ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # ~~AP~~ OSUP 2022-2863

PIN # 4713 -- 27 -- 7006

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

APPLICANT/OWNER: William B Self

APPLICANT ADDRESS: 504 Alexander St. 224 Harrill St. APT 4 Statesville NC 28677

SITE ADDRESS: 1597 Old Mountain Rd. Statesville NC 28677

PHONE: 704 903 3202

ALT. PHONE

SITE DIRECTIONS: I-40 to Old Mountain Rd. - Site on the RIGHT

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: —

SECTION: — LOT # 2 LOT AREA: 0.687 acres

DESIGN FLOW: 360 L.T.A.R.: 0.30

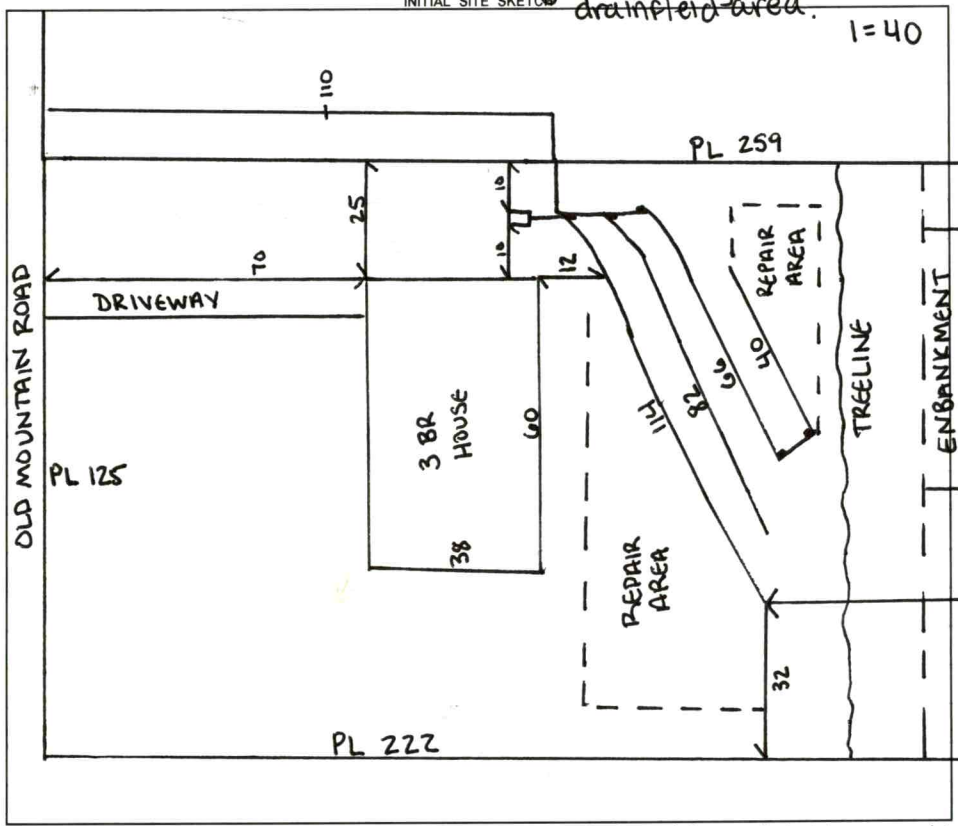
Septic Tank	1000 (gal)	STB	760	Date	11/5/22	☒ New System	☐ Repair	☐ Expansion	System Type: I II ☒ III IV V VI
Pump Tank	— (gal)	PT	—	Date	—	System Description:	Gravity 25% Reduction		
Pump Make	—	Model	—	Serial #	—	Repair System Description:	50% Reduction		
# Nitrification Fields	1	# Lines	4	Linear Ft	300	Maintenance Agreement Required:	☐ YES	☒ NO	
Trench Width	36 in	Trench Bottom Depth(~~Low side~~)	MAX 36 in	Gravel Depth	—		☒ GRAVITY	☐ PRESSURE	

