MW 3:05

BLDR - 2024-52571

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # OSWP 2023-31632

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

PIN # 4718 -- 92 -- 2233 ✓

APPLICANT/OWNER: Dale French | APPLICANT ADDRESS: 3418 N 2nd St. Whitehall PA 18052

SITE ADDRESS: 176 Hidden River Ln Statesville NC 28625 | PHONE: 610 730 6278 | ALT. PHONE 704 902 5435

SITE DIRECTIONS: 115 (N) → (L) Pisgah Church Rd → (L) Tree bark → (L) Hidden River | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Hidden River ✓ | SECTION: — | LOT # 19 +9 ✓ | LOT AREA: 8.57 AC | DESIGN FLOW: 360 | L.T.A.R.: 0.275

Septic Tank	1000 (gal)	STB	760	Date		☒ 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:	Gravity 50% Reduction	☐ Other	No. Employees —
# Nitrification Fields	1	# Lines	5	Linear Ft	328	Maintenance Agreement Required:	☐ YES ☒ NO	☐ Slab	☐ Crawl Space
Trench Width		Trench Bottom Depth(Low side)	31"	Gravel Depth	—	☒ GRAVITY	☐ PRESSURE	☒ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

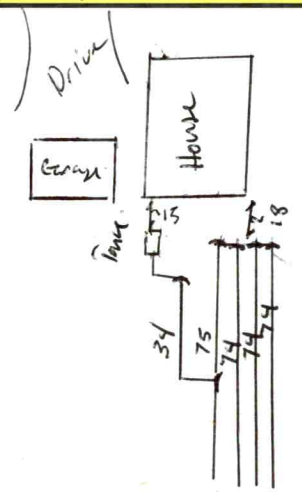
Comments / Conditions: Install on contour, 9' centers, utilize serial distribution. Do not exceed 36" max trench depth. Basement plumbing will require grinder pump.

INITIAL SITE SKETCH

See attached site plan by FCHD 9/27/2023.

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: ONLINE | Date: — | Installed by: Stutts Grading ✓

IMPROVEMENT PERMIT by: Sarah Williams ✓ | Date: 9/27/2023 | OPERATION PERMIT by: Benjamin A Bell ✓ | Date: 11-25-2024

AUTHORIZATION TO CONSTRUCT by: Sarah Williams ✓ | Date: 9/27/2023 | Existing System Inspected by: | Date:

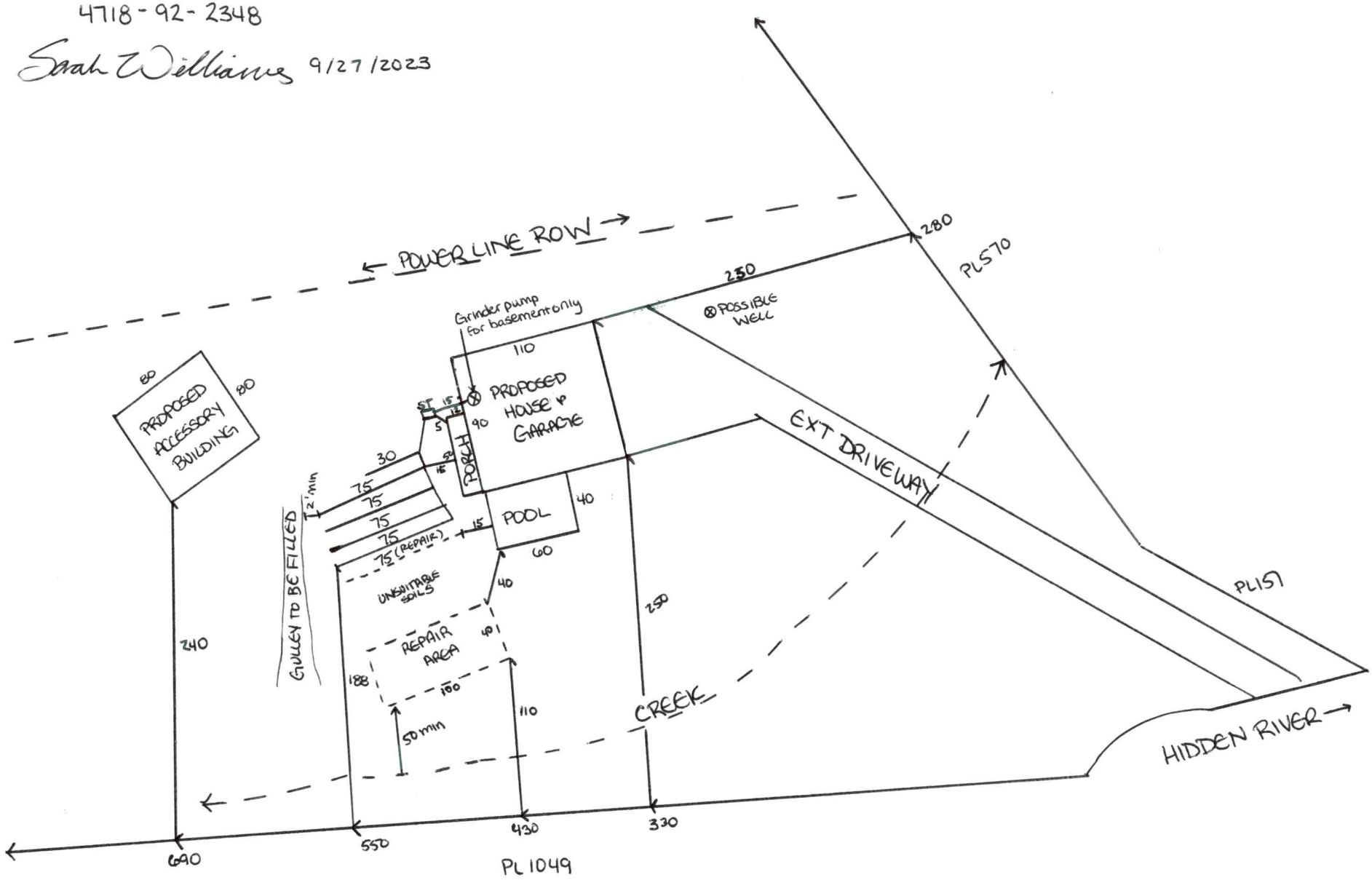
FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

