ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BLDR 2024-47018

PERMIT : OSWP 2024-45815

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

PIN # 4702 - 64 - 7571

APPLICANT/OWNER: Hyde Homes LLC APPLICANT ADDRESS: 387 Woodbridge Rd, Statesville, NC 28625

SITE ADDRESS: 4637 Lewis Ferry Rd, Statesville, NC 28677 PHONE: (704) 201-9935 ALT. PHONE -

SITE DIRECTIONS: Old Mountain, E Lewis Ferry SAP CONTROLLED: ☑ YES ☐ NO

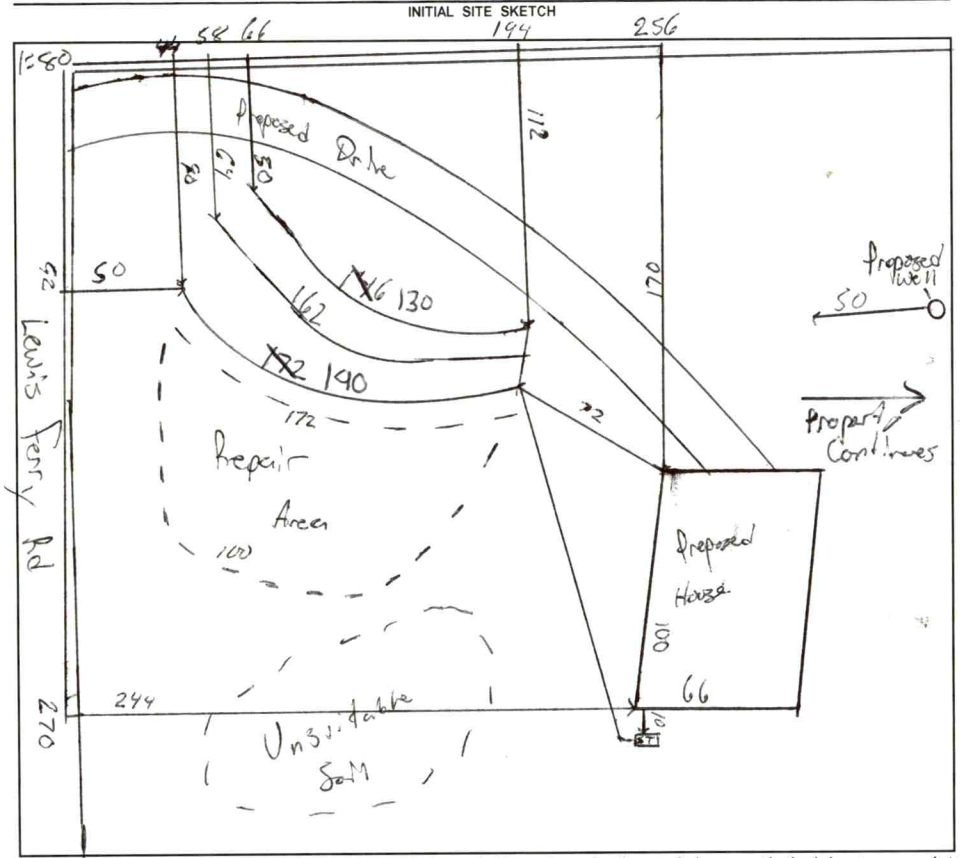
SUBDIVISION: - SECTION: - LOT #: - LOT AREA: 11.946 DESIGN FLOW: 480 L.T.A.R.(Initial): .25 L.T.A.R (Repair): .2

Septic Tank	1000 (gal)	STB	700	Date	8/16/24	☑ 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:	25% Reduction - Septic	☐ Business	No. Persons 8	☑ Private
Pump Make	Model			Serial #		Repair System Description:	50% Reduction - Horizontal	☐ Other	No. Employees	☐ Public
# Nitrification Fields	1 # Lines	3		Linear Ft	480	Maintenance Agreement Required:	☐ YES ☑ NO	☐ Slab	☑ Crawl Space	☐ Community
Trench Width	36 in *Max. Trench Depth(Initial)	20 in	*Max. Trench Depth(Repair)	18 in	Gravel Depth -	☑ GRAVITY ☐ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing	

* Measured on the downhill side of the trench Effluent Standard: ☑ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40 Usable Depth to LC (Initial): 34 in Usable Depth to LC (Repair): 34 in *Limiting Condition*

Comments / Conditions: Install on contour with 4ft centers. Do not drive, park or construct on septic area. Was asked to put septic tank on far side.

INITIAL SITE SKETCH



AS BUILT SKETCH

Installed as Drawn

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 Signature Date: Installed by: Williams Excavation

IMPROVEMENT PERMIT by: Matt Wi Date: 2/8/24 OPERATION PERMIT by: Tony Hill Date: 10/11/24

AUTHORIZATION TO CONSTRUCT by: Matt Wi Date: 2/8/24 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? _____	

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

Sheet 1 of 1
PROPERTY ID #: 4702647571
COUNTY: Iredell

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

OWNER: Hyde Home LLC
ADDRESS: 367 Woodbridge Rd, Statesville, NC 28625
PROPOSED FACILITY: PROPOSED DESIGN FLOW (.1949):
LOCATION OF SITE: 637 Lewis Ferry

