333 Red Chimney

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

AW BLDR-2024-54919

PERMIT # OSWP-2023-18888

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

PIN # 4727 -- 82 --0483

APPLICANT/OWNER: CUSTOM HOMES BY LISA

APPLICANT ADDRESS: 194 CROSS COUNTRY ROAD, STATESVILLE, N.C. 28625

SITE ADDRESS: ~~106 FOY LANE~~, STATESVILLE, N.C. 28625

PHONE: 704-902-0733 ALT. PHONE —

SITE DIRECTIONS: (N) ON 115, (R) ON RED CHIMNEY, (R) ON FOY, LOT ON (R)

SAP CONTROLLED: [x] YES [ ] NO

SUBDIVISION: IRMA ACRES

SECTION: ~~5~~ LOT # 7 LOT AREA: 0.69 AC

DESIGN FLOW: 360 GPD L.T.A.R.: ~~0.275~~ 0.225 REPAIR

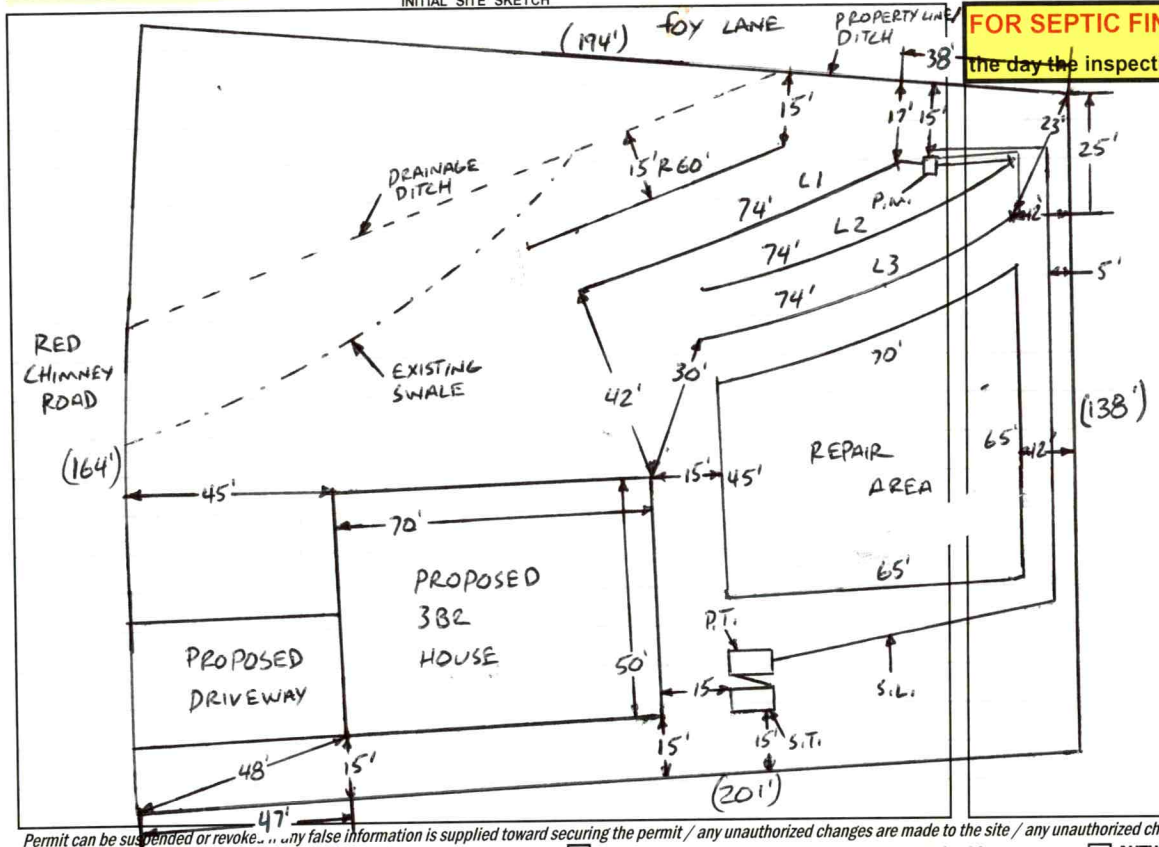
Septic Tank	1000	(gal)	STB	760	Date	8-11-24	[x] New System [ ] Repair [ ] Expansion	System Type: I II (III) IV V VI	
Pump Tank	1000	(gal)	PT	363	Date	10-7-2024	System Description:	50% REDUCTION-LPPBPS- P.M	
Pump Make	Little Giant		Model	EC 40	Serial #		Repair System Description:	LOW PROFILE PRODUCT - 8 IN MAX	
# Nitrification Fields	1		# Lines	3	Linear Ft	222 FT	Maintenance Agreement Required:	[ ] YES [x] NO	
Trench Width	24 IN		Trench Bottom Depth(Low side)	28 IN	Gravel Depth	—		[ ] GRAVITY [x] PRESSURE	

[x] Residence	No. Bedrooms	3	Water Supply
[ ] Business	No. Persons	6	[ ] Private
[ ] Other	No. Employees	—	[x] Public
[ ] Slab	[x] Crawl Space		[ ] Community
[ ] Basement w/plumbing			[ ] Basement w/o plumbing