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? _____	

176 HIDDEN RIVER LN
4718-92-2348

Sarah Williams 9/27/2023



1" = 100'

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

Sheet 1 of 1
PROPERTY ID #:
COUNTY: Iredell
4718-92-2233

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

OWNER: Dale French
ADDRESS: 3418 N 2nd St. Whitehall PA 18052
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: 176 Hidden River Ln
APPLICATION DATE 7/21/23
DATE EVALUATED: 9/14/23
PROPERTY SIZE: 8.51 AC
PROPERTY RECORDED: Y

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	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	LS 1-4%	0-4 4-48	C FILL C SBK	S P SE FR S P SE FR	red Washed colors 0"-12" Quartz fragments throughout few manganese 30"-48"	(48")	–	–	PS 0.275 (I)
2	LS 16%	0-9 9-52	FILL C/SBK	S-P-SE-FR S-P-SE-FR	Mg inc. 30-50"	(52")	–	–	P.S .275 (I)
3	LS 14%	0-29 29-48	C/SBK CL/SBK	VS-VP-Expansive-FR SS-SP-FR-SExp	– Sap inc. in CL 10YR/62 @ 11" → 0-30" Quartz thru out	(48")	–	–	U
4	LS 5%	0-5 5-52	FILL CL/SBK	Mixed SS-SP-FR-SExp	Manganese inc. thru-out	(52")	–	–	P.S .3 (R)

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	~~400~~ 328	240'
System Type(s)	25%	50%
Site LTAR	.275	~~.4~~ .25

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): P.S
EVALUATED BY: S. Williams
OTHER(S) PRESENT: S. Holland
see soil notes from OSWP 2022-7040 for Repair

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.