APPLICATION DATE 11/26/24
DATE EVALUATED: 2/6/24
PROPERTY SIZE: 11.746 AC
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) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	FS 4%	0-22	C/WSBK	SS SP FR SE	10YR 4/2 10-42	42	SAP inclusions begin at 24		Un
		22-42	CL/WABK	SS SP FR SE					
		42-60	LSAP/M	SS SP FI SE					
2	FS 7%	0-28	SCL/Gr	SS SP FR SE	18 in SL	28	-	Rock Showing at 22	PS .2 Shallow
		28-28	SL/WSBK	SS SP FR SE					
		28+	Rock Controlled						
3	FS 4%	0-8	SCL/Gr	SS SP FR SE	10YR 7/1 at 40-51 2.5Y 7/2 at 34 10YR 6/6 21-51	Cl			PS .2 Shallow
		8-35	C/WSBK	SS SP FR SE					
		35-61	CL/SABK	SS SP FR SE					
4	LS 4%	0-17	SL/Gr	SS SP FI SE	-	63	71-63 Sap inc	39 in Clean root channel	PS .25
		17-56	C/ABK	SS SP FR SE					
		56-63	CL/WABK						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	480	480
System Type(s)	25%	50%
Site LTAR	.25	.2

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Matthew
OTHER(S) PRESENT: Ben B., Cory W.

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		
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay)	0.4 - 0.1	0.2 - 0.05		
		O (Organic)	None	None		

MOIST	WET
VFR (Very Friable)	NS (Non-sticky)
FR (Friable)	SS (Slightly Sticky)
FI (Firm)	S (Sticky)
VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
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

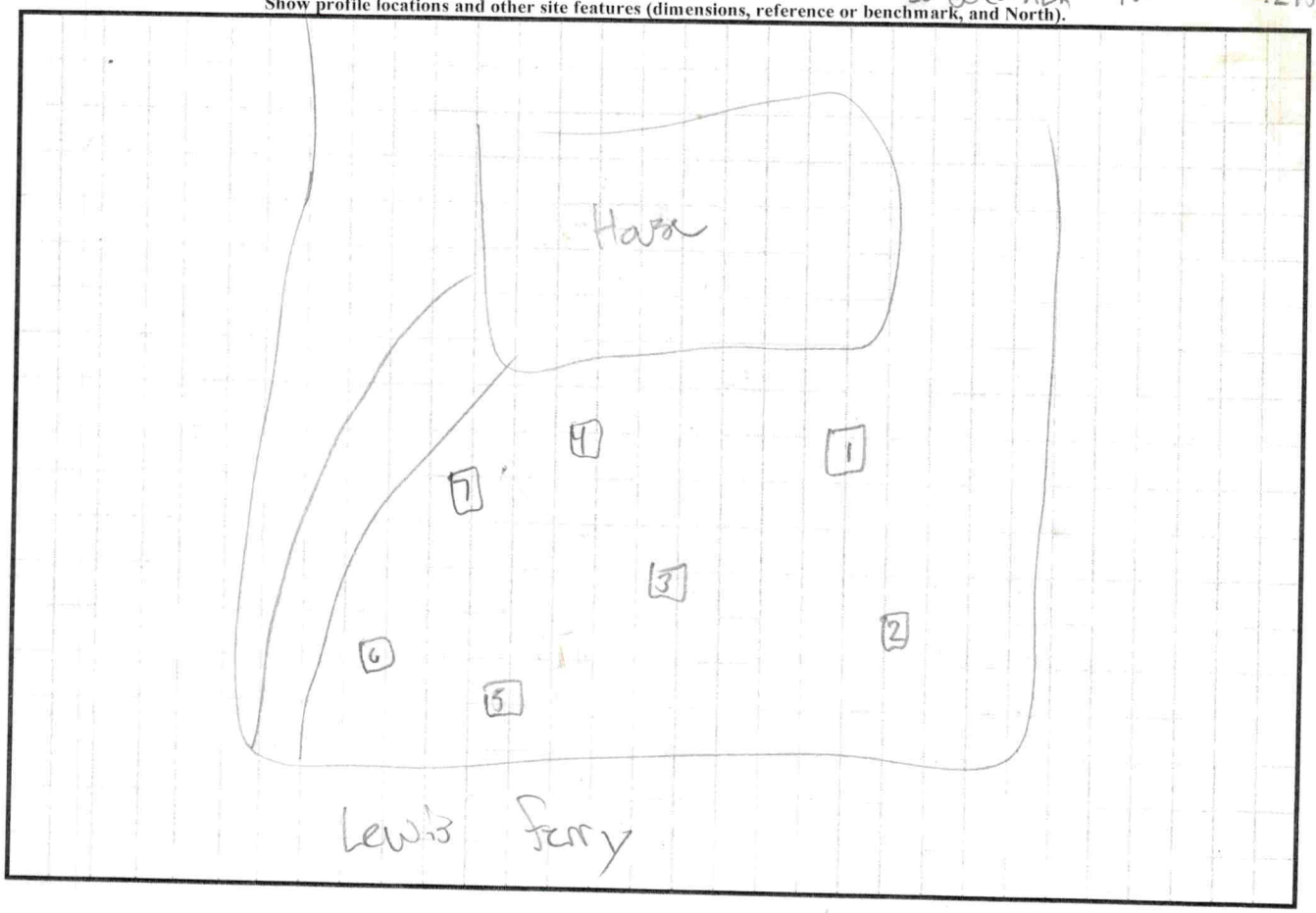
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or 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/ft²

7% 7) 0-9 SCL/Gr Sap + Litho PS
9-20 CL/ABK
20-60 CL/ABK 4/84 .275

Show profile locations and other site features (dimensions, reference or benchmark, and North).



