ICHD - ENVIRONMENTAL HEALTH DIVISION

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

CW

BLDR-2024-55853

PERMIT: OSWP-2024-48969

PIN # 4723-61-2331

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

APPLICANT/OWNER: MOOREFIELD BUILDERS, INC. APPLICANT ADDRESS: 1516 MOCKVILLE HIGHWAY, STATESVILLE, N.C. 28625

SITE ADDRESS: 112 BRANDYWINE LOOP, STATESVILLE, N.C. 28677 PHONE: 704-880-6620 ALT. PHONE 704-682-4450

SITE DIRECTIONS: (W) ON 70; (L) ON BUFFALO SHOALS, (R) ON ~~BRANDVIEW~~, (R) ON BRANDYWINE, LOT ON (R) SAP CONTROLLED: [x] YES [ ] NO

SUBDIVISION: GLEN RIDGE SECTION: 1 LOT # 4 LOT AREA: 1.84AC DESIGN FLOW: 360 GPD L.T.A.R.(Initial): 0.3 L.T.A.R (Repair): 0.3

Septic Tank	1000	(gal)	STB	1012	Date	4/16/24	[x] New System	[ ] Repair	[ ] Expansion	System Type: I II (III) IV V VI	
Pump Tank	–	(gal)	PT	–	Date	–	System Description:	25% REDUCTION			
Pump Make	–	Model	–		Serial #	–	Repair System Description:	25% REDUCTION			
# Nitrification Fields	1	# Lines	4		Linear Ft	300FT	Maintenance Agreement Required:	[ ] YES	[x] NO		
Trench Width	36IN	*Max. Trench Depth(Initial)	28IN		*Max. Trench Depth(Repair)	28IN	Gravel Depth	–	[x] GRAVITY	[ ] PRESSURE	

* Measured on the downhill side of the trench

Effluent Standard: [x] DSE [ ] HSE [ ] TS-I [ ] TS-II [ ] RCW [ ] NSF/ANSI 40 Usable Depth to LC (Initial): 46 IN Usable Depth to LC (Repair): 46 IN *Limiting Condition*

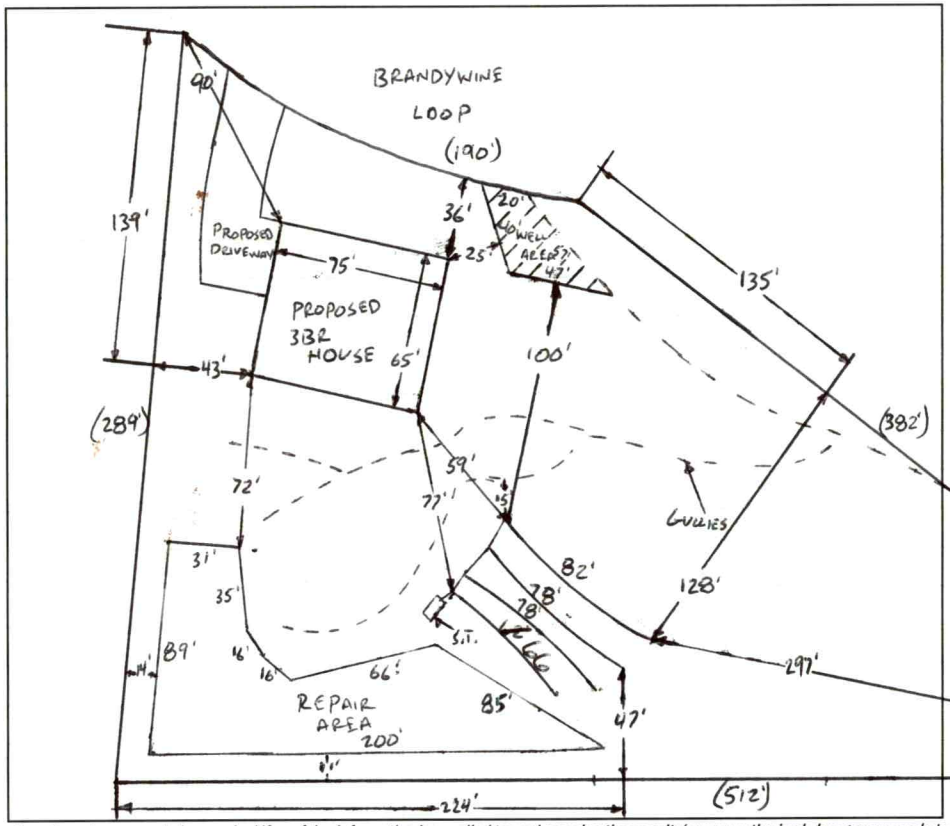
[x] Residence [ ] Business [ ] Other [ ] Slab [ ] Basement w/plumbing