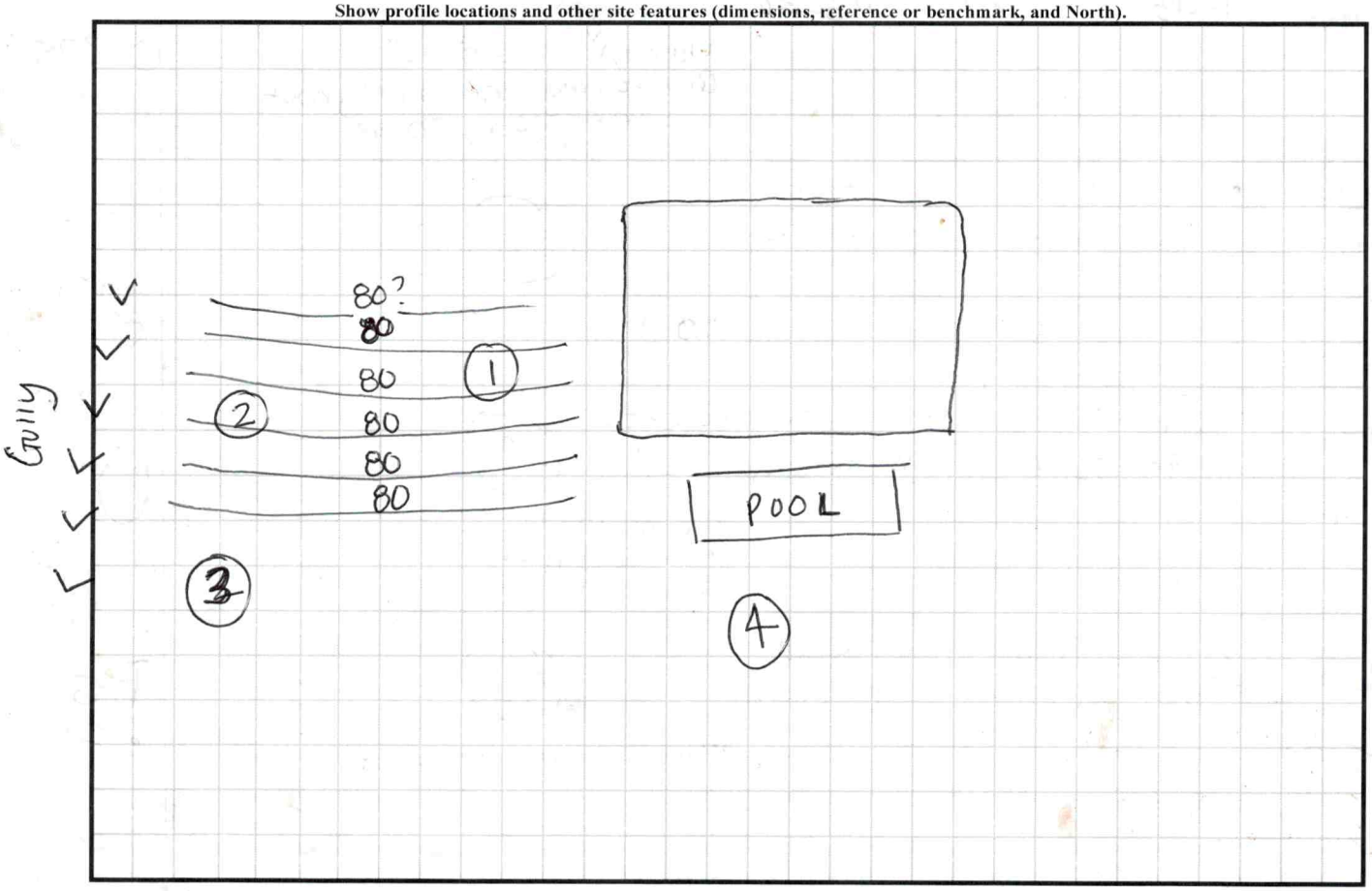
NOTES

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).



PERMIT SNAPSHOT REPORT OSWP-2023-31632
FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Work Class: EH Septic Permit
Status: In Progress
Valuation: $0.00

Project:
District: Iredell County
Square Feet: 0.00
Assigned To: Bracken, Sarah

App Date: 07/21/2023
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Description: RELOCATION We need an existing design moved and a redrawn WELL ON OSWP-2023-31634 8/1 Applicants VM full. Sent email GM. Applicant called HB will not be marked until 8/9 or so. He will call back. Property is 8 acres. GM 8/14 Ricky stated site ready. Site visit, site ready GM Clear of power lines.

