BCW BLDR-2024-54005

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 2023-39272

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

PIN # 4722 -- 61 -- 8562

APPLICANT/OWNER: Holloway Family Homes APPLICANT ADDRESS: 1270 Northside Dr, Statesville

SITE ADDRESS: 286 Troutman Farm Rd, Statesville 28677 PHONE: 704-224-1440 ALT. PHONE 704-253-8080

SITE DIRECTIONS: 215 - Old Mtn - Troutman Farm SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Kimberly Troutman Setser SECTION: - LOT # TR 22 LOT AREA: 1.338 acres DESIGN FLOW: 360 gpd L.T.A.R.: 0.3

Septic Tank	1000 (gal)	STB	1012	Date		☒ New System ☐ Repair ☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms 3
Pump Tank	1000 (gal)	PT	17	Date	7-5-24	System Description:	25% reduction	☐ Business	No. Persons 6
Pump Make	LIBERTY	Model	280	Serial #		Repair System Description:	DRIP (.15)	☐ Other	No. Employees
# Nitrification Fields	1	# Lines	6	Linear Ft	300'	Maintenance Agreement Required:	☐ YES ☒ NO	☐ Slab	☒ Crawl Space
Trench Width	36 in	Trench Bottom Depth(Low side)	30 in	Gravel Depth	-		☐ GRAVITY ☒ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing

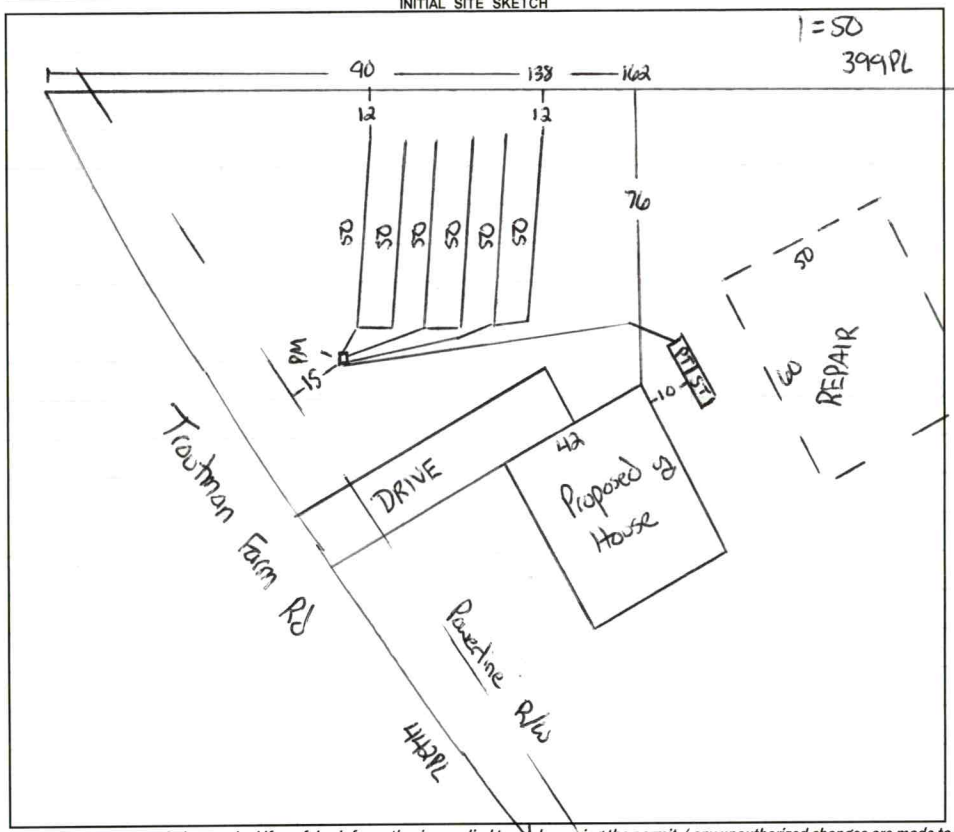
Water Supply: ☐ Private ☒ Public ☐ Community

