BLDR 2023-13137

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP# 329772

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

PIN # 4703 -- 62 -- 7249

APPLICANT/OWNER: AARON BRADSHAW APPLICANT ADDRESS: 5005 BRICKFIELD STREET, HICKORY, N.C, 28651

SITE ADDRESS: 367 MORROW FARM ROAD, STATESVILLE, N.C. 28677 PHONE: 828-270-9663 ALT. PHONE 828-455-7298

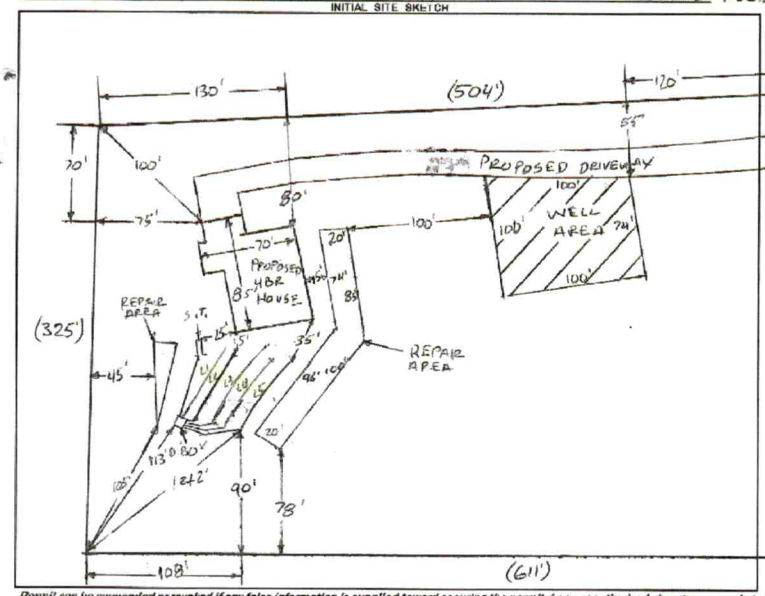
SITE DIRECTIONS: (VI) ON 70, (L) ON MORROW FARM, LOT ON (L) SAP CONTROLLED: ☑ YES ☐ NO

SUBDIVISION: — SECTION: — LOT # — LOT AREA: 4.234 AC DESIGN FLOW: 480 GPD L.T.A.R.: 0.225

Septic Tank	1000	(gal)	STB	7160	Date	6/24/23	☑ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms	4	Water Supply
Pump Tank	—	(gal)	PT	—	Date	—	System Description:	50% REDUCTION - PPBPS HORIZONTAL			☐ Business	No. Persons	8	☑ Private
Pump Make	—	Model		—	Serial #	—	Repair System Description:	50% REDUCTION			☐ Other	No. Employees	—	☐ Public
# Nitrification Fields	1	# Lines		6	Linear Ft	360 FT	Maintenance Agreement Required:	☐ YES	☑ NO		☐ Slab	☑ Crawl Space		☐ Community
Trench Width	36 IN	Trench Bottom Depth(Low side)		34 IN	Gravel Depth	—		☑ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing			☐ Basement w/o plumbing

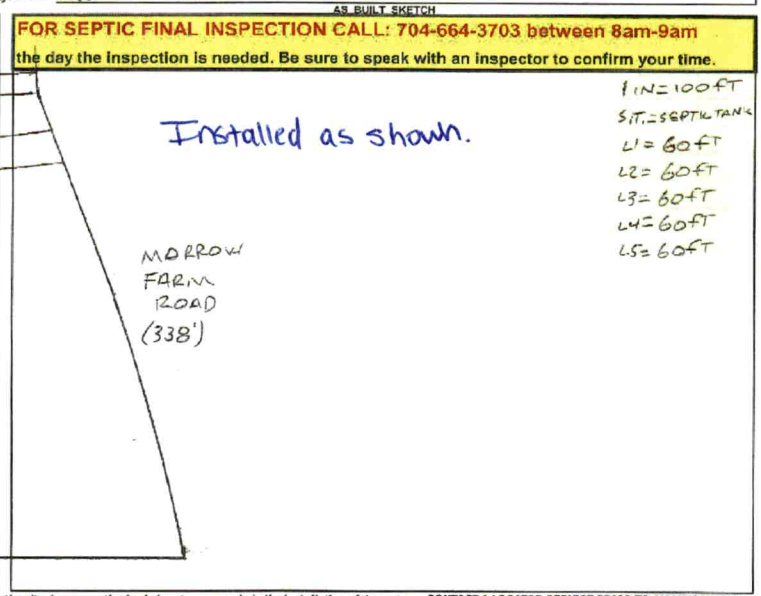
Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT LENTERS UTILIZE EQUAL DISTRIBUTION, DO NOT EXCEED A 40 IN MAX TRENCH DEPTH, DO NOT SHALLOW UP. PRE-CONSTRUCTION MEETING RECOMMENDED

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.



