ICHD - ENVIRONMENTAL HEALTH DIVISION

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

MANF-2023-36059

PERMIT # OSWP-2023-32133

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

PIN # 4705-58-5161

APPLICANT/OWNER: BILLY BLANKENSHIP

APPLICANT ADDRESS: 286 TRAILWAY DRIVE, STATESVILLE, N.C. 28625

SITE ADDRESS: 286 TRAILWAY DRIVE, STATESVILLE, N.C. 28625

PHONE: 828-461-5397

ALT. PHONE: —

SITE DIRECTIONS: (W) ON 64, (L) ON LIPPARD FARM, (R) ON HAPPY ACRES, (L) ON TRAILWAY, LOT ON (L)

SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: CASA GRANDE

SECTION: P2 LOT # 1 LOT AREA: 1.32 AC

DESIGN FLOW: 240 GPD L.T.A.R.: 0.225

Septic Tank	1000 (gal)	STB	160	Date	9/9/23
Pump Tank	— (gal)	PT	—	Date	—
Pump Make	—	Model	—	Serial #	—
# Nitrification Fields	1	# Lines	4	Linear Ft	268FT
Trench Width	36 IN	Trench Bottom Depth(Low side)	20 IN	Gravel Depth	—

☑ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI

System Description: 25% REDUCTION

Repair System Description: 50% REDUCTION

Maintenance Agreement Required: ☐ YES ☑ NO

☑ GRAVITY ☐ PRESSURE

☑ Residence No. Bedrooms 2

☐ Business No. Persons 4

☐ Other No. Employees —