Comments / Conditions: Install on contour with the land. Do not grade, park, or drive on septic area.

keep 15' out of powerline r/w

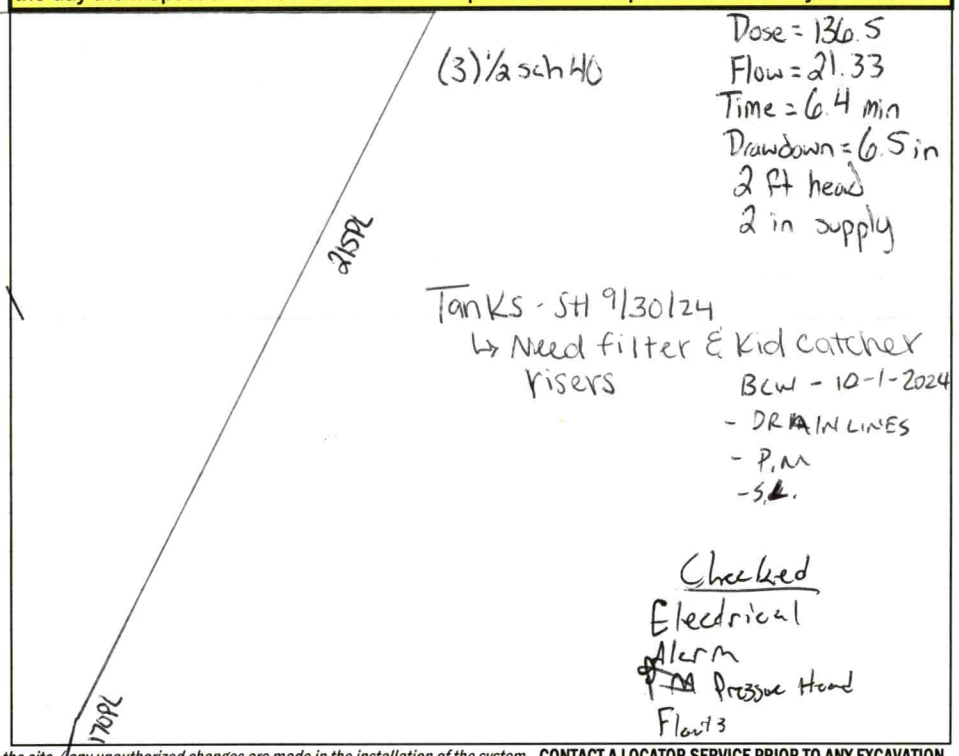
Floor plans bigger, does not impact septic

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.



Dose = 136.5
Flow = 21.33
Time = 6.4 min
Drawdown = 6.5 in
2 ft head
2 in supply

Tanks - STI 9/30/24
↳ Need filter & Kid catcher risers

BCW - 10-1-2024
- DRAIN LINES
- P, M
- S.

Checked
Electrical
Alarm
Pressure Head
Float 3

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: Summey Septic

IMPROVEMENT PERMIT by: Cory Whit Date: 1/11/24 OPERATION PERMIT by: Mark Whit Date: 12/31/24

AUTHORIZATION TO CONSTRUCT by: Cory Whit Date: 5/23/24 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 #: 4722618202
COUNTY: Iredell