Parcel:	**Address:**	**Zone:**
4718922233.000 Main	176 Hidden River Ln Statesville, NC 28625 Main	RA(Residential Agricultural District)

Applicant/Authorized Agent
Dch-Driver's Custom Homes And Commercial Contracting, LLC
Ricky M Driver
112 Tranquility Lane
Harmony, NC 28634
Mobile: (704) 902-5435

Property Owner
Dale French
3418 N 2nd Street
Whitehall, PA 18052
Mobile: (610) 730-6278

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Re-Layout/change septic permit (sys not installed)	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	House is 86'x80'
What are the proposed structures	Accessory Building, New Single-Family Residence - Modular, Swimming Pool	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain	Swimming pool is 40'x60' Detached garage is 58'x60'	Number of Occupants	6	Foundation Type	Basement with Plumbing
Water Supply	New Well	Desired Septic System Type	Conventional (most common)	Lot Acreage	8.51
Additional Unique Setbacks Apply	No	Watershed	WSIV PA SOUTH YADKIN		

Attachment File Name		Added On	Added By	Attachment Group	Notes
Signature_Ricky_Driver_7/21/2023.jpg		07/21/2023 16:42	Driver, Ricky		Uploaded via CSS
Dale French authorization to act as agent_v1.pdf		07/24/2023 8:12	Nebel, Barbara	Available Online	Authorize to Act as Agent
176 HIDDEN RIVER LN - PLOT PLAN.pdf	SITE PLAN	07/31/2023 9:35	COMEAUX, DEBRA	Available Online	SITE PLAN - PLOT PLAN
176 HIDDEN RIVER LN APPROVED.pdf	IP - AC	07/31/2023 11:13	COMEAUX, DEBRA	Available Online	IP - AC APPROVED 03/22/2023

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-126741	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	08/14/2023	08/14/2023 0:00	08/14/2023 0:00	08/14/2023 15:56	08/14/2023 15:56

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	

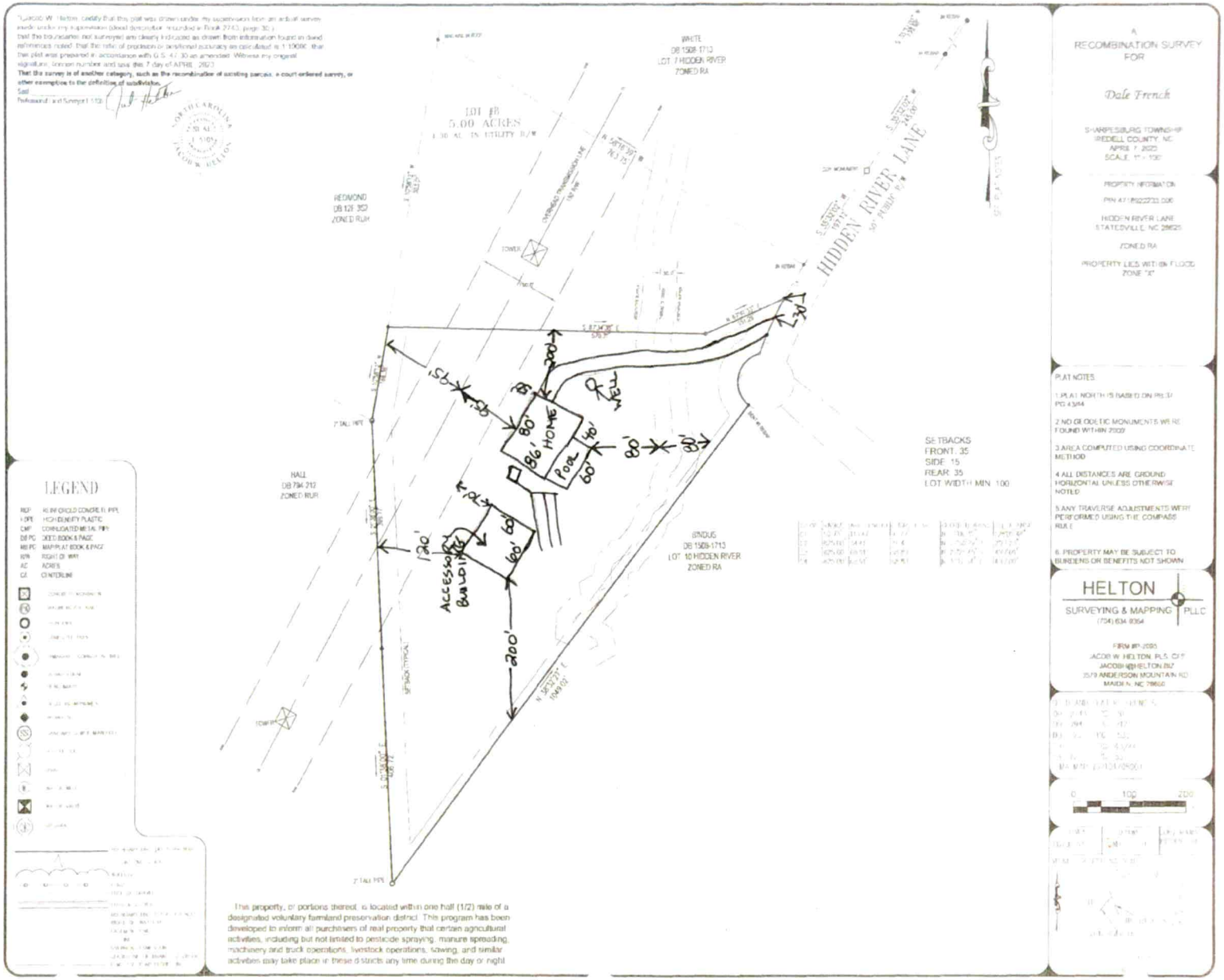
Note	Created By	Date and Time Created
1. 8/1 Applicants VM full. Sent email GM Applicant called back. property owners coming on 8/9 and they will mark HB. Property is 8 acres. Ricky will call back one HB is marked. GM 8/14 Site ready per Ricky. Site visit, site ready. Clear of power lines. GM	Grace McLeod	08/01/2023 9:13