☐ Slab ☑ Crawl Space

☐ Basement w/ plumbing ☐ Basement w/o plumbing

Water Supply

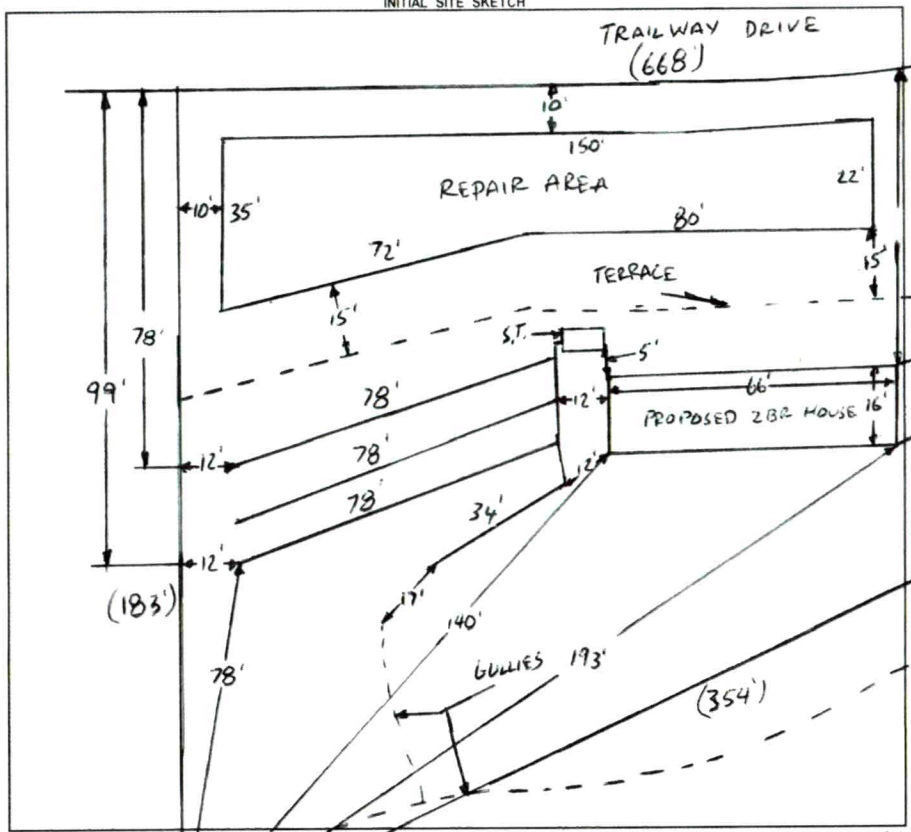
☐ Private

☑ Public

☐ Community

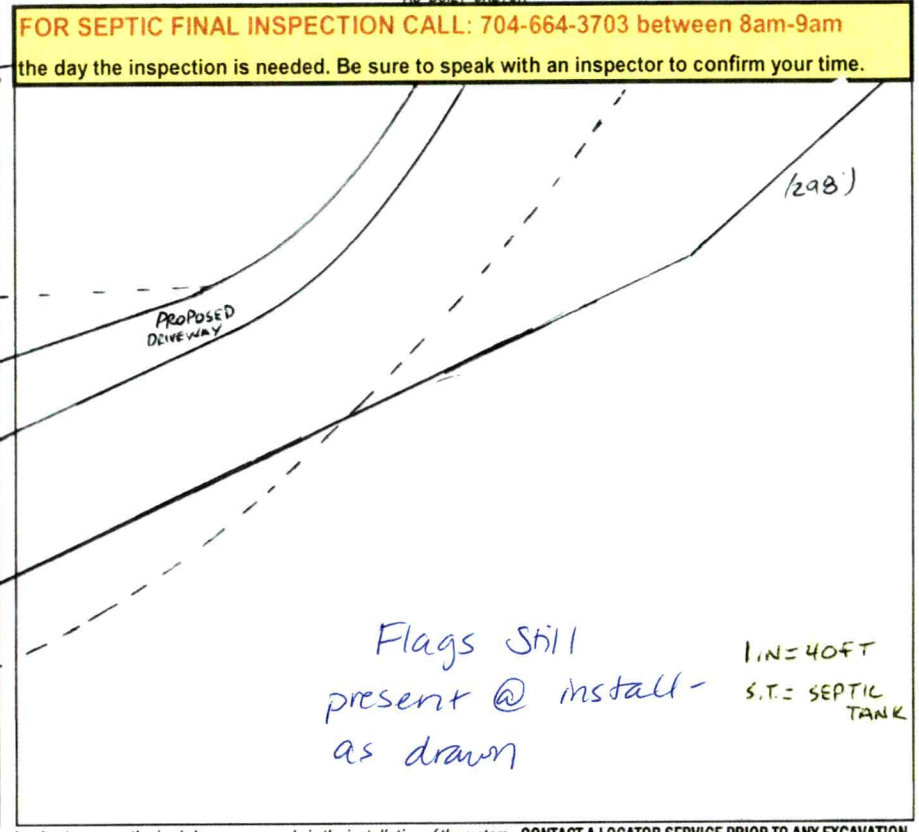
Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS, UTILIZE SERIAL DISTRIBUTION, DO NOT EXCEED A 28 IN MAX TRENCH DEPTH

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: K&M Grading - Kevin Bowles

IMPROVEMENT PERMIT by: Bryant C. White Date: 9-12-2023 OPERATION PERMIT by: D. Wiebey Date: 11-09-23

AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 9-12-2023 Existing System Inspected by: Date:

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

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

MANF-2023-36059

PERMIT # OSWP-2023-32133

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

PIN # 4705-58-5161

APPLICANT/OWNER: BILLY BLANKENSHIP | APPLICANT ADDRESS: 286 TRAILWAY DRIVE, STATESVILLE, N.C. 28625

SITE ADDRESS: 286 TRAILWAY DRIVE, STATESVILLE, N.C. 28625 | PHONE: 828-461-5397 | ALT. PHONE: —

SITE DIRECTIONS: (W) ON 64, (L) ON LIPPARD FARM, (R) ON HAPPY ACRES, (L) ON TRAILWAY, LOT ON (L) | SAP CONTROLLED: ☐ YES ☑ NO