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**

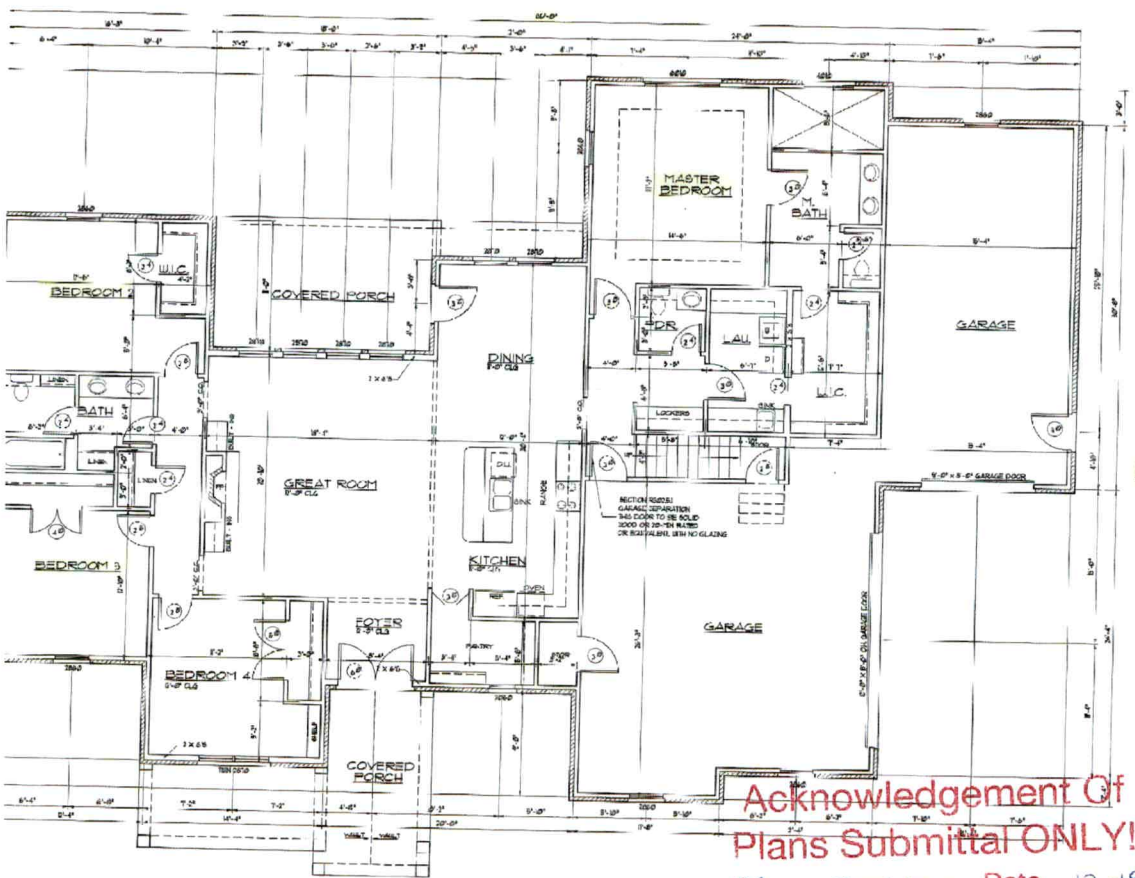
☐ **IMPROVEMENT PERMIT** *with plat* valid without expiration. ☑ **IMPROVEMENT PERMIT** *with site plan* valid for 60 mos. ☑ **AUTHORIZATION TO CONSTRUCT** valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.

