BLDR LOG: 52501

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 x3456 Mooresville Office (704) 660-3625

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

PERMIT : OSWP- 2024-50341 ✓

PIN # 4851 -- 19 -- 6410 ✓

APPLICANT/OWNER: JAYDEN A. GANTT

APPLICANT ADDRESS: 577 JERICO ROAD, HARMONY, N.C. 28634

SITE ADDRESS: 139 HUIE ROAD, OLIN, N.C. 28660

PHONE: 704-902-6770 ALT. PHONE 704-470-7141

SITE DIRECTIONS: (N) ON 77, (L) ON 901, (L) ON PIONEER, (L) ON SLOANS MILL, (R) ON HUIE, LOT ON (L)

SAP CONTROLLED: ☑ YES ☐ NO

SUBDIVISION: – ✓ SECTION: – LOT # – ✓ LOT AREA: 1.00 AC DESIGN FLOW: 480 GPD

L.T.A.R.(Initial): 0.3 L.T.A.R (Repair): 0.3

Septic Tank	1000	(gal)	STB 4-6-2024	Date	10/2	☑ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI
Pump Tank	–	(gal)	PT –	Date	–	System Description:	25% REDUCTION		
Pump Make	–	Model	–	Serial #	–	Repair System Description:	50% REDUCTION		
# Nitrification Fields	1	# Lines	4	Linear Ft	401 FT	Maintenance Agreement Required:	☐ YES	☑ NO	
Trench Width	36 IN	*Max. Trench Depth(Initial)	27 IN	*Max. Trench Depth(Repair)	27 IN	Gravel Depth	–	☑ GRAVITY	☐ PRESSURE

* Measured on the downhill side of the trench

Effluent Standard: ☑ DSE ☐ HSE ☐ TS-I ☐ TS-II ☐ RCW ☐ NSF/ANSI 40

Usable Depth to LC (Initial): 45 IN

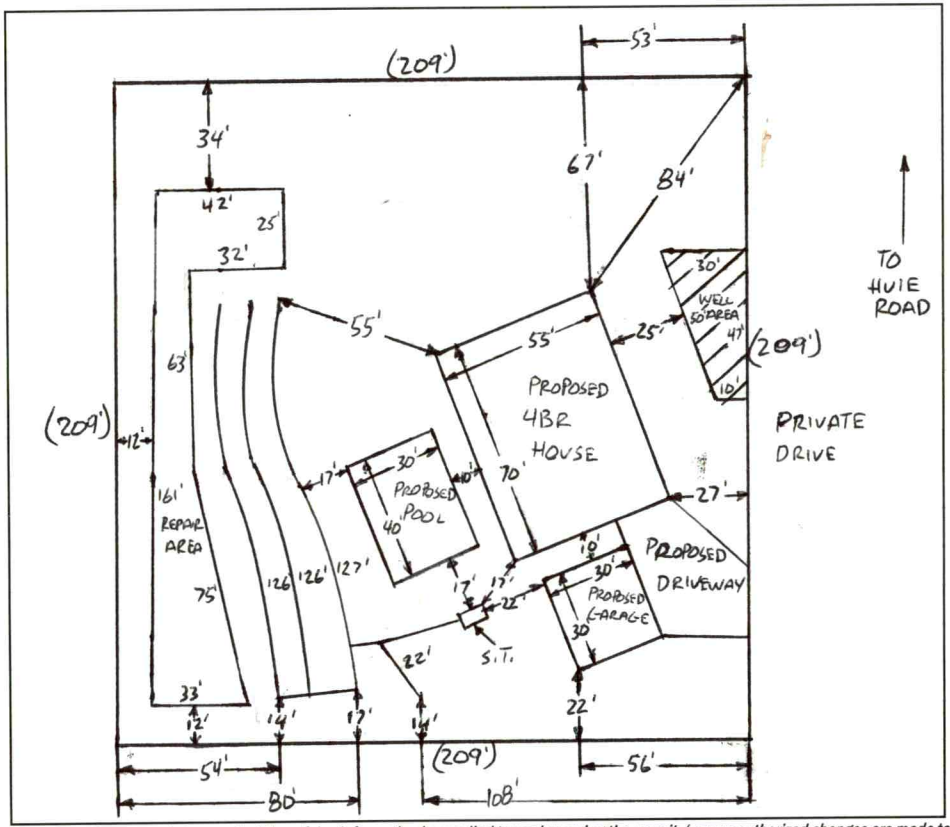
Usable Depth to LC (Repair): 45 IN

☑ Residence	No. Bedrooms	4	Water Supply
☐ Business	No. Persons	8	☐ Private
☐ Other	No. Employees	–	☑ Public
☐ Slab	☑ Crawl Space		☐ Community
☐ Basement w/plumbing			☐ Basement w/o plumbing