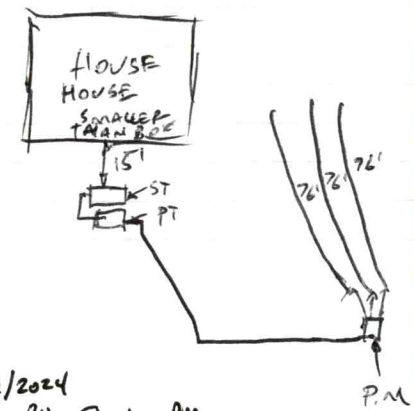
Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 8FT CENTERS, UTILIZE EQUAL DISTRIBUTION VIA PRESSURE MANIFOLD, DO NOT EXCEED A 36 IN MAX TRENCH BOTTOM

SEE NEW FP + SITE PLAN 6-5-2024

INITIAL SITE SKETCH



AS BUILT SKETCH



11/6/2024
- PH - Floats - PM.
- needs Alarm Electrical.
Alarm Electrical 12/30/24

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 = 40 FT
S.T. = SEPTIC TANK
P.T. = PUMP TANK
S.L. = SUPPLY LINE
P.M. = PRESSURE MANIFOLD

TAPS
L1 = 1/2 SCH 40
L2 = 1/2 SCH 40
L3 = 1/2 SCH 40

GPM = 21.33
# OF PANELS = 51
DOSE VOLUME = 184 GAL
RUN TIME = 8.6 MINS
DRAW DOWN = 8.75 IN
PRESSURE HEAD = 2 FT
SUPPLY LINE DIA = 2 IN

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: MAIDEN GRADING

IMPROVEMENT PERMIT by: Bryant C. White Date: 6-27-2023 OPERATION PERMIT by: Sydney Holland Date: 12/30/24

AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 6-27-2023 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? _____	

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 #: 4727-82-0833
DATE OF EVALUATION: 5-26-2023
COUNTY: IREDELL

106 FOY LANE, STATESVILLE, N.C. 28625

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 6%	0-12	FILL MIXED	COMPACTED	Y/B MOTS THRU OUT 2.5Y6/2 @ 32"	53"+	NA	NA	PS .225 LO-PRO CH
		12-34	C, ABK	FI, S, P, SEXP					
		34-53	CL, WABK	FI, SS, SP, SEXP					
2	LINEAR SIDE 8%	0-8	FILL MIXED	COMPACTED	SAP INC THRU OUT FEW Y/B 10"-14"	53"+	NA	NA	PS .3
		8-16	C, ABK	FI, S, P, SEXP					
		16-53	CL, WABK	FR, SS, SP, SEXP					
3	LINEAR SIDE 5%	0-7	FILL MIXED	COMPACTED	SAP INC THRU OUT	84"+	PS II L	NA	PS .3
		7-30	C, ABK	FI, S, P, SEXP					
		30-45	CL, WABK	FR, SS, SP, SEXP					
		45-57	SAP, MAS	FR, NS, NP, SEXP					
4	TERRACE 3%	0-26	FILL	MIXED	Y/B MOTS THRU OUT	57"+	NA	NA	U TILL FILL REMARK
		26-57	C, ABK	FR, S, P, SEXP					
5	TERRACE 5%	0-12	FILL MIXED		SAP INC THRU OUT FEW Y/B MOTS	57"+	NA	NA	PS .275
		12-46	C, ABK	~~FI, S, P, SEX~~ SAP INC					
		46-57	CL, WABK	FR, S, P, SEXP					

COMMENTS:

LEGEND

use the following standard abbreviations

LANDSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR*	LPP .1957 LTAR*	MINERALOGY/ CONSISTENCE	STRUCTURE
CC (Concave Slope) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	Si (Silt) SiCL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SiL (Silt Loam)	0.6 - 0.3	0.3 - 0.15		
					MOIST	**WET**
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay)	0.4 - 0.1	0.2 - 0.05	VFR (Very Friable) FR (Friable) FI (Firm) VFI (Very Firm v. Very Sticky) EFI (Extremely Firm)	NS (Non-sticky) SS (Slightly Sticky) S (Sticky) VS (Very Sticky) NP (Non-plastic) SP (Slightly Plastic) P (Plastic) VP (Very Plastic)
		O (Organic)	None	None		