5% 6) 0-9 SCL/Gr Litho Sap YB P3
9-30 CL/WSBK begin inclusions
30-70 CL/SBK 42+ begin at 24 30-43 .25

C) 0-9 SCL GR
4% 9-24 CL WSBK Litho & SAP PS
24-38 SAP FI inc at 22+ .25
38-59 Rock

PERMIT SNAPSHOT REPORT OSWP-2024-45815 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	01/26/2024
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:**	Wilkinson, Matthew	**Approval Expire Date:**	
Description:	Applying for Intermediate Re-Layout/AC needed 4 bedroom, 3.5 bath				

Parcel: 4702647571.000 Main	**Address:** 837 Lewis Ferry Rd Statesville, NC 28677 Main	**Zone:** RA(Residential Agricultural District)

Property Owner
PAUL E+TARA L DYE

Applicant/Authorized Agent
Hyde Homes, LLC
387 Woodbridge Rd 129
WHISPER PINE RD.
Statesville, NC 28625
Business: (704) 201-9935

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Authorization to Construct, Intermediate Re-Layout, 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	100'-1" x 65'-11 3/8"
What are the proposed structures	New Single-Family Residence - Stick Built	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	4
If other Addition/Structure, please explain		Number of Occupants	8	Foundation Type	Crawl Space Foundation
Water Supply	New Well	Desired Septic System Type	No Preference	Additional Unique Setbacks Apply	No

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Joseph_Hyde_1/26/2024.jpg	01/26/2024 16:05	Hyde, Joseph		Uploaded via CSS
Documentation to autorize an owner's legal representative_v1.pdf	01/26/2024 16:41	Hart, Ronda	Available Online	Authorize to Act as Agent
Septic permit #311747_v1.pdf	01/26/2024 16:41	Hart, Ronda	Available Online	Additional Supporting Information
Site plan_v1.pdf	01/26/2024 16:41	Hart, Ronda	Available Online	Site Plan

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-184579	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	01/30/2024	01/29/2024 0:00	01/29/2024 0:00	01/30/2024 9:16	01/30/2024 9:16

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	

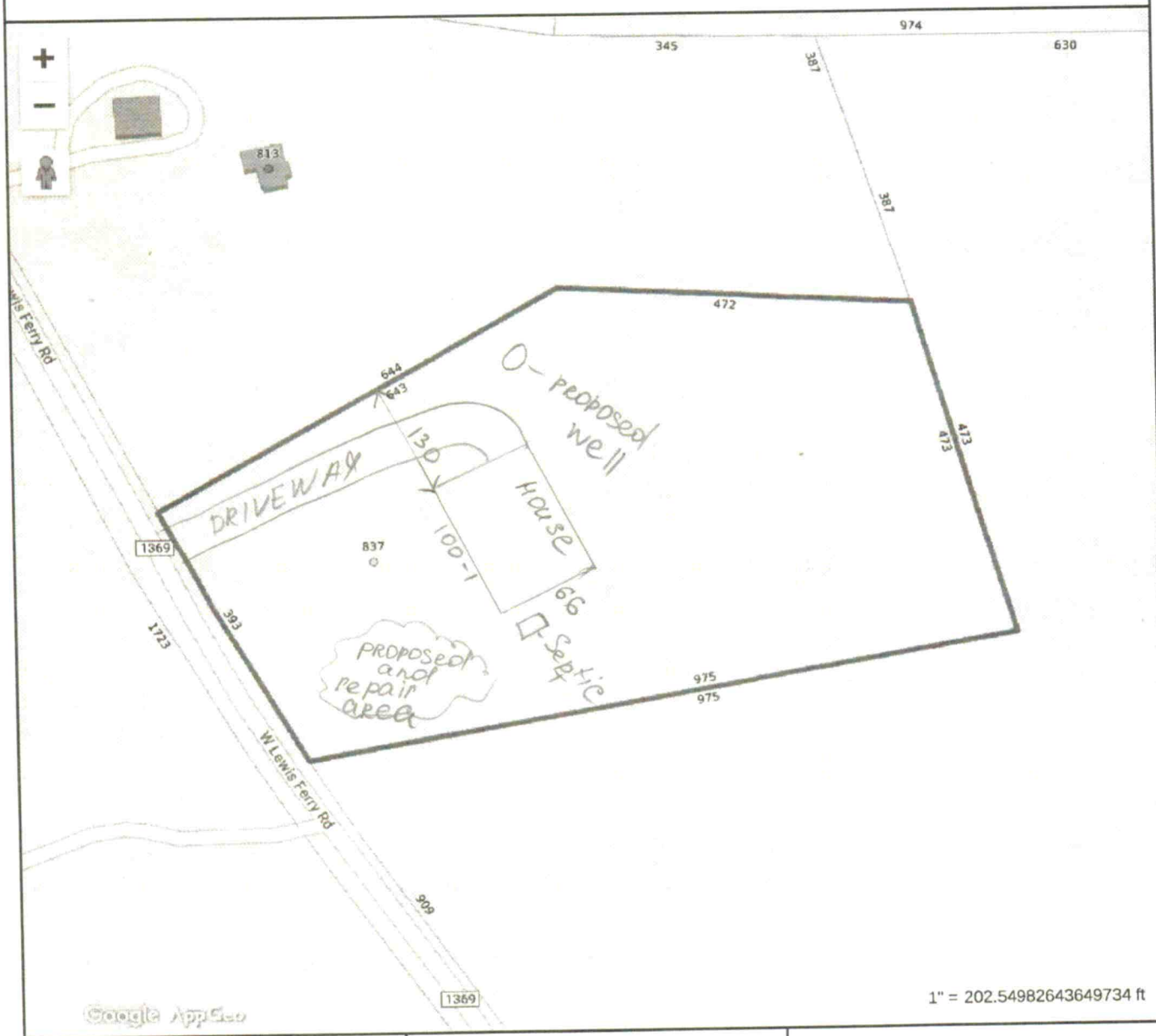
Invoice No.	Fee	Fee Amount	Amount Paid
INV-00026066	Intermediate Re-layout	$320.00	$320.00
	Total for Invoice INV-00026066	$320.00	$320.00
	Grand Total for Permit	**$320.00**	**$320.00**

