SH

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # OSWP-2023-13078

PIN # 4768- 08- 4251

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

APPLICANT / OWNER: Joshua Fussell

APPLICANT ADDRESS: 2080 Turnersburg Hwy, Statesville, NC 28625

SITE ADDRESS: 2080 TURNERSBURG HWY, STATESVILLE, NC 28625

PHONE:

ALT. PHONE:

SITE DIRECTIONS: N I77 -> exit 54 -> N 21 -> lot on R before Northgate Trail

SAP CONTROLLED: YES ☐ NO ☑

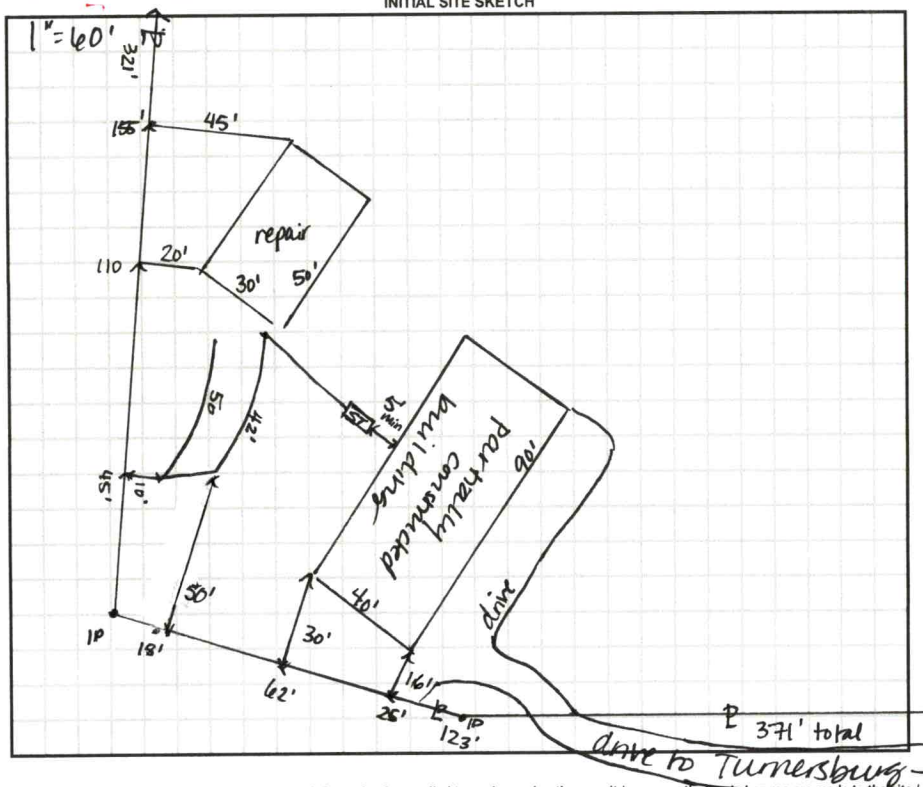
SUBDIVISION: N/A

SECTION: N/A LOT #: N/A LOT AREA: 3.745 DESIGN FLOW: 100 L.T.A.R.: 0.275

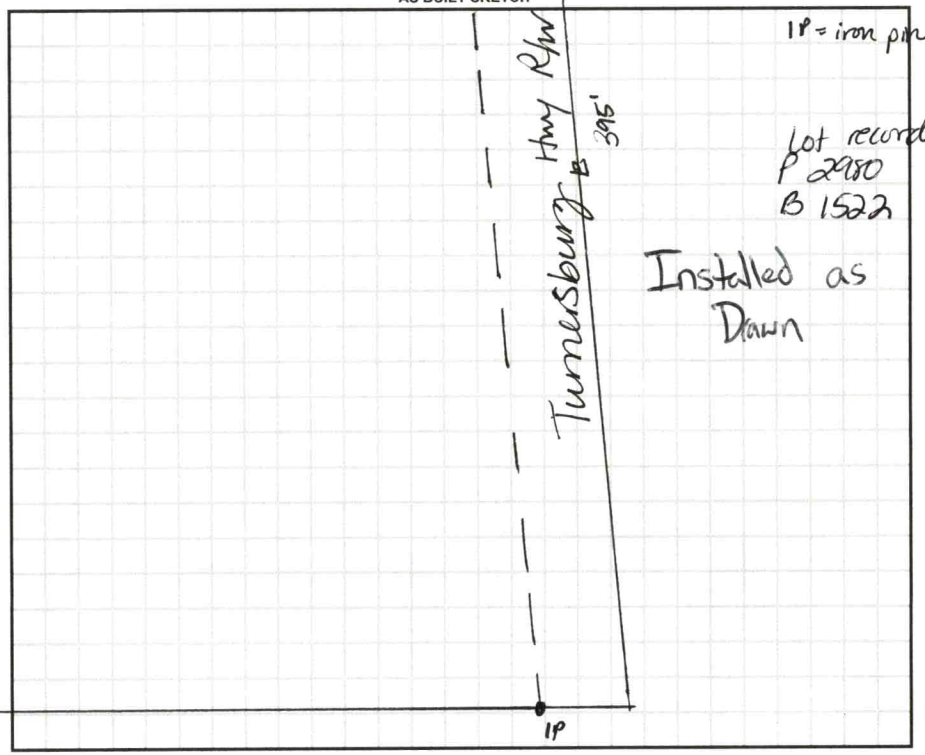
Septic Tank: 1000 (gal)	STB: 760	Date: 5/30/23	☑ New System ☐ Repair ☐ Expansion	System Type: III	☐ Residence	No. Bedrooms: 0	Water Supply: Other Public Water
