ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BLDR-2023-30686

PERMIT # AP 2023-26314

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

PIN # 4799 -- 08 -- 6284

APPLICANT/OWNER: Kristy Dobbins APPLICANT ADDRESS: 128 Dyson Rd, Harmony 28634

SITE ADDRESS: 141 Fox Hunter Rd, Harmony 28634 PHONE: 704-746-3084 ALT. PHONE -

SITE DIRECTIONS: 901 - Guilford - Fox Hunter SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: - SECTION: - LOT # - LOT AREA: 3.49 acres DESIGN FLOW: 360 gpd L.T.A.R.: 0.3

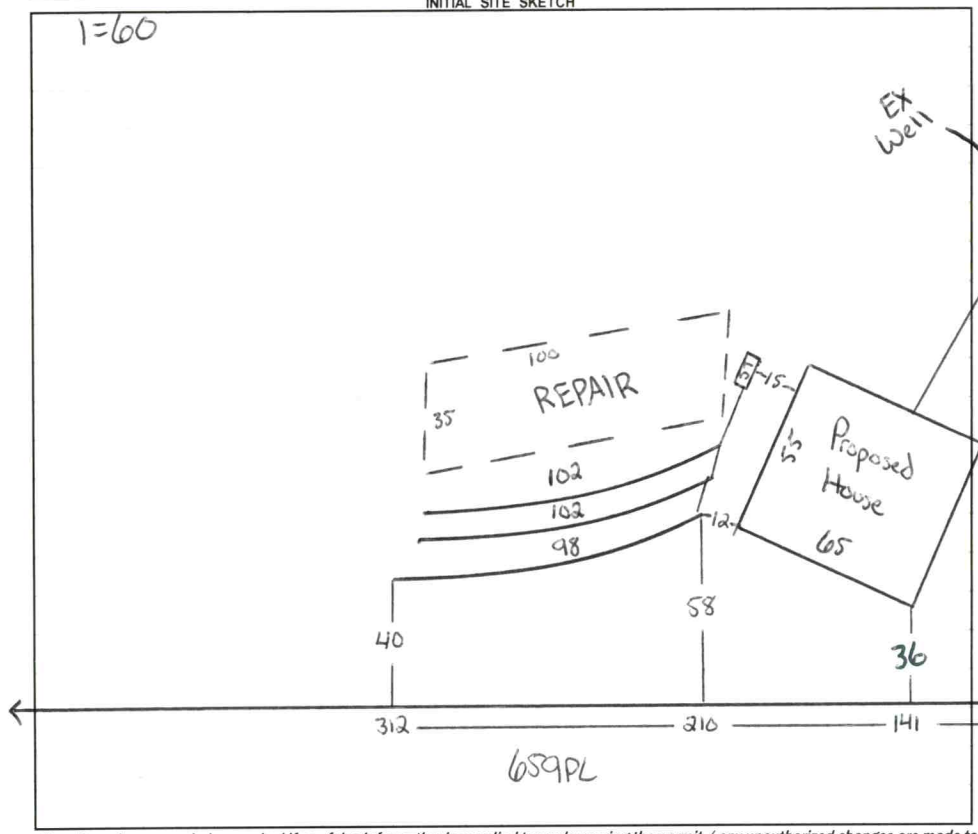
Septic Tank	1000 (gal)	STB	760	Date	7-20-2022	☒ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI	☒ Residence	No. Bedrooms 3
Pump Tank	(gal)	PT		Date		System Description:	25% reduction	☐ Business	No. Persons 6
Pump Make		Model		Serial #		Repair System Description:	25% reduction	☐ Other	No. Employees
# Nitrification Fields	1	# Lines	3	Linear Ft	300'	Maintenance Agreement Required:	☐ YES ☒ NO	☐ Slab	☒ Crawl Space
Trench Width	36"	Trench Bottom Depth ~~(Low side)~~	36" max	Gravel Depth	-	☒ GRAVITY ☐ PRESSURE		☐ Basement w/ plumbing	☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Install on contour with the land. Do not grade, park, or drive on septic area. Utilize Serial distribution. Install on 9' centers