PERMIT SNAPSHOT REPORT (OSWP-2024-45815)

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		01/26/2024 16:42	01/26/2024 16:42
Confirm application complete v.1	Generic Action		01/26/2024 16:42
~~**Zoning Review v.1**~~			01/26/2024 16:42
~~Floodplain Admin Overview v.1~~	Task		01/26/2024 16:42
~~Issue Invoice v.1~~	Generic Action		01/26/2024 16:42
~~Fees Paid v.1~~	Generic Action		01/26/2024 16:42
Fees v.1		01/26/2024 16:42	01/29/2024 7:36
Issue Invoice v.1	Generic Action		01/26/2024 16:42
Fees Paid v.1	Generic Action		01/29/2024 7:36
Lot Readiness Verification v.1		01/30/2024 9:16	
OSWP Septic Preliminary Site Visit v.1	Inspection	01/30/2024 9:16	01/30/2024 9:16
OSWP Site Evaluation v.1	Inspection		
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		

Iredell County, North Carolina

January 26, 2024



Tax Map Information

• PIN	4702647571.000
• Address	837 LEWIS FERRY RD
• Account #	Acct 80085896
• Tax Owner	DYE PAUL E
• Mailing Address	124 HARRIS FARM RD
•	MOORESVILLE, NC 28115
• GIS Owner	DYE PAUL E+TARA L
• Deed Info	2852 / 320 - WD - 20210916
• Tax Acres	11.746 AC
• Lot #	
• Description	SR1369
• Zoning	RA
• Old Parcel #	1408C00000A016
• Bldg Value	$0
• OBXF Value	$0
• Land Value	$129,210
• Total Value	$129,210
• Defer Value	$0
• Tax Districts	-ALLCNTY FIRE- -

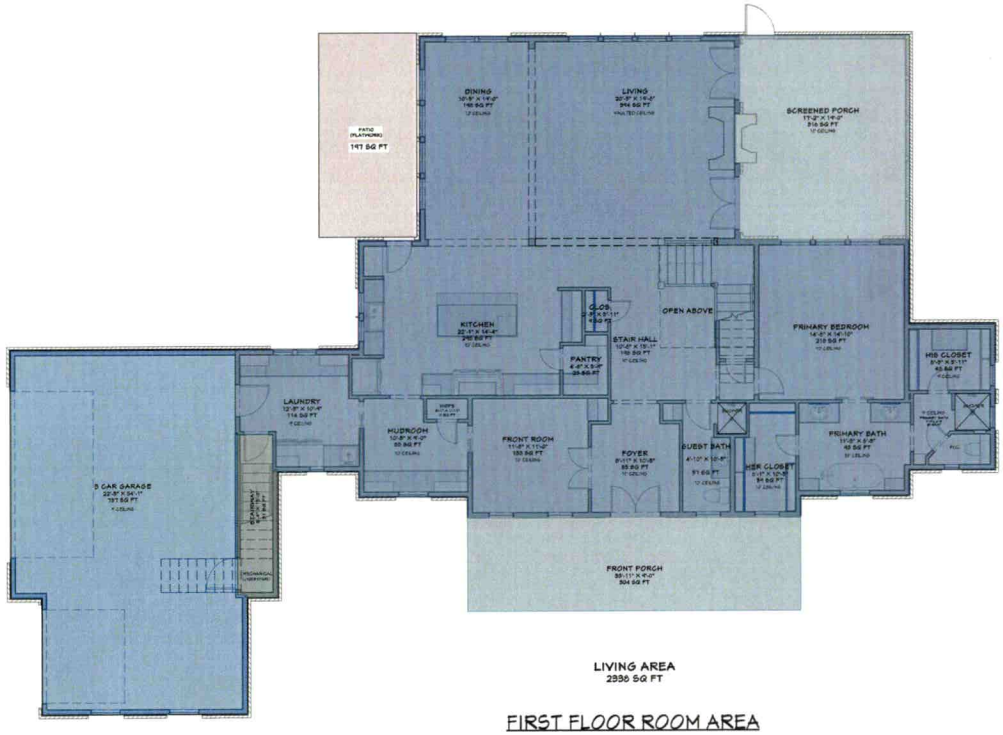
IREDELL COUNTY, NC

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 11/15/2023
Data updated 11/14/2023