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

OWNER: Holloway Family Homes
APPLICATION DATE 10/17/23
ADDRESS: 1270 Northside Dr
DATE EVALUATED: 11/29/23
PROPOSED FACILITY: 3 bd/r
PROPOSED DESIGN FLOW (.1949): 360 gpd
PROPERTY SIZE: 1.338
LOCATION OF SITE: 286 Trautman Farm Rd, Statesville
PROPERTY RECORDED: yes
WATER SUPPLY: Private X Public 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 6%	0 - 8	SCL SBK	SS SP FR SE	10yr 6/5 at 22"-30"	49	-	-	.25 PS
		8 - 32	C ABK	SS SP FR SE					
		32 - 49	CL SBK	SS SP FR SE					
2	Head 5%	0 - 10	SCL SBK	SS SP FR SE	10yr 6/2 at 20" - 38"	49	-	-	.15 DRIP
		10 - 38	C ABK	SS SP FR SE					
		38 - 49	CL SBK	SS SP FR SE					
3	Linear 9%	0 - 7	SCL SBK	SS SP FR SE	-	52	-	-	.3 PS
		7 - 32	C ABK	SS SP FR SE					
		32 - 52	CL SBK	SS SP FR SE					
4	Linear 8%	0 - 8	SCL SBK	SS SP FR SE	-	53	-	SAP inc in CL layer	.3 PS
		8 - 33	C ABK	SS SP FR SE					
		33 - 53	CL SBK	SS SP FR SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	DRIP
Site LTAR	.3	.15

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Cory Winecker
OTHER(S) PRESENT: Bryant White

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.

