SH BIAR-2023-40635 OSWP 2023

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 37994

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

PIN # 4742 -- 08 -- 9520

APPLICANT/OWNER: John A. McCormick APPLICANT ADDRESS: 248 Ashmore Cir. Troutman NC 28166

SITE ADDRESS: 341 Moose Club Rd Statesville NC 28677 PHONE: 412 997 26576 ALT. PHONE —

SITE DIRECTIONS: Hwy 21S → L Amity Hill Rd → R Moose Club Rd → on R SAP CONTROLLED: ☐ YES ☒ NO

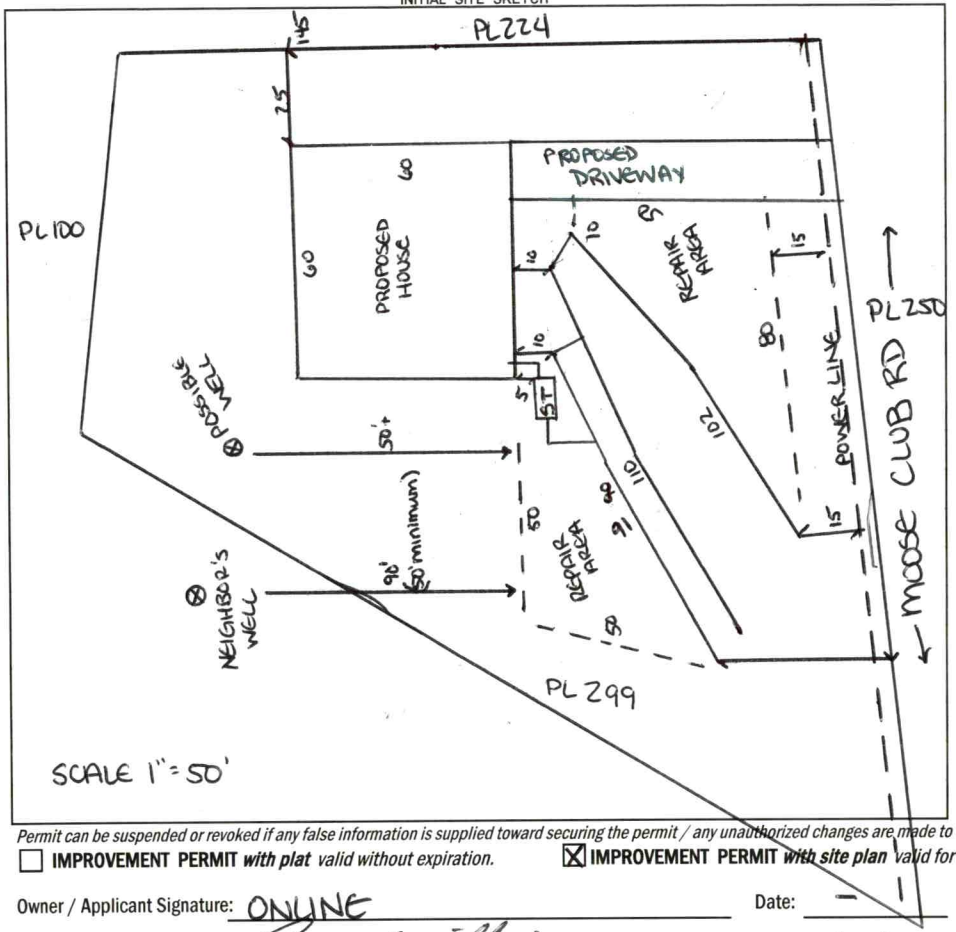
SUBDIVISION: — SECTION: — LOT # — LOT AREA: 1.03 Ac DESIGN FLOW: 360 L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB 760	Date	2-18-2024	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 3
Pump Tank		(gal)	PT	Date		System Description:	Gravity 25% Reduction			☐ Business	No. Persons 6
Pump Make		Model		Serial #		Repair System Description:	25% Reduction			☐ Other	No. Employees
# Nitrification Fields	1	# Lines	3	Linear Ft	300	Maintenance Agreement Required:	☐ YES	☒ NO		☒ Slab	☐ Crawl Space
Trench Width	36"	Trench Bottom Depth(Low side)	32"	Gravel Depth	—		☒ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Install on contour 9' on center. Utilize serial distribution. Do not exceed 36" maximum trench depth.