Limiting Condition

Comments / Conditions: INSTALL ON CONTOUR, INSTALL ON 9FT CENTERS, UTILIZE SERIAL DISTRIBUTION, DO NOT EXCEED A 33IN MAX TRENCH DEPTH(HIGHSIDE)

INITIAL SITE SKETCH



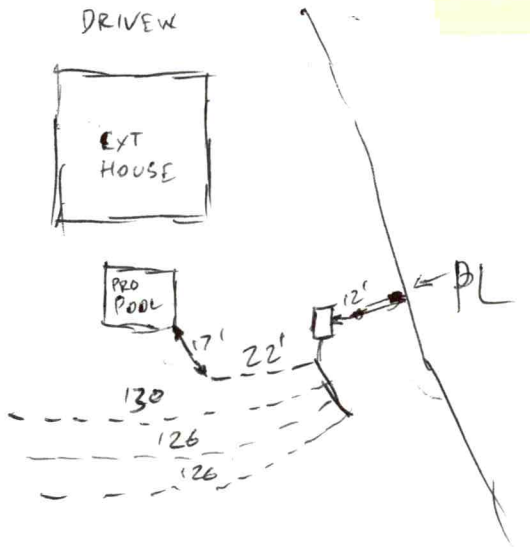
AS BUILT SKETCH

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.

1 IN = 60 FT

S.T. = SEPTIC TANK



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: SUMNEY SEPTIC ✓

IMPROVEMENT PERMIT by: Burnett C. White ✓ Date: 4-29-2024 OPERATION PERMIT by: Burnett C. White ✓ Date: 6-11-2024

AUTHORIZATION TO CONSTRUCT by: Burnett C. White ✓ Date: 4-29-2024 Existing System Inspected by: Date:

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 2
PROPERTY ID #: 4851-19-6410
COUNTY: IREDELL

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

OWNER: ELIZABETH GANTT — APPLICATION DATE: 10-16-2023
ADDRESS: 577 JERICHO ROAD, HARMONY, N.C. 28634 — DATE EVALUATED: 11-29-2023
PROPOSED FACILITY: 4BR — PROPOSED DESIGN FLOW (.1949): 480GPD — PROPERTY SIZE: 1.00 AC
LOCATION OF SITE: 139 HUIE ROAD, OLIN, N.C. 28660 — 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	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	SHOULDER 10%	0-10	SCL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT FEW FI MICA COMMON	45"	PS / II / SL	NA	PS .3
		10-28	C, SBK	FR, S, P, SEXP					
		28-45	CL, WABK	FR, SS, SP, SEXP					
		45-50	SAP, MAS	FR, NS, NP, SEXP					
2	SHOULDER 10%	0-5	SCL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT FEW FI MICA COMMON	40"	PS / II / SL	NA	PS .3
		5-25	C, SBK	FR, S, P, SEXP					
		25-40	CL, WABK	FR, SS, SP, SEXP					
		40-50	SAP, MAS	FR, NS, NP, SEXP					
3	LINEAR SIDE 10%	0-10	SCL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT FEW FI MICA COMMON	45"	PS / II / SL	N/A	PS .3
		10-25	C, SBK	FR, S, P, SEXP					
		25-45	CL, WABK	FR, SS, SP, SEXP					
		45-53	SAP, MAS	FR, NS, NP, SEXP					
4	LINEAR SIDE 10%	0-9	SCL, SBK	FR, SS, SP, SEXP	SAP INC THRU OUT FEW FI MICA COMMON	49"+	NA	NA	PS .3
		9-36	C, SBK	FR, S, P, SEXP					
		36-49	CL, MAS	FR, SS, SP, SEXP					