Owner / Applicant Signature: Aaron Bradshaw Date: 12-19-2022 Installed by: Malden Grading

IMPROVEMENT PERMIT by: Bryant C. White Date: 12-15-2022 OPERATION PERMIT by: Sarah Williams Date: 8/18/23

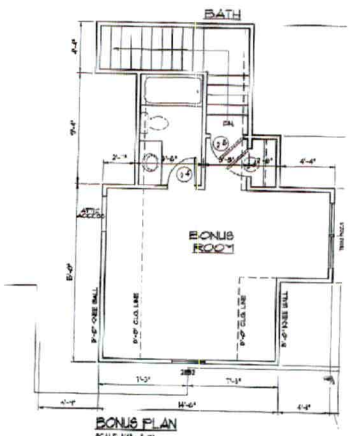
AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 12-15-2022 Existing System Inspected by: Date:

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



MAIN FLOOR PLAN

SCALE: 1/4" = 1'-0"
3488 HEATED SQUARE FEET
10'-0" CEILINGS
8'-0" DOORS & HEAD HEIGHT



BONUS PLAN

SCALE: 1/4" = 1'-0"
387 BONUS SQUARE FEET

60

GENERAL NOTES:

- FLASHING @ ALL WINDOWS AND DOORS (SECTION R703.8)
- FLASHING @ GRADE LEVEL (SECTION R703.8)
- HEADERS ARE TO BE DOUBLE 2 X 10'S UNLESS OTHERWISE NOTED ON PLANS (SECTION R502.5 / T.2)
- ALL WOOD HAVING REFERENCE SHALL BE KEPT AT LEAST 1" FROM CHIMNEY MASONRY AND TILE INCHES FROM FIREPLACE MASONRY
- THE ALLOWED AREA OF HABITABLE ROOMS SHALL BE NOT LESS THAN 8% OF THE TOTAL FLOOR AREA WITH HALF THE AREA OPENABLE (50L = 50 FT. MIN. 17" MIN. MIN. 20" MIN.) (SECTION R303.1 & SECTION R310.1)
- WALLS SEPARATING GARAGE FROM HEATED AREAS TO HAVE A MINIMUM 1/2" GYPSUM BOARD ON THE GARAGE SIDE SHALL (SECTION R302 DOORS FROM GARAGE TO HEATED AREAS TO BE: EITHER SOLID WOOD 1 3/8" THICK, OR A 20-MINUTE FIRE-RATED DOOR (SECTION R302.5.1)
- ALL ROOF TRUSSES MUST BEAR ON FOUNDATION WALLS
- MANUFACTURED TRUSSES (FLOOR / ROOF) PER SECTION R502.11, AND PER
- CRAWL SPACE, ATTIC ACCESS AND ROOF VENTILATION (SECTION R408.1 R408.2, R807.1, AND R806.
- CLOSED CRAWL SPACE R409
- SEE WOOD DECKS APPENDIX M.
- SEE BASIC LOAD DETAILS, APPENDIX N
- SEE CANTILEVER FLOOR SECTIONS, (AISLE SEE R502)
- FIREPLACES, (SEE R1001 AND FIREPLACE SECTION R1001)
- SECTION R326.3 (ENDOOR HAZARDOUS LOCATIONS: LABELING, AND CERTIFICATION
- ATTIC ACCESS PER SECTION R807.1
- CHIMNEYS AND FIREPLACES PER CHAPTER 10
- LINTELS SUPPORTING MASONRY VENEER SEE TABLE R703.8.1
- STAIRWAYS SHALL NOT BE LESS THAN 36" IN CLEAR WIDTH AT ALL POINTS ABOVE THE PERMITTED HANDRAIL HEIGHT AND BELOW THE REQUIRED HEADROOM HEIGHT (SECTION R311.7.1)
- LANDINGS ARE PERMITTED, (SECTION R 311.7.2)
- SPIRAL STAIRCASES ARE PERMITTED (SECTION R311.7.3.1)
- HANDRAILS (SECTION R311.7.8)
- GUARDS (SECTION R312.1)
- CIRCULAR STAIRCASE SHALL HAVE A TREAD DEPTH AT A POINT NOT MORE THAN 12" FROM THE SIDE WHERE THE TREADS AND NUMBER OF NOT LESS THAN 9" AND THE MIN. DEPTH OF ANY TREAD SHALL NOT BE LESS THAN 6" (SECTION 311.7.3.1, 311.7.3.2)
- EXTERIOR SHALLS SHALL BE BRACED WITH CONTINUOUS STRUCTURAL PANEL SHEATHING (CS-WSP). BRACED WALL LINES IN ALL U BRACED WALL PANELS CONSTRUCTED IN ACCORDANCE WITH SECTION IN TABLE R602.3(3). AT END AND RETURN WOOD STRUCTURAL PANEL OF A MINIMUM 24" SHALL BE PROVIDED AT CORNERS AT BOTH ENDS OF A BRA WALL LINE IN ACCORDANCE WITH SECTION R602.10.4. BRACED WALL LI SHALL BE CONNECTED TO STRUCTURE ABOVE AND BELOW IN ACCORDAN WITH SECTION R602.10.6. FOR SECTION R602.10.3, ALL VERTICAL JOINTS PANEL SHEATHING SHALL OCCUR OVER STUDS, AND BE FASTENED TO COMMON HORIZONTAL JOISTS IN BRACED WALL PANELS FASTENED TO COMMON BLOCKING OF A MINIMUM BLOCKING IS NOT REQUIRED IN U.L. SECTIONS NOT COUNTED AS BRACE PANELS.)