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.

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 Date: — Installed by: MAIDEN GRADING

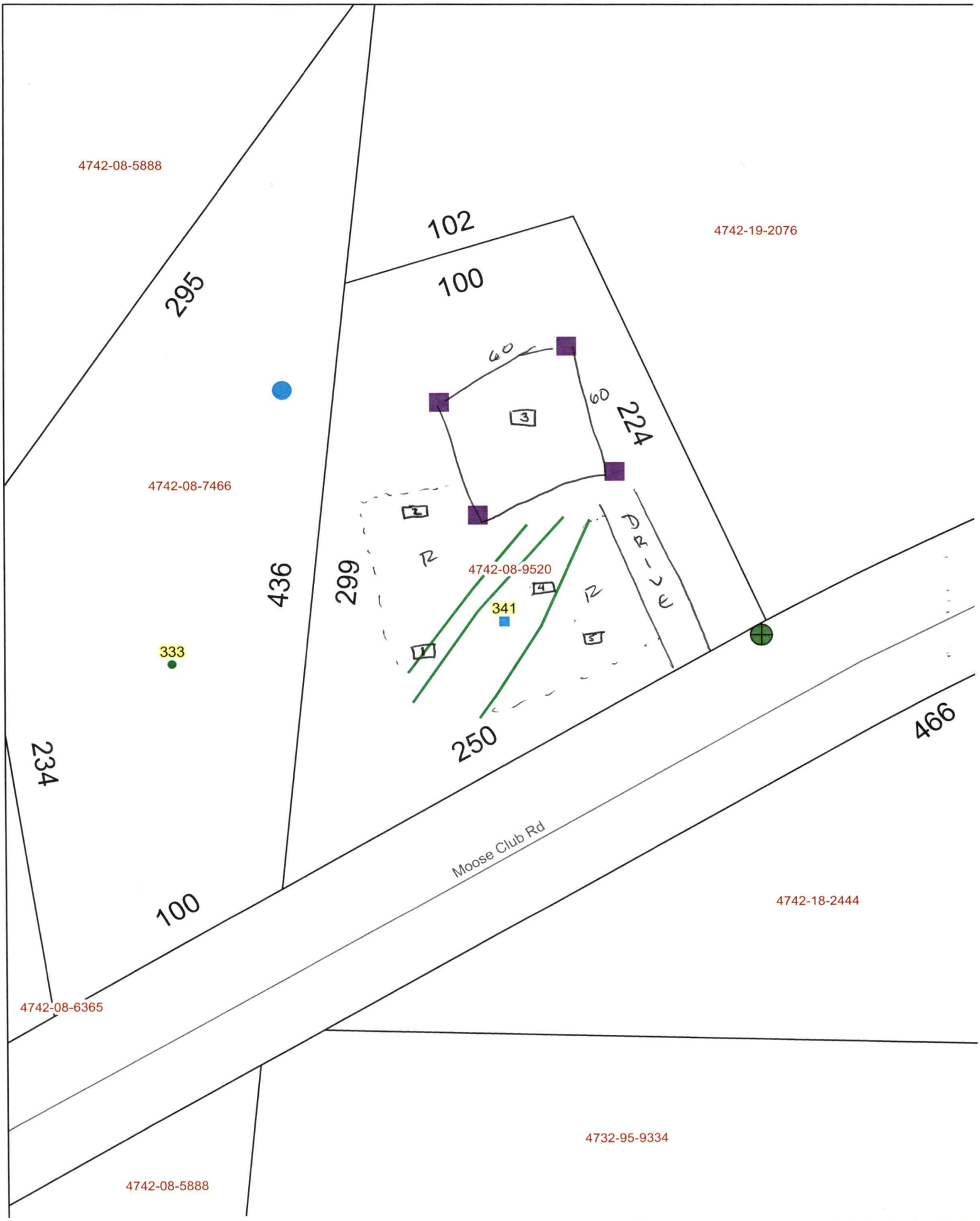
IMPROVEMENT PERMIT by: Sarah Williams Date: 10/27/2023 OPERATION PERMIT by: Burnett C. White Date: 4-18-2024

