ICHD - ENVIRONMENTAL HEALTH DIVISION

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

SW ✓ PERMIT: OSWP-2024-64746 (MANF-2024-66160)

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

PIN # 4705-10-3852 ✓

APPLICANT/OWNER: VICKIE ADAMS | APPLICANT ADDRESS: 2600 HARDEN BOULEVARD, LAKELAND, FL, 30833

SITE ADDRESS: 114 HALLMARK ESTATES DRIVE, STATESVILLE, N.C. 28625 | PHONE: 678-232-4924 | ALT. PHONE: –

SITE DIRECTIONS: (W) ON 40, (R) ON OLD MOUNTAIN, (R) ON HALLMARK ESTATES, LOT ON (R) | SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: HALLMARK ESTATES ✓ | SECTION: 1 ✓ | LOT #: 35 ✓ | LOT AREA: 0.714AC | DESIGN FLOW: 360GPD | L.T.A.R.(Initial): 0.25 | L.T.A.R (Repair): 0.25

Septic Tank	1000 (gal)	STB		Date		☑ New System	☐ Repair	☐ Expansion	System Type: I (II) III IV V VI	☑ Residence	No. Bedrooms 3
Pump Tank	– (gal)	PT	–	Date	–	System Description:	25% REDUCTION			☐ Business	No. Persons 6
Pump Make	–	Model	–	Serial #	–	Repair System Description:	50% REDUCTION			☐ Other	No. Employees –
# Nitrification Fields	1	# Lines	4	Linear Ft	360 FT	Maintenance Agreement Required:	☐ YES	☑ NO		☐ Slab	☑ Crawl Space
Trench Width	36IN	*Max. Trench Depth(Initial)	24IN	*Max. Trench Depth(Repair)	24IN	Gravel Depth	–	☑ GRAVITY	☐ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing

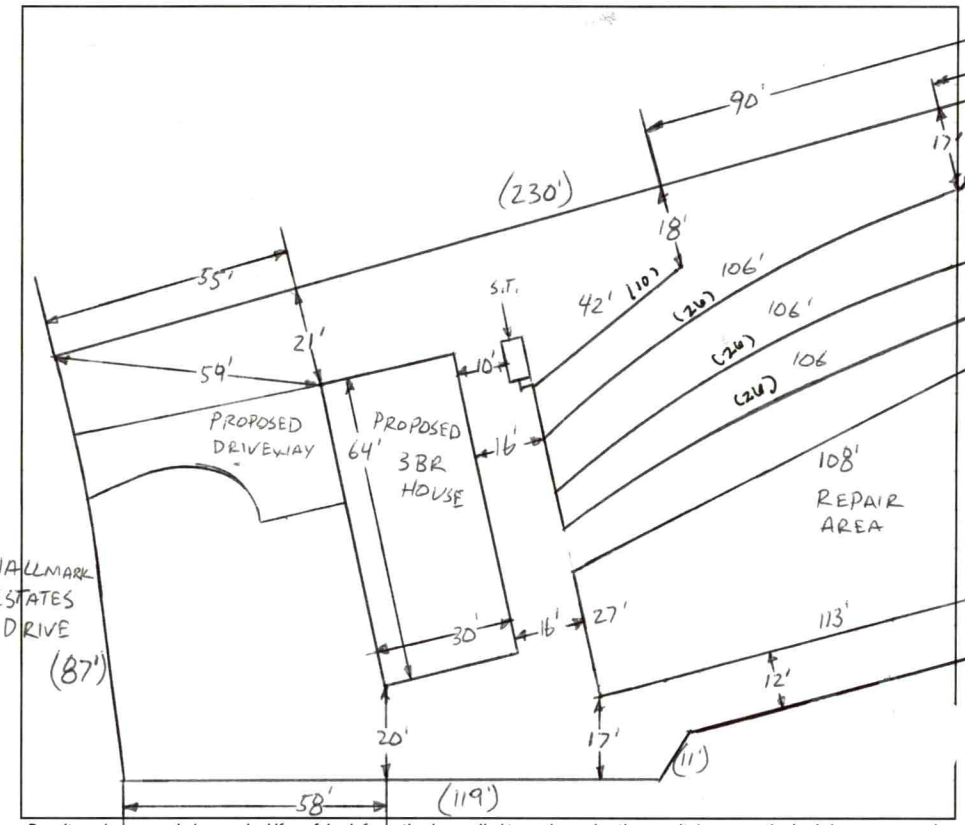
Water Supply: ☐ Private ☑ Public ☐ Community