☒ Residence No. Bedrooms 3
☐ Business No. Persons 6
☐ Other No. Employees
☐ Slab ☒ Crawl Space
☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply
☐ Private
☒ Public
☐ Community

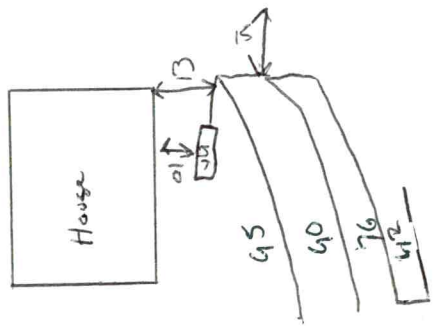
Comments / Conditions: Install Septic drainlines following the Contour of the land and utilize serial distribution. Do not exceed max depth of 36 inches. Do not drive, park, pave, grade, or bury utilities in ~~drainfield~~ area.

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.



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 Excavating

IMPROVEMENT PERMIT by: Sarah Bracken / Bryant Bracken Date: 9/23/22

OPERATION PERMIT by: Date: 12/30/22

AUTHORIZATION TO CONSTRUCT by: Sarah Bracken / Bryant Bracken Date: 9/23/22

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? _____	

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

Sheet 1 of 1
PROPERTY ID #: 4713 27 7006
COUNTY: Iredell

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

OWNER: D. Trathen
ADDRESS: 232 Duncan Ave SW C.
PROPOSED FACILITY: 3BL
PROPOSED DESIGN FLOW (.1949): 360 gal.
LOCATION OF SITE: 1597 Old Union Rd.
APPLICATION DATE 8/22/22
DATE EVALUATED: 8/24/22
PROPERTY SIZE: .8
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	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	Side Slope 5-10%	0-8	c BR-C-A BK	SS SP FR	2.5YR 4/6	63	—	~~NA~~	PS. 0.30
		8-39	C c ABK	SS SP FR					
		39-63	CC WSBK	SBS SP FR.					
2	Shoulder 5-10%	0-7	SC SBK	SS SP FR		57	S3 heavy litho sap incl	—	PS 0.30
		7-39	C WABK	SS SP FR					
		39-57	CL SBK	SS SP FR					
3	Shoulder 5-10%	0-9	SC SBK	SS SP FR		54	46 Litho models	—	PS 0.30
		9-34	C SBK	SS SP FR					
		34-54	CL SBK	SS SP FR					
4	~~Slight~~ ~~Slope~~ Shoulder 5-10%	0-9	SC SBK	SS SP FR		58	—	—	PS 0.30
		9-38	C SBK	SS SP FR					
		38-58	CL SBK	SS SP FR					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	300	200
System Type(s)	25%	50%
Site LTAR	.30	.30

OTHER FACTORS (.1946): NA
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Bottoms / Bracken
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) CV (Convex Slope) D (Drainage Way)	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)
DS (Debris Slump) FP (Flood Plain) FS (Foot Slope)	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	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.