AUTHORIZATION TO CONSTRUCT by: Sarah Williams Date: 10/27/2023 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? _____	


4742-08-5888
102
4742-19-2076
100
295
60
60
224
3
4742-08-7466
2
R
4742-08-9520
299
436
4
R
DRIVE
341
1
3
333
234
250
466
Moose Club Rd
100
4742-18-2444
4742-08-6365
4732-95-9334
4742-08-5888

PERMIT SNAPSHOT REPORT OSWP-2023-37994 FOR IREDELL COUNTY

Permit Type:	Environmental Health OSWP	**Project:**		**App Date:**	10/02/2023
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:**	Bracken, Sarah	**Approval Expire Date:**	

Description: 3 bedroom 2 bathroom 1700 sq ft ranch 10/02 Sent email GM 10/03 Spoke to John "Andy" McCormick. He will call when site is ready GM 10/17 Andy sent email site ready. GM 10/18 Site ready **See Notes** GM

Parcel: 4742089520.000 Main	**Address:** 341 Moose Club Rd Statesville, NC 28677 Main	**Zone:** RA(Residential Agricultural District)

Property Owner
Terry K Smith
PO Bob 2210
Boca Grande, FL 33921

Applicant/Authorized Agent
John A McCormick
248 Ashmore Circle 248
Ashmore Circle
Troutman, NC 28166
Business: (412) 997-2656

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	55x55
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	2	Foundation Type	Concrete Slab Foundation
Residential/Business/Other	Residential	Water Supply	New Well	Desired Septic System Type	Conventional (most common)
Has this project been approved by TRC	No	Lot Acreage	1.03	Front Setback	35
Back Setback	35	Left Setback	15	Right Setback	15
Zoning Permit Issued Date	Oct 2 2023 12:00AM	Zoning Permit Expiration Date	Mar 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_John_McCormick_10/2/2023.jpg	10/02/2023 11:24	McCormick, John		Uploaded via CSS
341 MOOSE CLUB RD AUTHORIZATION TO ACT AS AGENT FOR OWNER.pdf	10/02/2023 11:34	Sloan, Chrystal		
341 MOOSE CLUB RD SITE PLAN.pdf	10/02/2023 11:37	Sloan, Chrystal		
341 MOOSE CLUB RD REVERSE FLOOR PLAN GAR ON RIGHT.pdf	10/02/2023 11:38	Sloan, Chrystal		

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-152854	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	10/18/2023	10/18/2023 0:00	10/18/2023 0:00	10/18/2023 16:54	10/18/2023 16:54

Inspectors: McLeod, Grace (Primary)

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

PERMIT SNAPSHOT REPORT (OSWP-2023-37994)

Note	Created By	Date and Time Created
1. 10/03 Spoke to John "Andy" McCormick. He will call when site is ready GM	Grace McLeod	10/03/2023 10:49
2. 10/17 Andy sent email site ready GM	Grace McLeod	10/17/2023 15:37
3. 10/18 Site Ready ** Put two pink ribbons in middle of lot by road where I kind of cleared a path into lot. GM	Grace McLeod	10/18/2023 16:53