No. Bedrooms 3 No. Persons 6 No. Employees – [x] Crawl Space [ ] Basement w/o plumbing

Water Supply: [x] Private [ ] Public [ ] Community

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS UTILIZE SERIAL DISTRIBUTION, DO NOT EXCEED A 34IN MAX TRENCH DEPTH (HIGHSIDE), ALL GULLIES THAT DO NOT MEET A 15FT SET-BACK MUST BE FILLED

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 = 80 FT

S.T. = SEPTIC TANK

Installed as Drawn

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.* [x] **IMPROVEMENT PERMIT** ***with site plan*** *valid for 60 mos.* [x] **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: ONLINE SIGNATURE Date: – Installed by: Piedmont Backhoe

IMPROVEMENT PERMIT by: Bryant C. White Date: 4-24-2024 OPERATION PERMIT by: Cory Mitchell Date: 10/22/24

AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 4-24-2024 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? _____	

SOIL/SITE EVALUATION

(Continuation Sheet-Complete all field in full)

Sheet 1 of 1

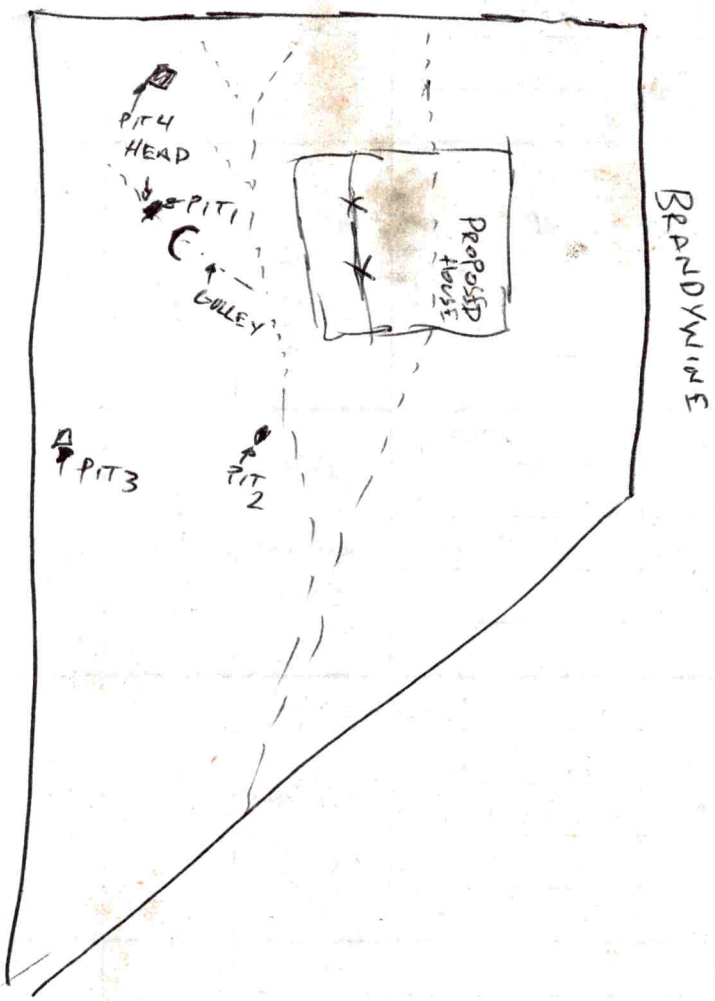
DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