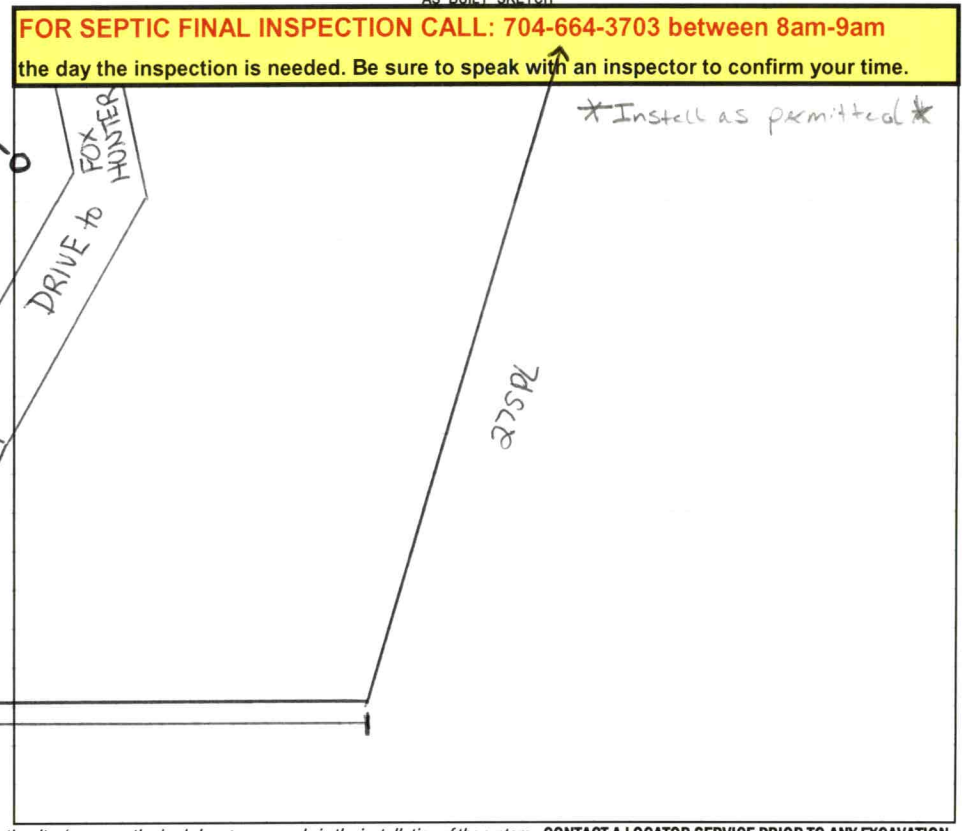
INITIAL SITE SKETCH

1=60



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 Signature Date:

IMPROVEMENT PERMIT by: Cary Hill Date: 7/12/23

AUTHORIZATION TO CONSTRUCT by: Cary Hill Date: 7/12/23

Installed by: Lentz Wastewater

OPERATION PERMIT by: Benjamin A. Barbour Date: 8/31/2023

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? _____	

301
4799-08-6569
1
4799-18-0534
310
659
415
244
4799-18-0311
145
2
4799-08-6284
4789-98-7481
141
249
4799-17-0723
275
4799-07-4849
4799-07-7742
8

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

Sheet 1 of 1
PROPERTY ID #: 4749086284
COUNTY: Iredell

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

OWNER: Kristy Dobbins
APPLICATION DATE 5/25/23
ADDRESS: 128 Dyson Rd
DATE EVALUATED: 7/7/23
PROPOSED FACILITY: 3 bdr home
PROPOSED DESIGN FLOW (.1949): 360 gpd
PROPERTY SIZE: 3.49 acres
LOCATION OF SITE: 141 Fox Hunter
PROPERTY RECORDED: yes
WATER SUPPLY: Private Public X Well Spring Other
EVALUATION METHOD: Auger Boring X Pit Cut
TYPE OF WASTEWATER: X 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	Linear 8%	0 - 10	SCL SBK	SS SP FR SE	–	51	–	–	.3 PS
		10 - 27	C SBK	↓					
		27 - 51	CL SBK	↓					
2	Linear 7%	0 - 26	C SBK	SS SP FR SE	–	48	SAP CL layer	inc in	.3 PS
		26 - 48	CL SBK	↓					
3	Linear 7%	0 - 7	SCL SBK	SS SP FR SE	–	48	SAP CL layer	inc in	.3 PS
		7 - 29	C SBK	↓					
		29 - 48	CL SBK	↓					
4	Linear 6%	0 - 8	SCL SBK	SS SP FR SE	–	48	SAP CL layer	inc in	.3 PS
		8 - 30	C SBK	↓					
		30 - 48	CL SBK	↓					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	25%
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Cory Whicker
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.

