ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BLDR-2024-50869

PERMIT # OSWP-2023-20677

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

PIN # 3783 -- 44 --9151

APPLICANT/OWNER: FREEDOM HOMES / MARGORY TRILLO'S | APPLICANT ADDRESS: 1124 CHARLOTTE HIGHWAY, TROUTMAN, N.C. 28166

SITE ADDRESS: 115 PUMICE DRIVE, STATESVILLE, N.C. 28625 | PHONE: 704-881-2326 | ALT. PHONE —

SITE DIRECTIONS: (W) ON HD, (R) ON SHARON SCHOOL, (L) ON WALNUT TREE, (L) ON PUMICE, LOT ON (L) | SAP CONTROLLED: ☐ YES ☑ NO

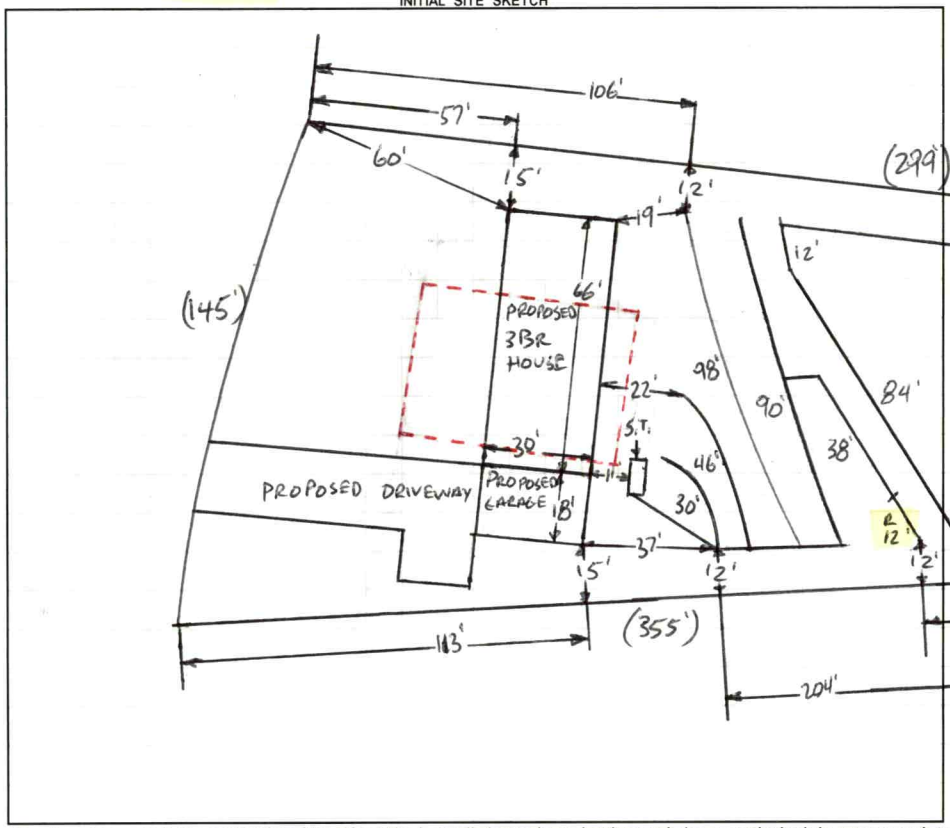
SUBDIVISION: RIVER ROCK | SECTION: P2 | LOT # 2 | LOT AREA: 0.84 AC | DESIGN FLOW: 360GPD | L.T.A.R.: 0.3 (0.25 REPAIR)

Septic Tank	1000 (gal)	STB	760	Date	3-13-2024	☑ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms 3
Pump Tank	— (gal)	PT	—	Date	—	System Description:	25% REDUCTION	☐ Business	No. Persons 6
Pump Make	—	Model	—	Serial #	—	Repair System Description:	25% REDUCTION	☐ Other	No. Employees —
# Nitrification Fields	1	# Lines	5	Linear Ft	30 2FT	Maintenance Agreement Required:	☐ YES ☑ NO	☐ Slab	☑ Crawl Space
Trench Width	36 IN	Trench Bottom Depth(Low side)	30 IN	Gravel Depth	—	☑ GRAVITY	☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☐ Private ☑ Public ☐ Community