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

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

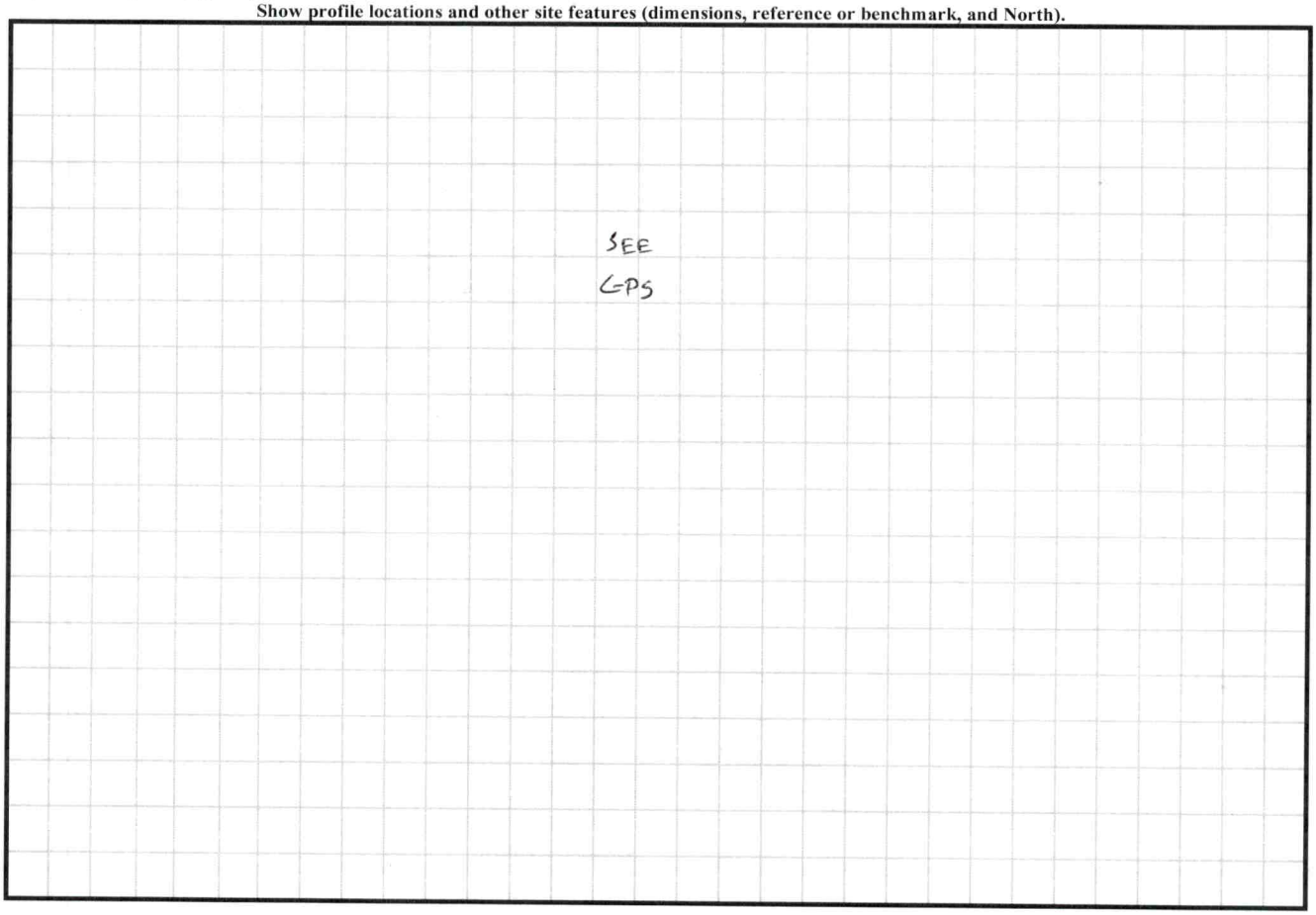
NOTES

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).