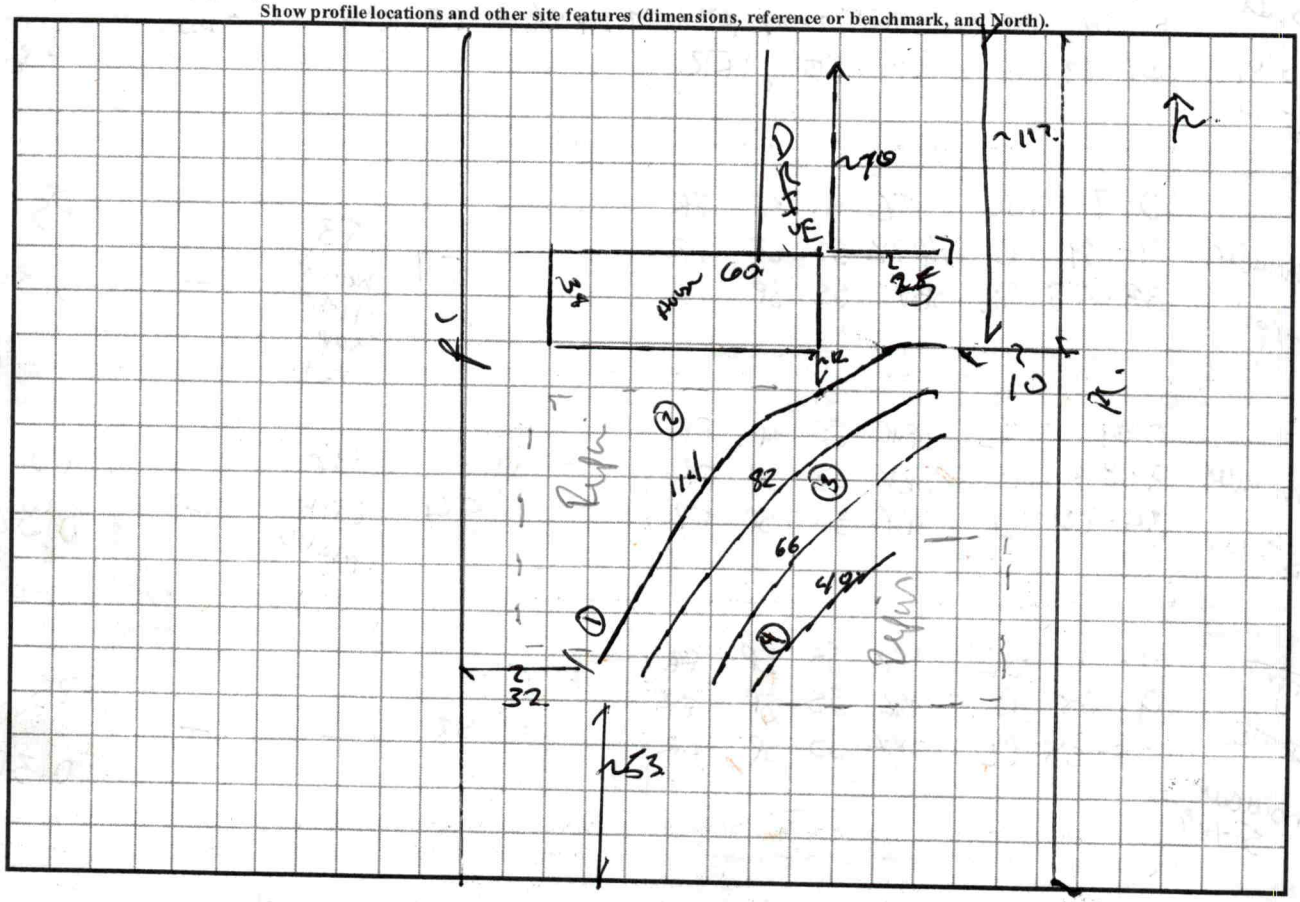
NOTES

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/ft^2

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



PERMIT SNAPSHOT REPORT OSWP-2022-2863 FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Work Class: EH Septic Improvement Permit
Status: In Progress
Valuation: $0.00
Project:
District: Iredell County
Square Feet: 0.00
Assigned To: Botkins, Ben
App Date: 08/29/2022
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Description: new construction septic NEEDS IP/AC - Would like to schedule pits for 1597 and 1605 Old Mountain Rd. lots at the SAME time

Parcel: 4713276[illegible].000 Main
7006
Address: 1597 Old Mountain Rd Statesville, NC 28677 Main
Zone: RA(Residential Agricultural District)

Property Owner
DANIEL W TROUTMAN
232 DAVIE AVE
STATESVILLE, NC 28677

Applicant/Authorized Agent
WILLIAM B SELF
504 Alexander Street 224
HARRILL ST. APT 4
Statesville, NC 28677
Business: (704) 903-3202

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	60' x 38'	What are the proposed structures	New Single Family Residence
If other Addition/Structure, please explain		Maximum Number of Bedrooms	3	Number of Occupants	3
Foundation Type	Crawl Space Foundation	Water Supply	Other Public Water	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Has this project been approved by TRC	No	Lot Acreage	0.86
Front Setback	35	Back Setback	35	Left Setback	15
Right Setback	15	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	WSIV PA CATAWBA/LAKE NORMAN