* 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): 50 IN | Usable Depth to LC (Repair): 50 IN | *Limiting Condition*

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

LOT RECORDED IN DEED BOOK: 3103 PAGES: 1361-1364

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 = 40 FT

S.T. = SEPTIC TANK

Installed as shown

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: AI - Backhoe ✓

IMPROVEMENT PERMIT by: Bryant C. White ✓ | Date: 11-25-2024 | OPERATION PERMIT by: Sydney Holland ✓ | Date: 12/18/24

AUTHORIZATION TO CONSTRUCT by: Bryant C. White ✓ | Date: 12-9-2024 | 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

PROPERTY ID #: 4705-10-3851
COUNTY: IREDELL

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

OWNER: VICKIE ADAMS DATE EVALUATED: 11-20-2024
ADDRESS: 2600 HARDEN BOULEVARD, LAKELAND, FL. 30833
PROPOSED FACILITY: 3BR PROPOSED DESIGN FLOW (.0400): 360GPD PROPERTY SIZE: TBD
LOCATION OF SITE: 114 HALLMARK ESTATES DRIVE, STATESVILLE, N.C PROPERTY RECORDED: NO
WATER SUPPLY: ✓Public Single Family Well Shared Well Spring Other 28625 WATER SUPPLY SETBACK: 50
EVALUATION METHOD: Auger Boring ✓Pit Cut TYPE OF WASTEWATER: ✓Domestic High Strength IPWW

PROFILE #	.0502 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY .0503 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY .0503 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .0504 SOIL WETNESS/ COLOR	.0505 SOIL DEPTH	.0506 SAPRO CLASS	.0507 RESTR HORIZ	.0509 PROFILE CLASS & LTAR*	.0503 SLOPE CORRECTION
1										
2				SEE ATTACHED						
3										
4										

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	PS	PS
System Type(s)	25%	50%
Site LTAR	0.25	0.25
Maximum Trench Depth	24 IN	24 IN

SITE CLASSIFICATION (.0509): PS
EVALUATED BY: Bryant Chinnis
OTHER(S) PRESENT:

Comments: NO SOIL SHEET DAY OF PITS

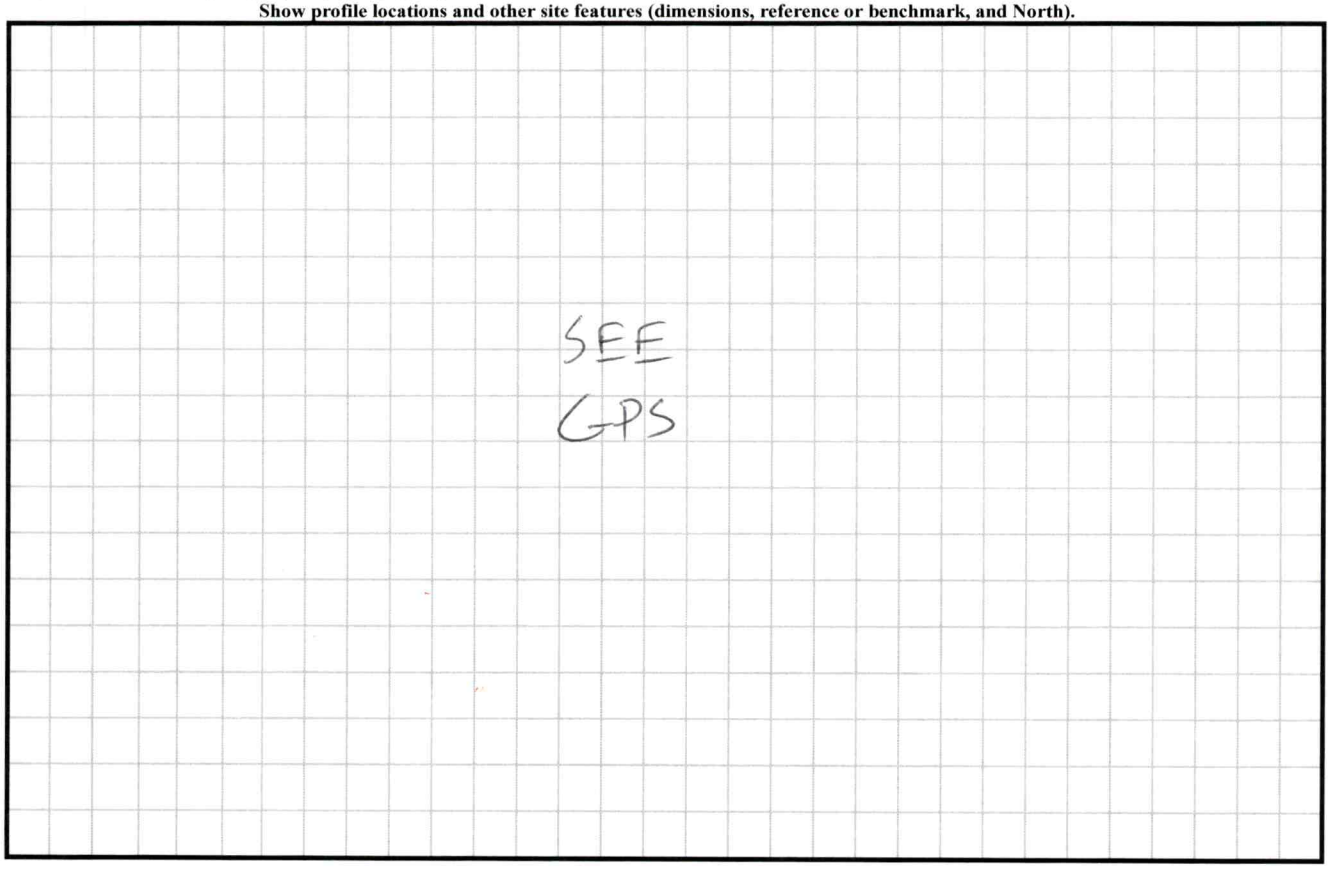
LEGEND

LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	M (Massive)
D (Drainage way)	II	SL (Sandy loam)	0.6 - 0.8	0.4 -0.6	0.3 - 0.4	VFR (Very friable)	SS (Slightly sticky)	GR (Granular)
FP (Flood plain)		L (Loam)		0.2 - 0.4		FR (Friable)	S (Sticky)	SBK (Subangular blocky)
FS (Foot slope)	III	SiL (Silt loam)	0.3 - 0.6	0.1 - 0.3	0.15 - 0.3	FI (Firm)	VS (Very sticky)	ABK (Angular blocky)
H (Head slope)		SCL (Sandy clay loam)		0.05 - 0.15**		VFI (Very firm)	NP (Non-plastic)	PR (Prismatic)
L (Linear Slope)		CL (Clay loam)		None		EFI (Extremely firm)	SP (Slightly plastic)	PL (Platy)
N (Nose slope)		SiCL (Silty clay loam)					P (Plastic)	
R (Ridge/summit)		Si (Silt)					VP (Very plastic)	
S (Shoulder slope)	IV	SC (Sandy clay)	0.1 - 0.4		0.05 - 0.2	SEXP (Slightly expansive)		
T (Terrace)		SiC (Silty clay)				EXP (Expansive)		
TS (Toe Slope)		C (Clay)						
		O (Organic)	None					