PERMIT SNAPSHOT REPORT (OSWP-2023-31632)

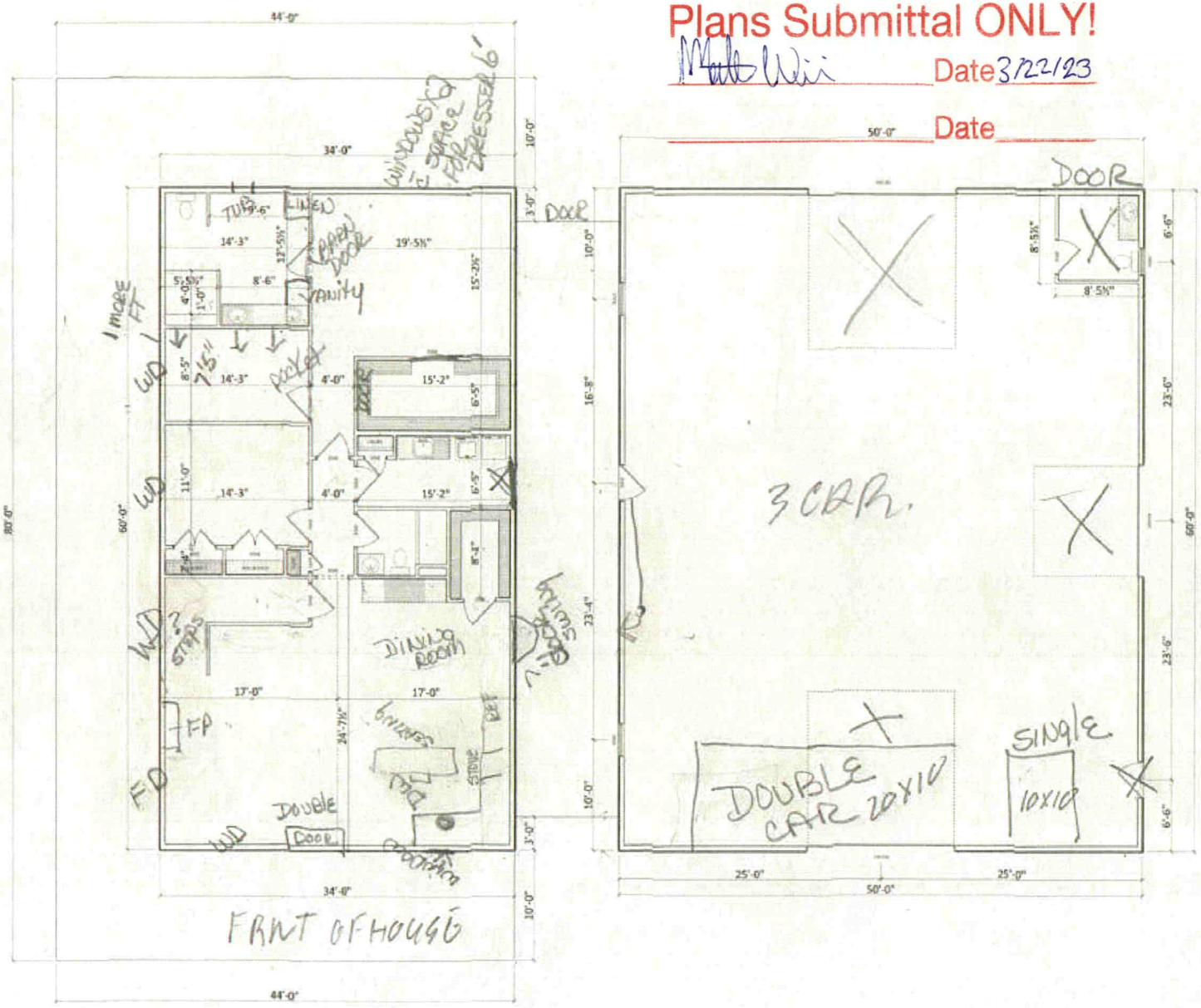
Invoice No.	Fee		Fee Amount	Amount Paid
INV-00018318	New Gravity System		$500.00	$500.00
		Total for Invoice INV-00018318	$500.00	$500.00
		Grand Total for Permit	**$500.00**	**$500.00**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		07/24/2023 8:12	07/24/2023 8:12
Confirm application complete v.1	Generic Action		07/24/2023 8:12
Lot Readiness Verification v.1		08/14/2023 15:55	
OSWP Septic Preliminary Site Visit v.1	Inspection	08/14/2023 15:55	08/14/2023 15:56
OSWP Site Evaluation v.1	Inspection		
~~**Zoning Review v.1**~~		07/24/2023 8:13	07/31/2023 10:59
~~Floodplain Admin Overview v.1~~	Task		07/31/2023 10:59
Iredell County Zoning Approval v.1	Task	07/24/2023 8:13	
~~Issue Invoice v.1~~	Generic Action		07/31/2023 10:59
~~Fees Paid v.1~~	Generic Action		07/31/2023 10:59
Fees v.1		08/01/2023 9:03	08/01/2023 9:03
Issue Invoice v.1	Generic Action		08/01/2023 9:03
Fees Paid v.1	Generic Action		08/01/2023 9:03
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		
Environment Health Inspections v.1			
Operation Permit Inspection v.1	Inspection		
OSWP Alarm Checked v.1	Inspection		
OSWP Drain Lines Checked v.1	Inspection		
OSWP Electrical Checked v.1	Inspection		
OSWP Floats Checked v.1	Inspection		
OSWP Maintenance Contract v.1	Inspection		
OSWP Pressure Head Checked v.1	Inspection		
OSWP Pressure Manifold Checked v.1	Inspection		