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

INITIAL SITE SKETCH

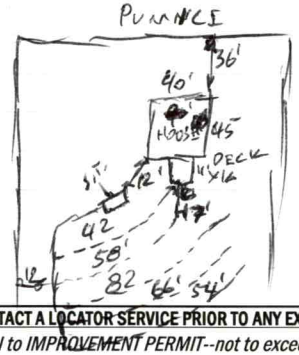


AS BUILT SKETCH

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.

1 IN = 50 FT
S.T. = SEPTIC TANK
R = REPAIR

- - - = HOUSE PROPOSED AT A.C. ± 40'x59'
- HOUSE MUST BE ON ON CRAWL SPACE FOUNDATION
- TANK MAY BE MOVED BUT MUST MEET ALL SET BACKS



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 SIGNATURE | Date: — | Installed by: SPECIALTY SEPTIC

IMPROVEMENT PERMIT by: Burpus C. White | Date: 6-22-2023 | OPERATION PERMIT by: Burpus C. White | Date: 5-21-2024

AUTHORIZATION TO CONSTRUCT by: Burpus C. White | Date: 3-25-2024 | 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? _____	

Sheet 1 of 1
PROPERTY ID #: 3783-44-9351
COUNTY: IREDELL

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

OWNER: FREEDOM HOMES — APPLICATION DATE 3-30-2023
ADDRESS: 1124 CHARLOTTE HIGHWAY, TROUTMAN, N.C. 28166 — DATE EVALUATED: 4-26-2023
PROPOSED FACILITY: 3BR — PROPOSED DESIGN FLOW (.1949): 360GPD — PROPERTY SIZE: 0.84 AC
LOCATION OF SITE: 115 PUMICE DRIVE, 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	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LINEAR SIDE 3%	0-10	SL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT	53"+	NA	NA	PS .3
		10-43	C, SBK	FR, S, P, SEXP					
		43-53	CL, WSBK	FI, SS, SP, SEXP					
2	LINEAR SIDE 4%	0-16	SL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT	48"+	NA	NA	PS .3
		16-48	C, SBK	FR, S, P, SEXP					
3	LINEAR SIDE 7%	0-11	SL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT	49"+	NA	NA	PS .3
		11-36	C, SBK	FR, S, P, SEXP					
		36-49	CL WSBK	FI, SS, SP, SEXP					
4	HEAD 8%	0-12	SL, SBK	FR, SS, SP, SEXP	Y/B MOT 28"+ 2.5Y6/3 @ 38"	48"+	NA	NA	PS ABOVE 38"
		12-48	C, ABK	FI, S, P, SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	25%
Site LTAR	0.3	0.25

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Bryant C. Utt
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.

