CW BLDR-2024-44008

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # OSWP-2023-29073

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

PIN # 4840 -- 15 --1924

APPLICANT/OWNER: MATTHEW D. MCLAIN APPLICANT ADDRESS: 448 GETHSEMANE ROAD, STATESVILLE, N.C. 28625

SITE ADDRESS: 448 GETHSEMANE ROAD, STATESVILLE, N.C. 28625 PHONE: 704-902-3718 ALT. PHONE –

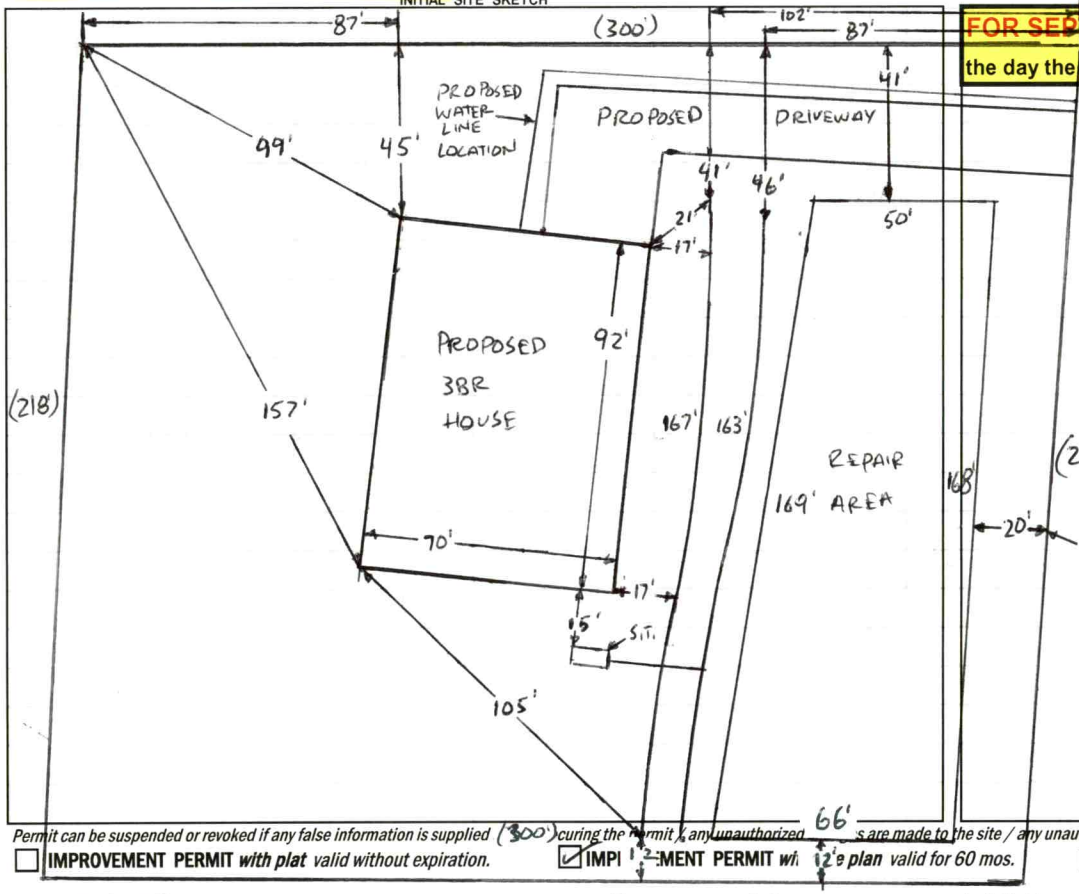
SITE DIRECTIONS: (N) ON 115, (R) ON FRIENDSHIP, (L) ON GETHSEMANE, LOT ON (L) SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: THE PATTY GOODIN COMPTON + ALBERT R + KATHY L NUNEZ PR SECTION: – LOT # 1 LOT AREA: 1.50 AC DESIGN FLOW: 360 GPD L.T.A.R.: 0.275 (0.2) REPAIR

Septic Tank	1000	(gal)	STB	700	Date	5/20/2024	☑ 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:			25% REDUCTION	☐ Other	No. Employees	–	☑ Public	
# Nitrification Fields	1	# Lines		2	Linear Ft	330 FT	Maintenance Agreement Required:	☐ YES	☑ NO		☑ Slab	☐ Crawl Space		☐ Community	
Trench Width	36 IN	Trench Bottom Depth(Low side)		33 IN	Gravel Depth	–		☑ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing			☐ Basement w/o plumbing	

Comments / Conditions: INSTALL ON CONTOUR; INSTALL ON 9FT CENTERS, UTILIZE SERIAL DISTRIBUTION, DO NOT EXCEED A 36IN MAX TRENCH DEPTH, DO NOT SHALLOW UP

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.