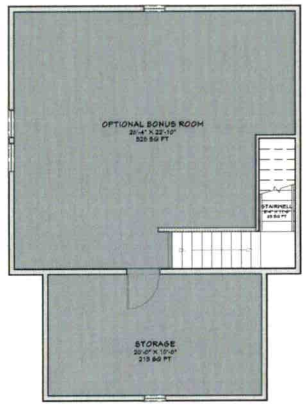
Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.



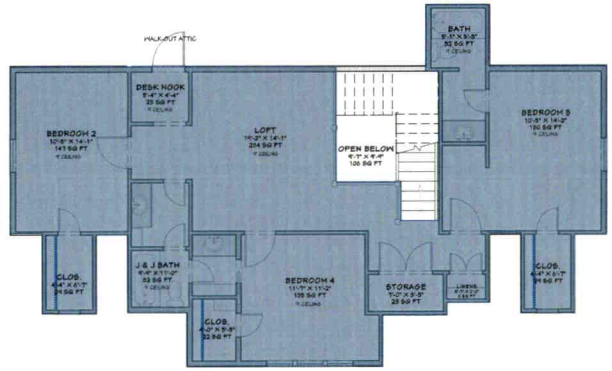
LIVING AREA
2936 SQ FT

FIRST FLOOR ROOM AREA

NOT TO SCALE



SQUARE FOOTAGE	
AREA	SQ. FT.
FIRST FLOOR LIVING	2936
SECOND FLOOR LIVING	1146
TOTAL LIVING	5404
GARAGE	797
COVERED PORCHES	620
UNFINISHED SPACE / STORAGE	792
PATIOS	197



LIVING AREA
1146 SQ FT

SECOND FLOOR ROOM AREA

NOT TO SCALE

OLD BARN DESIGN - GRANBURY, TX
Phone: 469-893-1108
Email: jessica@oldbarncompany.com
Website: www.oldbarncompany.com
OLD BARN