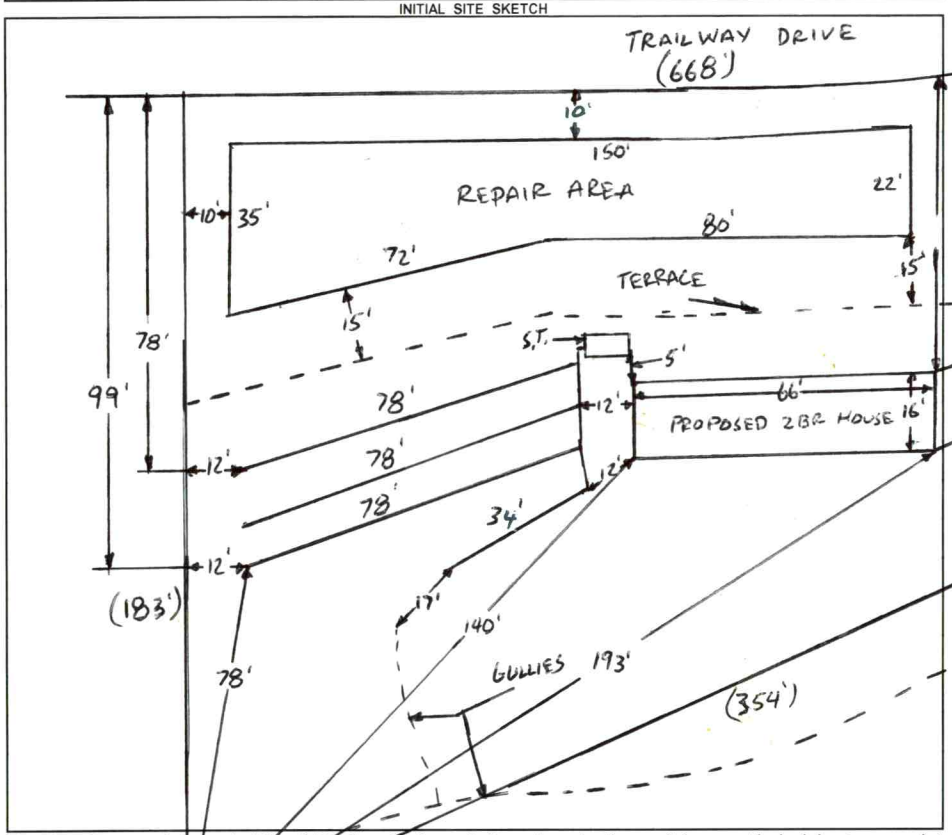
SUBDIVISION: CASA GRANDE | SECTION: P2 | LOT # 1 | LOT AREA: 1.32 AC | DESIGN FLOW: 240 GPD | L.T.A.R.: 0.225

Septic Tank	1000 (gal)	STB	Date	☑ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms 2
Pump Tank	— (gal)	PT —	Date —	System Description:			25% REDUCTION	☐ Business	No. Persons 4
Pump Make	—	Model —	Serial # —	Repair System Description:			50% REDUCTION	☐ Other	No. Employees —
# Nitrification Fields	1	# Lines 4	Linear Ft 268FT	Maintenance Agreement Required:	☐ YES	☑ NO		☐ Slab	☑ Crawl Space
Trench Width	36 IN	Trench Bottom Depth(Low side)	20 IN	Gravel Depth —	☑ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☐ Private ☑ Public ☐ Community

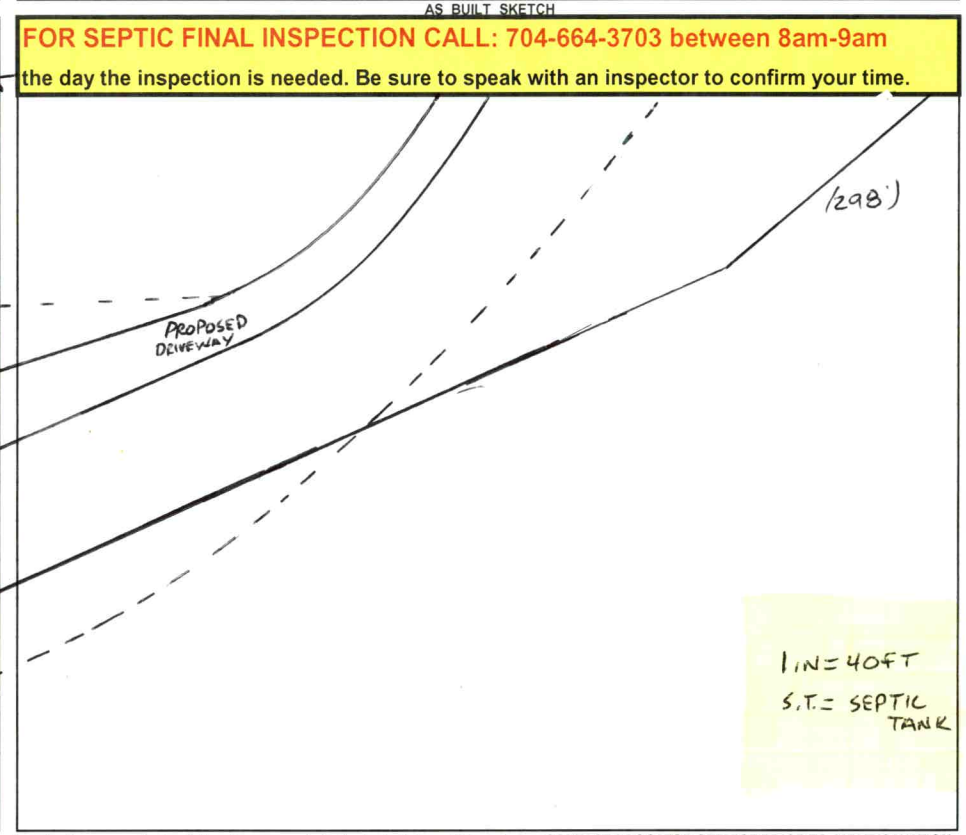
Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS, UTILIZE SERIAL DISTRIBUTION, DO NOT EXCEED A 28 IN MAX TRENCH DEPTH