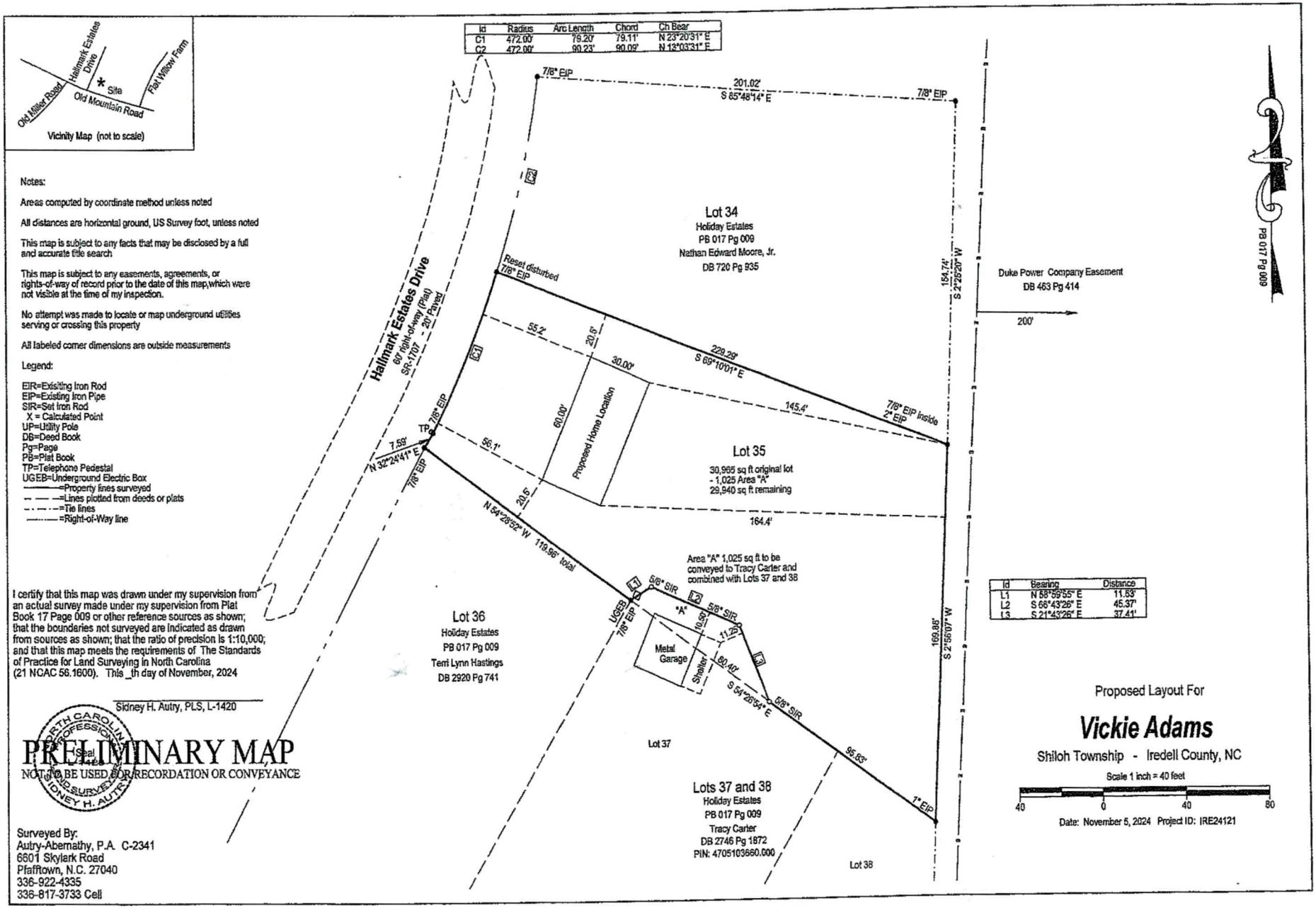
* Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.
**Sandy clay loam saprolite can only be used with advanced pretreatment in accordance with 15A NCAC 18E .1200.