Acknowledgement Of
Plans Submittal ONLY!

Alvin Bradshaw Date 12-19-2022

Burnett C. White Date 12-15-2022

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

NOT A PERMIT

PROPERTY ID #: 4703-62-7249
COUNTY: IREDELL

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

OWNER: AARON BRADSHAW
ADDRESS: 5005 BRICKFIELD STREET, HICKORY, N.C. 28651
PROPOSED FACILITY: 4BR
PROPOSED DESIGN FLOW (.1949): 480GPD
LOCATION OF SITE: 367 MARROW FARM ROAD, STATESVILLE, N.C. 28677
APPLICATION DATE 6-17-2022
DATE EVALUATED: 8-30-2022
PROPERTY SIZE:
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)		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	
1 B	LINEAR SIDE 10%	0-18	C, SBK	FR, S, P, SS, SP	SAP INC THRU OUT	33"	PS II SL	N/A	PS .3
		18-33	CL, WSBK	FR, SS, SP, SEXP					
		33-60	SAP, RC	FI, NS, NP, SEXP					
2 B	HEAD 15%	0-10	SCL, SBK	FR, SS, SP, SEXP	Y/B MOTS 10"-26" 10YR6/2 @ 14"	50"+	PS II SL	N/A	PS .25 BELOW 14"
		10-31	C, SBK	FR, S, P, SEXP					
		31-50	CL WABK	FR, SS, SP, SEXP					
		50-58	SAP, RC	FI, NS, NP, SEXP					
3 B	LINEAR SIDE 10%	0-6	FILL	MIXED	SAP INC THRU OUT Y/B MOTS 6"-48" 10YR6/2 @ 20	56"+	PS II SL	N/A	PS .225 BELOW 20"
		6-26	C, ABK	FR, S, P, SEXP					
		26-48	CL, WABK	FI, SS, SP SEXP					
		48-56	SAP, RC	FI, NS, NP, SEXP					
4 B	LINEAR SIDE 5%	0-28	C, SBK	FR, S, P, SEXP	SAP INC THRU OUT Y/B MOTS 0"-24"	47"+	PS II SL	N/A	PS .275
		28-47	CL, WABK	FI, SS, SP, SEXP					
		47-58	SAP, RC	FI, NS, NP, SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	50%+H
Site LTAR	0.225	0.225