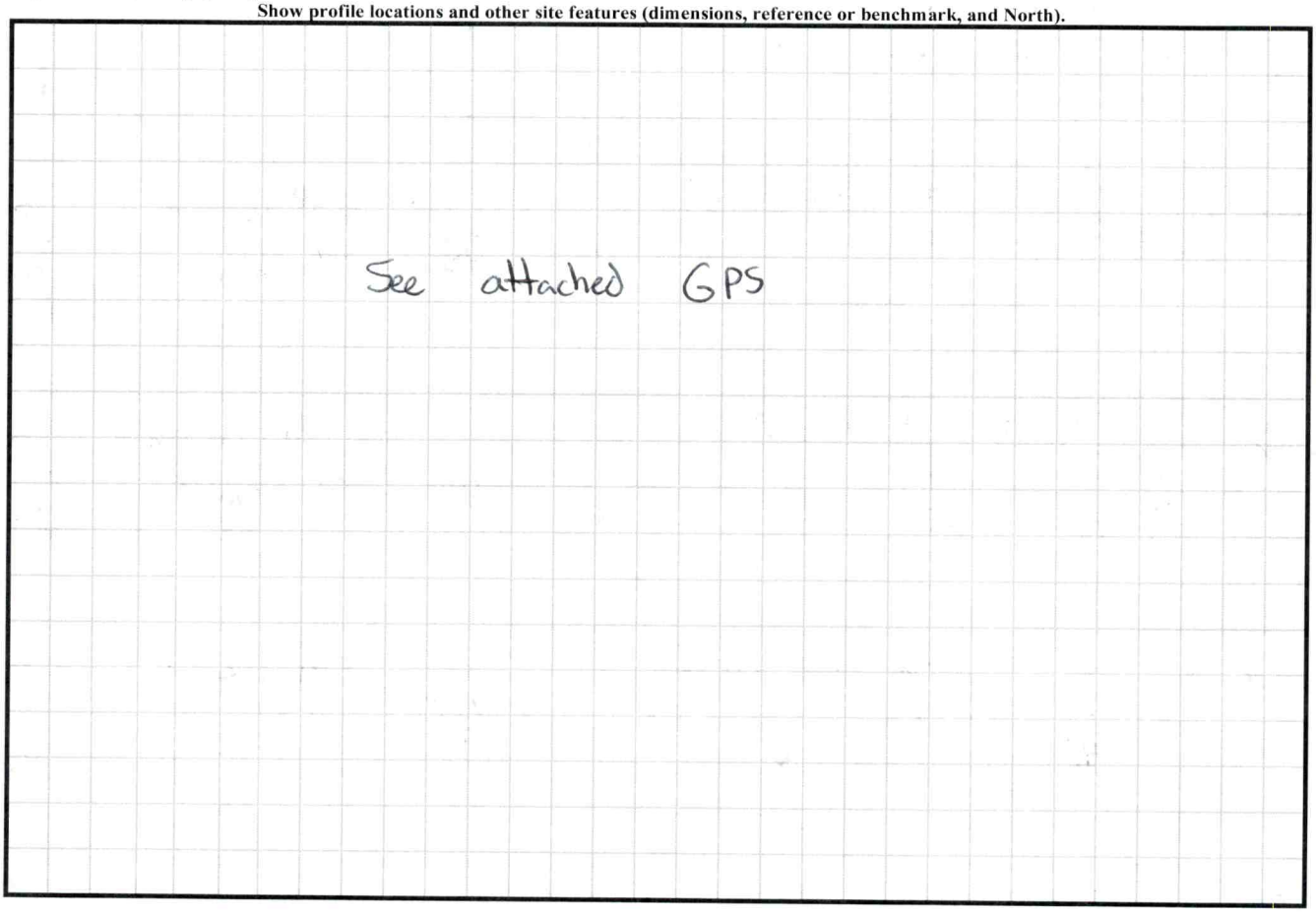
NOTES

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).