PROPERTY ID #: 4723-68-2-4450
DATE OF EVALUATION: 4-3-2024
COUNTY: IREDELL

112 BRANDYWINE LOOP, STATESVILLE, N.C, 28677

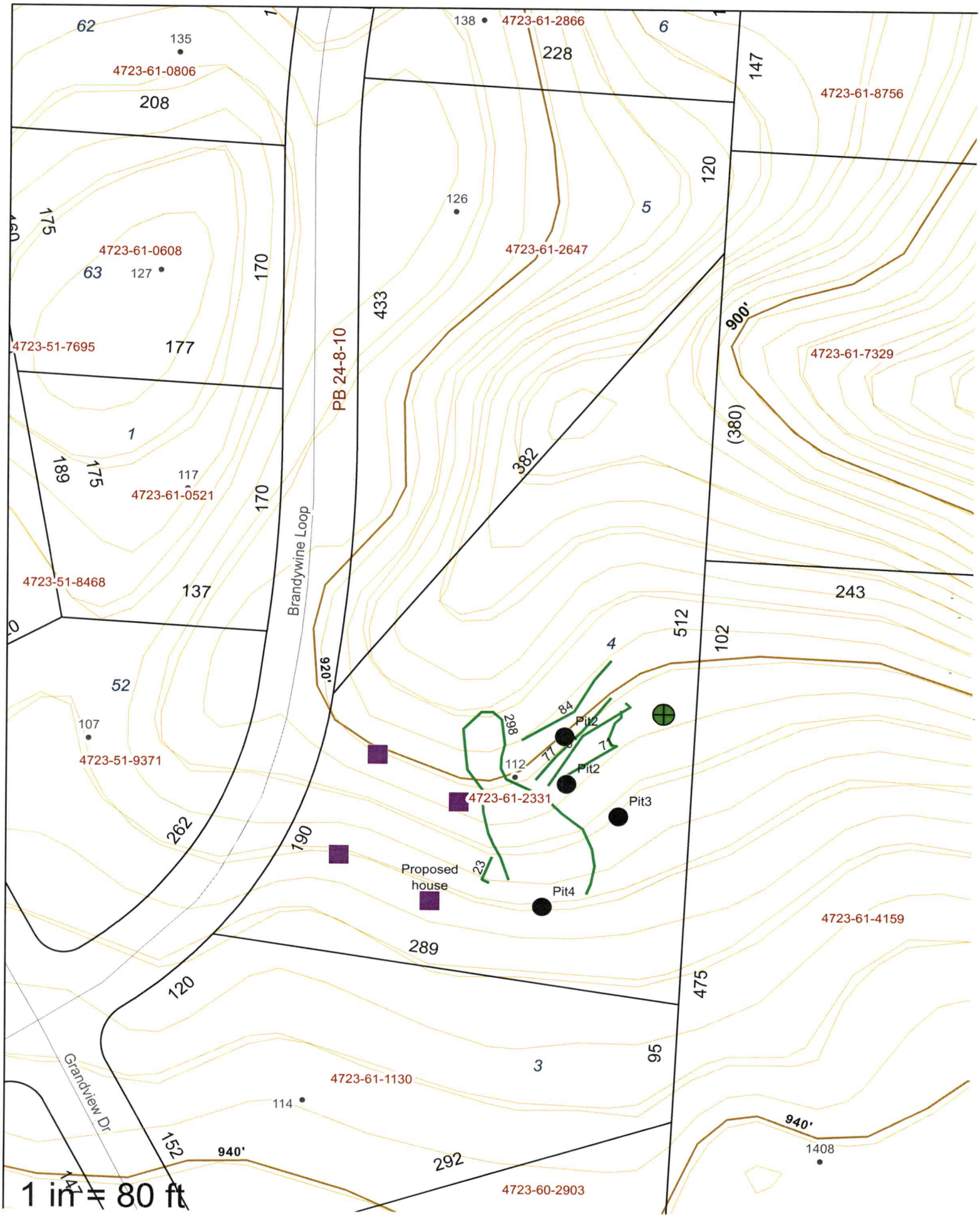
PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	HEAD 5%	0-17	~~SCL~~, SBK	FR, S, P, SEXP	SAP INC THRU OUT QUARTZ PEBBLES COMMON	42"	PS II SL	N/A	PS .3 46" USABLE
		17-42	CL, WABK	FR, SS, SP, SEXP					
		42-50	~~SAP~~ MAS	V-FR, NS, NP, SEXP					
2	LINEAR SIDE 7%	0-6	SCL, SBK	FR, SS, SP, SEXP	SAP INC COMMON 24"+	54"	N A	N/A	PS .3
		6-42	C, SBK	FR, S, P, SEXP					
		42-54	CL, WABK	FR, SS, SP, SEXP					
3	LINEAR SIDE 4%	0-7	SCL, SBK	FR, SS, SP, SEXP	SAP INC COMMON 20"+	50"+	N/A	N A	PS .3
		7-29	C, SBK	FR, S, P, SEXP					
		29-50	CL, WABK	FR SS, SP, SEXP					
4	LINEAR SIDE NOSE 8%	0-8	SCL, SBK	FR, SS, SP, SEXP	SAP INC COMMON 36"+	49"+	N/A	N A	PS .3
		8-40	C, SBK	FR, S, P, SEXP					
		40-49	CL, WABK	FR, SS, SP, SEXP					