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00021512	Iredell Zoning Tech Fee	$2.25	$2.25
	Iredell Zoning Permit Fee	$75.00	$75.00
	New Gravity System	$500.00	$500.00
	Total for Invoice INV-00021512	$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		10/02/2023 11:43	10/02/2023 11:43
Confirm application complete v.1	Generic Action		10/02/2023 11:43
Fees v.1		10/02/2023 11:52	10/02/2023 12:00
Issue Invoice v.1	Generic Action		10/02/2023 11:52
Fees Paid v.1	Generic Action		10/02/2023 12:00
Lot Readiness Verification v.1		10/18/2023 16:54	
OSWP Septic Preliminary Site Visit v.1	Inspection	10/18/2023 16:54	10/18/2023 16:54
OSWP Site Evaluation v.1	Inspection		
Zoning Review v.1		10/02/2023 11:43	10/02/2023 11:58
~~Floodplain Admin Overview v.1~~	Task		10/02/2023 11:43
Iredell County Zoning Approval v.1	Task	10/02/2023 11:43	10/02/2023 11:58
Issue Invoice v.1	Generic Action		10/02/2023 11:43
Fees Paid v.1	Generic Action		10/02/2023 11:58
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		

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

Sheet 1 of 2
PROPERTY ID #:
COUNTY: IREDELL
4742-08-9520

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

OWNER: John A. McCormick
ADDRESS: 248 Ashmore Cir. Troutman NC 28166
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: 341 Moose Club Rd Statesville NC 28677
APPLICATION DATE: 10/02/23
DATE EVALUATED: 10/25/23
PROPERTY SIZE: 1.03 AC
PROPERTY RECORDED: Y

WATER SUPPLY: Private Public (Well) Spring Other POSSIBLE PUBLIC WATER ACESS
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	LS 8-9%	0-21	C SABK	SS SP SE FR	10 R 4/6 MATRIX	(49)		—	PS 0.3
		21-49	CL ABK	↓					
					few SAP incl / mica in CL 21"-49"				
2	LS 8-9%	0-11	SCL SBK	SS SP SE FR		(48)		—	PS 0.3
		11-25	C ABK	↓					
		25-48	CL ABK		few SAP / mica in CL 25"-48"				
3	LS 8-9%	0-9	SCL SBK	SS SP SE FR	2.5Y 6/2 @ 15"-18"				U
		9-28	C SABK	S P SE FR	YB throughout C 9-28	(48)		—	
		28-48	CL ABK	SS SP SE FR	C SABK to PLATY TENDENCIES				
					few SAP in CL 28"-48"				
4	LS 9-11%	0-23	C ABK	SS SP SE FR		(48)		—	PS 0.3
		23-48	CL ABK	↓					
					Rock intrusion on one side of pit N/C				
					Heavy SAP in CL 23"-48"				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	300'	300'
System Type(s)	G 25%	G 25%
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: S. Williams
OTHER(S) PRESENT: —

COMMENTS:

Updated February 2014

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.

