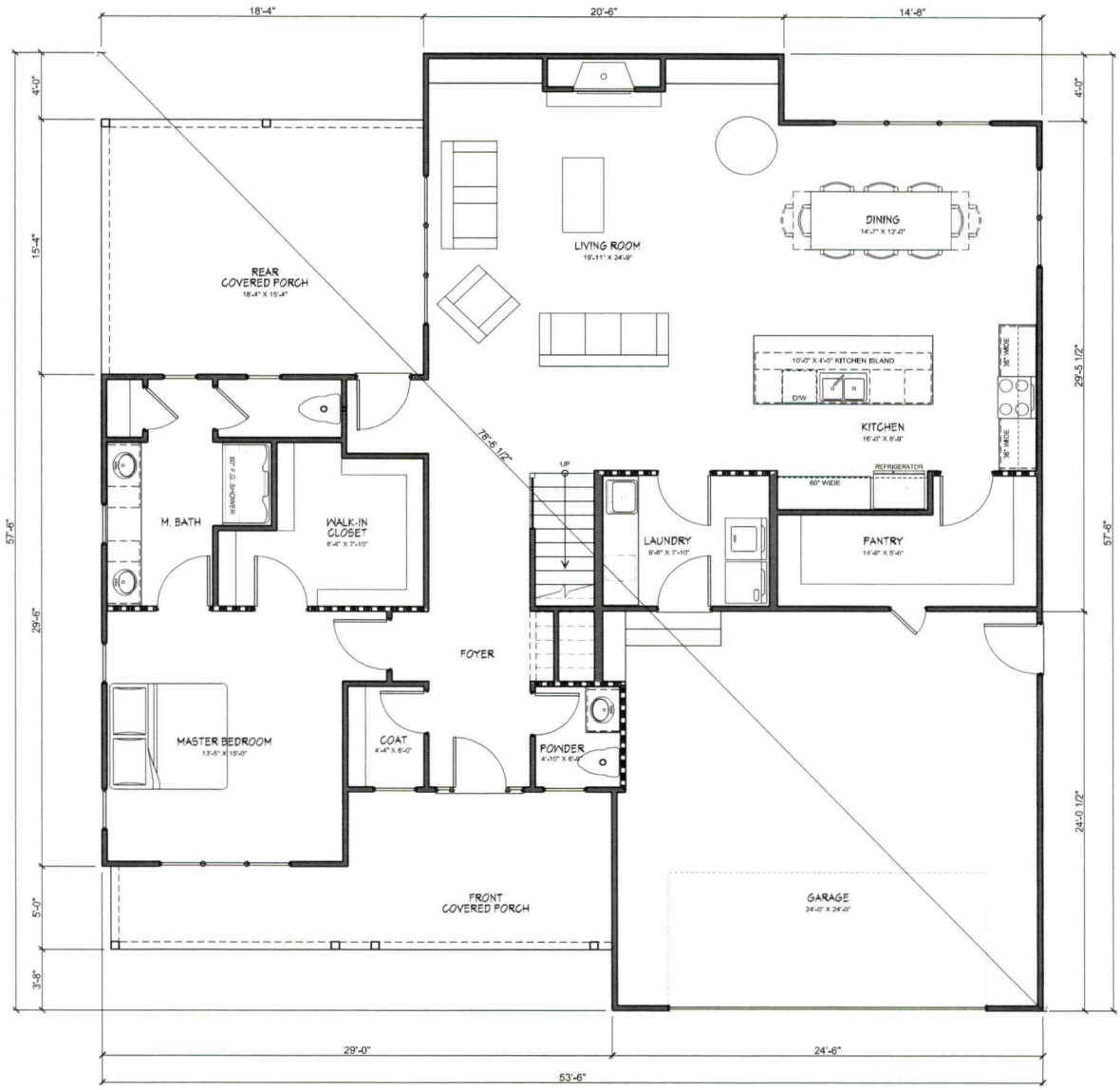
Note	Created By	Date and Time Created
1. called customer and waiting on call back to see if site is ready for me to check.	Peter Mravetz	06/18/2024 15:03
2. I went out today and checked house box and property corners.	Peter Mravetz	07/01/2024 15:01