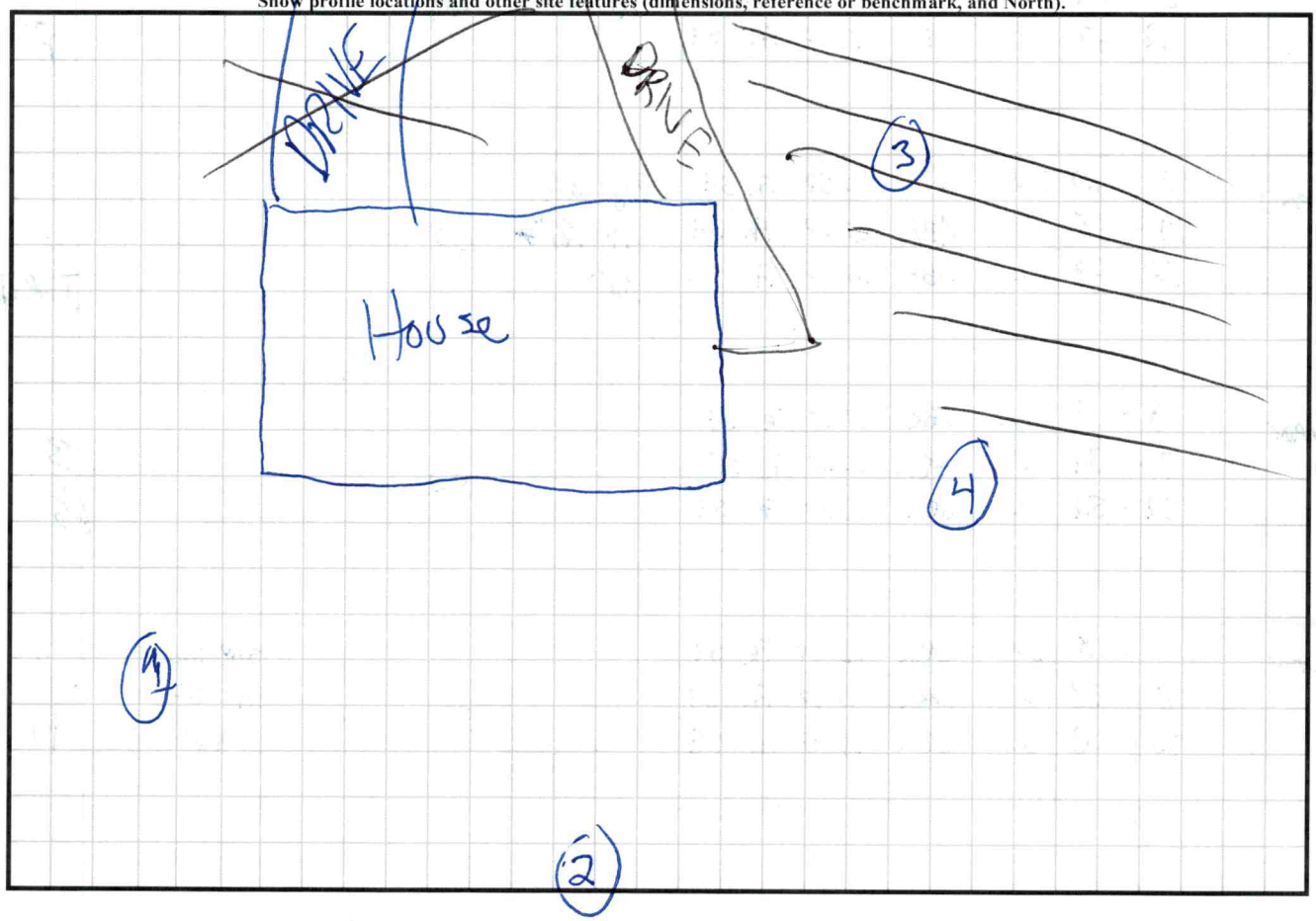
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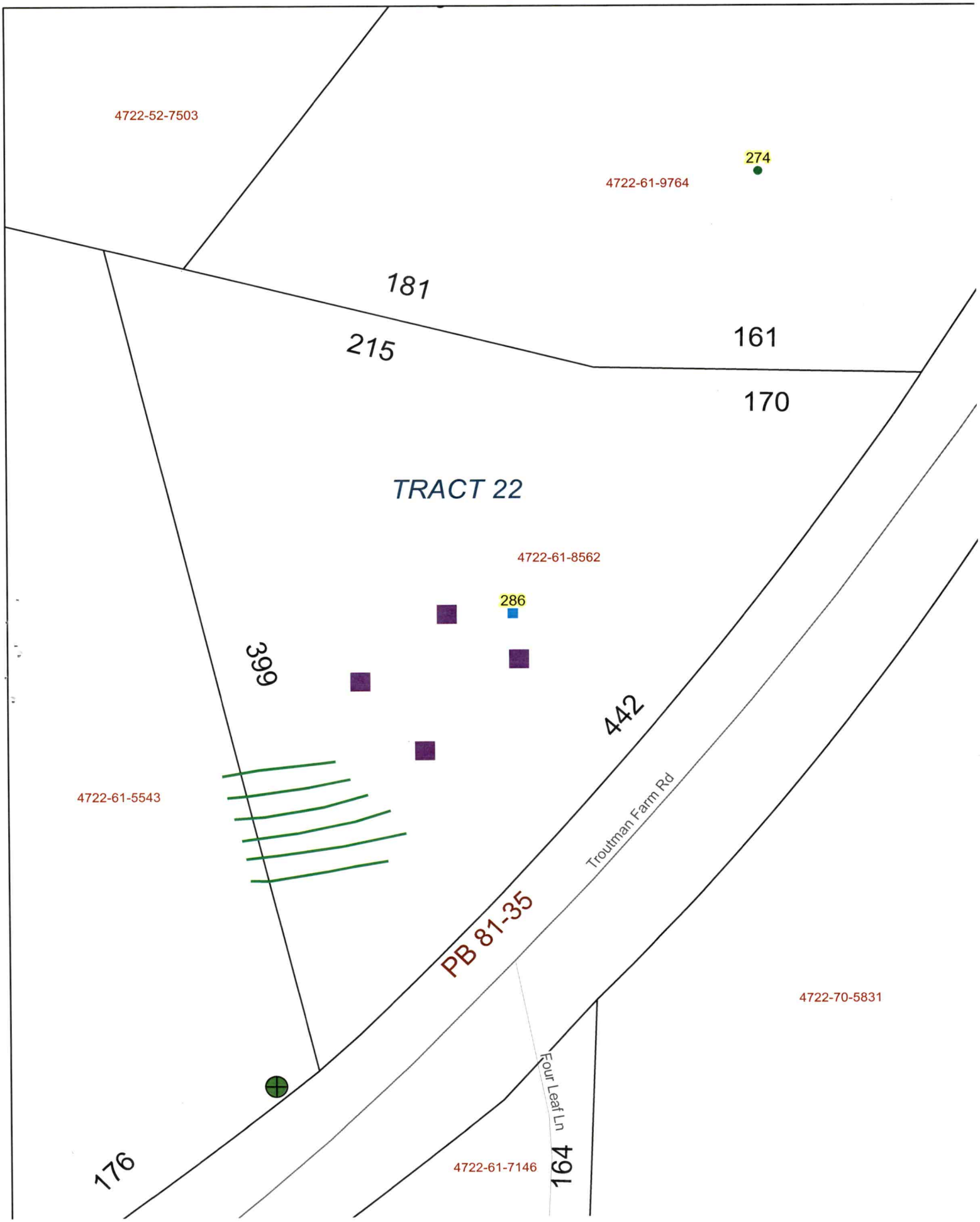
HORIZON DEPTH	In inches below natural soil surface
DEPTH OF FILL	In inches from land surface
RESTRICTIVE HORIZON	Thickness and depth from land surface
SAPROLITE	S(suitable) or U(unsuitable)
SOIL WETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or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