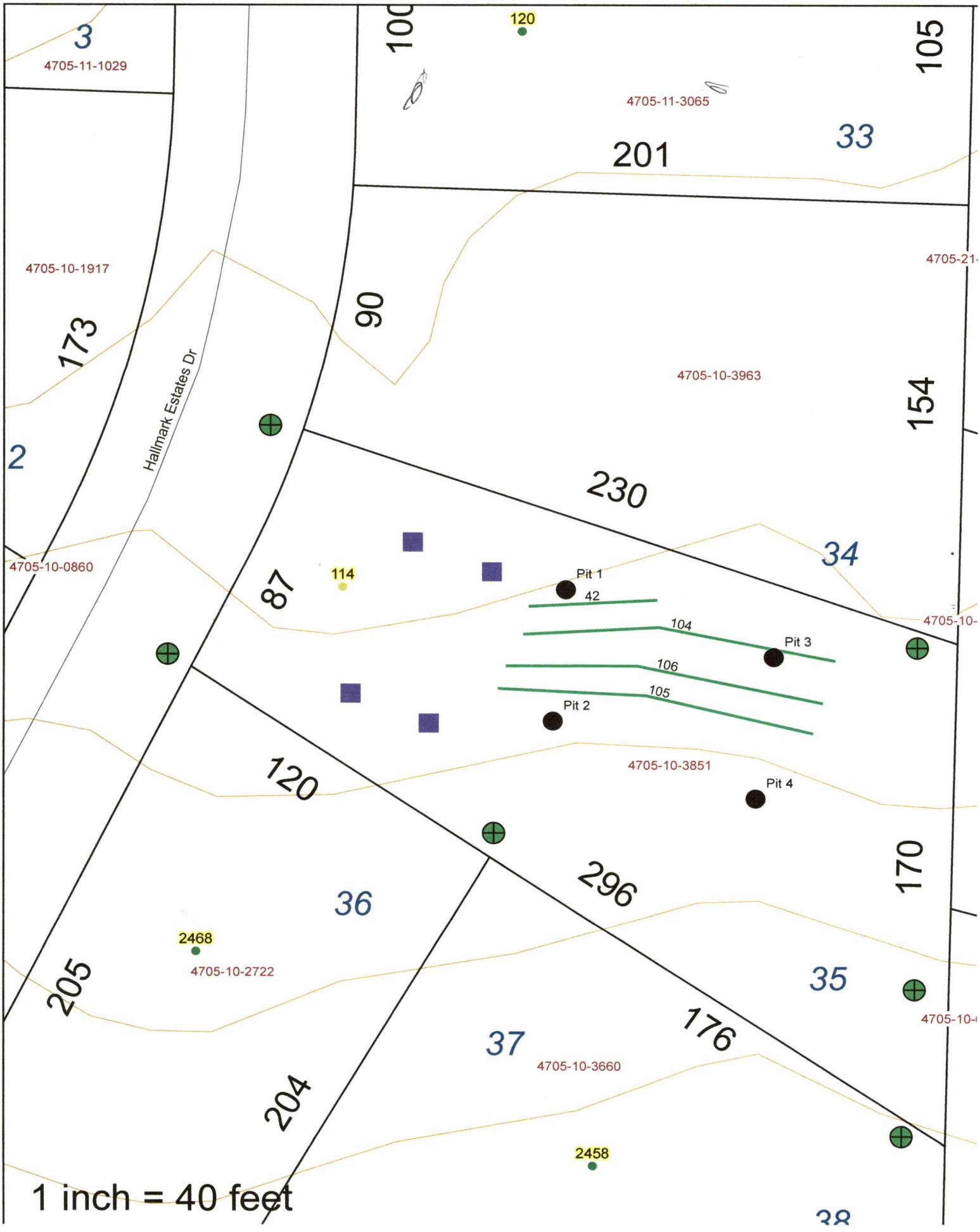
HORIZON DEPTH In inches below natural soil surface
DEPTH OF FILL In inches from land surface
RESTRICTIVE HORIZON Thickness and depth from land surface
SAPROLITE S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.
SOIL WETNESS Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
CLASSIFICATION S (Suitable) or U (Unsuitable)