THE DYE HOUSE

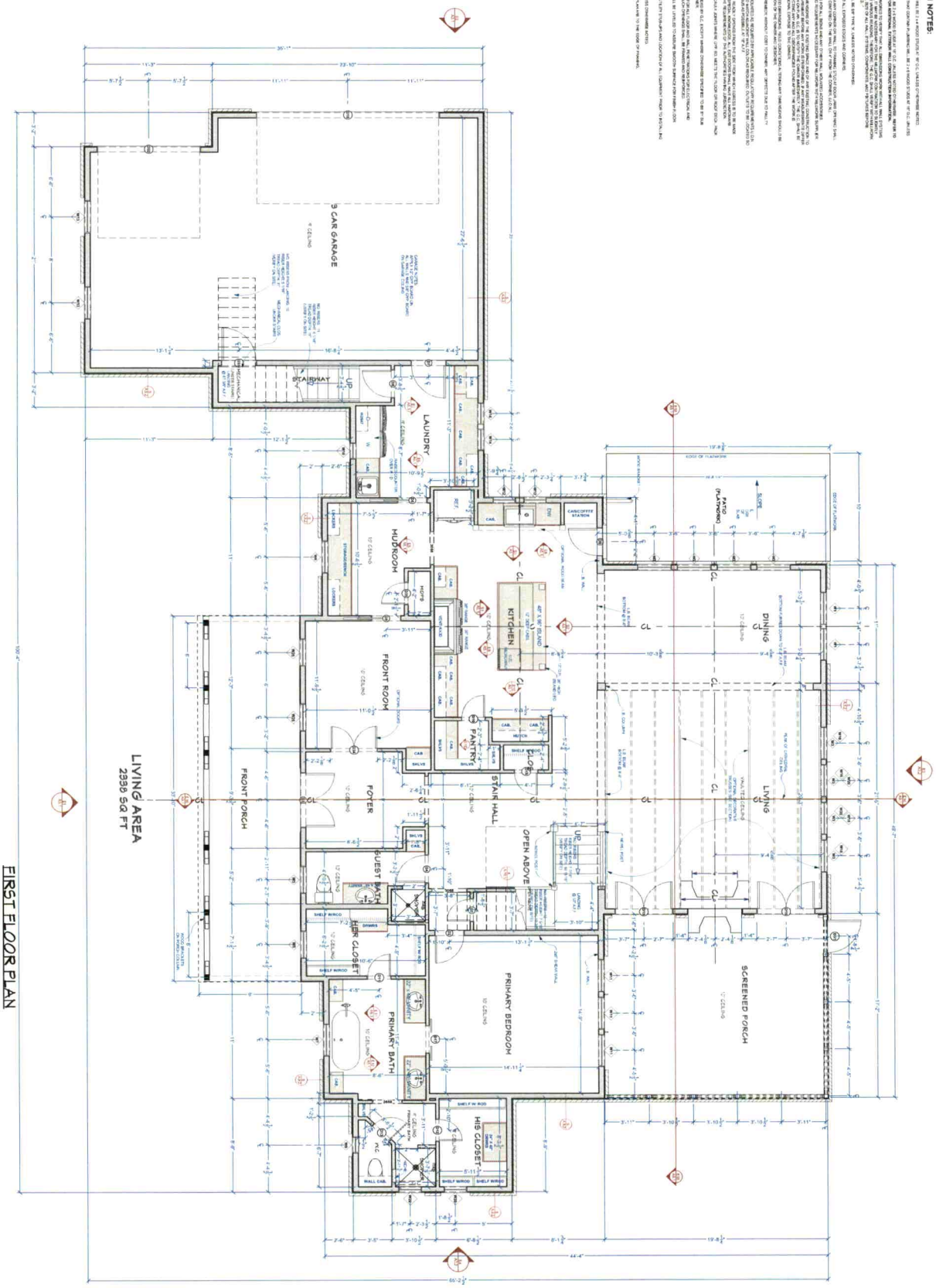
837 LEWIS FERRY ROAD
STATESVILLE, NC

OVERVIEW

PLAN DATE
10/26/2023

PAGE
A0.2

© OLD BARN DESIGN The use of these plans and specifications is restricted to the original site for which they were prepared. Re-use, reproduction or publication by any method in whole or in part is prohibited, unless authorized by Jessica Starr. Ownership of the design, plans and specifications is solely with Jessica Starr.



FIRST FLOOR PLAN

SCALE: 1/4" = 1'

© OLD BARN DESIGN The use of these plans and specifications is restricted to the original site for which they were prepared. Re-use, reproduction or publication by any method in whole or in part is prohibited, unless authorized by Jessica Starr. Ownership of the design, plans and specifications is solely with Jessica Starr.

FLOOR PLAN

THE DYE HOUSE

537 LEWIS FERRY ROAD
STATESVILLE, NC

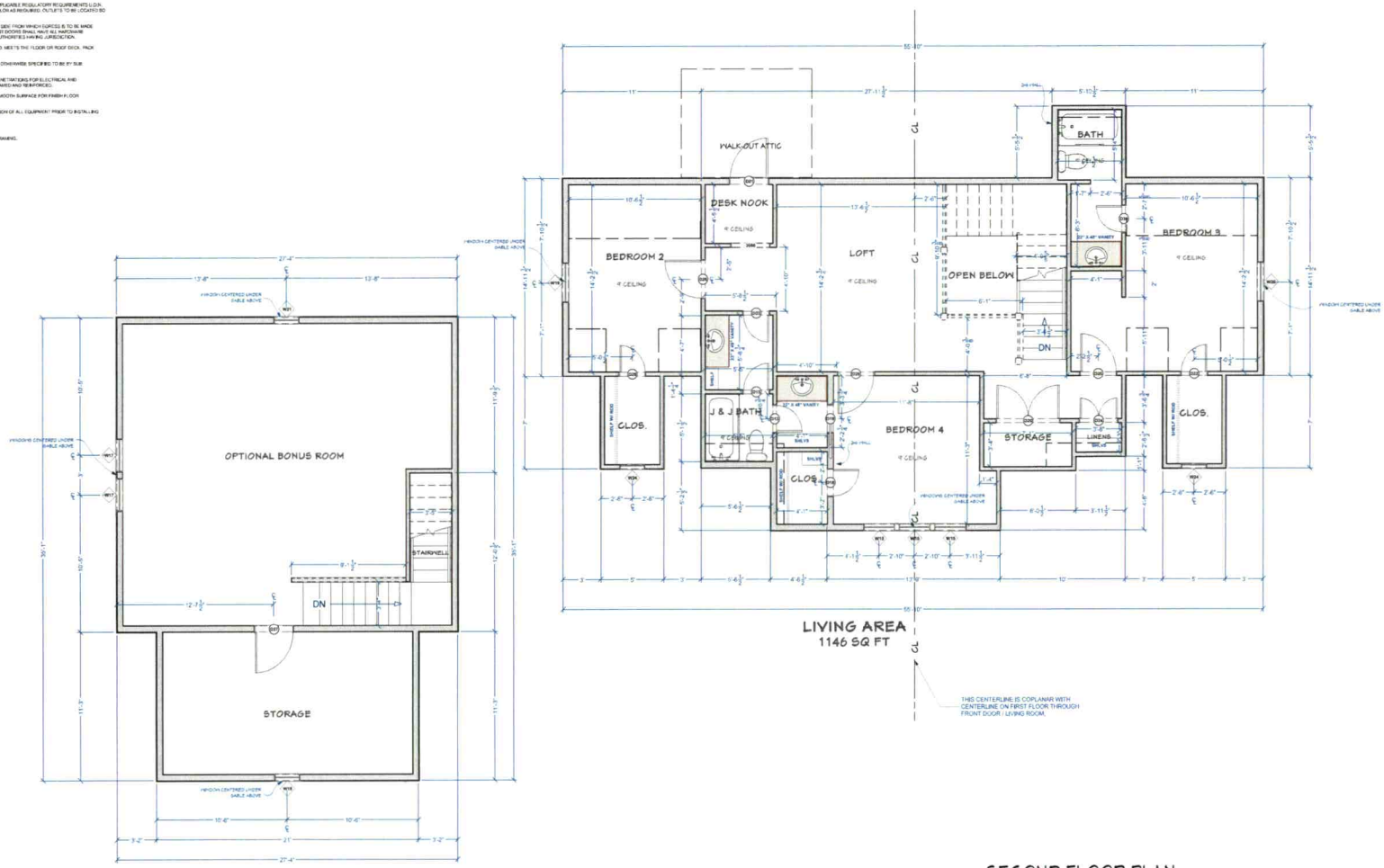
OLD BARN DESIGN - GRANBURY, TX
Phone: 469-693-1108
Email: jessica@oldbarncompany.com
Website: www.oldbarncompany.com