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

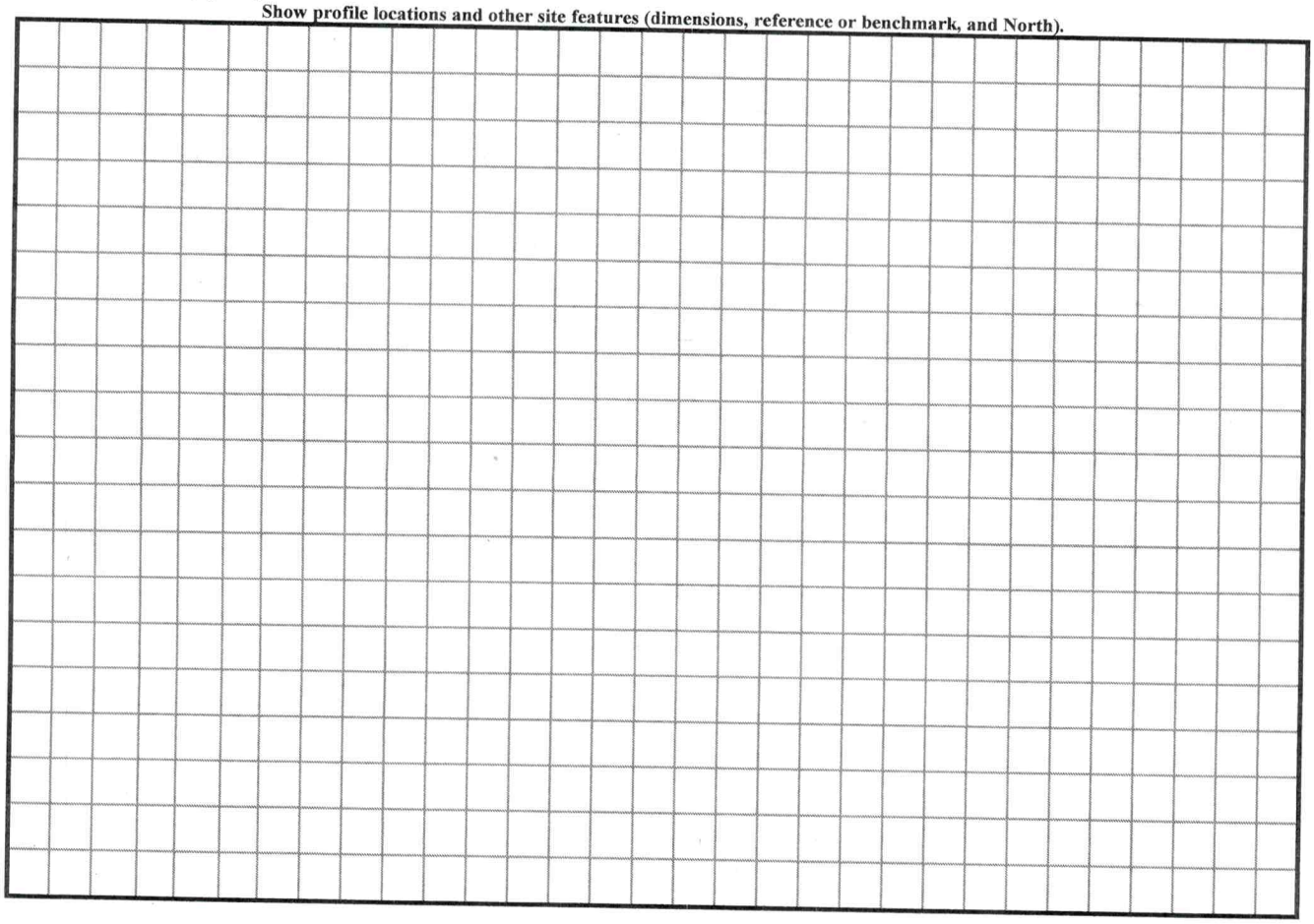
NOTES

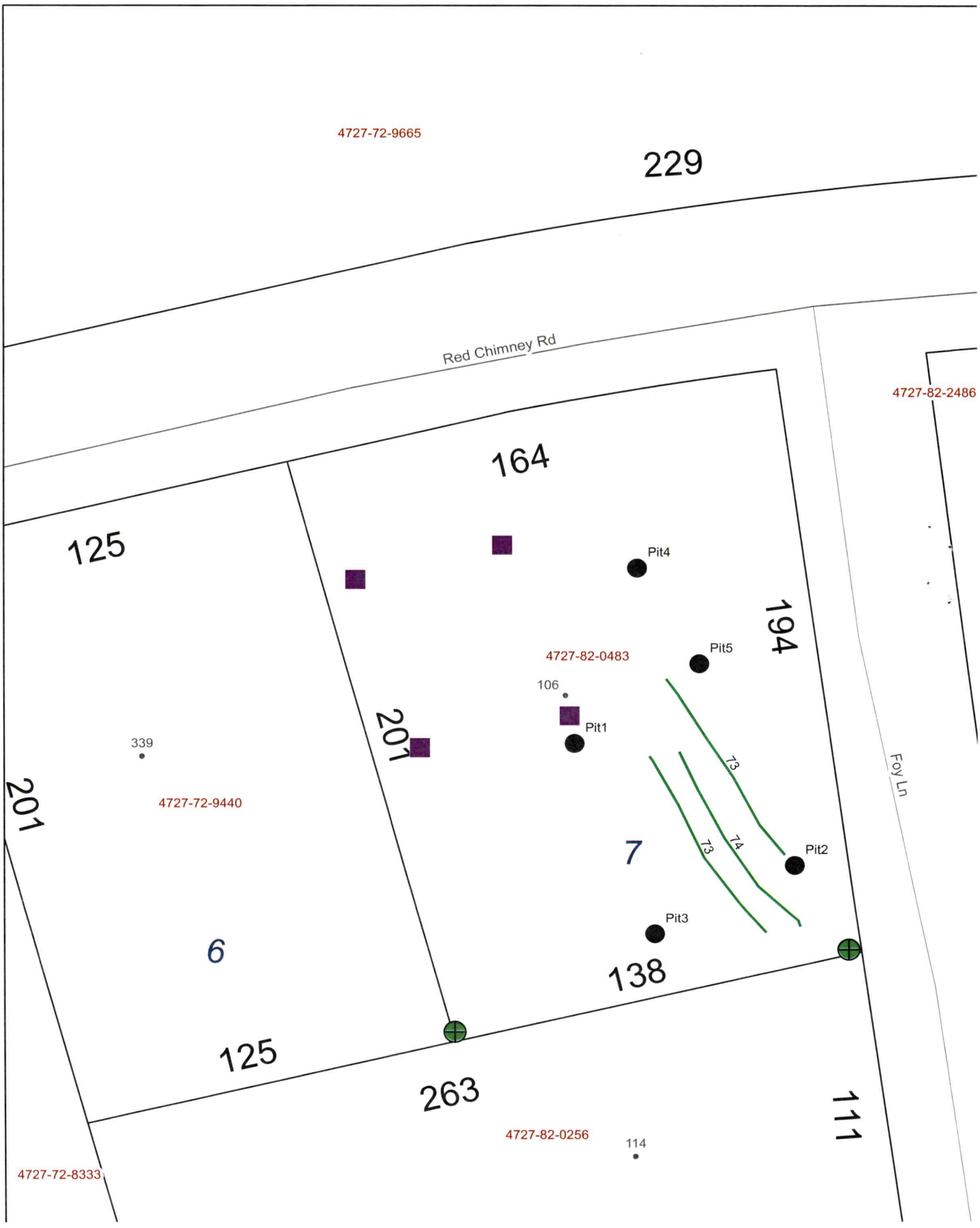
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or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