Pump Tank: (gal)	PT:	Date:	System Description: 25% Reduction		☐ Business	No. Persons: 0	
Pump Make:	Model:	Serial #:	Repair System Description: 25% Reduction		☑ Other Barn/Shop	No. Employees:	
# Nitrification Fields: 1	# Lines: 2	Linear Ft.: 92'	Maintenance Agreement Required: ☐ YES ☑ NO		☑ Slab	☐ Crawl Space	
Trench Width: 36	Trench Bottom Depth (Low side): 26		Gravel Depth: 0	☑ GRAVITY ☐ PRESSURE	☐ Basement w/ Plumbing	☐ Basement w/o Plumbing	

Comments / Conditions: Do not pave, grade, drive, park, or bury utilities in drainfield. Install on contour. Do not exceed 36" max depth. Divert drainage from drainfield

INITIAL SITE SKETCH



AS BUILT SKETCH



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: Date:

Installed By: Lentz Wastewater

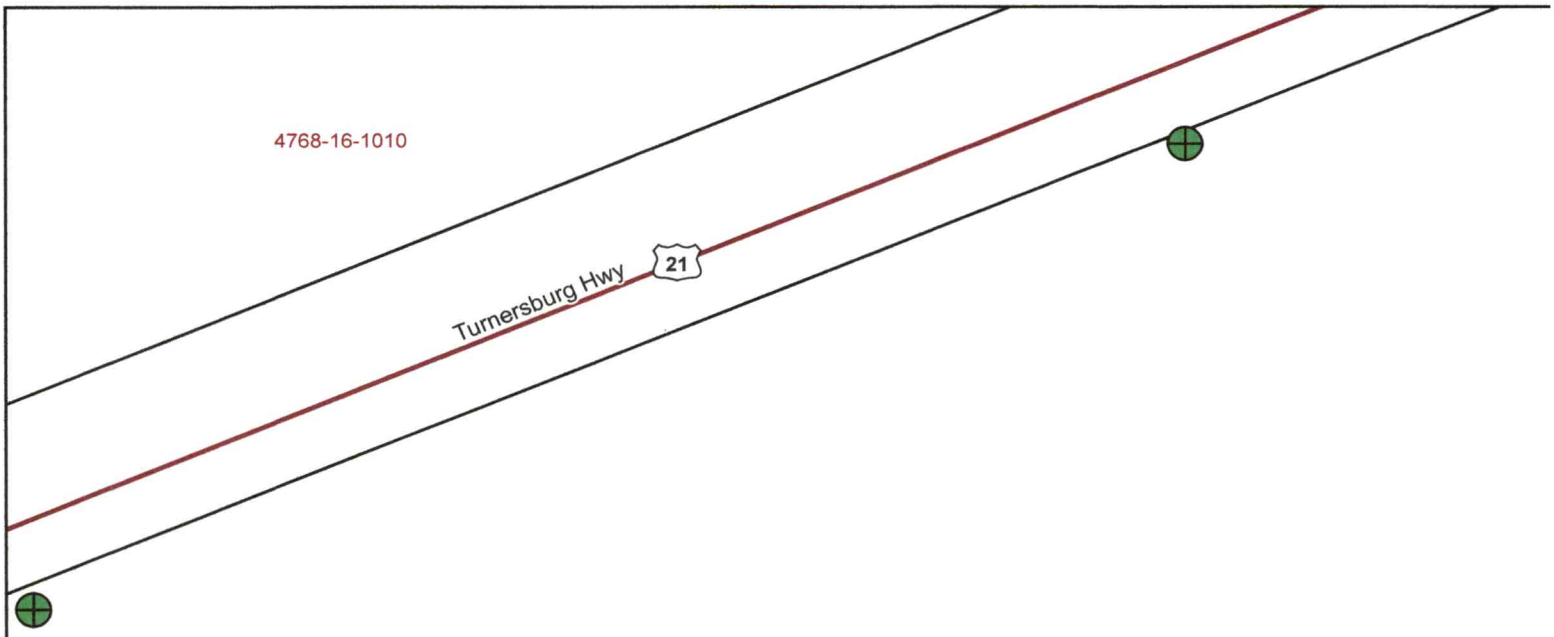
IMPROVEMENT PERMIT by: D. meberg Date: 3/3/23