4722-52-7503
274
4722-61-9764
181
215
161
170
TRACT 22
4722-61-8562
286
399
442
4722-61-5543
Troutman Farm Rd
PB 81-35
4722-70-5831
Four Leaf Ln
176
4722-61-7146
164

PERMIT SNAPSHOT REPORT OSWP-2023-39272
FOR IREDELL COUNTY

Permit Type:	Environmental Health OSWP	**Project:**		**App Date:**	10/17/2023
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: New Single Family 10/27 Sent email. Ken responded clearing site. He will advise when ready. GM 10/30 Kent stated HB needs to be marked. GM 11/9 Aaron stated site would be ready 11/10. GM 11/13 Site ready GM

Parcel: 4722618562.000 Main	**Address:** 286 Troutman Farm Rd Statesville, NC 28677 Main	**Zone:** R-20(Suburban Residential District)

Property Owner
JOHN N+KIMBERLY R BLACK SETSER

Applicant/Authorized Agent
Holloway Family Homes North Carolina, LLC
1270 Northside Drive
Statesville, NC 28625
Business: (704) 224-1440

Applicant/Authorized Agent
Holloway Family Homes North Carolina, LLC
1270 NORTHSIDE DR
STATESVILLE, NC 28625
Home: (704) 253-8080
Mobile: (704) 253-8080

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Improvement Permit	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	48' x 33'
What are the proposed structures	New Single-Family Residence - Stick Built	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	6	Foundation Type	Crawl Space Foundation
Water Supply	Municipal Water	Desired Septic System Type	Conventional (most common)	Lot Acreage	1.388
Front Setback	35	Back Setback	35	Left Setback	15
Right Setback	15	Zoning Permit Issued Date	Oct 26 2023 12:00AM	Zoning Permit Expiration Date	Apr 23 2024 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	WSIV CA CATAWBA/LAKE NORMAN		

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Kenton_Jackson_10/17/2023.jpg	10/17/2023 12:36	Jackson, Kenton		Uploaded via CSS
Acting As Agent_v1.pdf	10/26/2023 8:19	Nebel, Barbara	Available Online	Authorize to Act as Agent
GIS-Model_v1.pdf	10/26/2023 10:39	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
2023-162369	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	11/13/2023	11/13/2023 0:00	11/13/2023 0:00	11/13/2023 15:39	11/13/2023 15:39

Inspectors: Snow, Robert (Primary)