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



PIT 1	LINEAR SIDE 3%	0-10 10-15 15-46 46-54	FILL SCL SBK C, SBK CL, WSBK	MIXED VFR, SS, SP, SEXP FR, S, P, SEXP F1, SS, SP, SEXP	FEW SAP INC THRU OUT R/B MATRIX MICA COMMON	54"+	NA	NA	PS .3
PIT 2	LINEAR SIDE 2%	0-7 7-38 38-50	FILL C, ABK CL, WSBK	MIXED FR, SS, P, SEXP F1, SS, SP, SEXP	R/B MATRIX FEW SAP INC Y/B MOTS 2.5Y 6/6's 2.5Y 6/4's 26"+	50"+	NA	NA	PS .25 24" LOWSIDE TRENCH BOTTOM
PIT 3	LINEAR SIDE 2%	0-10 10-29 29-53	FILL C, SBK CL, WSBK	MIXED FR, S, P, SEXP F1, SS, SP, SEXP	R/B MATRIX FEW SAP INC FEW Y/B MOTS 2.5Y 6/6 30"+	53"+	NA	NA	PS .275
PIT 4	LINEAR SIDE 3%	0-11 11-34 34-53	FILL C, ABK CL, WSBK	MIXED FR, S, P, SEXP F1, SS, SP, SEXP	R/B MATRIX FEW SAP INC FEW Y/B MOTS 2.5Y 6/6 32"+	53"+	NA	NA	PS .275


Vicinity Map (not to scale)
Old Miller Road
Hallmark Estates Drive
Site
Old Mountain Road
Flat Willow Farm
Id | Radius | Arc Length | Chord | Ch Bear
C1 | 472.00' | 79.20' | 79.11' | N 23°20'31" E
C2 | 472.00' | 90.23' | 90.09' | N 13°03'31" E
7/8" EIP
201.02'
S 85°48'14" E
7/8" EIP
Lot 34
Holiday Estates
PB 017 Pg 009
Nathan Edward Moore, Jr.
DB 720 Pg 935
Reset disturbed 7/8" EIP
Hallmark Estates Drive
60' Right-of-way (Plat)
SR-1707 - 20' Paved
55.2'
20.6'
30.00'
229.29'
S 69°10'01" E
145.4'
7/8" EIP Inside 2" EIP
154.74'
S 2°25'20" W
Duke Power Company Easement
DB 463 Pg 414
200'
PB 017 Pg 009
60.00'
Proposed Home Location
7/8" EIP
TP
7.59'
N 32°24'41" E
56.1'
Lot 35
30,965 sq ft original lot
- 1,025 Area "A"
29,940 sq ft remaining
164.4'
20.6'
N 54°28'52" W 119.96' total
Area "A" 1,025 sq ft to be conveyed to Tracy Carter and combined with Lots 37 and 38
5/8" SIR
7/8" EIP
UGEB
Lot 36
Holiday Estates
PB 017 Pg 009
Terri Lynn Hastings
DB 2920 Pg 741
"A"
10.58'
11.20'
5/8" SIR
Metal Garage
Shelter
80.40'
S 54°26'54" E
5/8" SIR
95.83'
7" EIP
169.86'
S 2°56'07" W
Lot 37
Lots 37 and 38
Holiday Estates
PB 017 Pg 009
Tracy Carter
DB 2746 Pg 1872
PIN: 4705103660.000
Lot 38
Id | Bearing | Distance
L1 | N 58°59'55" E | 11.53'
L2 | S 66°43'26" E | 45.37'
L3 | S 21°43'26" E | 37.41'
Notes:
Areas computed by coordinate method unless noted
All distances are horizontal ground, US Survey foot, unless noted
This map is subject to any facts that may be disclosed by a full and accurate title search
This map is subject to any easements, agreements, or rights-of-way of record prior to the date of this map,which were not visible at the time of my inspection.
No attempt was made to locate or map underground utilities serving or crossing this property
All labeled corner dimensions are outside measurements
Legend:
EIR=Existing Iron Rod
EIP=Existing Iron Pipe
SIR=Set Iron Rod
X = Calculated Point
UP=Utility Pole
DB=Deed Book
Pg=Page
PB=Plat Book
TP=Telephone Pedestal
UGEB=Underground Electric Box
=Property lines surveyed
=Lines plotted from deeds or plats
=Tie lines
=Right-of-Way line
I certify that this map was drawn under my supervision from an actual survey made under my supervision from Plat Book 17 Page 009 or other reference sources as shown; that the boundaries not surveyed are indicated as drawn from sources as shown; that the ratio of precision is 1:10,000; and that this map meets the requirements of The Standards of Practice for Land Surveying in North Carolina (21 NCAC 56.1600). This _th day of November, 2024
Sidney H. Autry, PLS, L-1420
NORTH CAROLINA PROFESSIONAL LAND SURVEYOR SIDNEY H. AUTRY
Seal L-1420
PRELIMINARY MAP
NOT TO BE USED FOR RECORDATION OR CONVEYANCE
Surveyed By:
Autry-Abernathy, P.A. C-2341
6601 Skylark Road
Pfafftown, N.C. 27040
336-922-4335
336-817-3733 Cell
Proposed Layout For
Vickie Adams
Shiloh Township - Iredell County, NC
Scale 1 inch = 40 feet
40 0 40 80
Date: November 5, 2024 Project ID: IRE24121