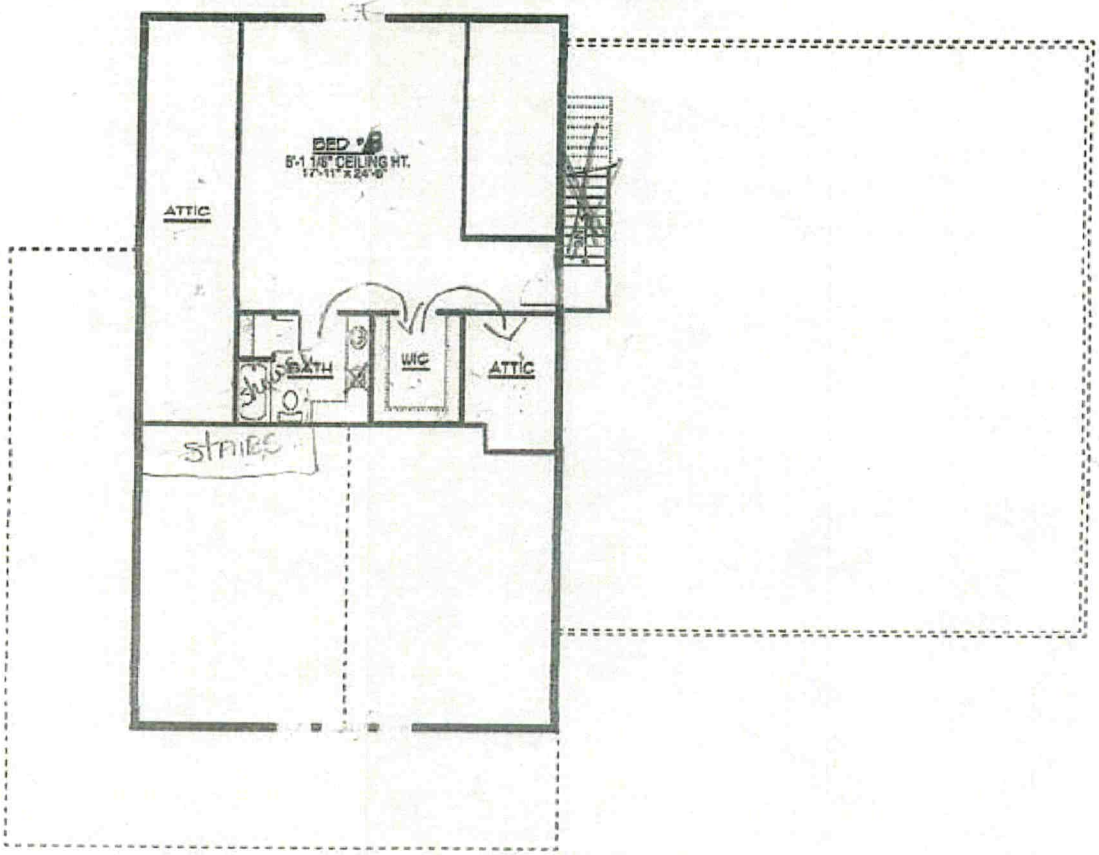
SUBMITTED JULY 21ST 2023 FOR SEPTIC REDRAW AND WELL PERMIT