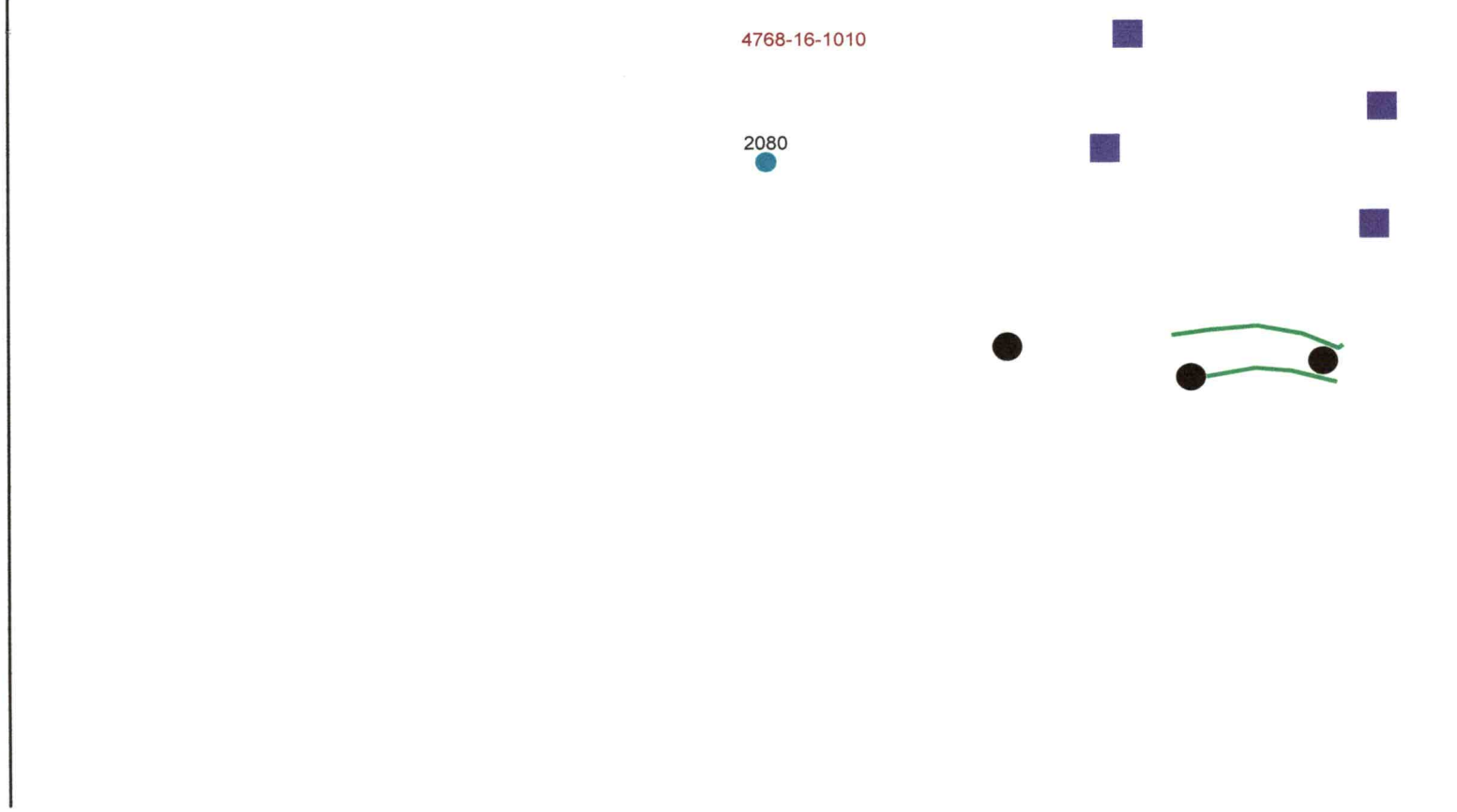
OPERATION PERMIT by: Date: 7/19/23

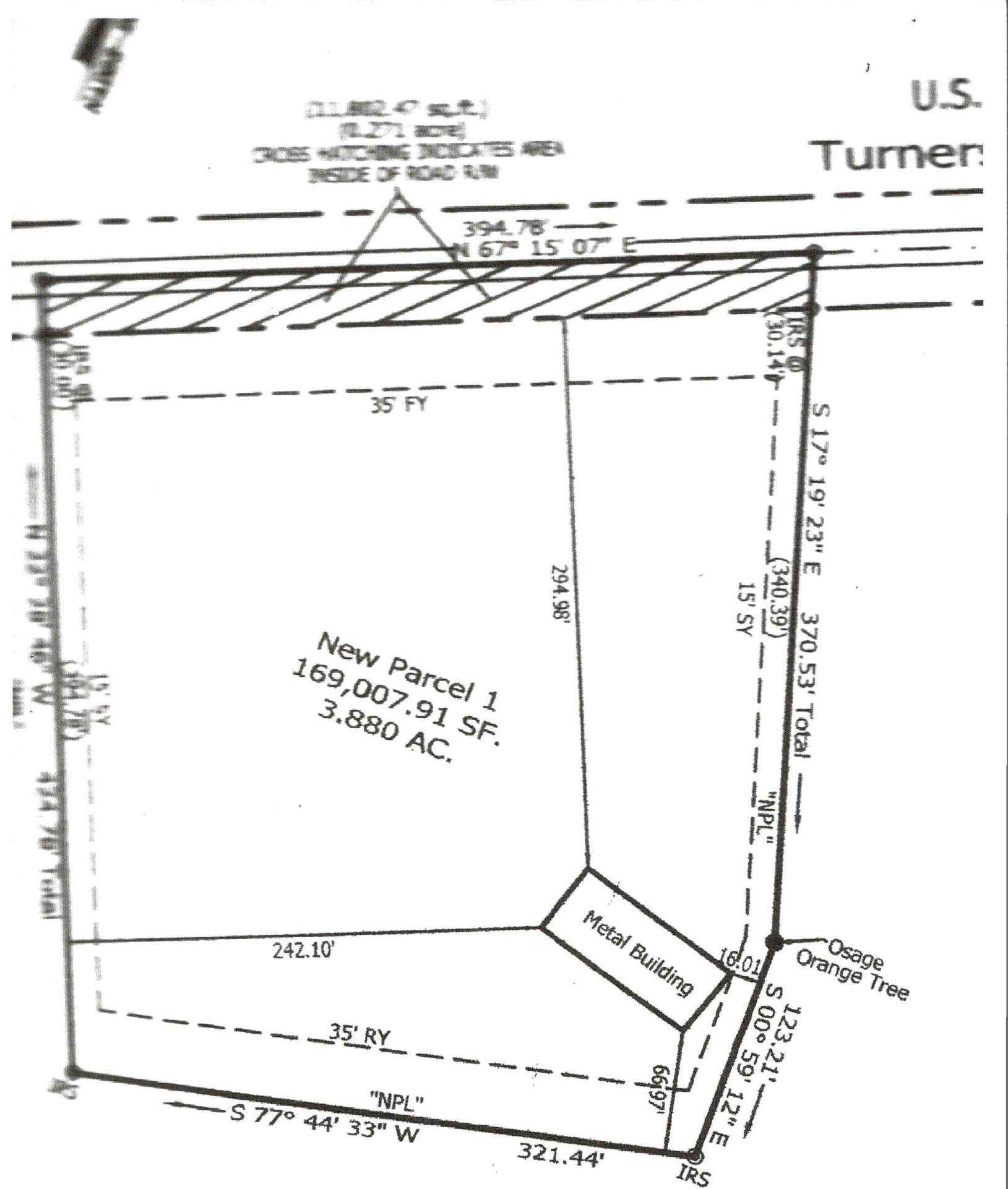
AUTHORIZATION TO CONSTRUCT by: D. meberg Date: 3/20/23

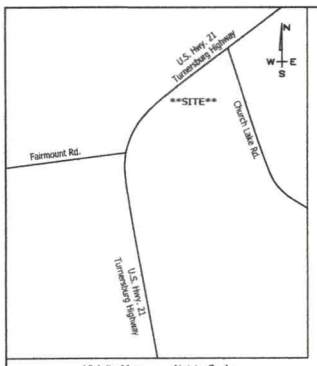
Existing System Inspected By: Date:

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


4768-16-1010
Turnersburg Hwy
21


4768-16-1010
2080


U.S.
Turner
394.78'
N 67° 15' 07" E
IRS
(30.14')
35' FY
S 17° 19' 23" E 370.53' Total
(340.39')
15' SY
"NPL"
294.98'
New Parcel 1
169,007.91 SF.
3.880 AC.
Metal Building
242.10'
16.01'
Osage
Orange Tree
35' RY
66.97'
S 00° 59' 12" E
123.21'
"NPL"
S 77° 44' 33" W
321.44'
IRS