4727-72-9665
229
Red Chimney Rd
4727-82-2486
164
125
Pit4
194
4727-82-0483
Pit5
106
Pit1
201
339
201
4727-72-9440
Foy Ln
73
74
73
Pit2
7
Pit3
6
138
125
263
111
4727-82-0256
114
4727-72-8333

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

(Check and sign only ONE of the options below)

☐ **1. * APPLICANT AND OWNER ARE THE SAME. * (*Sign here*)** _____

Applications for permits require the "signature of the owner or owner's legal representative" (15A NCAC 18A .1937). If the owner does not sign the application himself or herself, they can submit any one of the following documents to designate their legal representative: *Power of Attorney; Real Estate Contract; Estate executor; Bankruptcy trustee; Court ordered guardianship*

In the absence of the above documentation, the property owner may provide the local health department with documentation that designates a legal representative. A property owner may:

Complete this form to document his or her legal representative, or provide his or her own form that contains the information in this form. If there are multiple property owners, then all property owners must sign the form that designates a legal representative.

By signing a form that designates a legal representative for purposes of 15A NCAC 18A .1937, the property owner authorizes that representative to act on their behalf in matters pertaining to the application and permitting process, including signing or receiving any application, document or permit. The owner retains full responsibility to meet all permit conditions specified by the local health department.

☒ **2.** I, Michael White, am the legal owner(s) of the property located at 106 Fay Lane, identified as PIN (Parcel Identification Number) 4727820483, located in Iredell County, North Carolina.

I do hereby authorize **(print legal representative/company name)**

Lisa Williams, Homes By Lisa, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

- Application for Improvement Permit (IP) / Authorization to Construct (AC)
- Improvement Permit (IP) / Authorization to Construct (AC)
- Application for soil-site evaluation (new/repair)
- Application/permit for private drinking water well/well abandonment
- Application for Compliance Inspection

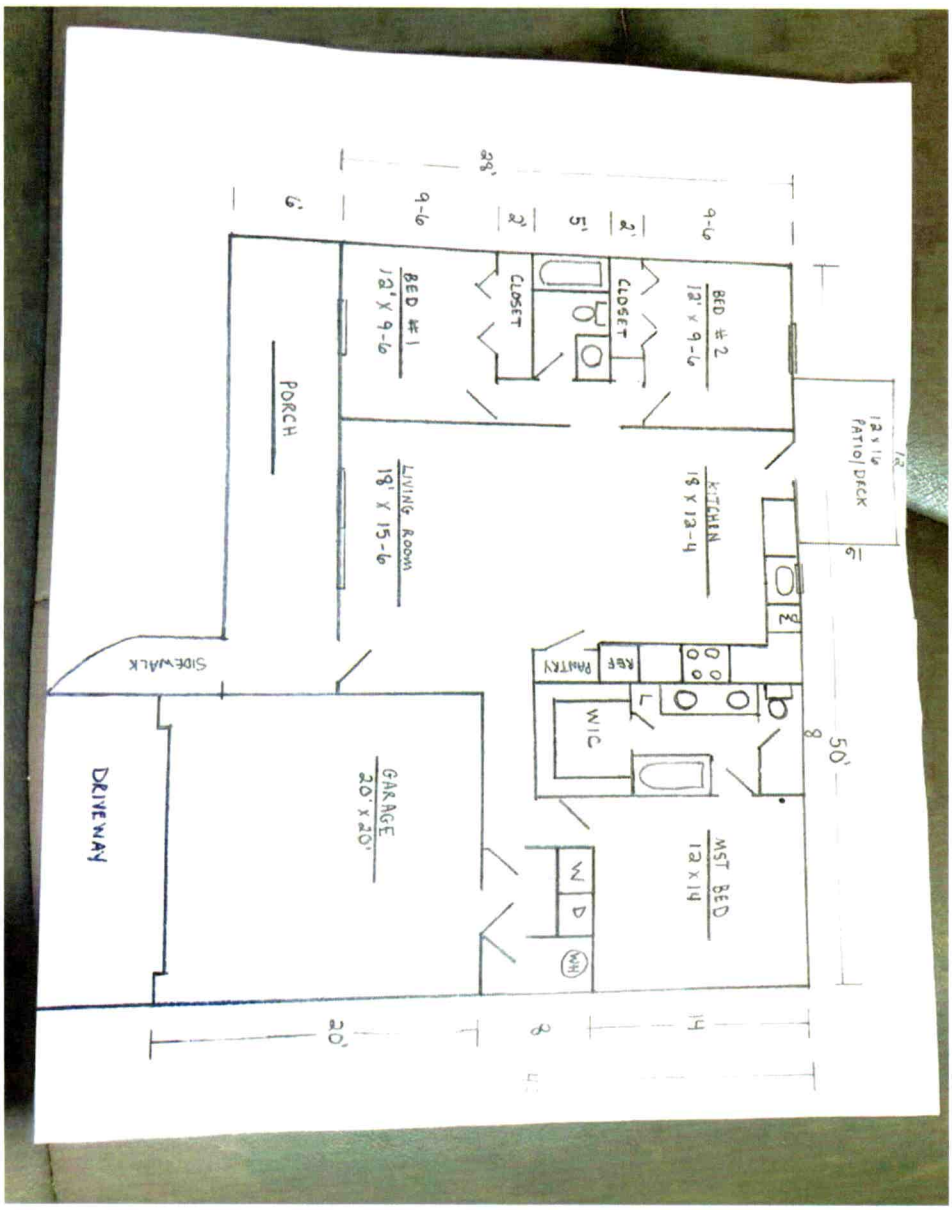
I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