1IN = 50 FT

S.T. = SEPTIC TANK

Installed as drawn.

Permit can be suspended or revoked if any false information is supplied during 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 12's 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: Chosen Ground LLC

IMPROVEMENT PERMIT by: Bryant C. White Date: 8-10-2023 OPERATION PERMIT by: Sarah Williams Date: 7/10/2024

AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 1-4-2024 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

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

Sheet 1 of 1
PROPERTY ID #: 4840-15-1924
COUNTY: IREDELL

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

OWNER: MATTHEW D. MCLAIN
APPLICATION DATE 6-23-2023
ADDRESS: 448 GETHSEMANE ROAD, STATESVILLE, N.C. 28625
DATE EVALUATED: 7-18-2023
PROPOSED FACILITY: 3BR
PROPOSED DESIGN FLOW (.1949): 360GPD
PROPERTY SIZE: 1.50 AC
LOCATION OF SITE: 448 GETHSEMANE ROAD, STATESVILLE, N.C. 28625
PROPERTY RECORDED: YES
WATER SUPPLY: Private ✓Public Well Spring Other
EVALUATION METHOD: Auger Boring ✓Pit Cut
TYPE OF WASTEWATER: ✓Sewage Industrial Process Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LINEAR SIDE 5%	0-23	C, ABK	FI, S, P, SEXP	SAP INC THRU OUT Y/B MOTS 0-23" 10YR 7/4 @24"	51"	NA	NA	PS .275 INSTALL @36" MAX
		23-51	CL, WABK	FI, SS, SP, SEXP					
2	LINEAR SIDE 4%	0-9	PLOW LAYER MIXED		SAP INC THRU OUT FEW Y/B MOTS 8"-20"	55"+	NA	NA	PS .275 INSTALL @36" MAX
		9-32	C, ABK	FI, S, P, SEXP					
		32-55	CL, WABK	FI, SS, SP, SEXP					
3	LINEAR SIDE 6%	0-12	PLOW LAYER MIXED		SAP INC THRU OUT Y/B MOTS 10"-38"	54"+ 10YR 6/2 @38"	NA	NA	PS .225 26" MAX TRENCH BOTTOM
		12-42	C, ABK	FI, S, P, SEXP					
		42-54	CL, WABK	FI, SS, SP, SEXP					
4	LINEAR SIDE 7%	0-12	PLOW LAYER MIXED		SAP INC THRU OUT Y/B MOTS 9"-40" 10YR 5/3 @26"	50"+	NA	NA	PS .2
		12-42	C, ABK	FI, S, P, SEXP					
		42-50	CL, WABK	FI, SS, SP, SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	1 0.275	2 0.225
Site LTAR	25%	25%

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Buford C. Wilkie
OTHER(S) PRESENT:

COMMENTS:

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive)	G (Single Grain)
CV (Convex Slope)		LS (Loamy Sand)			EXP (Expansive)	M (Massive)
D (Drainage Way)						CR (Crumb)
DS (Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
FP (Flood Plain)		L (Loam)				SBK (Subangular Blocky)
FS (Foot Slope)						ABK (Angular Blocky)
H (Head Slope)	III	Si (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
L (Linear Slope)		SiCL (Silty Clay Loam)				PR (Prismatic)
N (Nose Slope)		CL (Clay Loam)				
R (Ridge)		SCL (Sandy Clay Loam)			**MOIST**	**WET**
S (Shoulder Slope)		SiL (Silt Loam)				
T (Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SiC (Silty Clay)			FI (Firm)	S (Sticky)
		C (Clay)			VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None	None	EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