PERMIT SNAPSHOT REPORT OSWP-2023-26314 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	05/25/2023
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:**	Whicker, Cory	**Approval Expire Date:**	

Description: PLEASE MAKE SURE YOU PUT IN THE DETAILS THAT YOU ARE APPLYING FOR THE SEPTIC AI AUTHORIZE TO CONSTRUCT. (APPLYING FOR IP / AC)

Parcel: 4799086284.000 Main	**Address:** 141 Fox Hunter Rd Main Harmony, NC 28634	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent	Project Contact
Kristy Dobbins 128 Dyson Rd Harmony, NC 28634	Kristy Dobbins 128 Dyson Rd Harmony, NC 28634	Becky Siemieniec 2715 Wise Ave NW Canton, OH 44708 Business: (704) 746-3084

Permit Custom Fields

How is your site plan being submitted	Survey Plat	Septic Application/Permit Type	Authorization to Construct	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	stick built
What are the proposed structures	New Single Family Residence	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	1	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Water Supply	Existing Well, New Well	Desired Septic System Type	Conventional (most common)
Has this project been approved by TRC	No	Lot Acreage	3.49	Front Setback	35
Back Setback	35	Left Setback	15	Right Setback	15
Zoning Permit Issued Date	May 26 2023 12:00AM	Zoning Permit Expiration Date	Nov 22 2023 12:00AM	Is the structure or development in the floodplain	No
Is the property in a local historic district?	No	Is the property located downtown?	No	Additional Unique Setbacks Apply	No
Watershed	WSIII BOW HUNTING CREEK				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Kristy_Dobbins_5/25/2023.jpg	05/25/2023 11:45	Dobbins, Kristy		Uploaded via CSS
Scan May 25, 2023_v1.pdf	05/25/2023 13:15	Nebel, Barbara	Available Online	Authorize to Act as Agent
Scan May 25, 2023 (1)_v1.pdf	05/25/2023 14:29	Sloan, Chrystal	Available Online	Site Plan

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-107712	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	06/27/2023	06/26/2023 0:00	06/26/2023 0:00	06/27/2023 7:14	06/27/2023 7:14

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	

PERMIT SNAPSHOT REPORT (OSWP-2023-26314)

Note	Created By	Date and Time Created
1. Left message	Sarah Bracken	06/01/2023 9:24
2. 6/23/23	Sydney Holland	06/23/2023 14:28

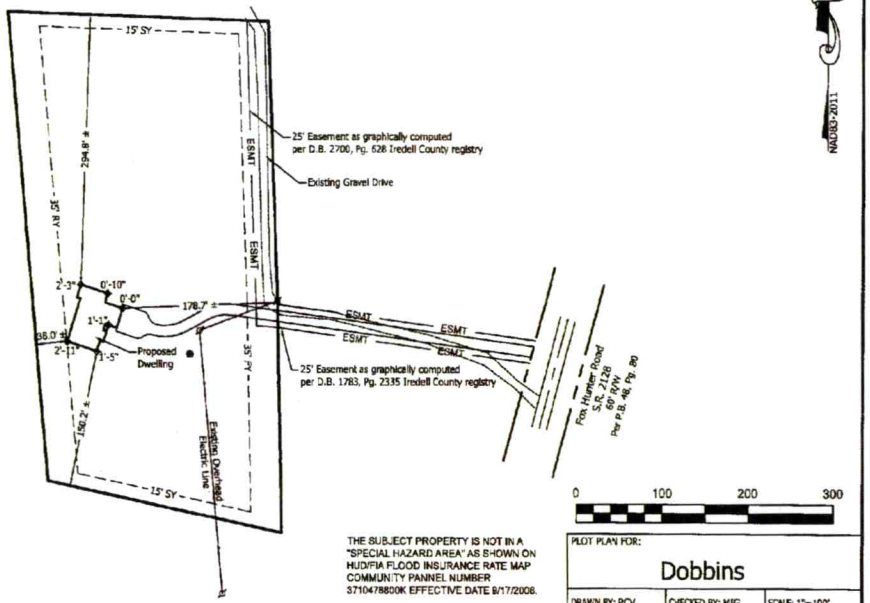
Invoice No.	Fee		Fee Amount	Amount Paid
INV-00014732	New Gravity System		$500.00	$500.00
	Iredell Zoning Tech Fee		$2.25	$2.25
	Iredell Zoning Permit Fee		$75.00	$75.00
		Total for Invoice INV-00014732	$577.25	$577.25
INV-00015350	Site Revisit		$100.00	$100.00
		Total for Invoice INV-00015350	$100.00	$100.00
		Grand Total for Permit	**$677.25**	**$677.25**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		05/25/2023 13:15	05/25/2023 13:17
Confirm application complete v.1	Generic Action		05/25/2023 13:17
Fees v.1		05/25/2023 15:55	05/30/2023 7:53
Issue Invoice v.1	Generic Action		05/25/2023 15:55
Fees Paid v.1	Generic Action		05/30/2023 7:53
Zoning Review v.1		05/25/2023 13:15	05/30/2023 9:48
~~Floodplain Admin Overview v.1~~	Task		05/25/2023 15:13
Iredell County Zoning Approval v.1	Task	05/25/2023 13:15	05/30/2023 9:48
Issue Invoice v.1	Generic Action		05/30/2023 9:48
Fees Paid v.1	Generic Action		05/30/2023 9:48
Lot Readiness Verification v.1		06/27/2023 7:14	
OSWP Septic Preliminary Site Visit v.1	Inspection	06/27/2023 7:14	06/27/2023 7:15
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		