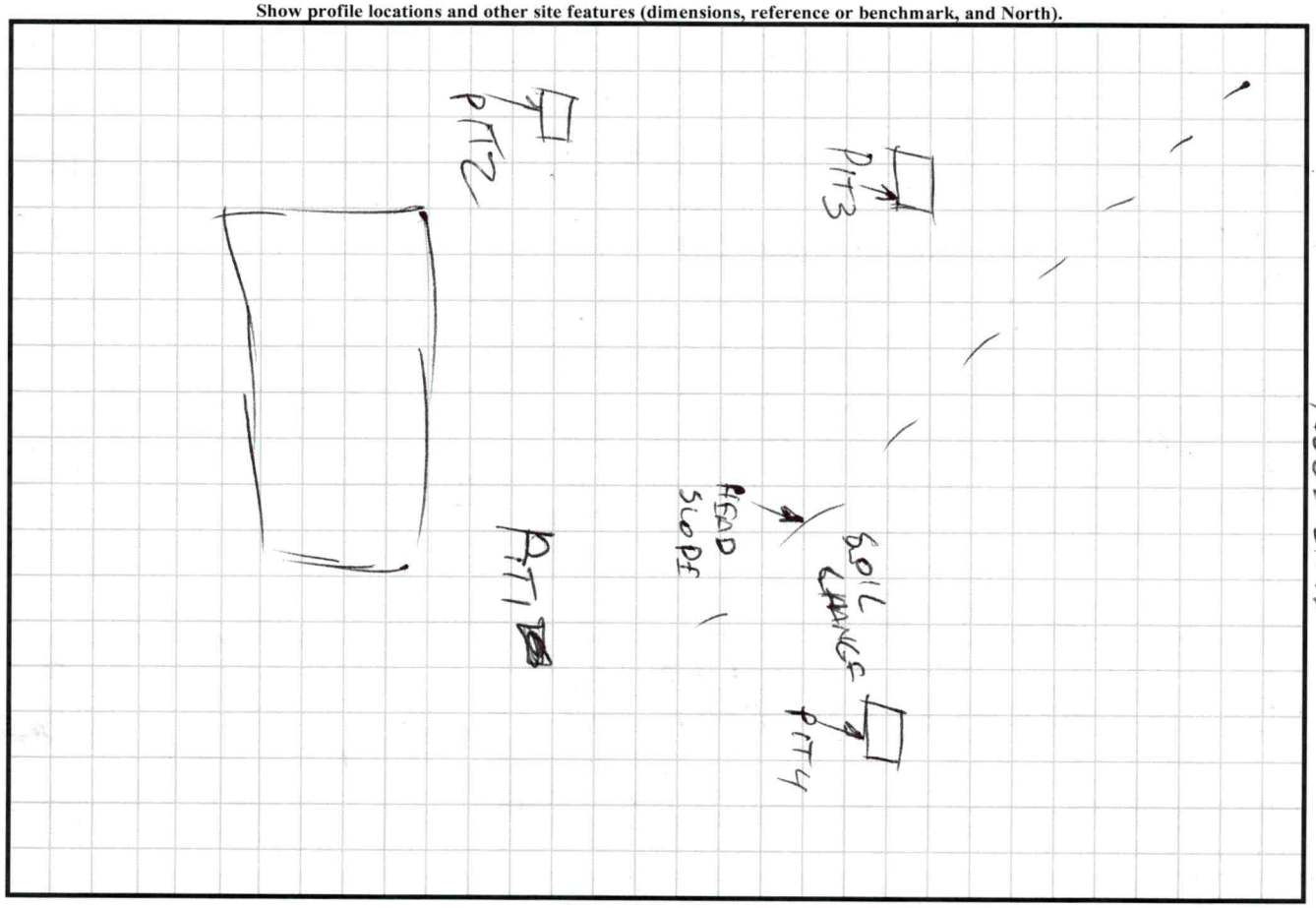
NOTES

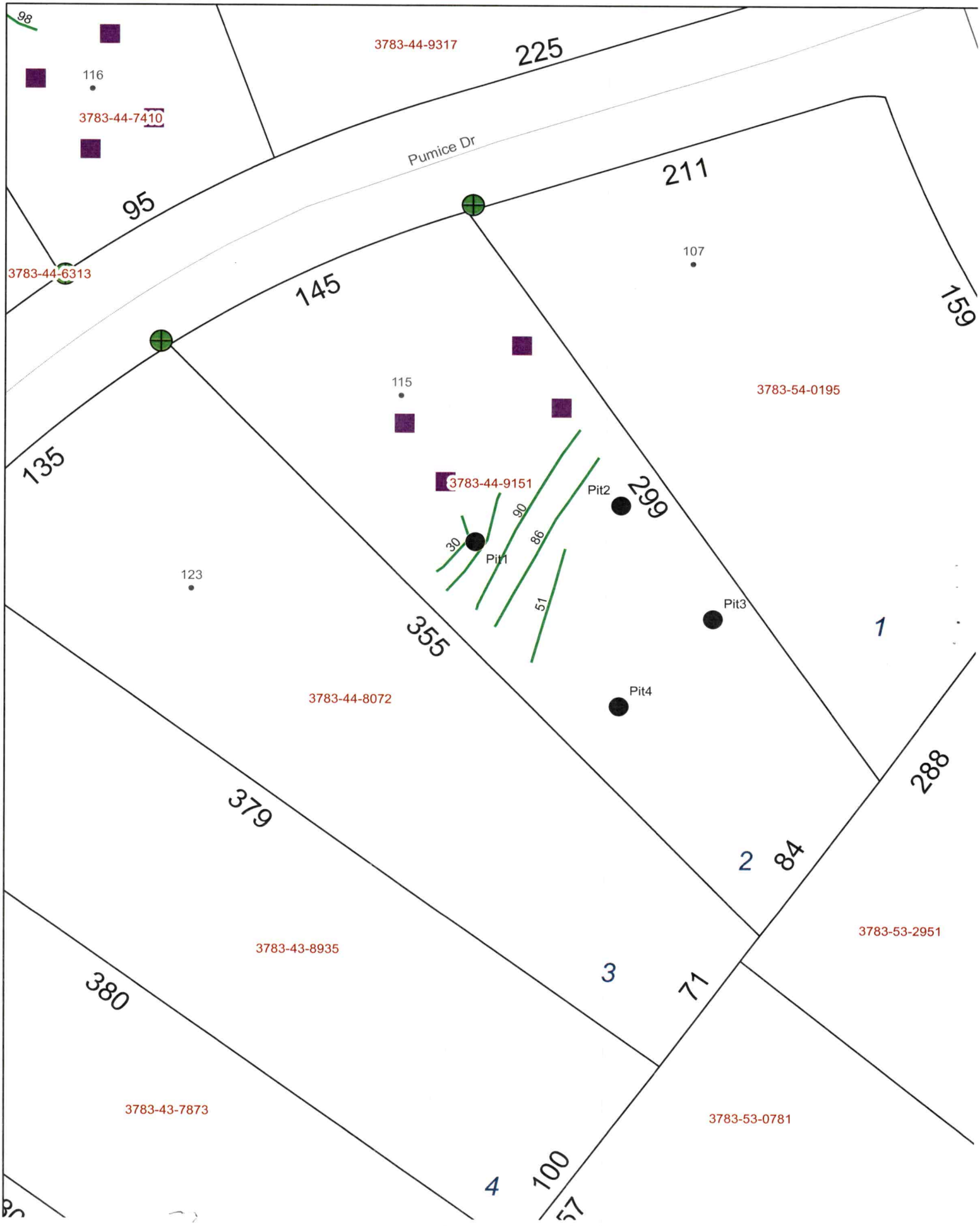
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or 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).




98
3783-44-9317
225
116
3783-44-7410
Pumice Dr
95
211
3783-44-6313
107
145
159
115
3783-54-0195
135
3783-44-9151
Pit2
299
90
30
86
Pit1
123
51
Pit3
355
1
3783-44-8072
Pit4
288
379
2
84
3783-53-2951
3783-43-8935
3
71
380
3783-43-7873
3783-53-0781
4
100

PERMIT SNAPSHOT REPORT OSWP-2024-48181 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: White, Bryant
App Date: 02/29/2024
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Description: Septic Permit - BW did original permit. PLEASE CALL Emilio Trillos 704-345-8816

Parcel: 3783449151.000 Main
Address: 115 Pumice Dr Statesville, NC 28625 Main
Zone: RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent	Applicant/Authorized Agent
Margory Trillos	Margory Trillos	Margory Trillos
P.O.Box 620432	P.O.Box 620432	P.O.Box 620432
Charlotte, NC 28262	Charlotte, NC 28262	Charlotte, NC 28262
Mobile: (704) 891-0293	Mobile: (704) 891-0293	Mobile: (704) 891-0293