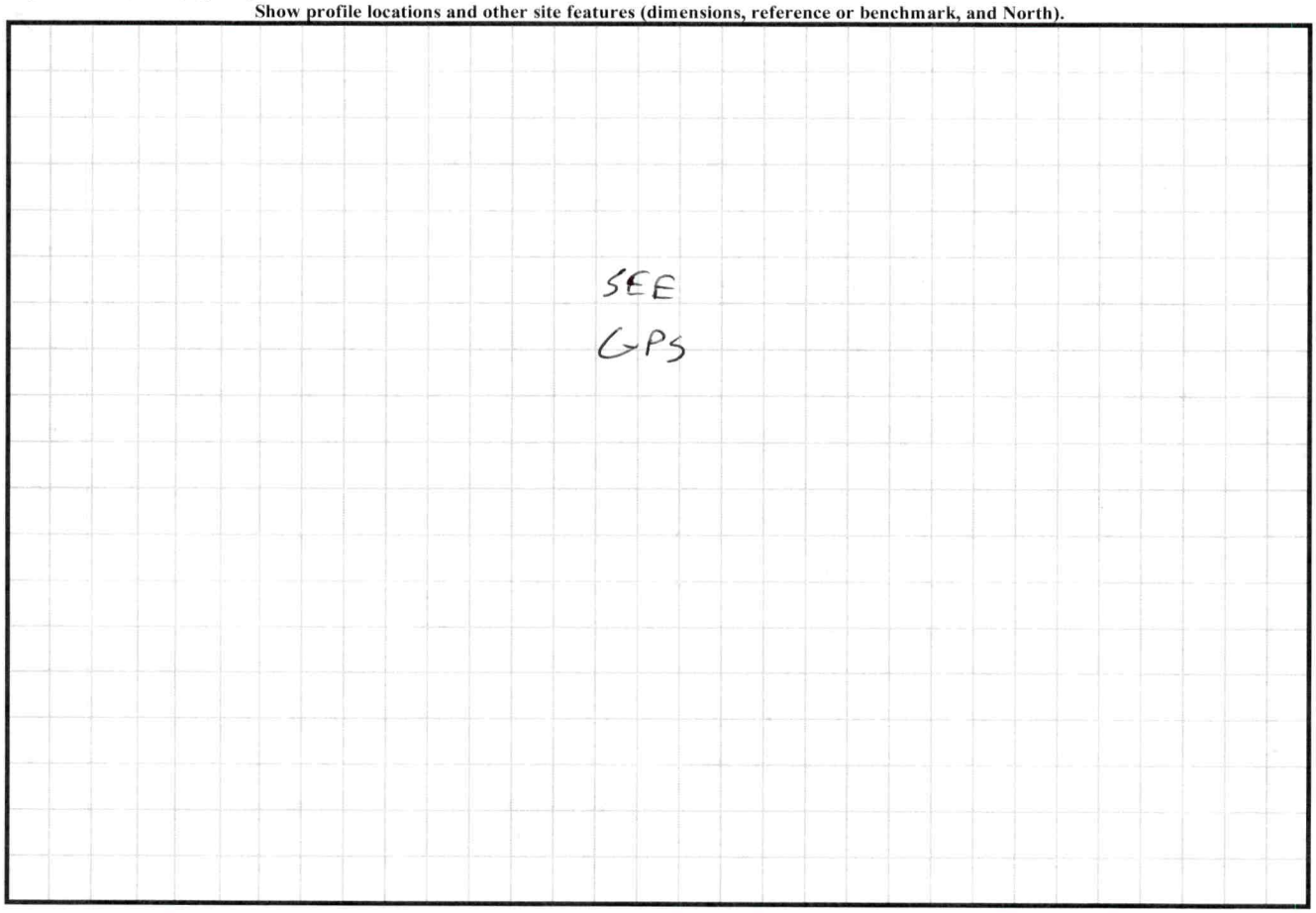
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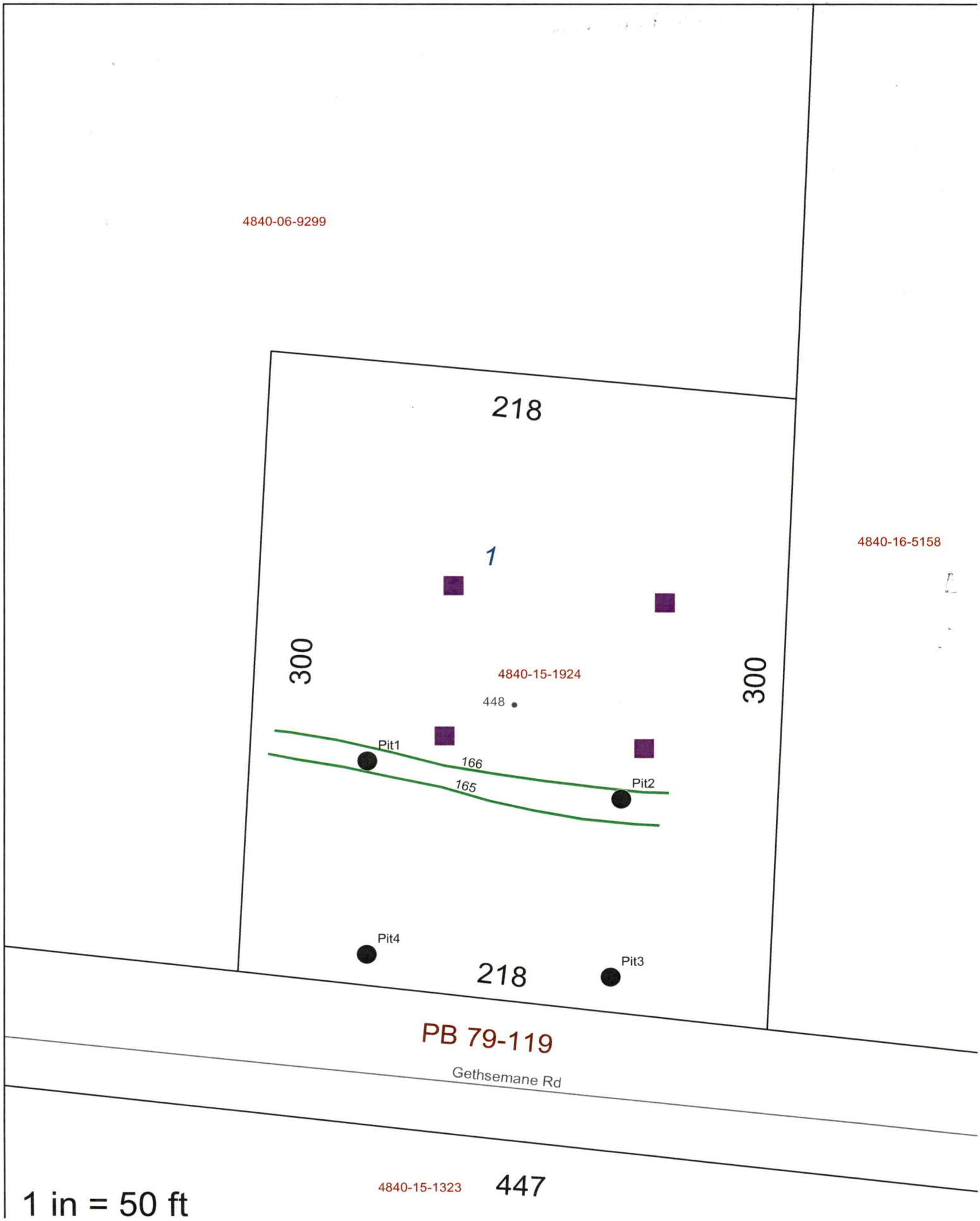
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