SOIL/SITE EVALUATION

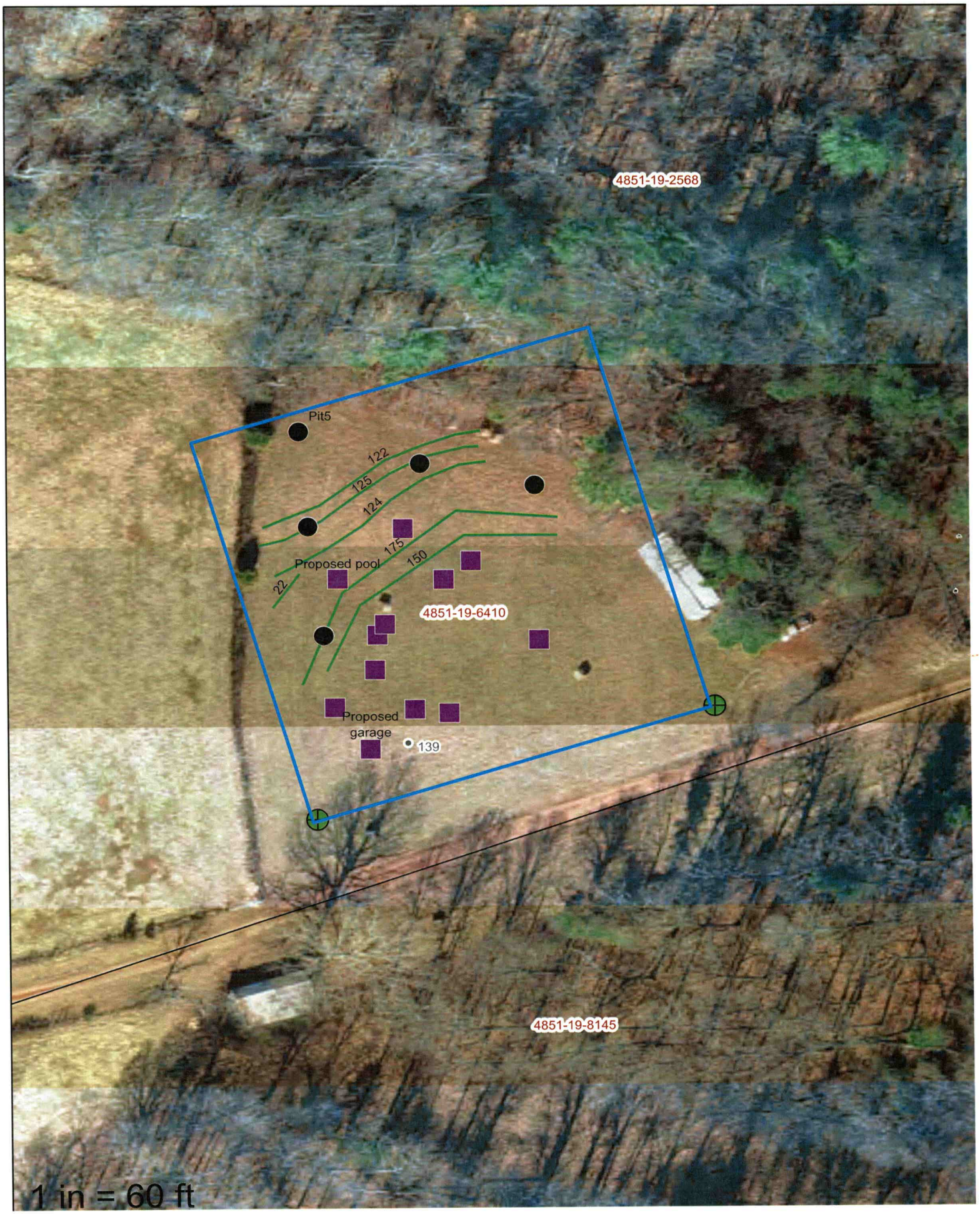
(Continuation Sheet-Complete all field in full)

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

PROPERTY ID #: 4851-19-6410
DATE OF EVALUATION: 4-16-2024
COUNTY: IREDELL

PROFILE #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY .0503 STRUCTURE/ TEXTURE	.0503 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .0504 SOIL WETNESS/ COLOR	.0506 SOIL DEPTH	.0507 SAPRO CLASS	.0508 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRECTION
		0 - 9	SCL, SBK	FR, SS, SP, SEXP			PS			
		9 - 31	C, SBK	FR, S, P, SEXP	SAP INC THRU OUT		TT		PS	
5	LINEAR SIDE 12%	31 - 47	CL, WSBK	FR, SS, SP, SEXP	MICA COMMON	47"	SL	N/A	.3	5"
		47 - 53	SAP, MAS	VFR, NS, NP, SEXP					50"	
									USABLE	