PRELIMINARY FOR REVIEW ONLY

* NOT AN ACTUAL SURVEY *

THIS PLOT PLAN WAS DRAWN FROM EXISTING PLATS AND/OR DEEDS AND A FULL SURVEY WAS NOT PERFORMED AT THIS TIME. ACREAGES AND DISTANCES ARE SUBJECT TO AN ACTUAL SURVEY. A FULL TITLE SEARCH HAS NOT BEEN PERFORMED.



NAD83-2011

APPROXIMATE STRUCTURAL/IMPERVIOUS COVERAGE:

APPROXIMATE PROPERTY AREA: 152,193 SF, 3.494 AC
PROPOSED DWELLING AREA: 2,671 SF, 0.061 AC
PROPOSED DRIVE AREA: 6,456 SF, 0.148 AC
APPROXIMATE STRUCTURAL COVERAGE: 2,671 SF, 0.061 AC, 1.76%
APPROXIMATE IMPERVIOUS COVERAGE: 9,127 SF, 0.209 AC, 6.00%

SETBACKS:

SUBJECT PROPERTY CURRENTLY ZONED: RA (ETJ: IREDELL COUNTY)

PROPERTY SUBJECT TO A 35' FRONT YARD (FY), 15' SIDE YARD (SY), & 35' REAR YARD (RY) AS RECORDED IN IREDELL COUNTY ZONING ORDINANCE.

REFERENCE:

BEING ALL OF THE LOT DESCRIBED IN D.B. 1783, PG. 2335 - IREDELL COUNTY REGISTRY.

PROPERTY SUBJECT TO EASEMENTS DESCRIBED IN D.B 1783, PG. 2335 & D.B. 2700, PG. 628

PROPERTY IS SUBJECT TO ANY AND ALL ZONING AND PLANNING ORDINANCES, EASEMENTS, RIGHTS-OF-WAY, AND RESTRICTIONS OF RECORD.

LEGEND	
FY	FRONT YARD SETBACK
RY	REAR YARD SETBACK
SY	SIDE YARD SETBACK
R/W	RIGHT OF WAY
P.B.	PLAT BOOK
PG.	PAGE

THE SUBJECT PROPERTY IS NOT IN A "SPECIAL HAZARD AREA" AS SHOWN ON HUD/FIA FLOOD INSURANCE RATE MAP COMMUNITY PANNEL NUMBER 3710478800K EFFECTIVE DATE 8/17/2006.

JORDAN GRANT

ENGINEERING • SURVEYING • PLANNING
JORDAN GRANT & ASSOCIATES, PLLC
2117 SIMONTON RD, SUITE #202
STATESVILLE, NC 28625
MATT.GRANT@JORDAN-GRANT.COM
704-928-7919
FIRM # P-1227

PLOT PLAN FOR:

Dobbins

DRAWN BY: RCV	CHECKED BY: MJG	SCALE: 1"=100'
PIN NO: 4799-09-6284		
DEED REF: 1783-2335		
DATE OF MAP: 03-09-23	SURVEY DATE: 03-07-23	
REVISION: 04-11-23	DRAWING FILE: 20230206_04-11-23	

Fox Hunter Rd, Harmony, NC 28634
Turnersburg TWSP - Iredell County - North Carolina