Michael White — Signature of Owner(s)

3/7/23 — Date

Mooresville - Environmental Health
barbara.nebel@co.iredell.nc.us
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

Statesville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677


28'
6'
9-6
2'
5'
2'
9-6
BED #1
12' X 9-6
CLOSET
CLOSET
BED #2
12' X 9-6
PORCH
LIVING Room
18' X 15-6
KITCHEN
18 X 13-4
12 x 12
PATIO/DECK
12
SIDEWALK
PANTRY
REF
W/C
50'
DRIVEWAY
GARAGE
20' x 20'
W
D
WH
MST BED
12 x 14
20'
8
14



PERMIT SNAPSHOT REPORT OSWP-2023-18888 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: 03/13/2023
Exp Date: NOT AVAILABLE
Completed: 03/27/2023
Approval Expire Date:
Description: NEW SEPTIC IP AND AC- Lot will need to be mowed before pits, or you wont be able to see flags for the layout- SH 5/11/23

Parcel: 4727820483.000 Main
Address: 106 Foy Ln Main
Statesville, NC 28625
Zone: R-20(Suburban Residential District)

Property Owner
MICHAEL WHITE
Mobile: (704) 902-6755

Applicant/Authorized Agent
Custom Homes By Lisa, Inc.
4861 wilkesboro hwy 194
CROSS COUNTRY ROAD
Statesville, NC 28625
Business: (704) 902-0733

Applicant/Authorized Agent
Custom Homes By Lisa, Inc.
4861 wilkesboro hwy 194
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Statesville, NC 28625
Business: (704) 902-0733

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Does the site contain any jurisdictional wetlands	No	Non-domestic Sewage Generated	No
Other Public Agency	No	All proposed structure dimensions	NEW HOUSE	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	5	Foundation Type	Crawl Space Foundation
Water Supply	Other Public Water	Desired Septic System Type	Conventional (most common)	If other septic system type, please explain	
Lot Acreage	0.69	Front Setback	35	Back Setback	35
Left Setback	15	Right Setback	15	Zoning Permit Issued Date	Mar 16 2023 12:00AM
Zoning Permit Expiration Date	Sep 12 2023 12:00AM	Is the structure or development in the floodplain	No	Additional Unique Setbacks Apply	No

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Lisa_Williams_3/14/2023.jpg	03/13/2023 21:49	Williams, Lisa		Uploaded via CSS
Scan Mar 13, 2023 (2)_v1.pdf	03/14/2023 7:52	Nebel, Barbara	Available Online	Site Plan
Septic tank request_v1.pdf	03/14/2023 7:52	Nebel, Barbara	Available Online	Authorize to Act as Agent

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-76678	Re-inspection required (with fee)	OSWP Septic/Well Preliminary Site Visit	03/29/2023			03/29/2023 15:02	03/29/2023 15:02

Inspectors: Bracken, Sarah (Primary)

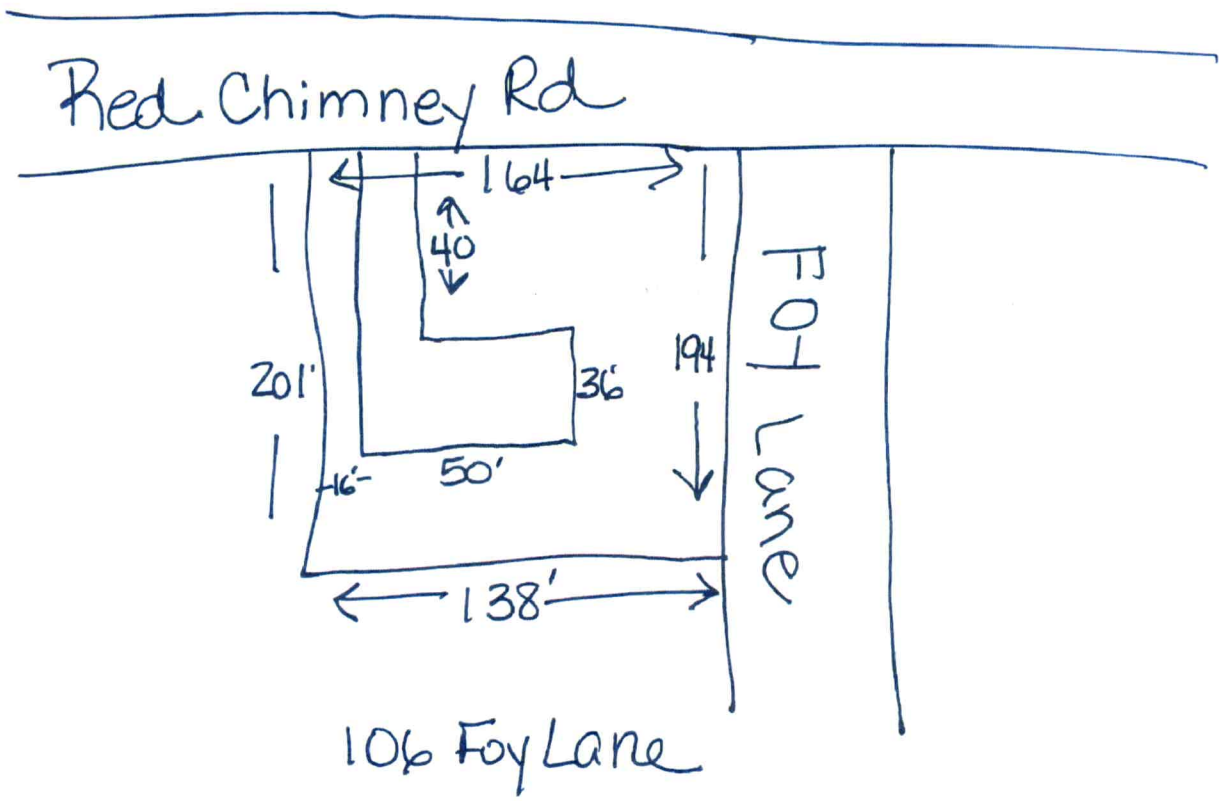
Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general comments, not specific to any other checklist item	No	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-91199	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	05/11/2023	05/11/2023 0:00	05/11/2023 0:00	05/11/2023 12:34	05/11/2023 12:34