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AS BUILT SKETCH

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Owner / Applicant Signature: ONLINE SIGNATURE | Date: — | Installed by:

IMPROVEMENT PERMIT by: Bryant C. White | Date: 9-12-2023 | OPERATION PERMIT by: | Date:

AUTHORIZATION TO CONSTRUCT by: Bryant C. White | Date: 9-12-2023 | 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? _____	

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

Sheet 1 of 1
PROPERTY ID #: 4705-58-5161
COUNTY: IREDELL

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

OWNER: BILLY BLANKENSHIP
APPLICATION DATE: 7-27-2023
ADDRESS: 286 TRAILWAY DRIVE, STATESVILLE, N.C. 28625
DATE EVALUATED: 8-23-2023
PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____
PROPERTY SIZE: 1.32 AC
LOCATION OF SITE: 286 TRAILWAY DRIVE, STATESVILLE, N.C. 28625
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)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	LINEAR SIDE 4%	0-28	FILL	MIXED	Y/B MOTS 30"+ 2.5Y6/2 @ 43+	65"+	NA	NA	✓
		28-65	C, ABK	FR, VS, P, SEXP					
2	LINEAR SIDE 5%	0-10	FILL	MIXED	Y/B MOTS 32"+ 2.5Y6/2 @ 46"	57"	NA	NA	PS .25 ABOVE 46"
		10-45	C, ST ABK	FI, S, P, SEXP					
		45-57	C, ABK	FR, VS, P, SEXP					
3	LINEAR SIDE 6%	0-10	FILL	MIXED	SAP INC 27"+ Y/B MOTS 18"+ 2.5Y6/2 @ 42"	56"	NA	NA	PS .25 ABOVE 42"
		10-44	C, ST ABK	FI, S, P, SEXP					
		44-56	C, ABK	FR SS, SP, SEXP					
4	CUT? HEAD 8%	0-8	FILL	MIXED	SAP INC THRU OUT MICA COMMON	61"+	NA	NA	PS .3
		8-41	C, ST ABK	FI, S, P, SEXP					
		41-61	C, WABK	FR, S, SP, SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	50%
Site LTAR	0.225	0.3

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Burnett C. White
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