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

COMMENTS: NOT A PERMIT

NOT A PERMIT

SOIL/SITE EVALUATION

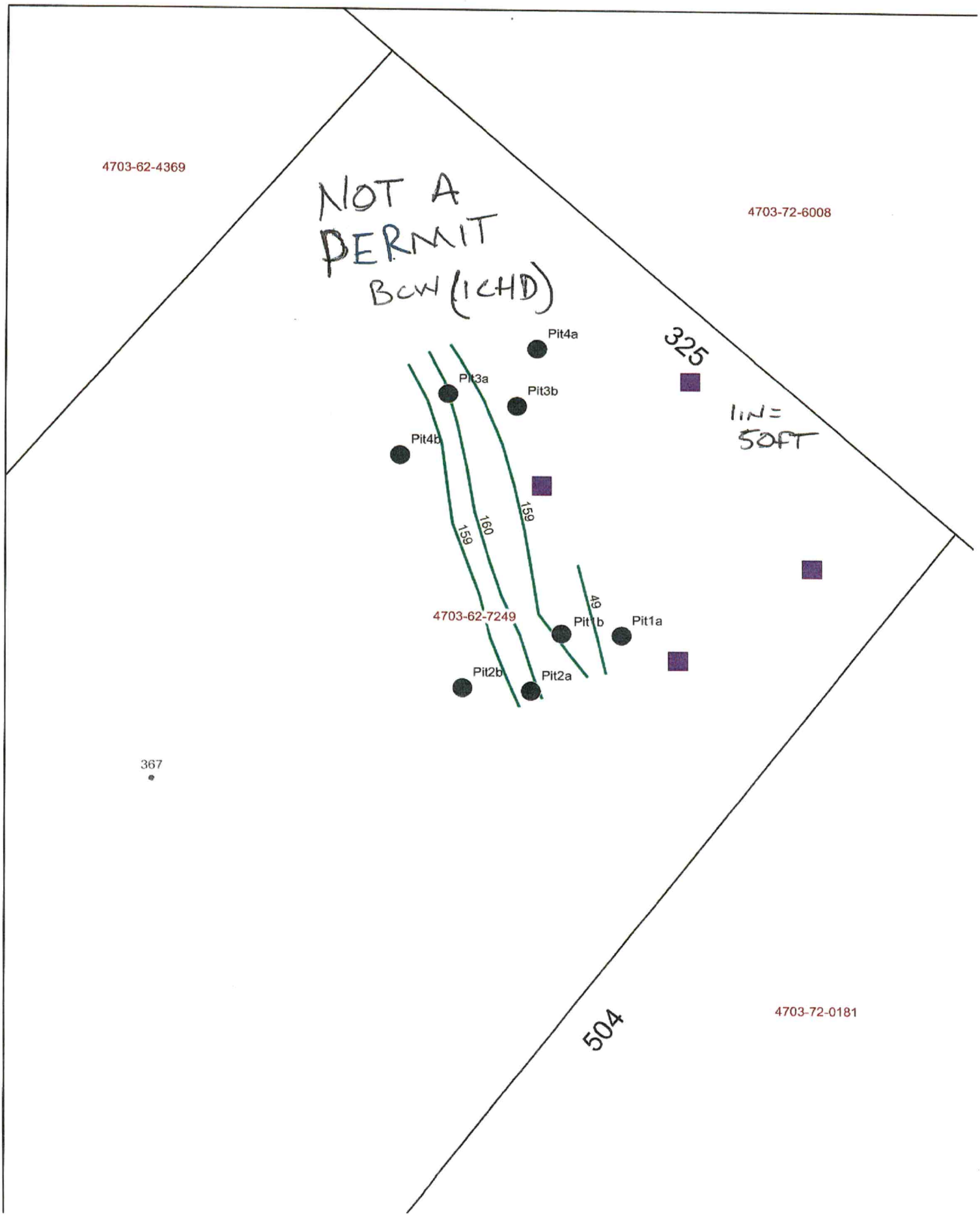
(Continuation Sheet-Complete all field in full)