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_WILLIAM_SELF_8/29/2022.jpg	08/29/2022 13:14	self, william		Uploaded via CSS
survry old mtn_v1.pdf	08/29/2022 13:30	Hart, Ronda	Available Online	Additional Supporting Information
1597old mtn.1_v1.pdf	08/29/2022 13:31	Hart, Ronda	Available Online	Authorize to Act as Agent
1597 old mtn.2_v1.pdf	08/29/2022 13:31	Hart, Ronda	Available Online	Site Plan
old mtn address_v1.pdf	08/29/2022 13:32	Hart, Ronda	Available Online	Additional Supporting Information
1597 OLD MOUNTAIN RD DISCLAIMER.pdf	09/07/2022 9:24	Horton, Amanda		

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2022-15439	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	09/14/2022			09/13/2022 8:27	09/13/2022 8:27

Inspectors: Kobuck, Teanna (Primary)

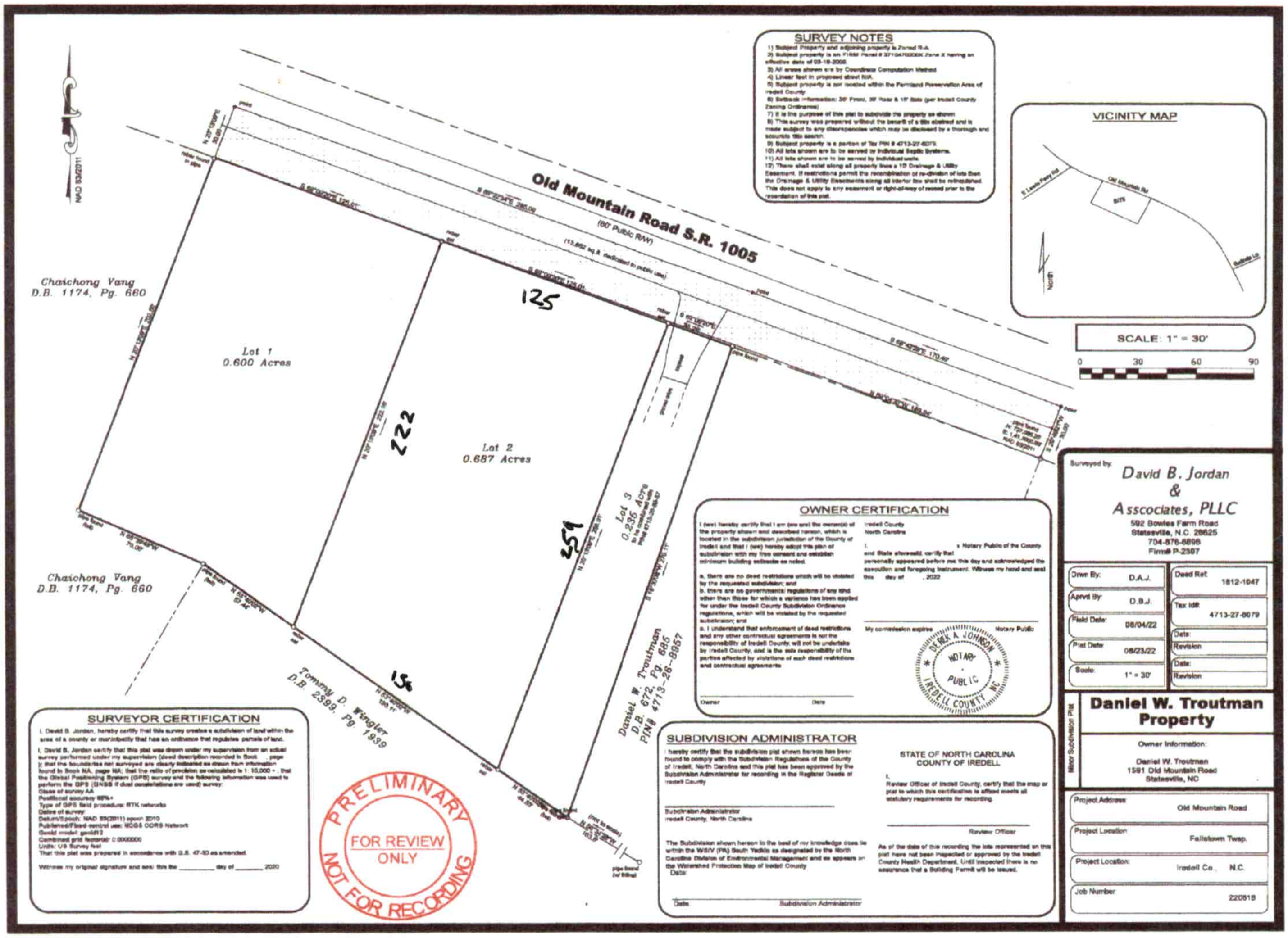
Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general comments, not specific to any other checklist item	No	