COMMENTS:



- - - - = GULLEY

NTS


62
135
4723-61-0806
208
138
4723-61-2866
228
6
147
4723-61-8756
175
4723-61-0608
63
127
170
126
5
120
4723-61-2647
433
PB 24-8-10
900'
4723-61-7329
4723-51-7695
177
1
189
175
117
4723-61-0521
170
382
(380)
Brandywine Loop
4723-51-8468
137
243
920'
4
512
102
52
107
4723-51-9371
298
84
Pit2
71
112
Pit2
4723-61-2331
Pit3
262
190
Proposed
house
23
Pit4
4723-61-4159
289
120
475
95
3
Grandview Dr
4723-61-1130
114
940'
152
940'
1408
292
4723-60-2903
1 in = 80 ft

PERMIT SNAPSHOT REPORT OSWP-2024-48969 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	03/12/2024
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: applying for I/P - A/C - for a possible building site for new home

Parcel: 4723612331.000 Main	**Address:** 112 Brandywine Loop Statesville, NC 28677 Main	**Zone:** R-20(Suburban Residential District)

Applicant/Authorized Agent
MOOREFIELD BUILDERS INC
1516 Mocksville Hwy. 429
FIFTH CREEK RD.
STATESVILLE, NC 28625
Business: (704) 880-6620
Mobile: (704) 682-4450

Property Owner
Sidney R Alford
114 Grandview Dr
Statesville, NC 28677-8460

Glen Ridge 4 1.84 acres

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	Home dimensions - 74'x65'
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	Crawl Space Foundation
Residential/Business/Other	Residential	Water Supply	New Well	Desired Septic System Type	Conventional (most common)
Lot Acreage	1.84	Front Setback	35	Back Setback	35
Left Setback	15	Right Setback	15	Zoning Permit Issued Date	Mar 21 2024 12:00AM
Zoning Permit Expiration Date	Sep 17 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

Type of Hold	Created By	Date Created	Hold Origin	Comments	Active
Awaiting Additional Documents	Julia Bailey	03/13/2024 16:22	OSWP-2024-48969	need setback measurements all 4 sides of the property line on the site plan	No

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature___3/12/2024.jpg	03/12/2024 11:08	,		Uploaded via CSS
Authorization to Act as Agent for Owner_v1.pdf	03/12/2024 13:28	,	Available Online	
Site Plan_updated_v2.pdf	03/21/2024 8:49	,	Available Online	