Vicinity Map - Not to Scale

I, MATTHEW I. GRANT, CERTIFY THAT THIS PLAT WAS PREPARED UNDER MY SUPERVISION FROM AN ACTUAL FIELD SURVEY OF DESCRIPTION(S) AS RECORDED IN DEED BOOK 1309, PAGE 1255; THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS SUCH AND WERE PLOTTED FROM INFORMATION AS REFERENCED HEREON; THAT THE RATIO OF PRECISION AS CALCULATED WAS 1:10,000 AND THAT THE GLOBAL NAVIGATION SATELLITE SYSTEM (GNSS) WAS USED TO PERFORM A PORTION OF THIS SURVEY AND THE FOLLOWING INFORMATION WAS USED:
CLASS OF SURVEY: CLASS A
POSITIONAL ACCURACY: 0.01'
TYPE OF GPS FIELD PROCEDURE: RTK
DATES OF SURVEY: 12-21-22
DATUM/EPOCH: NAD83(2011)
PUBLISHED/FIXED-CONTROL USE: VRS
GEOID MODEL: 2012B
COMBINED GRID FACTOR: 0.99986987
UNITS: US SURVEY FEET
I FURTHER CERTIFY THIS IS A SURVEY OF AN EXISTING PARCEL OR PARCELS OF LAND OR ONE OR MORE EXISTING EASEMENTS AND DOES NOT CREATE A NEW STREET OR CHANGE AN EXISTING STREET.
THAT THIS PLAT MEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.1600) AND THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 47-30 AS AMENDED. WITNESS MY HAND AND SEAL THIS 27TH DAY OF FEBRUARY, 2023.

PROFESSIONAL LAND SURVEYOR L-5208
MATTHEW I. GRANT

NORTH CAROLINA PROFESSIONAL SEAL L-5208 LAND SURVEYOR MATTHEW I. GRANT

ZONING:

PROPERTY IS ZONED: RA - IREDELL COUNTY ZONING JURISDICTION.

PROPERTY IS SUBJECT TO A 35' FRONT YARD (FY), 35' REAR YARD (RY), & 15' SIDE YARD (SY) - MINIMUM BUILDING SETBACK LINE PER IREDELL COUNTY ZONING ORDINANCE.

NOTES:

PROPERTY SUBJECT TO ANY FACTS THAT MAY BE DISCLOSED BY A FULL AND ACCURATE TITLE SEARCH.

PROPERTY SUBJECT TO EASEMENTS AND RIGHTS OF WAY OF RECORD AND THOSE NOT OF RECORD, IF ANY EXIST.

AREA BY COORDINATE COMPUTATION.

PROPERTY MAY BE SUBJECT TO GOVERNMENTAL ORDINANCES, ZONING AND OTHER REGULATIONS CONCERNING THE DIVISION AND DEVELOPMENT OF REAL ESTATE.

NO SUBTERRANEAN SURVEY PERFORMED AT THIS SITE.

THE SUBJECT PROPERTY IS NOT IN A "SPECIAL HAZARD AREA" AS SHOWN ON HUD/FIA FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 3710476800J EFFECTIVE DATE 03-18-2008.

	Total Area	Area Inside Road R/W	Area Outside Road R/W
New Parcel 1	169,007.91 sq.ft. 3.880 acres	(11,802.47 sq.ft.) (0.271 acre)	(157,205.44 sq.ft.) (3.609 acres)

0 100 200 300

LEGEND:

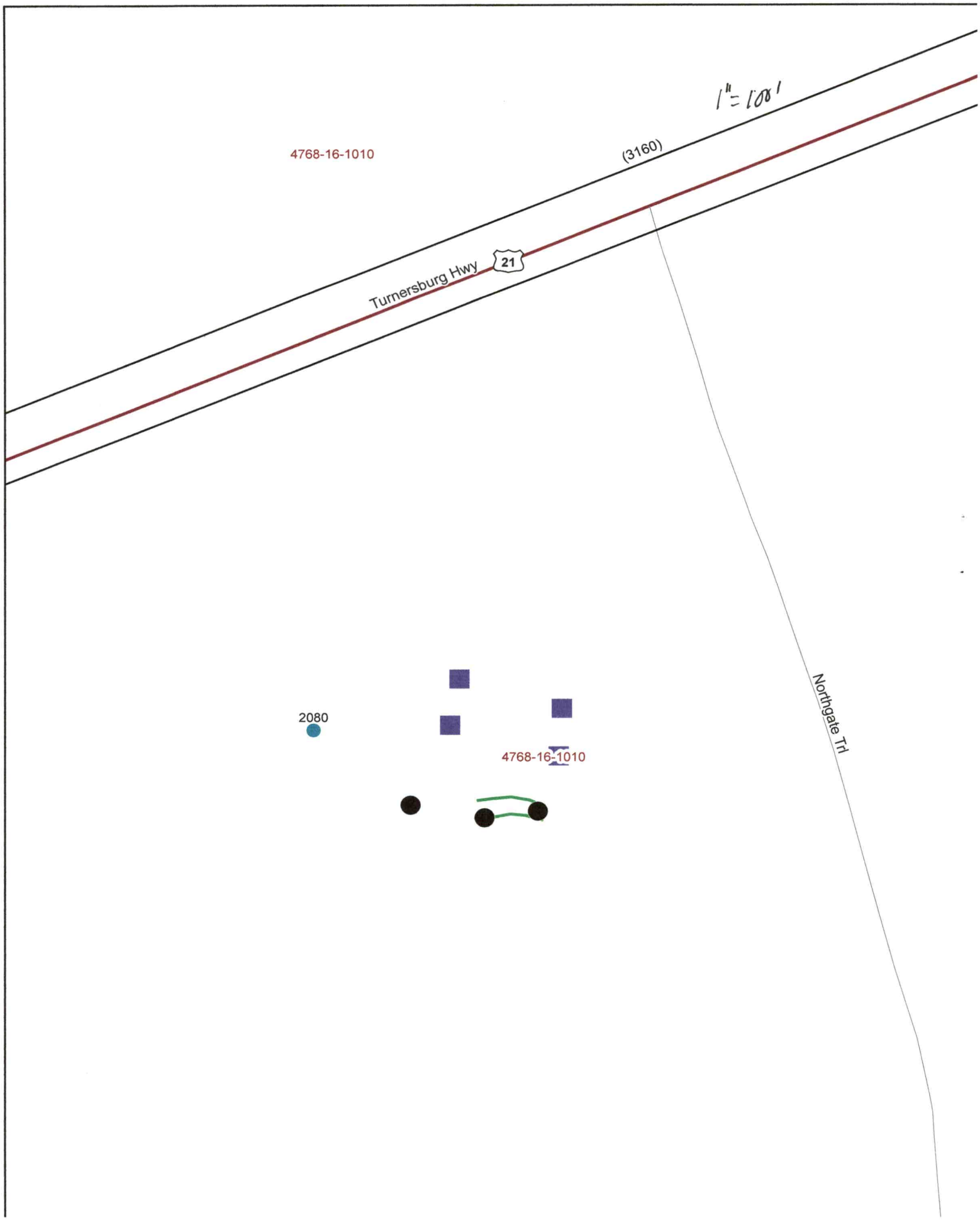
- ECM - EXISTING CONCRETE MARKER
- IPF - IRON PIPE FOUND
- IRF - IRON REBAR FOUND
- IRS - IRON REBAR SET
- NTS - NOT TO SCALE
- R/W - RIGHT OF WAY
- WM - WATER METER
- WELL
- PP - POWER POLE
- COMPUTED POINT
- "NPL" - NEW PROPERTY LINE

JORDAN GRANT
ENGINEERING • SURVEYING • PLANNING
JORDAN GRANT & ASSOCIATES, PLLC
P.O. BOX 151 * STATESVILLE, NC 28687
Matt.Grant@jordan-grant.com (704) 928-7919
FIRM # P-1227

Survey For: *Ann Kincaid*

DRAWN BY: SMS	CHECKED BY: WMJ
SCALE: 1"=100'	
DEED REF: 1309-1255	PIN NO: 4768161010
DATE OF MAP: 01-25-23	SURVEY DATE: 12-21-22
REVISION: 02-27-23	DRAWING FILE: 20221061-BDY3