Invoice No.	Fee		Fee Amount	Amount Paid
INV-00001196	New Gravity System		$500.00	$500.00
		Total for Invoice INV-00001196	$500.00	$500.00
INV-00001679	Iredell Zoning Tech Fee		$2.25	$2.25

PERMIT SNAPSHOT REPORT (OSWP-2022-2863)

Iredell Zoning Permit Fee		$75.00	$75.00
	Total for Invoice INV-00001679	$77.25	$77.25
	Grand Total for Permit	**$577.25**	**$577.25**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		08/29/2022 0:00	08/29/2022 13:33
Confirm application complete v.1	Generic Action		08/29/2022 13:33
Fees v.1		08/29/2022 0:00	09/07/2022 9:00
Issue Invoice v.1	Generic Action		08/29/2022 13:35
Fees Paid v.1	Generic Action		09/07/2022 9:00
Zoning Review v.1		08/29/2022 0:00	09/07/2022 9:24
Iredell County Zoning Approval v.1	Task	08/29/2022 0:00	09/07/2022 9:24
Issue Invoice v.1	Generic Action		09/07/2022 9:16
Fees Paid v.1	Generic Action		09/07/2022 9:16
Lot Readiness Verification v.1		09/14/2022 0:00	
OSWP Septic Preliminary Site Visit v.1	Inspection	09/14/2022 0:00	09/14/2022 8:28
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		