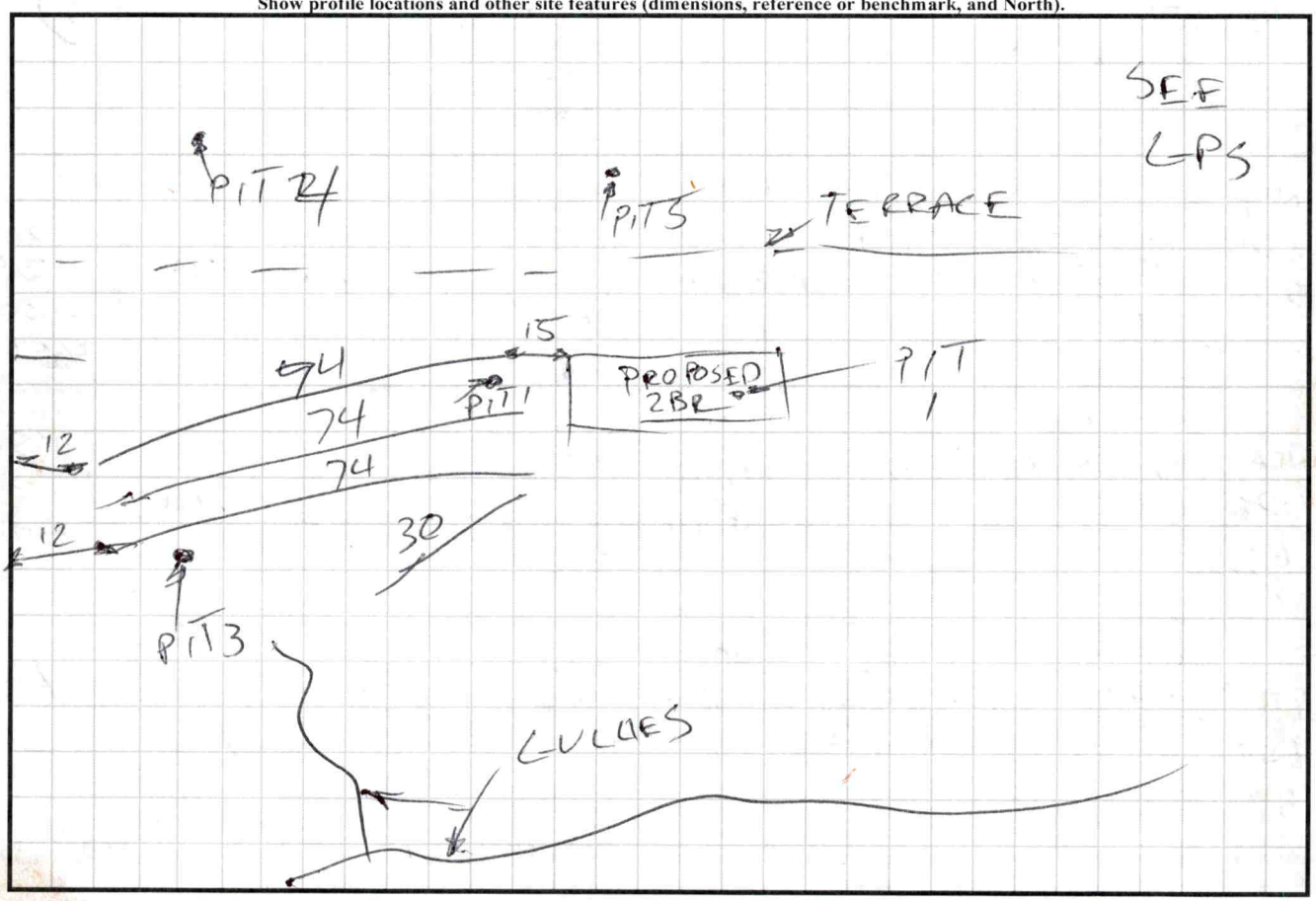
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or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

TRAILWAY DRIVE NTS

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



PIT 5	~~CUT~~? ~~FILL~~ HEAD 6%	0-11	FILL	MIXED	SAP INC THRU OUT MICA COMMON	65" +	NA	NA	PS .3
		11-36	C, ~~ABK~~	FI, S, P, SEXP					
		36-65	CL/~~W~~BK	FR/SS, SP, SEXP					