TURNERSBURG HIGHWAY - STATESVILLE, N.C. 28625
OLIN TOWNSHIP --- IREDELL COUNTY --- NORTH CAROLINA


1" = 108'
4768-16-1010
(3160)
Turnersburg Hwy
21
Northgate Trl
2080
4768-16-1010

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

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

OWNER: Allison Family/Ann Kincaid
ADDRESS:
APPLICATION DATE: 1/8/23
DATE EVALUATED: 2/15/23
PROPOSED FACILITY: Barn w/ Bath
PROPOSED DESIGN FLOW (.1949): 100 gpd
PROPERTY SIZE:
LOCATION OF SITE: 2080 Turnersburg Hwy, Statesville
PROPERTY RECORDED: N
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	FS (by bldg) 2%	0-6	SCL-SBK	SSSP-FR-SEXP	Minor	50"	N/A	N/A	PS 0.275
		6-38	C-SBK/ABK	SP-FR-SEXP					
		38-50	CL-WSBK	SSSP-FR-SEXP					
2	FS 18	0-8	SCL-WSBK	SSSP-FR-SEXP	Sap incl throughout WR	54" Scattered throughout	N/A	N/A	PS 0.3
		8-46	C-SBK	SP-FR-SEXP					
		46-54	CL-WSBK	SSSP-FR-SEXP					
3	FS 10%	0-8	SCL-WSBK	SSSP-FR-SEXP	Minor YB 7.5YR 6/3	in C @ 41"+	N/A	N/A	PS 0.25
		8-39	C-SBK	SP-FR SEXP					
		39-50	CL-SBK	SSSP-FR SEXP					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	90	100
System Type(s)	25%	
Site LTAR	0.275	0.25

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: D Wiebers
OTHER(S) PRESENT: J Fussell, A. Kincaid

COMMENTS:

Updated February 2014

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.

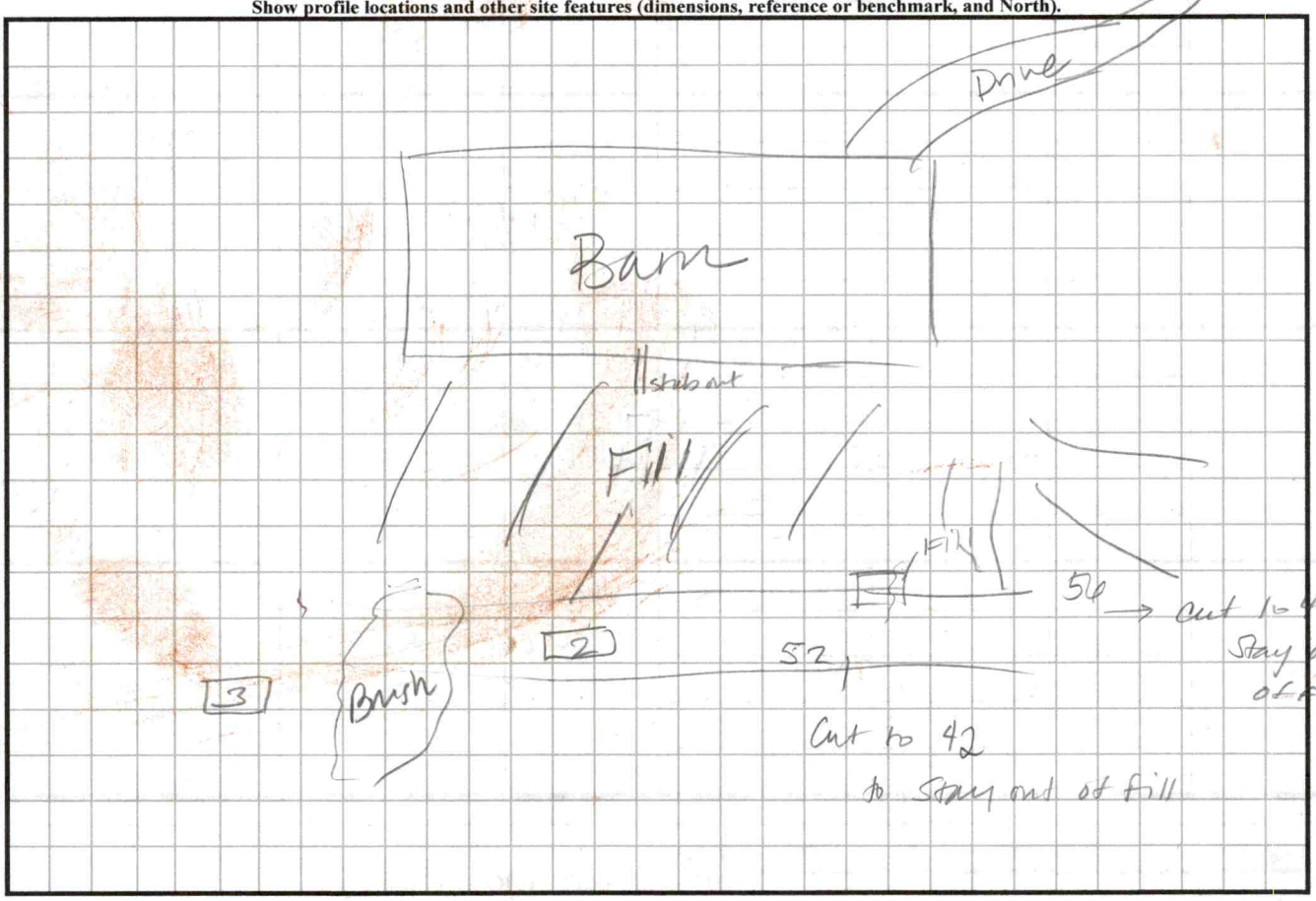
NOTES

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-2023-13078 FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Project:
App Date: 01/08/2023

Work Class: EH Septic Improvement Permit
District: Iredell County
Exp Date: NOT AVAILABLE

Status: In Progress
Square Feet: 0.00
Completed: NOT COMPLETED

Valuation: $0.00
Assigned To: Wieberg, Danielle
Approval Expire Date:

Description: stated existing barn when she came in to pay. Need to install a new septic system for adding a barn with a bathroom in the same.