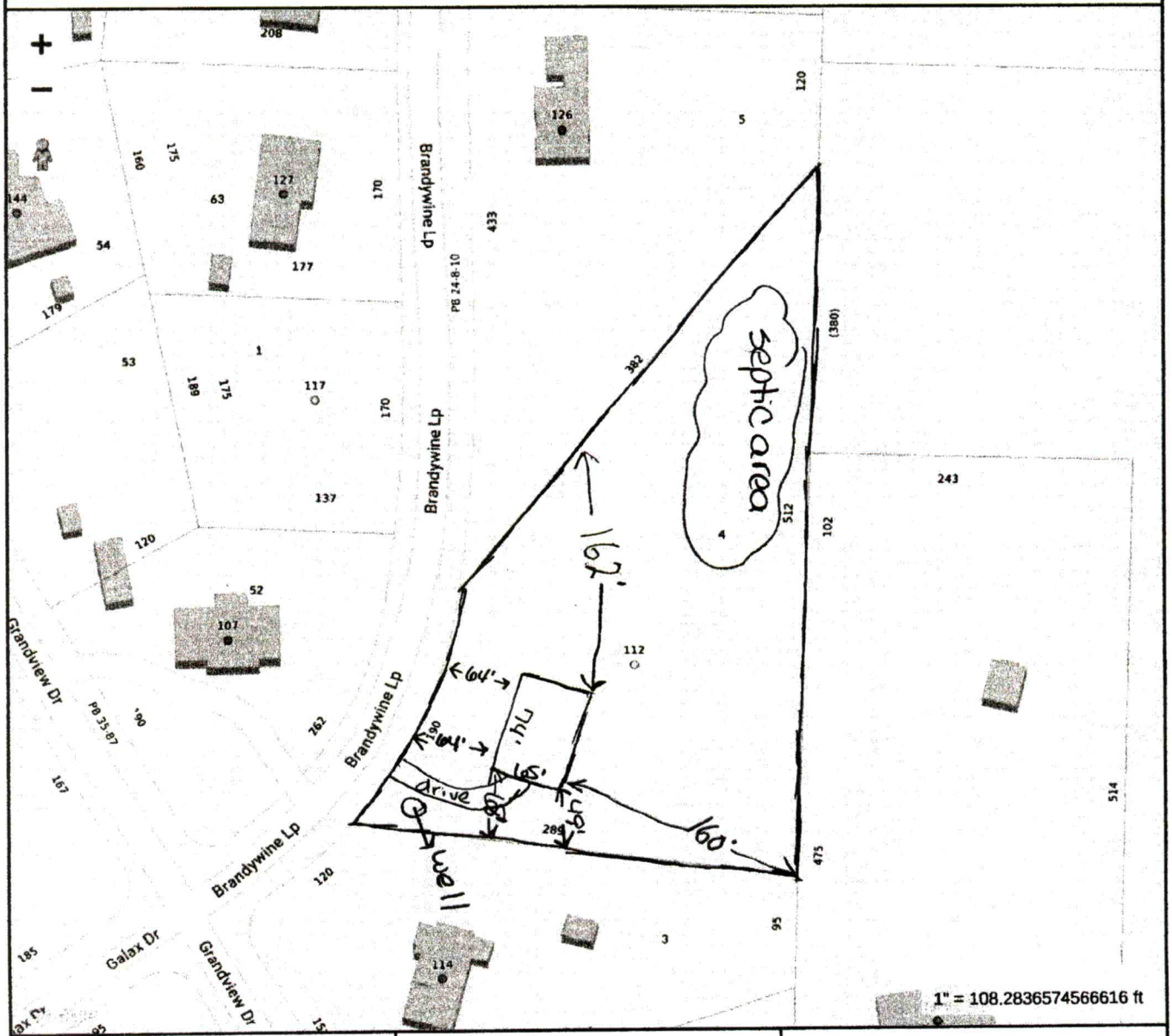
Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-200811	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	03/25/2024	03/25/2024 0:00	03/25/2024 0:00	03/25/2024 16:48	03/25/2024 16:48

Inspectors: Moore, Bradley (Primary)