Evaluation of saprolite shall be by pits.

Long-term Acceptance Rate (LTAR): gal/day/ft^2

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




4840-06-9299
218
1
4840-16-5158
300
4840-15-1924
448
300
Pit1
166
165
Pit2
Pit4
218
Pit3
PB 79-119
Gethsemane Rd
4840-15-1323
447
1 in = 50 ft

PERMIT SNAPSHOT REPORT OSWP-2023-29073 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	06/23/2023
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: About to build a house and we need a perc test done...we have never done this before, let me know if something isn't correct. 60'x60' slab..1750sqft

Parcel:	4840151924.000 Main	**Address:**	448 Gethsemane Rd Statesville, NC 28625 Main	**Zone:**	RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent
Matthew D McLain	Matthew D McLain
448 Gethsemane Rd	448 Gethsemane Rd
Statesville, NC 28625	Statesville, NC 28625
Mobile: (704) 902-3718	Mobile: (704) 902-3718

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	60'*60' slab with a 25'*25' pad for parking. house being 42'x35' with a 25'x25' garage
What are the proposed structures	New Single Family Residence	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	4	Foundation Type	Concrete Slab Foundation
Residential/Business/Other	Residential	Water Supply	Municipal Water	Desired Septic System Type	No Preference
Lot Acreage	1.5	Front Setback	35	Back Setback	35
Left Setback	15	Right Setback	15	Zoning Permit Issued Date	Jun 28 2023 12:00AM
Zoning Permit Expiration Date	Dec 25 2023 12:00AM	Additional Unique Setbacks Apply	No	Watershed	NOT IN A WATERSHED

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Matthew_McLain_6/23/2023.jpg	06/23/2023 15:38	McLain, Matthew		Uploaded via CSS
EL1-Model.pdf	06/23/2023 16:29	Hart, Ronda	Available Online	Revised FP
fp1-Model.pdf	06/23/2023 16:29	Hart, Ronda	Available Online	Revised FP
Scan Jun 23, 2023 (2)_v1.pdf	06/23/2023 16:30	Hart, Ronda	Available Online	Authorize to Act as Agent
Scan Jun 23, 2023 (1)_v1.pdf	06/27/2023 15:12	Bailey, Julia	Available Online	Site Plan