COMMENTS:


4851-19-2568
Pit5
122
125
124
175
150
22
Proposed pool
4851-19-6410
Proposed
garage
139
4851-19-8145
1 in = 60 ft

PERMIT SNAPSHOT REPORT OSWP-2024-50341 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	04/02/2024
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: re-layout left vm 4/3 spoke with builder, verifying marking 4/3. Visit site 4/9 per Bryant White - BM. Site visit, all ready -4/10/24 BM

Parcel: 4851196410.000 Main	**Address:** 139 Huie Rd Olin, NC 28660 Main	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent
JAYDEN A GANTT	David M Cline
577 JERICO RD	106 1st Ave S, P.O Box 909
HARMONY, NC 28634	Conover, NC 28613-2112
Business: (704) 902-6770	Mobile: (704) 470-7141

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Re-Layout/change septic permit (sys not installed)	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	55 by 70
What are the proposed structures	New Single-Family Residence - Stick Built	Type of New Single-Family Residence	Stick Built	Maximum Number of Bedrooms	4
If other Addition/Structure, please explain		Number of Occupants	8	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Water Supply	New Well	Desired Septic System Type	Conventional (most common)
Additional Unique Setbacks Apply	No				

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_David_Cline_4/2/2024.jpg	04/02/2024 8:39	Cline, David		Uploaded via CSS
Gantt Authorizaton-03252024141742_v1.pdf	04/02/2024 15:40	Cline, David	Available Online	
Gantt Re-Layout-04022024083754_v1.pdf	04/02/2024 15:40	Cline, David	Available Online	
Xerox Scan_04022024152543.pdf	04/02/2024 15:43	Hart, Ronda	Available Online	Existing septic permit

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-204807	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	04/10/2024	04/10/2024 0:00	04/10/2024 0:00	04/10/2024 11:14	04/10/2024 11:14

Inspectors: Moore, Bradley (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-00029070	Comprehensive Gravity System Re-layout	$500.00	$500.00
	Total for Invoice INV-00029070	$500.00	$500.00
	Grand Total for Permit	**$500.00**	**$500.00**

PERMIT SNAPSHOT REPORT (OSWP-2024-50341)

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		04/02/2024 15:44	04/02/2024 15:44
Confirm application complete v.1	Generic Action		04/02/2024 15:44
~~**Zoning Review v.1**~~			04/02/2024 15:45
~~Floodplain Admin Overview v.1~~	Task		04/02/2024 15:45
~~Issue Invoice v.1~~	Generic Action		04/02/2024 15:45
~~Fees Paid v.1~~	Generic Action		04/02/2024 15:45
Fees v.1		04/02/2024 15:45	04/03/2024 9:16
Issue Invoice v.1	Generic Action		04/02/2024 15:45
Fees Paid v.1	Generic Action		04/03/2024 9:16
Lot Readiness Verification v.1		04/10/2024 11:13	
OSWP Septic Preliminary Site Visit v.1	Inspection	04/10/2024 11:13	04/10/2024 11:14
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

PRELIMINARY INFORMATION ONLY
NOT FOR CONSTRUCTION

CLIENT APPROVAL

CLIENT INITIALS _____ DATE _____

CLIENT INITIALS _____ DATE _____

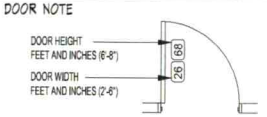
FLOOR PLAN NOTES

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, SIDINGS 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.