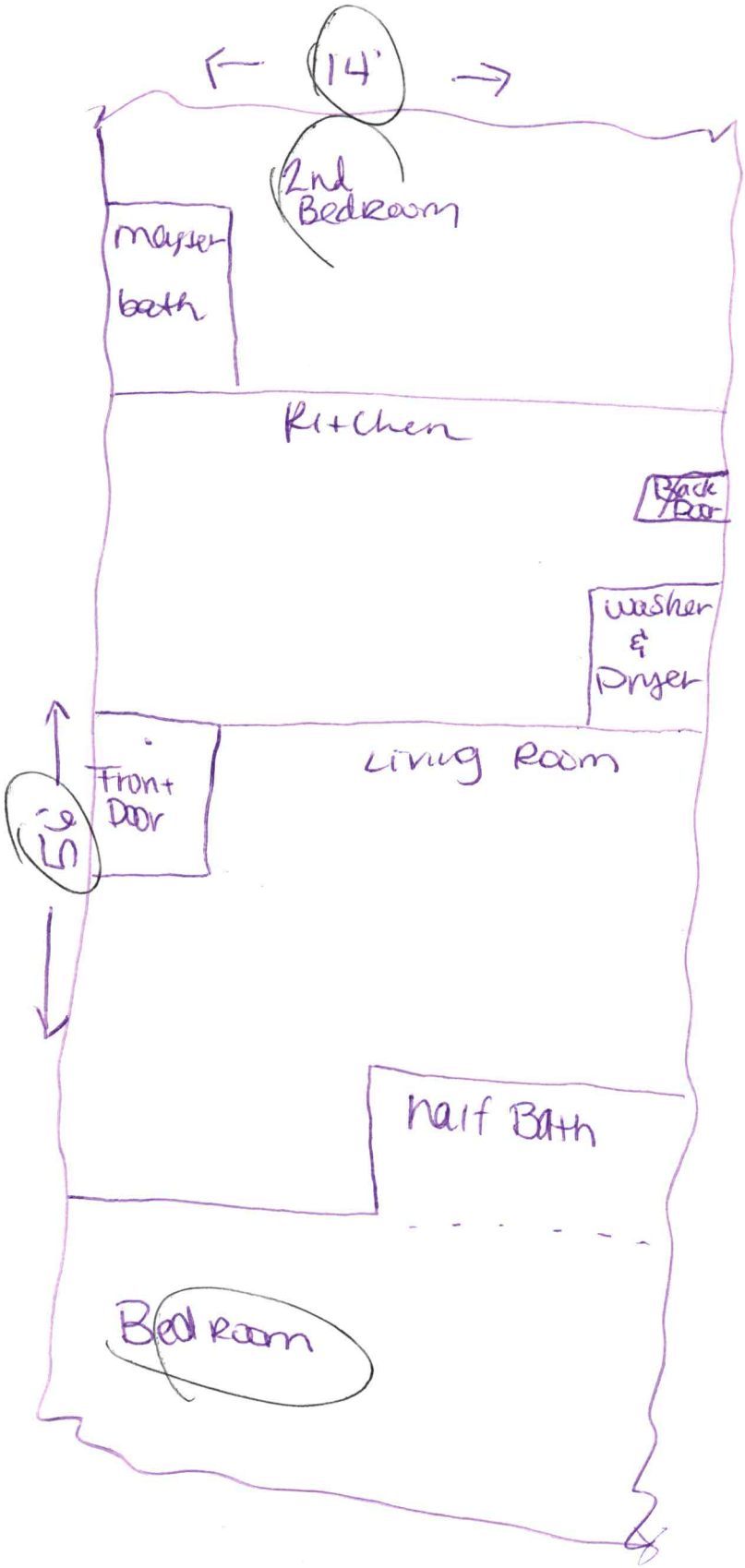

4705-58-5474
100
4705-58-4481
400
4705-58-3397
4705-58-5226
668
409
287
40
Trailway Dr
4705-58-5161
354
286
189
1
4705-26-8913
4705-57-4909
1 in = 40 ft

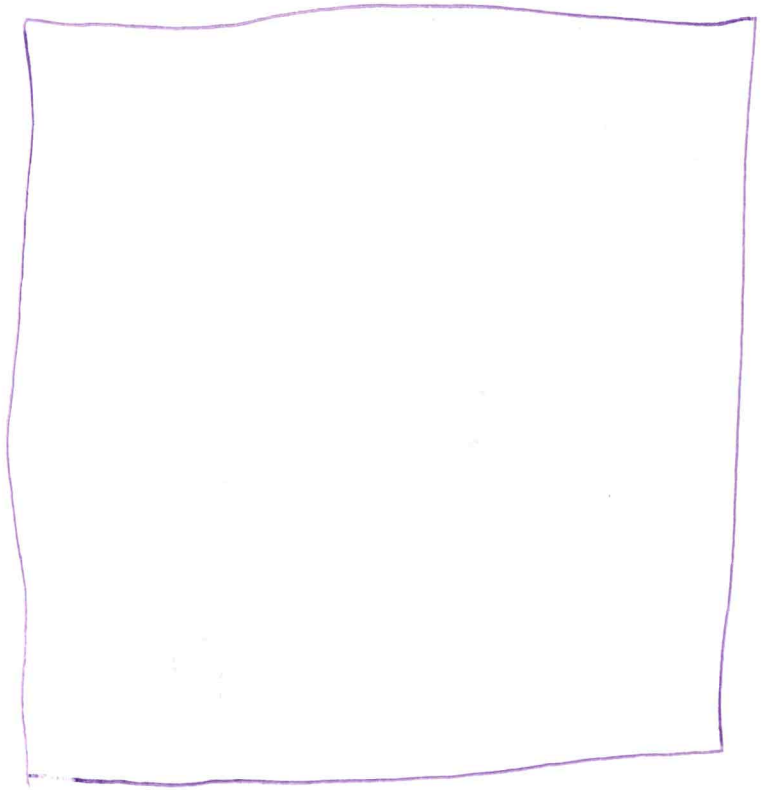
288 Trailway

Acknowledgement Of Plans Submittal ONLY!