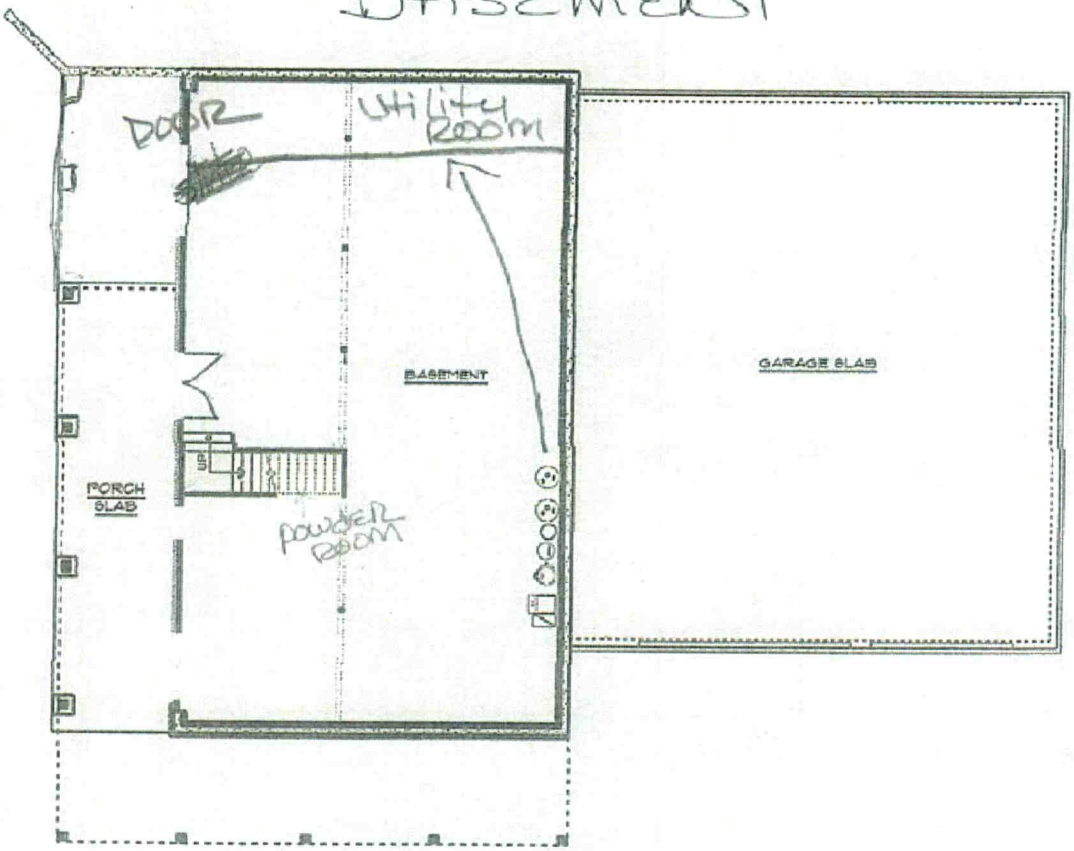
Acknowledgement Of
Plans Submittal ONLY!
Matt Wii Date 3/22/23
Date