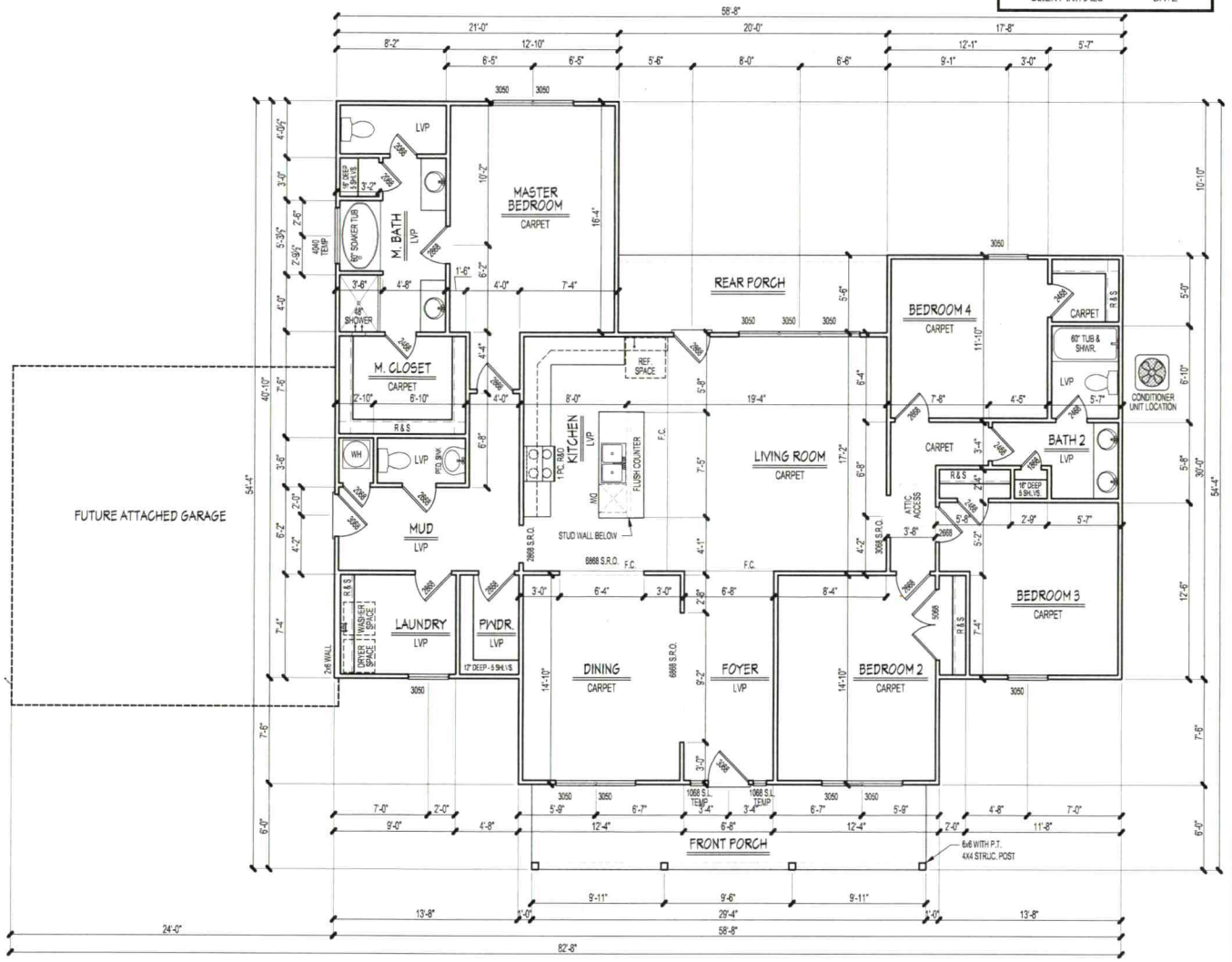
SQUARE FOOTAGES (APPROX.)

FIRST FLOOR	2113	SQ.FT.
TOTAL LIVING	2113	SQ.FT.
COVER FRONT PORCH	176	SQ.FT.
COVER REAR PORCH	110	SQ.FT.
TOTAL NON-LIVING	286	SQ.FT.
TOTAL UNDER ROOF	2399	SQ.FT.

DOOR NOTE



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 WITH OWNER
4. COORDINATE HARDWARE STYLE WITH OWNER
5. SEE ELEVATIONS FOR ADDITIONAL DOOR INFORMATION



Holloway Family HOMES

CHAPPELL HILL OFFICE
979-400-8622
805 W. MAIN ST.
"SUITE A"
FREDERICKSBURG, TX

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

CHAPPELL HILL BASE

Address ◆ City, State

FLOOR PLANS

REVISIONS

DESIGN NO: XX-XX-XXX
SCALE: 1/8" = 1'-0"
BASE PLAN NAME: CHAPPELL HILL
BASE PLAN LINE: TX. FARMHOUSE COLL.
DATE DRAWN: 08/06/22

A3.0