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

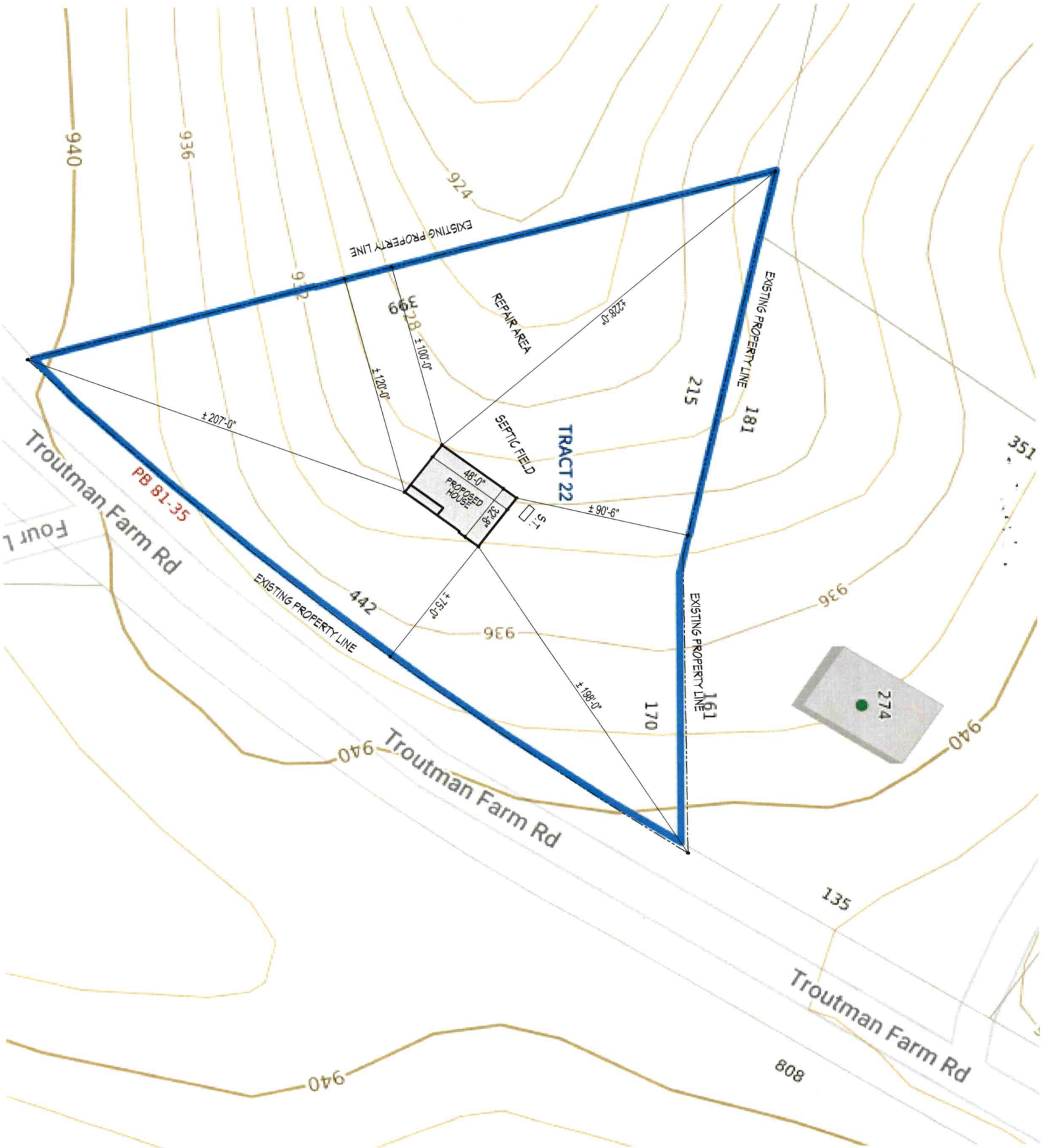
Note	Created By	Date and Time Created

PERMIT SNAPSHOT REPORT (OSWP-2023-39272)

1.	10/27 Sent email. Ken responded clearing site. He will advise when ready GM 10/30 Kent stated HB needs to be marked. GM	Grace McLeod	10/27/2023 16:38
2.	11/09 Aaron stated site would be ready 11/10 GM 11/13 Site ready two corners inside fence, two outside fenced area. GM	Grace McLeod	11/09/2023 16:42