Permit Custom Fields

How is your site plan being submitted	Survey Plat	Septic Application/Permit Type	Authorization to Construct, Intermediate Re-Layout	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	front 40' X49'
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	no	Number of Occupants	6	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Water Supply	Municipal Water	Desired Septic System Type	No Preference
Additional Unique Setbacks Apply	No				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Margory_Trillos_2/29/2024.jpg	02/29/2024 9:54	Trillos, Margory		Uploaded via CSS
115 Pumice AA form_v1.pdf	03/01/2024 10:39	Nebel, Barbara	Available Online	

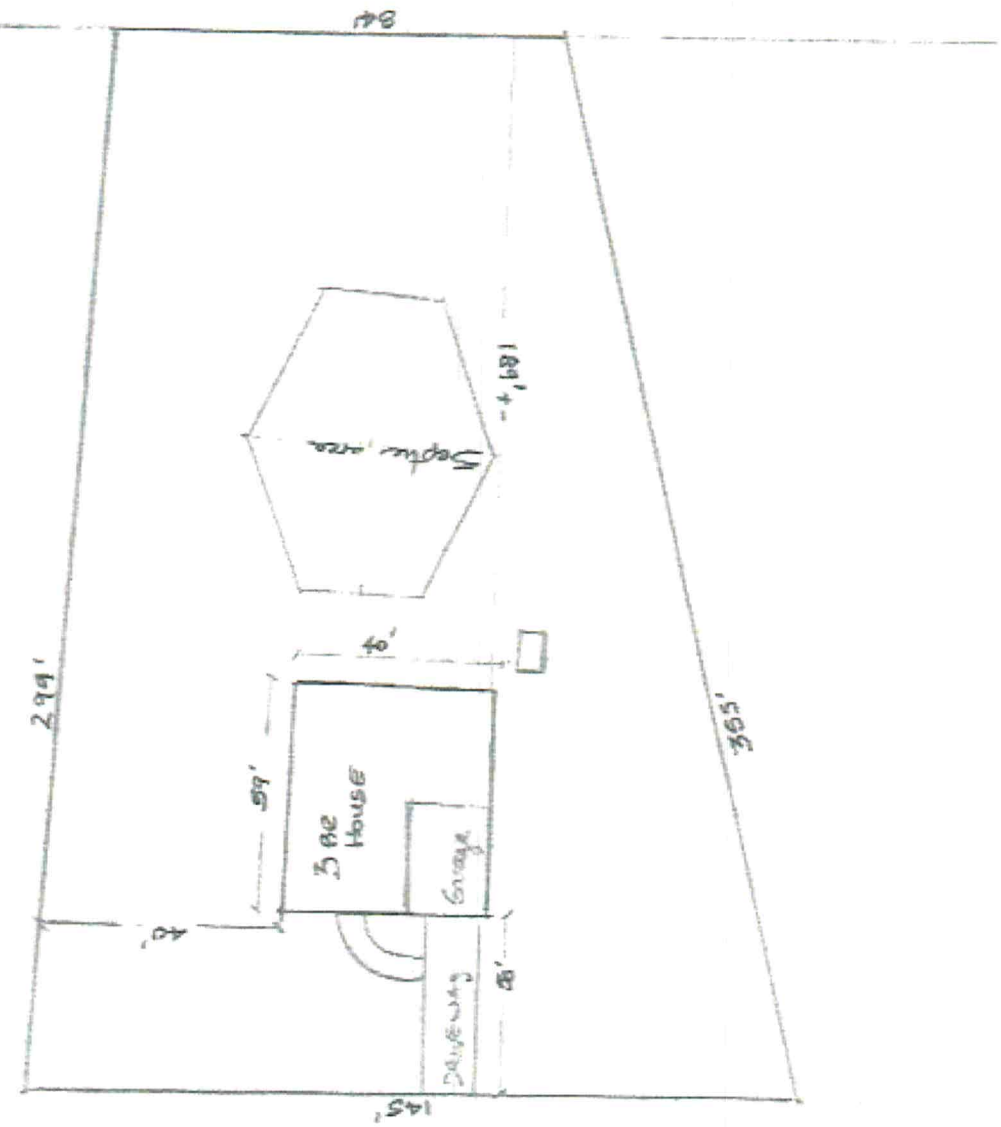
Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-197807	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	03/14/2024	03/14/2024 0:00	03/14/2024 0:00	03/14/2024 13:38	03/14/2024 13:38