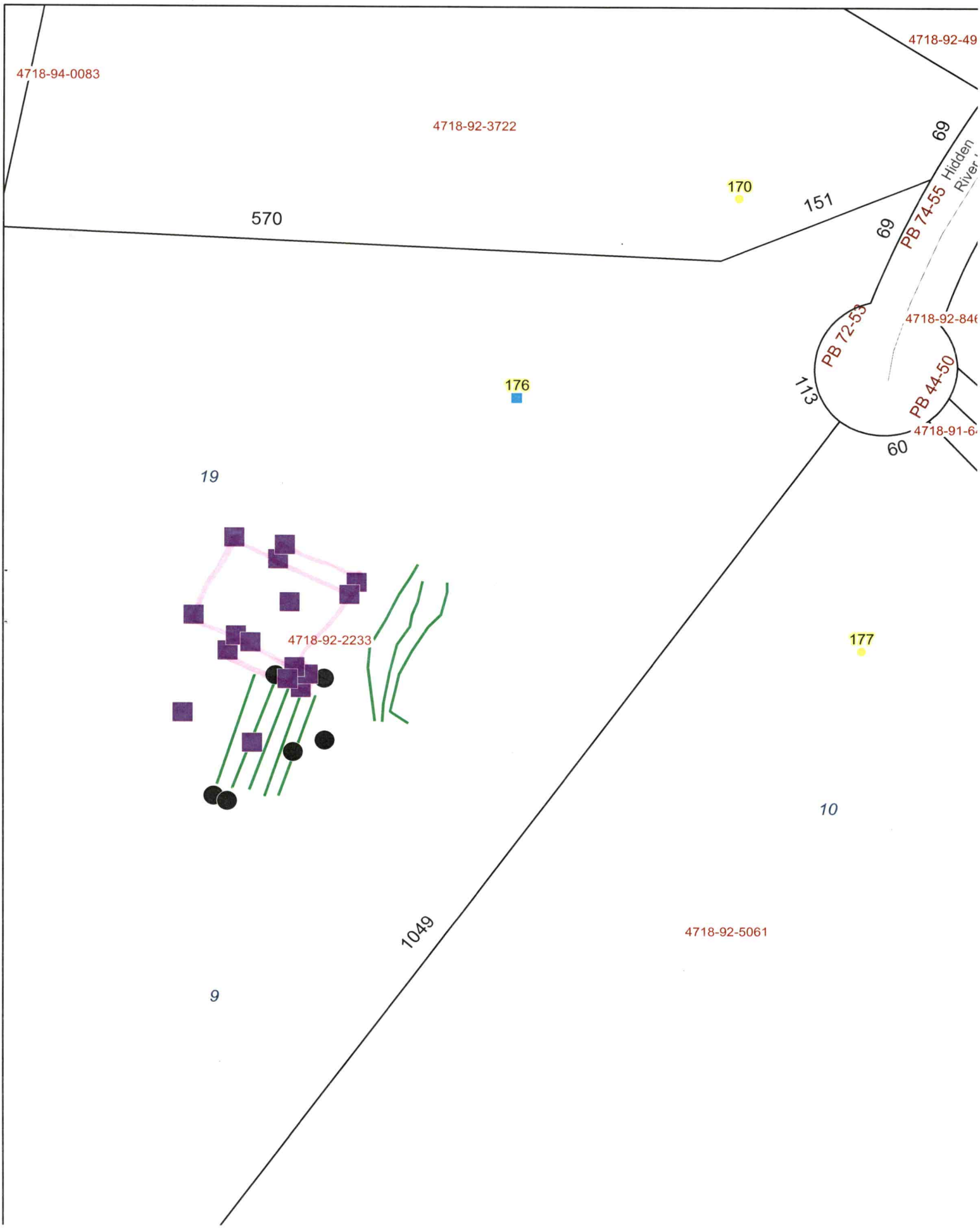


Loft



Basement


DOOR
Utility Room
BASEMENT
GARAGE SLAB
PORCH SLAB
UP
POWDER ROOM


4718-92-49
4718-94-0083
4718-92-3722
69
Hidden
River
170
151
570
69
PB 74-55
4718-92-846
PB 72-53
176
113
PB 44-50
4718-91-6
60
19
4718-92-2233
177
10
1049
4718-92-5061
9