Invoice No.	Fee		Fee Amount	Amount Paid
INV-00022593	Iredell Zoning Permit Fee		$75.00	$75.00
	New Gravity System		$500.00	$500.00
	Iredell Zoning Tech Fee		$2.25	$2.25
		Total for Invoice INV-00022593	$577.25	$577.25
		Grand Total for Permit	**$577.25**	**$577.25**

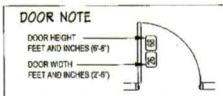
Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		10/26/2023 8:48	10/26/2023 8:48
Confirm application complete v.1	Generic Action		10/26/2023 8:48
Environment Health Inspections v.1			
Operation Permit Inspection v.1	Inspection		
OSWP Alarm Checked v.1	Inspection		
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		
OSWP Tanks Checked v.1	Inspection		
Fees v.1		10/27/2023 11:39	10/27/2023 11:39
Issue Invoice v.1	Generic Action		10/27/2023 11:39
Fees Paid v.1	Generic Action		10/27/2023 11:39
Lot Readiness Verification v.1		11/13/2023 15:39	
OSWP Septic Preliminary Site Visit v.1	Inspection	11/13/2023 15:39	11/13/2023 15:39
OSWP Site Evaluation v.1	Inspection		
Zoning Review v.1		10/26/2023 10:40	10/27/2023 8:12
~~Floodplain Admin Overview v.1~~	Task		10/26/2023 10:40
Iredell County Zoning Approval v.1	Task	10/26/2023 10:40	10/27/2023 8:12
Issue Invoice v.1	Generic Action		10/26/2023 10:40
Fees Paid v.1	Generic Action		10/27/2023 8:12
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		


940
936
924
EXISTING PROPERTY LINE
912
REPAIR AREA
± 228'-0"
± 100'-0"
± 120'-0"
± 207'-0"
SEPTIC FIELD
TRACT 22
48'-0"
PROPOSED HOUSE
32'-8"
S.T.
± 90'-6"
215
181
EXISTING PROPERTY LINE
351
PB 81-35
Troutman Farm Rd
442
EXISTING PROPERTY LINE
± 175'-0"
936
936
± 198'-0"
170
161
EXISTING PROPERTY LINE
274
940
940
Troutman Farm Rd
135
Troutman Farm Rd
940
808

DOOR NOTE

DOOR HEIGHT
FEET AND INCHES (6'-8")

DOOR WIDTH
FEET AND INCHES (2'-6")



1. PROVIDE WEATHER STRIPING ON ALL DOORS TO UNHEATED SPACE AND EXTERIOR DOORS
2. ALL GLAZING IN DOORS IS TO BE TEMPERED
3. COORDINATE DOOR PANEL STYLE PER SPECS.
4. COORDINATE HARDWARE STYLE PER SPECS.
5. SEE ELEVATIONS FOR ADDITIONAL DOOR INFORMATION