Bobby Blackwell Date 9-7-23

Burgess Cashie Date 9-12-2023





PERMIT SNAPSHOT REPORT OSWP-2023-32133 FOR IREDELL COUNTY

Permit Type:	Environmental Health OSWP	**Project:**		**App Date:**	07/27/2023
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:**	White, Bryant	**Approval Expire Date:**	

Description: We need a septic because we are wanting to put a home on the land. 8/4 spoke w/Billy. Site cleared. Needs to mark HB GM 8/7 Billy stated HB marked GM. 8/8 called applicant got VM

Parcel:	4705585161.000 Main	**Address:**	286 Trailway Dr Statesville, NC 28625 Main	**Zone:**	RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent
Billy Blankenship	Billy Blankenship
286 trailway drive	286 trailway drive
Statesville, NC 28625	Statesville, NC 28625
Mobile: (828) 461-5397	Mobile: (828) 461-5397

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Authorization to Construct, Improvement Permit	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	Going to be a mobile home put on land.
What are the proposed structures	Manufactured Home	Maximum Number of Bedrooms	2	If other Addition/Structure, please explain	
Number of Occupants	2	Foundation Type	Crawl Space Foundation	Residential/Business/Other	Residential
Water Supply	Other Public Water	Desired Septic System Type	Conventional (most common)	Lot Acreage	1.32
Front Setback	35	Back Setback	35	Left Setback	15
Right Setback	15	Additional Unique Setbacks Apply	No	Watershed	NOT IN A WATERSHED

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Billy_Blankenship_7/27/2023.jpg	07/27/2023 10:00	Blankenship, Billy		Uploaded via CSS
Scan Jul 27, 2023_v1.pdf	07/27/2023 13:04	Nebel, Barbara	Available Online	Authorize to Act as Agent
Search Jul 27, 2023_v1.pdf	07/31/2023 10:16	Bailey, Julia	Available Online	Site Plan

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-124265	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	08/08/2023	08/08/2023 0:00	08/08/2023 0:00	08/08/2023 13:55	08/08/2023 13:55

Inspectors: McLeod, Grace (Primary)