Inspectors: Moore, Bradley (Primary)

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

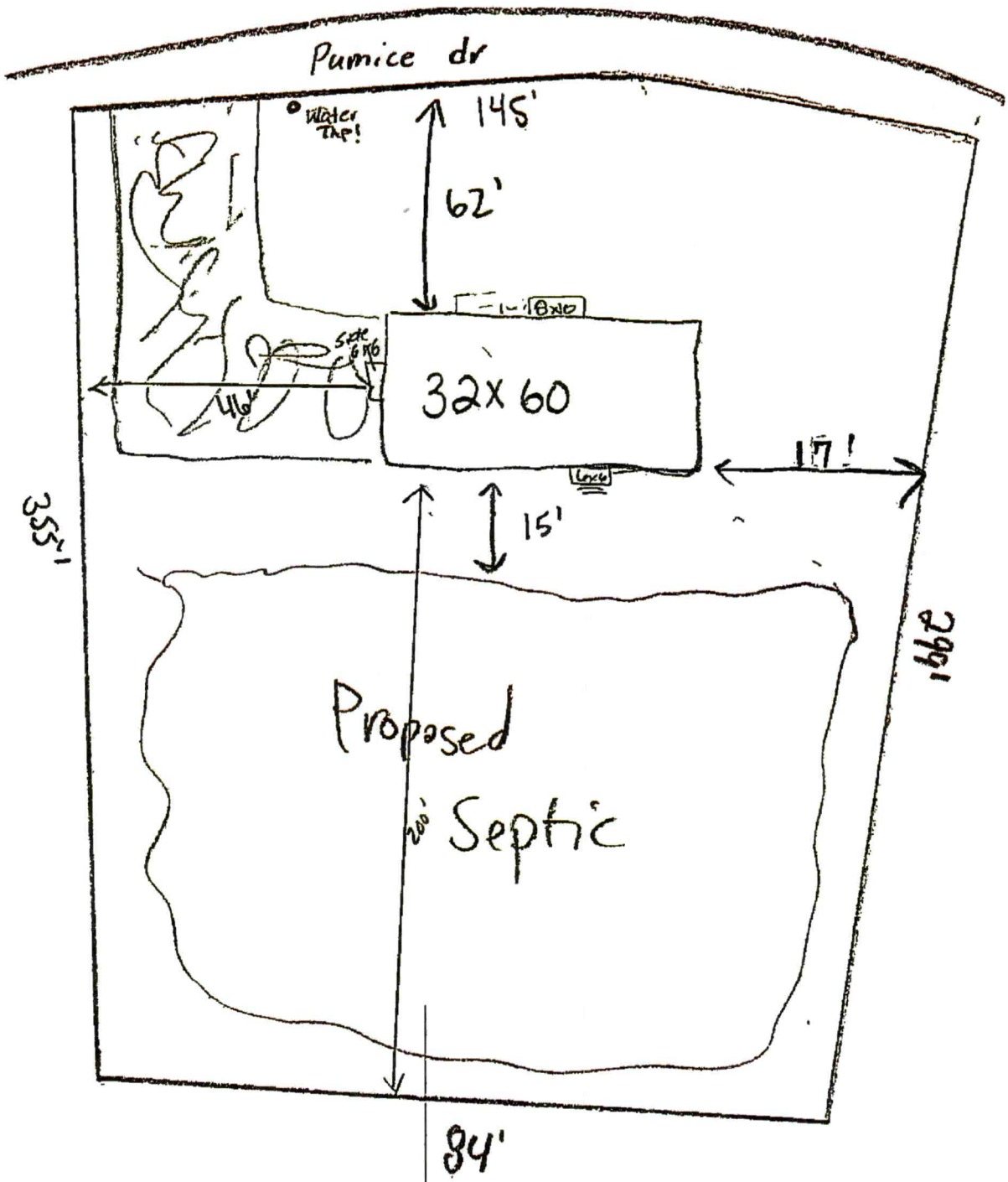
Invoice No.	Fee	Fee Amount	Amount Paid
INV-00027579	Intermediate Re-layout	$320.00	$320.00
	Total for Invoice INV-00027579	$320.00	$320.00
	Grand Total for Permit	**$320.00**	**$320.00**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		03/01/2024 12:35	03/01/2024 12:35
Confirm application complete v.1	Generic Action		03/01/2024 12:35
~~**Zoning Review v.1**~~			03/01/2024 12:36
~~Floodplain Admin Overview v.1~~	Task		03/01/2024 12:36
~~Issue Invoice v.1~~	Generic Action		03/01/2024 12:36