PLAN DATE 10/26/2023

PAGE A2.2

FLOOR PLAN NOTES:

1. ALL INTERIOR PARTITIONS WILL BE 2 x 4 WOOD STUDS AT 16" O.C. UNLESS OTHERWISE NOTED.
2. ALL INTERIOR PARTITIONS THAT CONTAIN PLUMBING WILL BE 2 x 6 WOOD STUDS AT 16" O.C. UNLESS OTHERWISE NOTED.
3. ALL EXTERIOR WALLS WILL BE 2 x 6 WOOD STUDS AT 16" O.C. UNLESS NOTED OTHERWISE. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL EXTERIOR WALL CONSTRUCTION INFORMATION.
4. THE DESIGNER HAS ENDEAVORED TO VERIFY THAT ALL DIMENSIONS WORK WITH ALL WALL SYSTEMS AND FIXTURES. HOWEVER, IT MAY BE NECESSARY FOR THE MILLWORK CONTRACTOR TO SLIGHTLY ALTER A FIXTURE SIZE FOR VARIOUS REASONS. THEREFORE, THE G.C. SHALL VERIFY WITH MILLWORK CONTRACTOR THE ACTUAL SIZE OF ALL WALL, SYSTEMS, CONFORMATE, AND FIXTURES BEFORE CONSTRUCTING ANY WALLS.
5. ALL GYPSUM BOARD SHALL BE 5/8" TYPE 'X', UNLESS NOTED OTHERWISE.
6. PROVIDE DRYWALL TRIM AT ALL EXPOSED EDGES AND CORNERS.
7. MINIMUM DIMENSION FROM ANY CORNER OR WALL TO FRAMING STUD AT DOOR JAMB OPENING SHALL BE 4" (U.O.N.). DOORS ARE CENTERED ON THE WALL OR 4" FROM THE CORNER. (U.O.N.).
8. PROVIDE WOOD BLOCKING FOR ALL SIGNS AND ANY OTHER WALL MOUNTED ACCESSORIES. COORDINATE ALL BLOCKING REQUIREMENTS NECESSARY FOR MILLWORK WITH MILLWORK SUPPLIER.
9. THE G.C. SHALL VERIFY DIMENSIONS OF THE EXISTING SPACE AND OF ANY EXISTING CONSTRUCTION TO REMAIN BY ACTUAL MEASUREMENT BEFORE ANY WORK IS PERFORMED. IF ANY MEASUREMENTS DIFFER FROM DIMENSIONS SHOWN ON PLAN, G.C. IS TO NOTIFY THE OWNER IMMEDIATELY. THE G.C. SHALL BE RESPONSIBLE FOR CORRECTING ANY AND ALL DISCREPANCIES FOUND AFTER THE WORK IS PERFORMED AT NO ADDITIONAL EXPENSE TO THE OWNER.
10. G.C. TO VERIFY ALL FINISHED DIMENSIONS, FIELD CONDITIONS ALTERING ANY DIMENSIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER AND DESIGNER.
11. THE CONTRACTOR SHALL, REMEDY, WITHOUT COST TO OWNER, ANY DEFECTS DUE TO FAULTY WORKMANSHIP.
12. CONVENIENCE OUTLETS MOUNTED AS REQUIRED BY APPLICABLE REGULATORY REQUIREMENTS (U.O.N. CONVENIENCE OUTLETS TO MATCH ADJACENT WALL (SOLON AS REQUIRED. OUTLETS TO BE LOCATED SO AS TO BE AS INCONSPICUOUS AS POSSIBLE AT 18" A.F.F.
13. ALL EXIT DOORS SHALL BE READILY OPENED FROM THE SIDE FROM WHICH EGRESS IS TO BE MADE WITHOUT USE OF KEY OR SPECIAL KNOWLEDGE. ALL EXIT DOORS SHALL HAVE ALL HARDWARE NECESSARY TO SATISFY THE REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.
14. THE G.C. SHALL PROVIDE CAULK JOINTS WHERE DPR 833 MEETS THE FLOOR OR ROOF DECK. PACK FLUTES AT DECK.
15. ALL PAINT SHALL BE PROVIDED BY G.C. EXCEPT WHERE OTHERWISE SPECIFIED TO BE BY SUB-CONTRACTOR OR THE OWNER.
16. THE G.C. IS RESPONSIBLE FOR ALL FLOOR AND WALL PENETRATIONS FOR ELECTRICAL AND MECHANICAL WORK. ALL SUCH OPENINGS SHALL BE FRAMED AND REINFORCED.
17. 16. FLOOR SURFACES SHALL BE LEVELED TO ASSURE SMOOTH SURFACE FOR FINISH FLOOR INSTALLATION.
18. G.C. TO COORDINATE ALL UTILITY STUB-UPS AND LOCATION OF ALL EQUIPMENT PRIOR TO INSTALLING ANY ONE ITEM.
19. ALL CEILINGS ARE 10' UNLESS OTHERWISE NOTED.
20. ALL DIMENSIONS ON THIS PLAN ARE TO THE EDGE OF FRAMING.