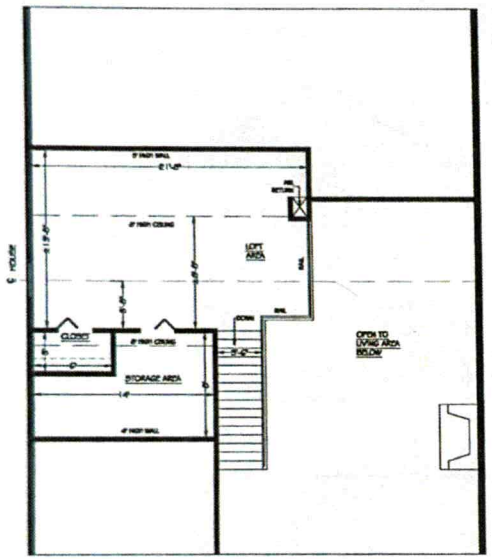
Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-110429	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	07/05/2023	07/05/2023 0:00	07/05/2023 0:00	07/05/2023 10:46	07/05/2023 10:46

Inspectors: Holland, Sydney (Primary)

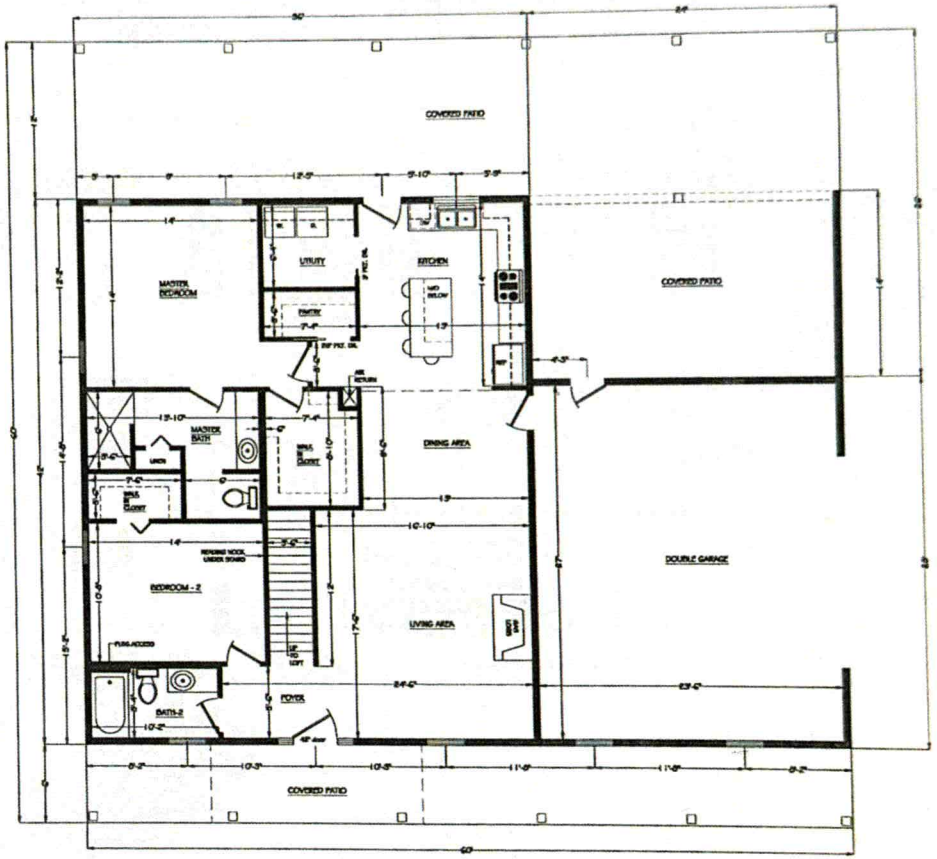
Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general comments, not specific to any other checklist item	No	

[redacted]

[redacted]



UPPER LEVEL



MAIN LEVEL

1512 SQ. FT. HEATED SPACE - MAIN LEVEL
200 SQ. FT. HEATED SPACE - UPPER LEVEL
INTERIOR WALLS SHOWN @ 4"
EXTERIOR WALLS SHOWN @6" (2X6 STUDS)
DOORS TO BE 2'6 UNLESS NOTED
9' CEILING HEIGHT - MAIN LEVEL
HOUSE TO BE BUILT ON SLAB FOUNDATION

NOT FINAL DWGS.

JOB: Kendra & Matthew McLain

FLOOR PLAN - Main Level FP- 1