SURVEY NOTES
1) Subject Property and adjoining property is Zoned R-A.
2) Subject property is on FIRM Panel # 3710470000K Zone X having an effective date of 03-16-2008.
3) All areas shown are by Coordinate Computation Method
4) Linear feet in proposed street N/A.
5) Subject property is not located within the Farmland Preservation Area of Iredell County
6) Setback information: 30' Front, 30' Rear & 15' Side (per Iredell County Zoning Ordinance)
7) It is the purpose of this plat to subdivide the property as shown
8) This survey was prepared without the benefit of a title abstract and is made subject to any discrepancies which may be disclosed by a thorough and accurate title search.
9) Subject property is a portion of Tax PIN # 4713-27-6079.
10) All lots shown are to be served by Individual Septic Systems.
11) All lots shown are to be served by individual wells.
12) There shall exist along all property lines a 10' Drainage & Utility Easement. If restrictions permit the recombination or re-division of lots then the Drainage & Utility Easements along all interior line shall be relinquished. This does not apply to any easement or right-of-way of record prior to the recordation of this plat.
VICINITY MAP
Old Mountain Rd
SITE
North
NAD 83(2011)
Old Mountain Road S.R. 1005
(60' Public R/W)
Chaichong Vang
D.B. 1174, Pg. 660
Lot 1
0.600 Acres
Lot 2
0.687 Acres
Lot 3
0.236 Acre
125
222
259
Chaichong Vang
D.B. 1174, Pg. 660
Tommy D. Wingler
D.B. 2399, Pg. 1939
Daniel W. Troutman
D.B. 672, Pg. 685
PIN# 4713-26-8957
SCALE: 1" = 30'
0
30
60
90
OWNER CERTIFICATION
I (we) hereby certify that I am (we are) the owner(s) of the property shown and described hereon, which is located in the subdivision jurisdiction of the County of Iredell and that I (we) hereby adopt this plan of subdivision with my free consent and establish minimum building setbacks as noted.
a. there are no deed restrictions which will be violated by the requested subdivision; and
b. there are no governmental regulations of any kind other than those for which a variance has been applied for under the Iredell County Subdivision Ordinance regulations, which will be violated by the requested subdivision; and
c. I understand that enforcement of deed restrictions and any other contractual agreements is not the responsibility of Iredell County, will not be undertaken by Iredell County, and is the sole responsibility of the parties affected by violations of such deed restrictions and contractual agreements.
Owner
Date
Iredell County
North Carolina
I, a Notary Public of the County and State aforesaid, certify that personally appeared before me this day and acknowledged the execution and foregoing instrument. Witness my hand and seal this day of , 2022
My commission expires
Notary Public
DEREK A. JOHNSON
NOTARY
PUBLIC
IREDELL COUNTY NC
SURVEYOR CERTIFICATION
I, David B. Jordan, hereby certify that this survey creates a subdivision of land within the area of a county or municipality that has an ordinance that regulates parcels of land.
I, David B. Jordan certify that this plat was drawn under my supervision from an actual survey performed under my supervision (deed description recorded in Book , page); that the boundaries not surveyed are clearly indicated as drawn from information found in Book NA, page NA; that the ratio of precision as calculated is 1: 10,000 + ; that the Global Positioning System (GPS) survey and the following information was used to perform the GPS (GNSS if dual constellations are used) survey:
Class of survey AA
Positional accuracy 95%+
Type of GPS field procedure: RTK networks
Dates of survey:
Datum/Epoch: NAD 83(2011) epoch 2010
Published/Fixed-control use: NCGS CORS Network
Geoid model: geoid12
Combined grid factor(s): 0.0000000
Units: US Survey feet
That this plat was prepared in accordance with G.S. 47-30 as amended.
Witness my original signature and seal this the ________ day of _______ 2020
PRELIMINARY
FOR REVIEW ONLY
NOT FOR RECORDING
SUBDIVISION ADMINISTRATOR
I hereby certify that the subdivision plat shown hereon has been found to comply with the Subdivision Regulations of the County of Iredell, North Carolina and this plat has been approved by the Subdivision Administrator for recording in the Register Deeds of Iredell County
Subdivision Administrator
Iredell County, North Carolina
The Subdivision shown hereon to the best of my knowledge does lie within the WS/V (PA) South Yadkin as designated by the North Carolina Division of Environmental Management and as appears on the Watershed Protection Map of Iredell County
Date:
Date
Subdivision Administrator
STATE OF NORTH CAROLINA
COUNTY OF IREDELL
I,
Review Officer of Iredell County, certify that the map or plat to which this certification is affixed meets all statutory requirements for recording.
Review Officer
As of the date of this recording the lots represented on this plat have not been inspected or approved by the Iredell County Health Department. Until inspected there is no assurance that a Building Permit will be issued.
Surveyed by:
David B. Jordan
&
Asscociates, PLLC
592 Bowles Farm Road
Statesville, N.C. 28625
704-876-6898
Firm# P-2397
Drwn By: D.A.J.
Aprvd By: D.B.J.
Field Date: 08/04/22
Plat Date: 08/23/22
Scale: 1" = 30'
Deed Ref: 1812-1047
Tax Id#: 4713-27-6079
Date:
Revision
Date:
Revision
Minor Subdivision Plat
Daniel W. Troutman
Property
Owner Information:
Daniel W. Troutman
1591 Old Mountain Road
Statesville, NC
Project Address: Old Mountain Road
Project Location: Fallstown Twsp.
Project Location: Iredell Co., N.C.
Job Number: 220818