Parcel: 4768161010.000 Main	**Address:** 2080 Turnersburg Hwy Statesville, NC 28625 Main	**Zone:** RA(Residential Agricultural District)

Applicant/Authorized Agent
Joshua Fussell
2080 Turnersburg Hwy
Statesville, NC 28625

Property Owner
Ann Kincaid
Home: (704) 682-2141

Joshua
704-902-6676

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	40x80	What are the proposed structures	Accessory Building
If other Addition/Structure, please explain		Maximum Number of Bedrooms	0	Number of Occupants	0
Foundation Type	Concrete Slab Foundation	Water Supply	Other Public Water	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Zoning Notes/Addendums	No zoning permit required. This is a farm building on a bone fide farm (verified as tax deferred in GIS)-RH 1-26-23	Additional Unique Setbacks Apply	No

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Joshua_Fussell_1/8/2023.jpg	01/08/2023 17:43	Fussell, Joshua		Uploaded via CSS
Setbacks_v2.pdf	01/10/2023 11:09	COMEAUX, DEBRA	Available Online	Site Plan
2080 TURNERSBURG HWY BUILDING FLOOR PLANS SHOWING BATHROOM.pdf	01/11/2023 8:29	COMEAUX, DEBRA	Available Online	BUILDING FLOOR PLANS SHOWING BATHROOM
AMENDMENT AND RESTATEMENT OF PARTNERSHIP AGREEMENT.pdf	01/11/2023 8:35	COMEAUX, DEBRA	Available Online	AMENDMENT AND RESTATEMENT OF PARTNERSHIP AGREEMENT
2080 TURNERSBURG HWY AUTHORIZE AN OWNER.pdf	01/11/2023 16:49	COMEAUX, DEBRA	Available Online	AA

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-57501	Re-inspection required	OSWP Septic/Well Preliminary Site Visit	01/31/2023			01/31/2023 16:47	01/31/2023 16:47

Inspectors: Kobuck, Teanna (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
2023-59319	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	02/06/2023			02/06/2023 8:15	02/06/2023 8:15

Inspectors: Kobuck, Teanna (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-2023-13078)

Invoice No.	Fee		Fee Amount	Amount Paid
INV-00008182	New Gravity System		$500.00	$500.00
		Total for Invoice INV-00008182	$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		01/19/2023 8:20	01/19/2023 8:20
Confirm application complete v.1	Generic Action		01/19/2023 8:20
Zoning Review v.1		01/26/2023 11:38	01/26/2023 11:38
Iredell County Zoning Approval v.1	Task	01/26/2023 11:38	01/26/2023 11:38
~~Issue Invoice v.1~~	Generic Action		01/26/2023 11:37
~~Fees Paid v.1~~	Generic Action		01/26/2023 11:38
Fees v.1		01/26/2023 12:02	01/26/2023 12:02
Issue Invoice v.1	Generic Action		01/26/2023 12:02
Fees Paid v.1	Generic Action		01/26/2023 12:02
Lot Readiness Verification v.1		01/31/2023 16:46	
OSWP Septic Preliminary Site Visit v.1	Inspection	01/31/2023 16:46	01/31/2023 16:48
OSWP Septic Preliminary Site Visit v.2	Inspection	02/07/2023 8:15	02/07/2023 8:15
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		

Setbacks



Tax Map Information

• PIN	4768161010.000
• Address	LOWER LAKE LOOP
• Account #	Acct 80068610
• Tax Owner	ALLISON WOODS FAMILY LIMITED
• Mailing Address	1122 DOGWOOD RD
•	STATESVILLE, NC 28677
• GIS Owner	ALLISON WOODS FAMILY LTDP
• Deed Info	1309 / 1255 - CD - 20200116
• Tax Acres	767.14 AC
• Lot #	
• Description	ALLISON US21
• Zoning	RA
• Old Parcel #	0813B00000A004
• Bldg Value	$34,490
• OBXF Value	$24,530
• Land Value	$3,338,590
• Total Value	$3,397,610
• Defer Value	$3,027,640
• 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.

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