Checklist Item	Description	Passed	Comments

Iredell County, North Carolina

March 12, 2024



IREDELL

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

Iredell County, North Carolina makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

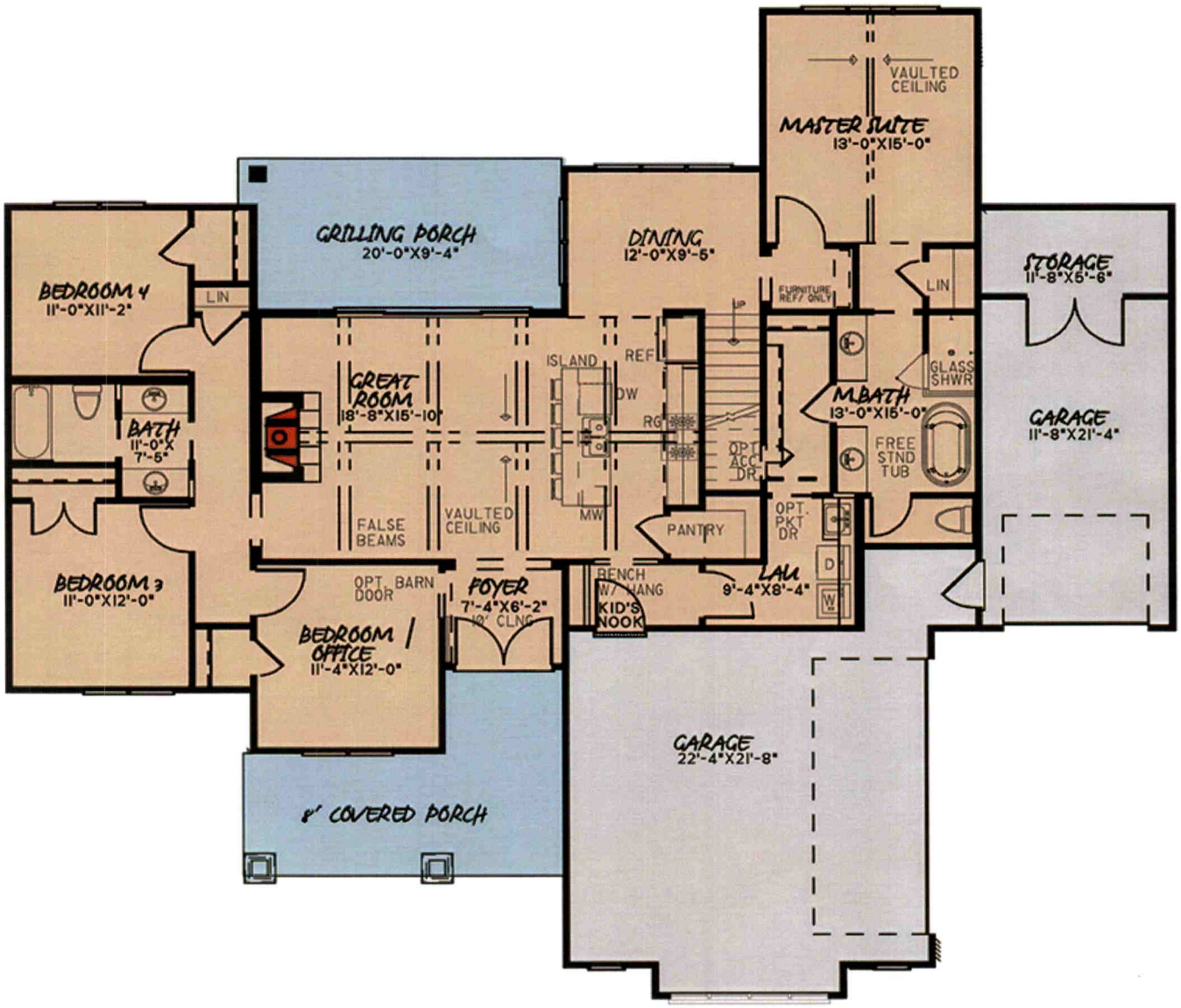
Geometry updated 02/20/2024
Data updated 11/14/2023

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.