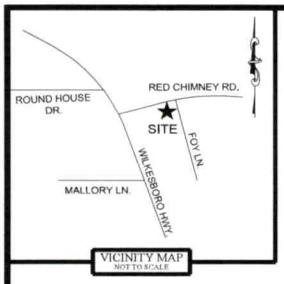
Inspectors: Holland, Sydney (Primary)

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

Linked Record Relationship	Module	Record Number	Linked Record Type	Linked Record Work Class
Parent	Permit	BLDR-2023-18886	Residential Building	New Single-Family Dwelling



Site Plan



****THIS PLOT PLAN DOES NOT REPRESENT A LAND SURVEY, WAS NOT PREPARED FOR RECORDATION, AND IS NOT SUITABLE FOR CONVEYING OF PROPERTY.****

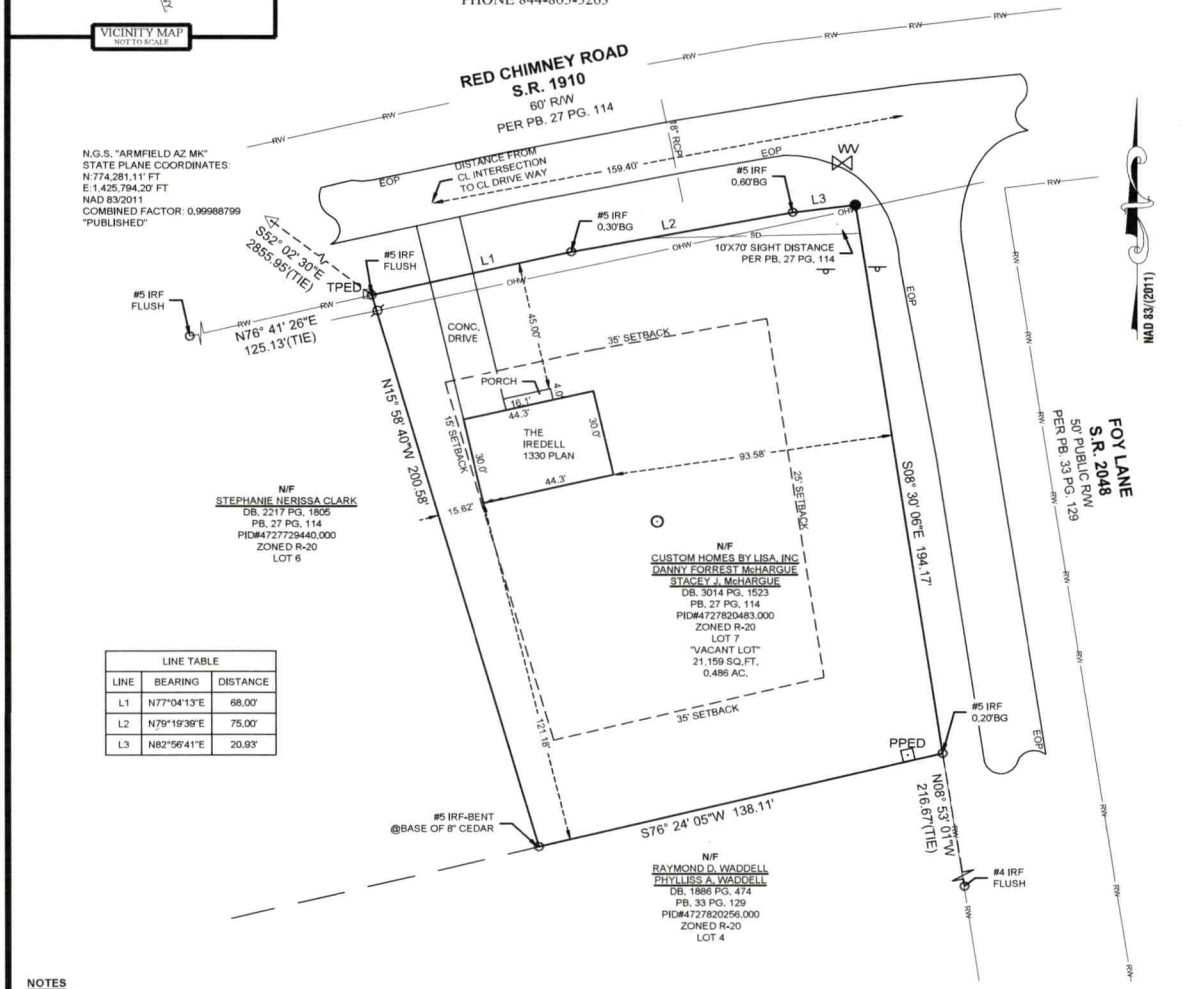
****SUPERINTENDANT TO VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION****