110 PUMICE DRIVE

Benfield plot plan







PB 55 pg 81
10-21-08

Course	Bearing	Distance
L1	N 71°49'06" E	7.53'

Curve	Radius	Length	Chord	Chord Bear.
C1	492.00'	136.90'	136.46'	N 63°56'06" E





VICINITY MAP SCALE NONE

Pumice Dr. 50' R/W

C1

L1

EIR

CIP

84'

17'

35' Front Setback

Proposed Dwelling
32.00'
60.00'

15' Side Setback

15' Side Setback

35' Rear Setback

Lot 2
0.836 Acre

S 34°05'05"E 398.67'

N 44°25'09"W 354.80'

N 35°31'14"E 163.75'

S 35°31'14"W 85.99'

S 35°31'14"W 70.62'

Lot 1
BULLER RIVER DEV PARTNERS
DB 2956 pg 1010

Lot 3
BLAIR, AUSTIN S.
DB 2910 pg 38

Lot 4

Tract 4
MILLER GREGORY FARM
DB 2782 pg 331
PB 65 pg 127

Tract 3
MILLER GREGORY FARM
DB 2782 pg 331
PB 65 pg 127

LEGEND
DB = Deed Book
pg = Page
PP = Power Pole
MNS = Mag Nail Set
MNF = Mag Nail Found
MH = Man Hole
EIP = Existing Iron Pipe
EIR = Existing Iron Rod
NIR = New Iron Rod
CM = Concrete Marker
Dwlg = Dwelling
Bldg = Building
C/L = Center Line
R/W = Right of Way
CP = Computer Point

NORTH CAROLINA PROFESSIONAL SEAL L-2829 LAND SURVEYOR DAVID S. CLARK

I, David S. Clark, PLS certify that this plat was drawn under my supervision from an actual survey made under my supervision deed description, recorded in Book 4560 page 672; that the boundaries not surveyed are clearly indicated as drawn from information found in Book 32, page 81; that the ratio of precision as calculated is 1: 30000; that this plat was prepared in accordance with Standards of Practices Witness my original signature, License number and seal this 16th day of Mar. A.D. 2023

David S. Clark, PLS L-2829
Surveyor

30 0 30 60 90
GRAPHIC SCALE - FEET

Survey Plat for
Eric James Benfield
115 PUMICE DR, Statesville NC, 28625
Shiloh Township, Iredell County, North Carolina
PIN 3783449151.000
DB 2360 pg 672
Date March 16th, 2023
Drawn By DKB
FB 168 pg 36
Scale 1"=30'
RIVER ROCK P2 PB55-81

David S. Clark Surveyor, PA
1920 32nd St. NE, Hickory, NC 28601
828-256-6400 www.clarksurveying.com