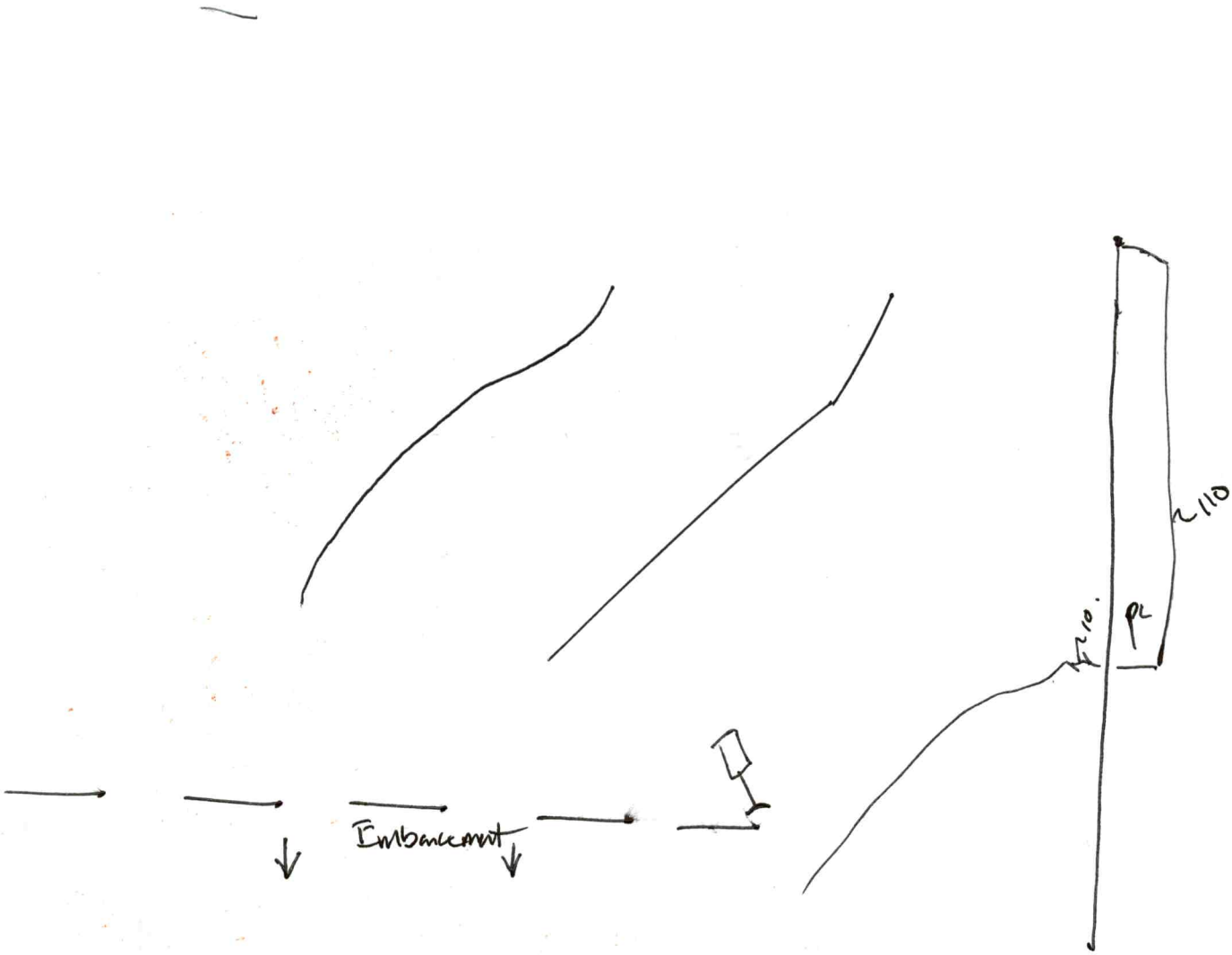
1 bedroom = 120 gal per Day

360 ÷ LTAR .25 = 1440 sqft ÷ 3 = 480

25% clear 36"

50% Panels

240 panels


Embankment
110
10.

H
12
10
01
13
25
26
27
42