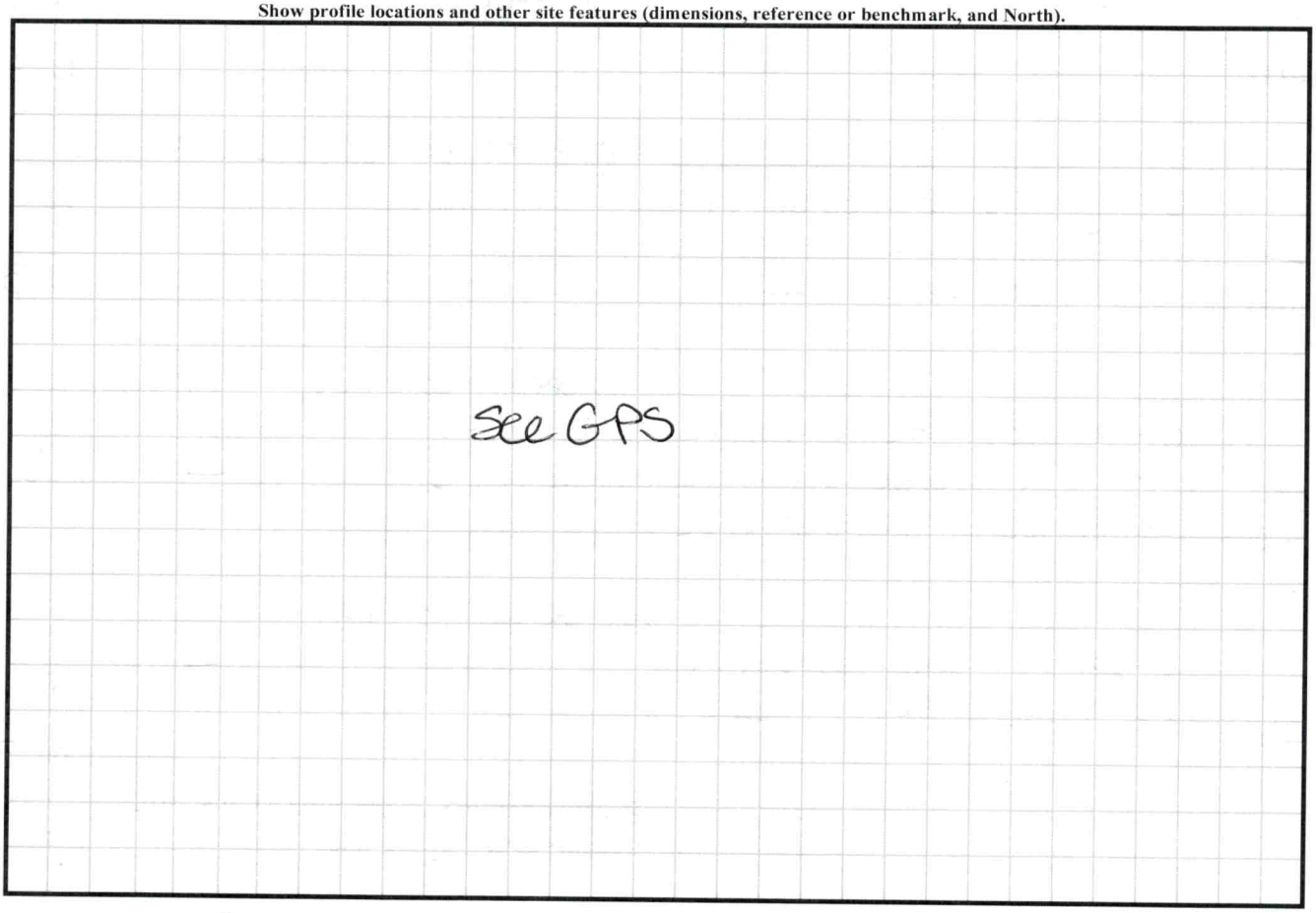
NOTES

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).