C-3259

ADDENDUM TO THE SALES AGREEMENT

PLOT MAP

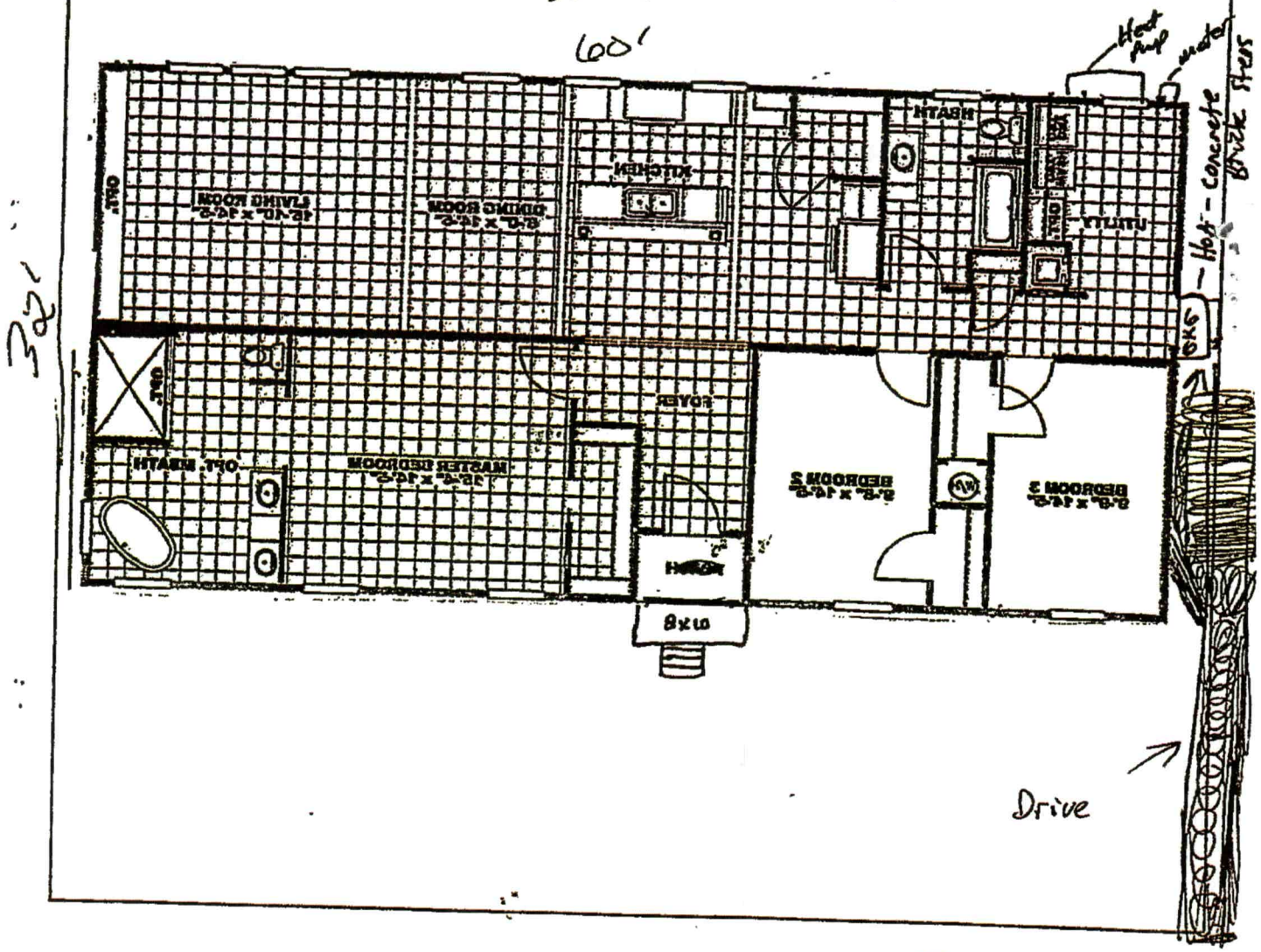
32x60 Modular (3 Bedroom)

Kimberly Boyce 3-17-2023

1756 Sq Ft

32x60

60'



Initials B Initials _____