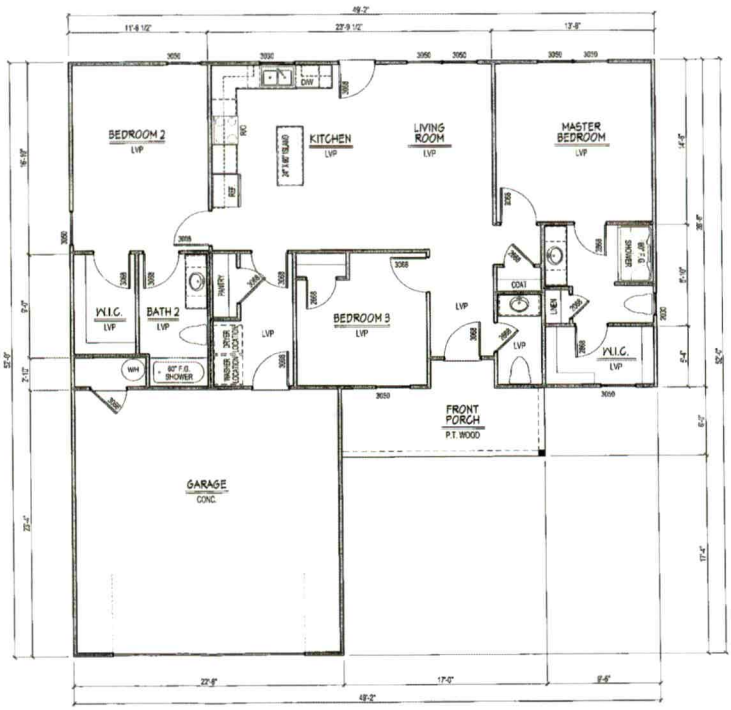
PRELIMINARY
PRELIMINARY INFORMATION ONLY
NOT FOR CONSTRUCTION

CLIENT APPROVAL	
CLIENT INITIALS	DATE
CLIENT INITIALS	DATE

SQUARE FOOTAGES (APPROX.)	
FIRST FLOOR	1396 SQ.FT.
TOTAL HEATED	1396 SQ.FT.
GARAGE	529 SQ.FT.
FRONT PORCH	115 SQ.FT.
TOTAL NON-HEATED	644 SQ.FT.
TOTAL UNDER ROOF	2040 SQ.FT.

FLOOR PLAN NOTES

1. ALL DIMENSIONS & SITE CONDITIONS TO BE VERIFIED PRIOR TO CONSTRUCTION.
2. ALL DIMENSIONS ARE TO OUTSIDE OF OUTSIDE FACE OF WALL STUD, CONCRETE WALL OR C.M.U. WALL. NO WALL FINISHES, SIDING OR VENEERS ARE ASSUMED
3. ADAPT PLANS AS REQUIRED TO MEET ALL SITE CONDITIONS
4. ALL SQUARE FOOTAGE MEASUREMENTS ARE APPROXIMATE AND MAY DIFFER FROM ACTUAL CONSTRUCTED RESIDENCE OR BUILDING.
5. VERIFY ALL FINISHES TO BE VERIFIED WITH OWNER PRIOR TO CONSTRUCTION.
6. VERIFY ALL DOOR AND WINDOW STYLES AND SIZES WITH OWNER PRIOR TO CONSTRUCTION. MANUFACTURER TO SUPPLY ALL ROUGH OPENING SIZES.
7. LOCATE HVAC UNITS AND WATER HEATER AT SITE IF NOT SHOWN ON PLANS
8. ANGLES IN WALLS TO BE ASSUMED 45°, TYP. U.N.O.
9. VERIFY LOCAL CODE FOR LOCATION OF TEMPERED GLAZING REQUIREMENTS
10. EXTERIOR WALLS ARE TO BE 2X4 at 16" O.C. TYP. UNLESS NOTED OTHERWISE
11. INTERIOR WALLS ARE TO BE 2X4 at 16" O.C. TYP. UNLESS NOTED OTHERWISE
12. SINGLE HUNG WINDOW STYLE IS TO BE TYPICAL UNLESS NOTED OTHERWISE. COORDINATE COLORS AND SERIES TYPE WITH OWNER AND MANUFACTURER.



THIS DRAWING IS NOT TO BE REPRODUCED OR USED TO CONTRACT ANY BUILDING WITHOUT WRITTEN AUTHORIZATION AND SHALL REMAIN THE PROPERTY OF THE BUILDER

GUILL RESIDENCE
TROUTMAN FARM RD. ◆ STATESVILLE, NC

FIRST FLOOR PLAN

REVISIONS

DESIGN NO: 05-24-115
SCALE: 1/8" = 1'-0"
BASE PLAN NAME: CUSTOM
BASE PLAN LINE: N/A
DATE DRAWN: 02/19/24

B2.1