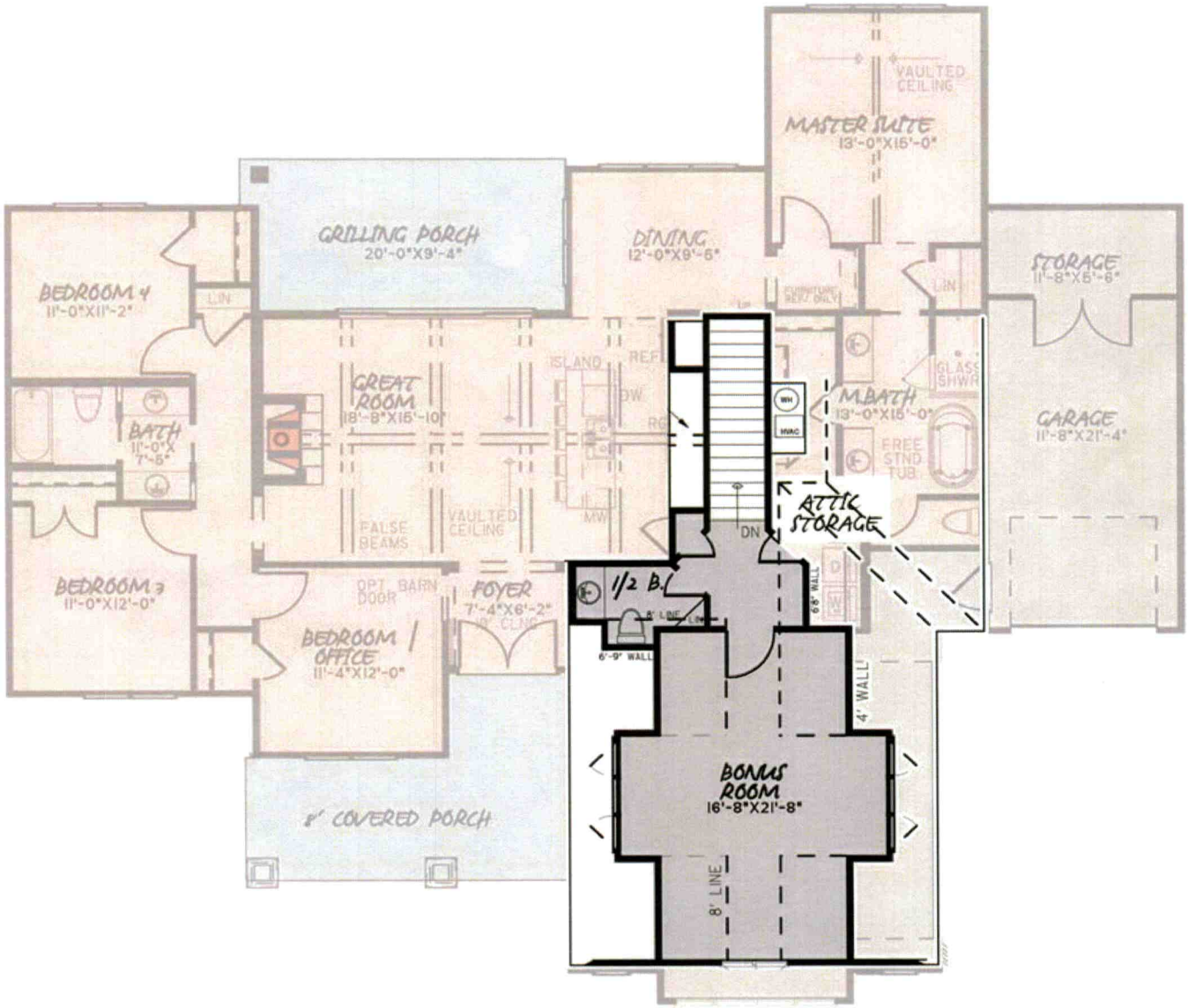
Architectural Designs

Plan 70647M

Main Level



Bonus with Half Bath



Main Level Basement Stair Location