MINIMUM YARD AND BUILDING SETBACK CURRENT REQUIREMENTS PER R-20 ZONING

FRONT SETBACK	35'
CORNER LOT SIDE SETBACK	25'
SIDE YARD SETBACK	15'
REAR SETBACK	35'
MINIMUM YARD WIDTH	90'
MINIMUM LOT AREA SF	20,000 SQ. FT,
MINIMUM LOT AREA SF DWELLING W/WATER	15,000 SQ.FT.

PRELIMINARY

JULIA A. McDONALD, P.L.S.
3556 CENTRE CIRCLE, SUITE A
FORT MILL, SC 29715
PHONE 844-865-5263



LINE TABLE		
LINE	BEARING	DISTANCE
L1	N77°04'13"E	68.00'
L2	N79°19'39"E	75.00'
L3	N82°56'41"E	20.93'

NOTES

1. ALL DISTANCES SHOWN ARE HORIZONTAL GROUND DISTANCES AND ARE IN U.S. SURVEY FEET AND DECIMALS THEREOF, UNLESS OTHERWISE NOTED.
2. ALL AREAS HAVE BEEN COMPUTED BY THE COORDINATE GEOMETRY METHOD.
3. THIS DRAWING IS NOT INTENDED TO CONFORM TO N.C. GS47-30 AND IS THEREFORE NOT FOR RECORDATION.
4. THIS MAP WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE EXAMINATION BY AN ATTORNEY AND MAY BE SUBJECT TO EASEMENTS, COVENANTS, RESTRICTIONS, AND OTHER MATTERS EITHER RECORDED OR IMPLIED. PHYSICAL LOCATIONS OF SANITARY SEWER MANHOLES ARE SHOWN FOR THIS SURVEY. SUBSURFACE CONNECTIVITY NOT VERIFIED. RECORDED/ UNRECORDED/ IMPLIED UTILITY EASEMENTS MAY EXIST.
5. TIES TO NGS MONUMENT SHOWN HEREON, NC GRID COORDINATES AS SHOWN HEREON ARE BASED UPON GPS OBSERVATIONS UTILIZING NCGS' NETWORK RTK SYSTEM WITH A SPECTRA 85 AND ARE REFERENCED TO THE NAD 83(NSRS 2011) DATUM. COMBINED FACTOR 0.99988799. ALL DISTANCES SHOWN HEREON ARE HORIZONTAL GROUND DISTANCES (US SURVEY FOOT) UNLESS OTHERWISE NOTED.
6. SUBJECT PROPERTY IS CURRENTLY ZONED R-20 IRDELL COUNTY GIS. CONSULT WITH GOVERNING AGENCY FOR PREVAILING LAND DEVELOPMENT AND ZONING REQUIREMENTS PRIOR TO DESIGN OR CONSTRUCTION OF ANY IMPROVEMENTS.
7. NO PORTION OF THIS PARCEL LIES WITHIN A COMMUNITY OR FEMA FLOOD ZONE PER PANEL #3710472700J EFFECTIVE DATE: 3/18/2008.
8. IRON PINS ON ALL CORNERS UNLESS OTHERWISE NOTED.
9. THIS PROPERTY MY BE SUBJECT TO MAXIMUM IMPERVIOUS AREA REQUIREMENTS. BEFORE MAKING ANY RENOVATIONS OR REPAIRS TO THIS PROPERTY CHECK WITH THE LOCAL PLANING OR ZONING DEPARTMENT FOR ANY RESTRICTIONS OR REGULATIONS IN PLACE.

Graphic Scale
40 20 0 40
Scale of Drawing 1 Inch = 40 Feet

LEGEND

●	#4 REBAR SET
O IRF	IRON REBAR FOUND AS LABLED
	LINES SURVEYED
	TIE LINES
	LINES NOT SURVEYED
	SETBACKS
RW	APPARENT RIGHT OF WAY
EOP	EDGE OF PAVEMENT
OHW	OVERHEAD WIRES
	UTILITY POLE
	NGS MONUMENT
EOP	EDGE OF PAVEMENT
	STORM DRAIN LINE
DB	DEED BOOK
PB	PLAT BOOK
BG	BELOW GROUND
AG	ABOVE GROUND
	SIGN
RCP	REINFORCED CONCRETE PIPE
WV	WATER VALVE
TPED	TEL-COM PEDESTAL
PPED	POWER PED
	SPIGOT
SD	SIGHT DISTANCE
CL	CENTER LINE