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

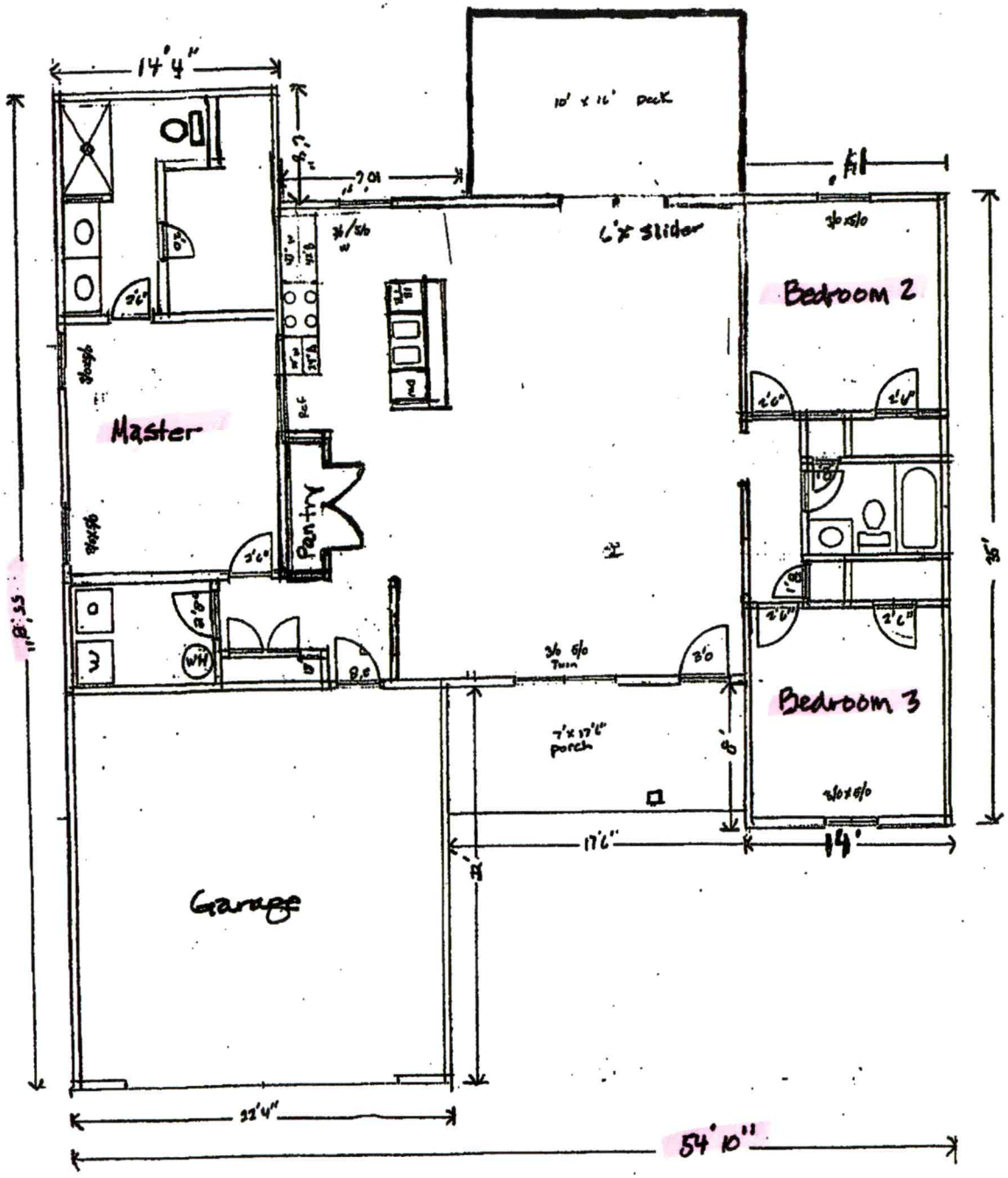
PROPERTY ID #: 4742-08-9520
DATE OF EVALUATION: 10/25/2023
COUNTY: IREDELL

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZ ON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
5	LS 9-11%	0-23	C ABK	SS SPSE FR		(48)		—	PS 0.3
		23-48	CL ABK	SS SP SE FR					

heavy SAP / few rocks in CL

COMMENTS: ____


Iredell County, North Carolina : MapGeo
Zoom To
Share
Print
341 moose club rd
Tax Map
Search
Selection
Themes
Markup
Abutters
Setbacks
Front/Rear 35'
Side - 15'
100
35'
Septic Area
224
60'
Proposed House
60'
341
299
436
20'
WELL
DRIVE WAY
40'
170'
POWER LINE
250
125
62.5
15'
35'
341 Moose Club RD.
Moose Club
N
Report a map error (https://www.google.com/maps/@35.7370763,-80.8840055,20z/data=!10m1!1e1!12b1?source=apiv3&rapsrc=apiv3)
(https://www.google.com/maps?q=35.737165,-80.884319,20z?hl=en-US)
35.737165,-80.884319



Reverse Plan

Garage on right side

JOHN R McCORNICK CONTRACTING, LLC
:704.528.7883
:112 CREWS LANE, STATESVILLE

Heated ⌀ 1688
Garage ⌀ 491
Porch ⌀ 122
Patio ⌀ 160