SECOND FLOOR PLAN

SCALE: 1/4" = 1'

© OLD BARN DESIGN The use of these plans and specifications is restricted to the original site for which they were prepared. Re-use, reproduction or publication by any method in whole or in part is prohibited, unless authorized by Jessica Starr. Ownership of the design, plans and specifications is solely with Jessica Starr.

OLD BARN DESIGN - GRANBURY, TX
Phone: 469-693-1108
Email: jessica@oldbarncompany.com
Website: www.oldbarncompany.com

OLD BARN

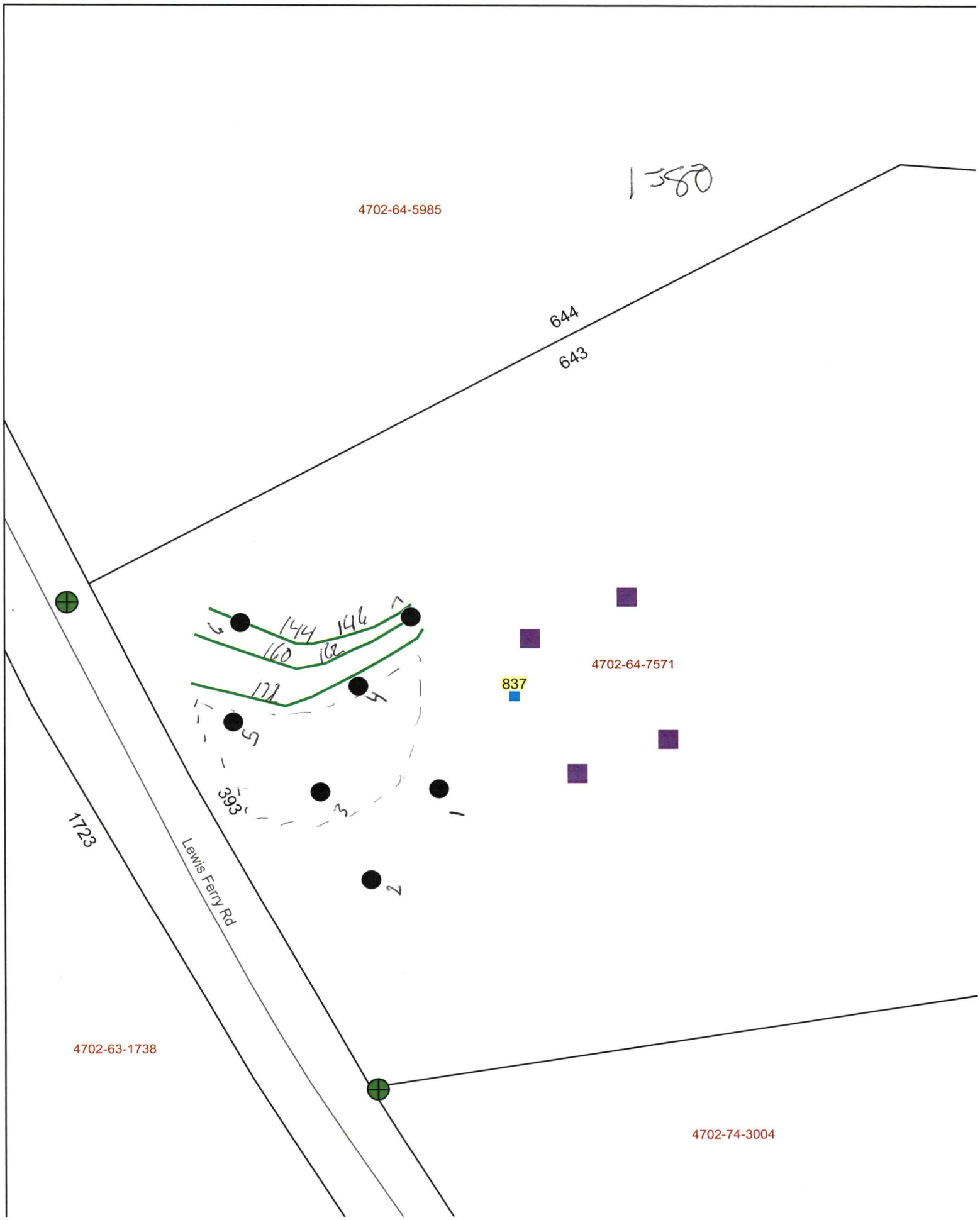
THE DYE HOUSE

857 LEWIS FERRY ROAD
STATESVILLE, NC

FLOOR PLAN

PLAN DATE
10/26/2023

PAGE
A2.3


1380
4702-64-5985
644
643
144
146
160
162
172
7
5
4
3
2
1
393
837
4702-64-7571
1723
Lewis Ferry Rd
4702-63-1738
4702-74-3004