PLOT PLAN OF LOT 7 OF IRMA ACRES SECTION 1

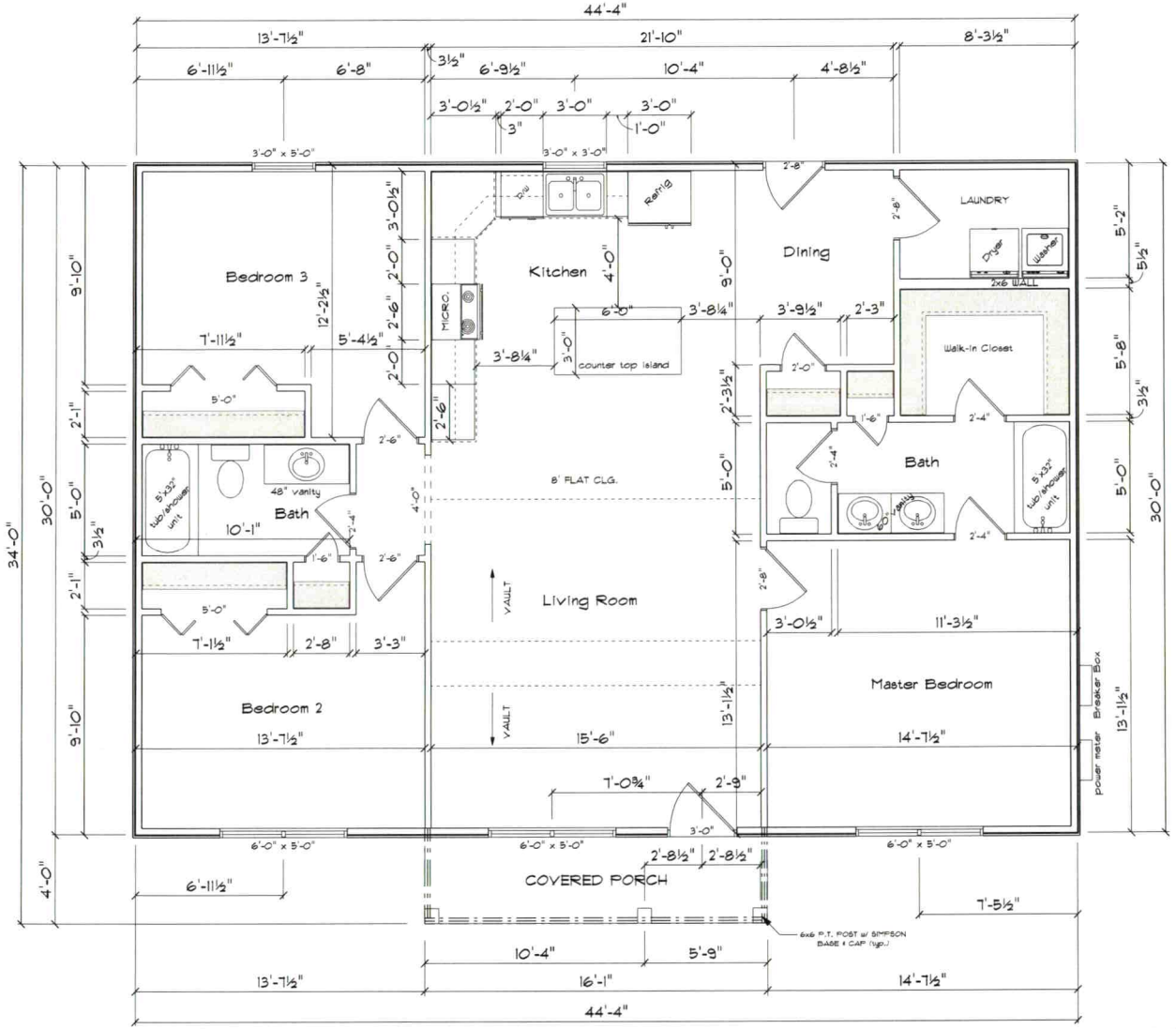
TIDEMARK LAND SERVICES
3556 CENTRE CIRCLE, SUITE A
FORT MILL, SC 29715
OFFICE 844.865.5263
WWW.TIDEMARKLAND.COM
NC FIRM C-4291 / SC COA 5654

PLOT PLAN MADE AT REQUEST OF:
FOUR CORNERS OF CHARLOTTE

AS RECORDED IN:
DEED BOOK: 3014 PAGE: 1523
PLAT BOOK: 27 PAGE: 114

SITE ADDRESS:
106 FOY LANE
CITY OF STATESVILLE
NORTH CAROLINA, 28208
IREDELL COUNTY

1091-0143	KRS	≥ 1:10,000+	1"=40'	4727820483.000	106 FOY LN	1 of 1	6/4/2024 Date 6/5/2024 REV: MOVE HOUSE
Job No.	Drawn By	Error of Closure	Drawing Scale	Tax Parcel Number	Drawing File Name	Sheet Number	



1ST FLOOR PLAN

SQUARE FOOTAGE
1ST. FLOOR 1330 SQFT.
COVERED PORCH 64 SQFT.
TOTAL UNDER ROOF 1394 SQFT.

ATTENTION

1 - ALL WORK SHALL MEET ALL LOCAL, STATE, AND NATIONAL BUILDING CODES THAT APPLY.
2 - THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE STARTING CONSTRUCTION.
3 - ALL DIMENSIONS SHOULD BE READ OR CALCULATED. NOT SCALED.
4 - NOT RESPONSIBLE FOR ERRORS DISCOVERED AFTER CONSTRUCTION HAS STARTED.

SCALE: 3/16" = 1'-0"

Every Effort has been made in the preparation of these plans to avoid errors. However, errors and omissions may occur. It is the responsibility of the Owner and/or Contractor to thoroughly review these plans and verify all dimensions and conditions prior to beginning construction. Owner and/or Contractor should notify Designer of any discrepancies found before beginning construction. The Contractor and/or Owner shall assume responsibility for errors that are not reported.

The Iredell

1330 PLAN

REVISIONS: 05-15-19

DATE DRAWN: 05-15-19

A-4