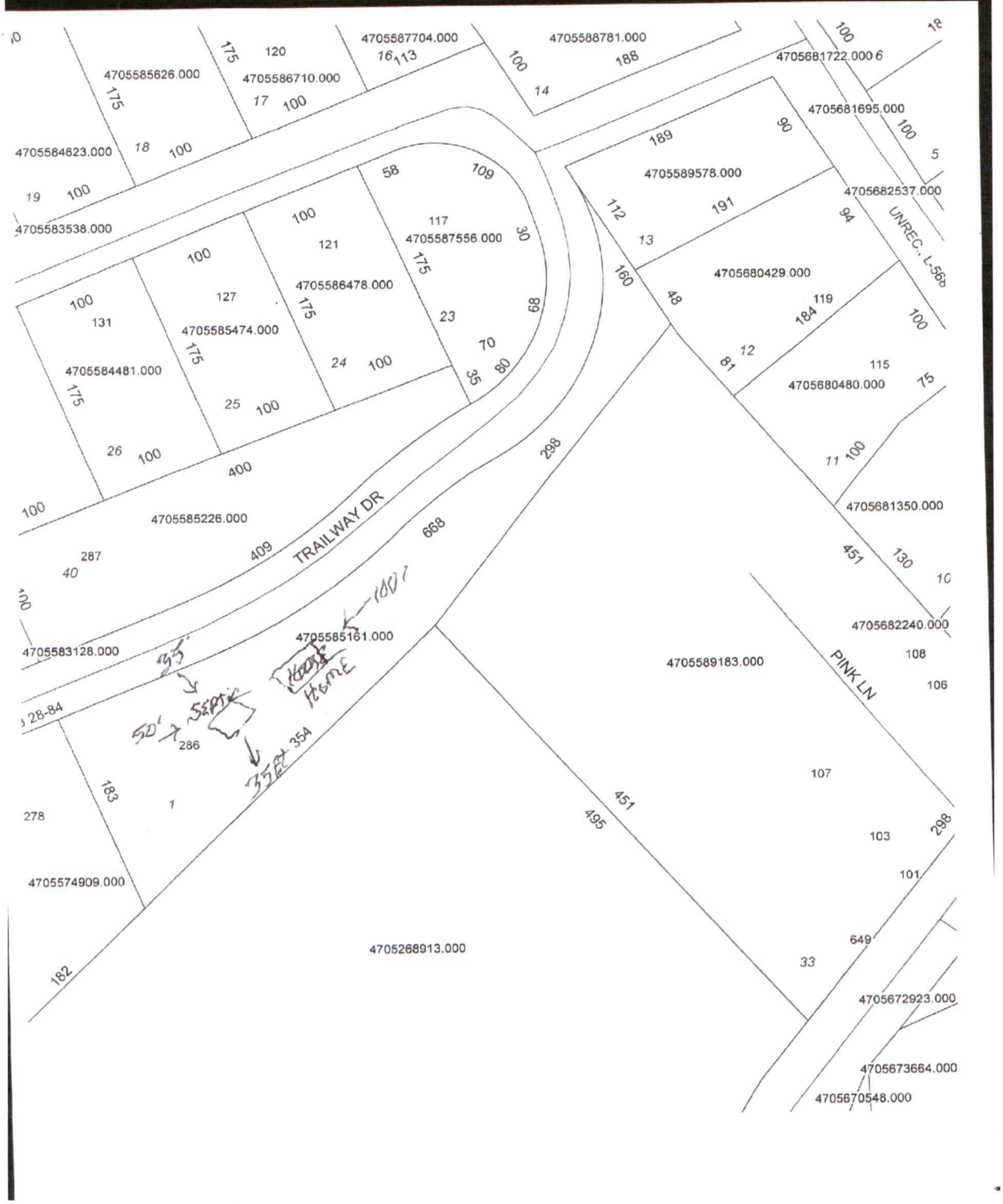
Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general comments, not specific to any other checklist item	No	

Note	Created By	Date and Time Created
1. **Applicant has a road run off ditch at the back of the property. No standing water even after storm last night. Back property line on the other side of the ditch. Site Ready GM.	Grace McLeod	08/08/2023 13:50

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00018273	Iredell Zoning Permit Fee	$75.00	$75.00
	Iredell Zoning Tech Fee	$2.25	$2.25
	New Gravity System	$500.00	$500.00
	Total for Invoice INV-00018273	$577.25	$577.25

PERMIT SNAPSHOT REPORT (OSWP-2023-32133)

	Grand Total for Permit	$577.25	$577.25
Workflow Step / Action Name	**Action Type**	**Start Date**	**End Date**
Application Completeness Check v.1		07/27/2023 13:04	07/27/2023 13:05
Confirm application complete v.1	Generic Action		07/27/2023 13:05
Environment Health Inspections v.1			
Operation Permit Inspection v.1	Inspection		
OSWP Alarm Checked v.1	Inspection		
OSWP Drain Lines Checked v.1	Inspection		
OSWP Electrical Checked v.1	Inspection		
OSWP Floats Checked v.1	Inspection		
OSWP Maintenance Contract v.1	Inspection		
OSWP Pressure Head Checked v.1	Inspection		
OSWP Pressure Manifold Checked v.1	Inspection		
Fees v.1		08/03/2023 12:10	08/03/2023 12:10
Issue Invoice v.1	Generic Action		08/03/2023 12:10
Fees Paid v.1	Generic Action		08/03/2023 12:10
Lot Readiness Verification v.1		08/08/2023 13:54	
OSWP Septic Preliminary Site Visit v.1	Inspection	08/08/2023 13:54	08/08/2023 13:55
OSWP Site Evaluation v.1	Inspection		
Zoning Review v.1		07/27/2023 13:05	08/03/2023 12:10
~~Floodplain Admin Overview v.1~~	Task		07/28/2023 16:09
Iredell County Zoning Approval v.1	Task	07/27/2023 13:05	08/03/2023 12:10
Issue Invoice v.1	Generic Action		07/28/2023 16:09
Fees Paid v.1	Generic Action		08/03/2023 12:10
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		


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4705670548.000
HOUSE
HOME
SEPTIC
50'
35'
354
100'