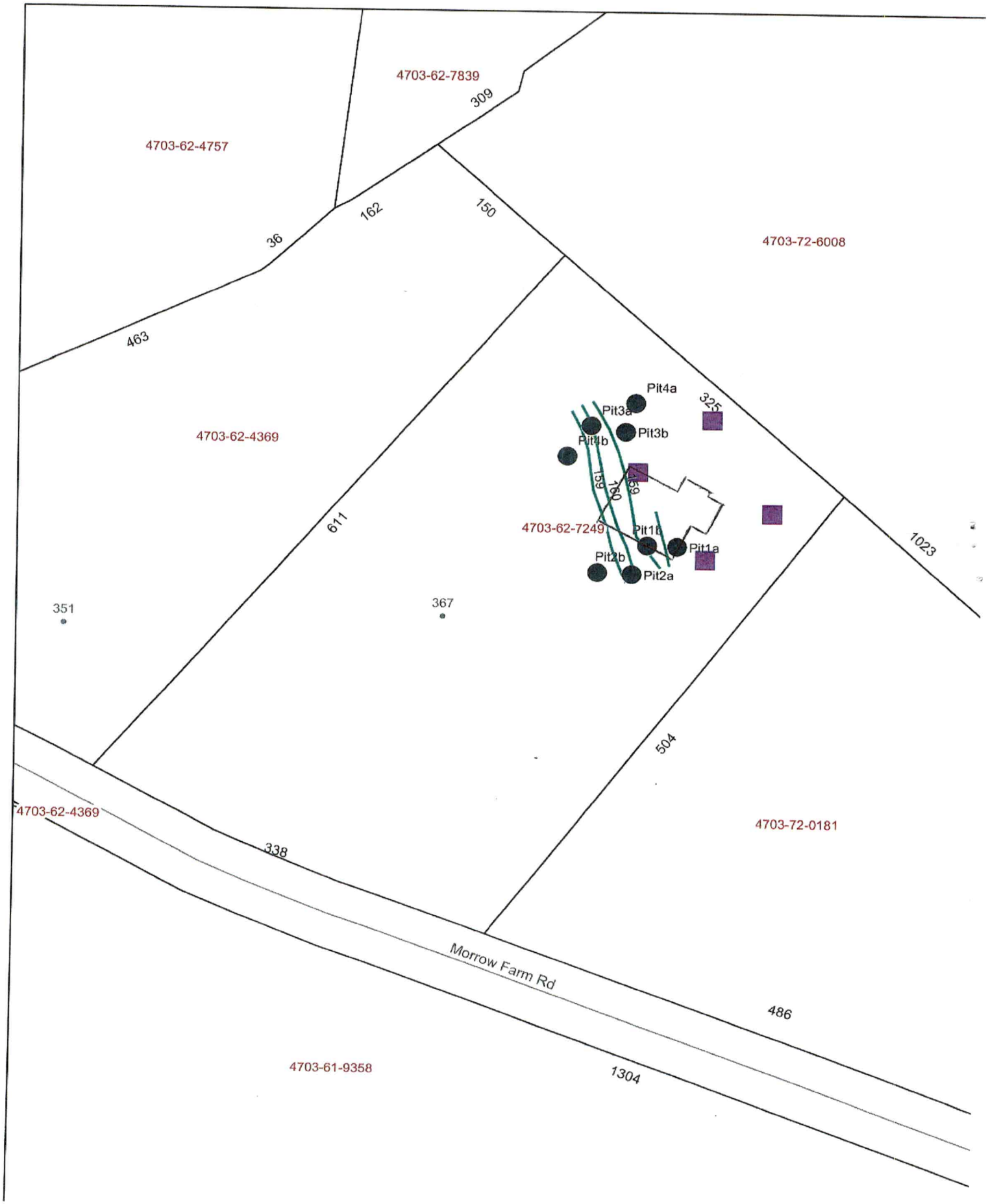
DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH
ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

PROPERTY ID #: 4703-62-7249
DATE OF EVALUATION: 7-18-2022
COUNTY: IREDELL

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	1943 RESTR HORIZ	PROFILE CLASS & LTAR
1A	LINEAR SIDE 12%	0-25	C, ABK	FR, S, P, SEXP	SAP INC THRU OUT	44"	PS II SL (FI)	NA	PS, 3
		25-44	CL, WABK	FR, SS, SP, SEXP					
		44-57	SAP, PL	FI, NS, NPSS, EXP					
2A	LINEAR SIDE 6%	0-27	FILL	MIXED	SAP INC THRU OUT	55"+	NA	NA	U TILL FILL REMOVED
		27-46	C, ABK	FR, S, P, SEXP					
		46-55	CL, WABK	FI, SS, SP, SEXP					
3A	LINEAR SIDE 4%	0-24	FILL	MIXED	SAP INC THRU OUT	71"+	NA	NA	U TILL FILL REMOVED
		24-48	C, ABK	FR, S, P, SEXP					
		48-71	CL, WABK	FR, SS, SP, SEXP					
4A	LINEAR SIDE 7%	0-7	FILL	MIXED	SAP INC THRU OUT	55"+	NA	NA	PS 3
		7-30	C, ABK	FR, S, P, SEXP					
		30-55	CL, WABK	FR, SS, SP, SEXP					

COMMENTS: NOT A PERMIT


4703-62-4369
NOT A PERMIT
BCW (1CHD)
4703-72-6008
Pit4a
325
Pit3a
Pit3b
1IN = 50FT
Pit4b
159
160
159
49
4703-62-7249
Pit1b
Pit1a
Pit2b
Pit2a
367
504
4703-72-0181


4703-62-7839
309
4703-62-4757
162
150
36
4703-72-6008
463
4703-62-4369
Pit4a
Pit3a
Pit3b
Pit4b
325
159
160
459
611
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Pit1b
Pit1a
Pit2b
Pit2a
1023
351
367
504
4703-62-4369
4703-72-0181
338
Morrow Farm Rd
486
4703-61-9358
1304