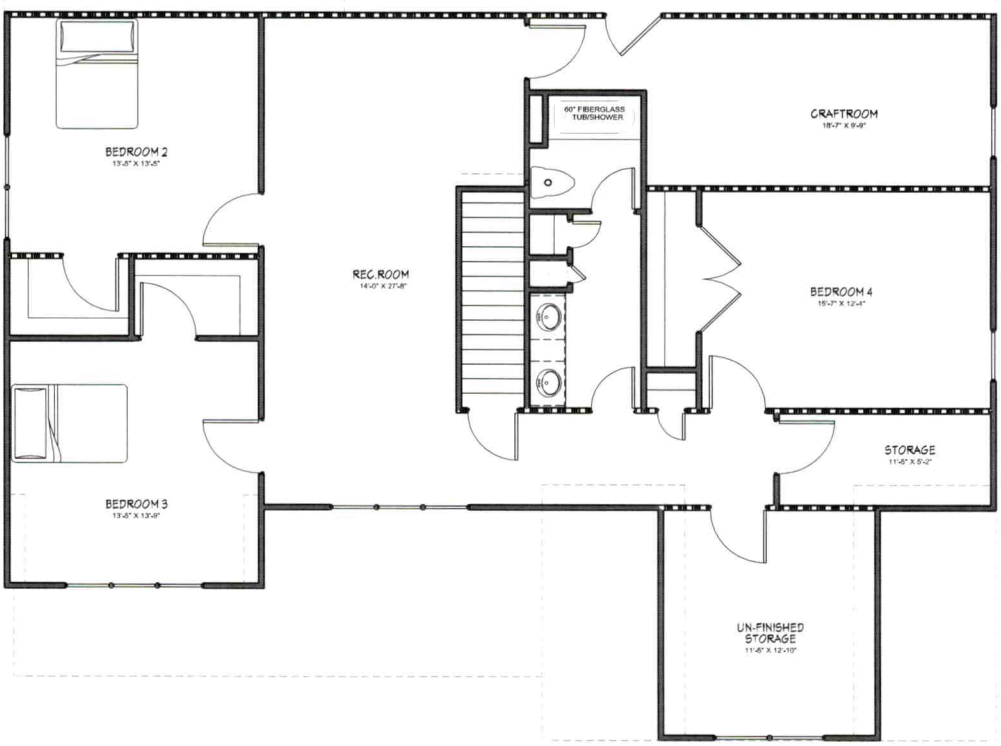
Invoice No.	Fee		Fee Amount	Amount Paid
INV-00030439	Iredell Zoning Permit Fee		$75.00	$75.00
	Iredell Zoning Tech Fee		$2.25	$2.25
	New Gravity System		$500.00	$500.00
		Total for Invoice INV-00030439	$577.25	$577.25
		Grand Total for Permit	**$577.25**	**$577.25**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		05/02/2024 9:12	05/02/2024 9:13
Confirm application complete v.1	Generic Action		05/02/2024 9:13
Zoning Review v.1		05/03/2024 9:52	05/07/2024 9:15
~~Floodplain Admin Overview v.1~~	Task		05/03/2024 9:52
Iredell County Zoning Approval v.1	Task	05/03/2024 9:52	05/03/2024 9:53
Issue Invoice v.1	Generic Action		05/03/2024 9:53
Fees Paid v.1	Generic Action		05/07/2024 9:15
Fees v.1		05/07/2024 10:10	05/07/2024 10:10
Issue Invoice v.1	Generic Action		05/07/2024 10:10
Fees Paid v.1	Generic Action		05/07/2024 10:10
Lot Readiness Verification v.1		05/08/2024 16:49	
OSWP Septic Preliminary Site Visit v.1	Inspection	05/08/2024 16:49	05/08/2024 16:49
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		


(400)
PROPERTY LINE
BUILDING SETBACK
192
1
2
DOUGLAS & ERIN GAITHER
(LOT 1)
1.41 ACRES
DOUGLAS & ERIN GAITHER
(LOT 2)
0.9 ACRES
(ABANDONED PROPERTY LINE)
177
PROPOSED
INSTALL
SEPTIC FIELD
REPAIR AREA
HOUSE LOCATION
54'
36'
5.1'
DRIVEWAY
200
230
259
234
Chestnut Grove Rd
Seven Springs Loop
106
1" = 46.348897654039305 ft

MAIN LEVEL SQ.FT. = 1,758	COVER PORCH SQ.FT. = 491
UPPER LEVEL SQ.FT. = 1,362	GARAGE SQ.FT. = 586
UPPER STORAGE SQ.FT. = 212	




BEDROOM 2
13'-5" X 13'-5"
REC. ROOM
14'-0" X 27'-8"
60" FIBERGLASS TUB/SHOWER
CRAFTROOM
18'-7" X 9'-9"
BEDROOM 4
15'-7" X 12'-4"
STORAGE
11'-5" X 5'-2"
BEDROOM 3
13'-5" X 13'-9"
UN-FINISHED STORAGE
11'-5" X 12'-10"