3
4705-11-1029
120
105
4705-11-3065
33
201
4705-10-1917
4705-21-
173
90
Hallmark Estates Dr
4705-10-3963
154
2
230
34
4705-10-0860
87
114
Pit 1
42
104
Pit 3
106
105
Pit 2
4705-10-
4705-10-3851
Pit 4
120
170
296
36
2468
4705-10-2722
205
35
4705-10-
176
37
4705-10-3660
204
2458
1 inch = 40 feet
38

PERMIT SNAPSHOT REPORT OSWP-2024-64746 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	11/05/2024
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:	new construction / mobile home.				

Parcel: 4705103851.000 Main	**Address:** 114 Hallmark Estates Statesville, NC 28625 Main	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent
Vickie Adams	Vickie S Adams
Home: (678) 232-4924	2600 Harden Blvd
Business: (678) 232-4924	Lakeland, FL 30833
Mobile: (678) 232-4924	Business: (678) 232-4924
	Mobile: (678) 232-4924

Permit Custom Fields

How is your site plan being submitted	Survey Plat	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	new construction
What are the proposed structures	Manufactured Home	Type of New Single-Family Residence	Mobile Home	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	3	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Water Supply	Municipal Water	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Pump Make		# of Nitrification Fields	
Model		Serial #		System Description	
Repair System Description		Comments/Conditions		Permit type(s)	Authorization to Construct
Has this project been approved by TRC	No	Lot Acreage	0.714	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
Zoning Notes/Addendums	REQUIREMENTS FOR AL MULTI -SECTIONAL MOBILE HOMES Must meet requirement R9 of the LDC. Minimum size of main body is at least 22 feet by 40 feet; Must have standard residential shingles; Minimum of 3/12 roof pitch; Must have continuous masonry underpinning; Must have minimum roof eave and raker projections of 6 inches; Must have a 36 square foot deck or porch		at all front entrances; Exterior siding must consist of vinyl or aluminum lap siding, wood, or hardboard, comparable in composition, appearance and durability to residential siding; Must remove towing apparatus; Must face front property line and be no more than 20 degrees from parallel to the front property line. Original mobile home must be removed before		Certificate of Occupancy can be approved.

PERMIT SNAPSHOT REPORT (OSWP-2024-64746)

Additional Unique Setbacks Apply	No	Watershed	WSIV PA CATAWBA/LAKE NORMAN

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Vickie_Adams_11/5/2024.jpg	11/05/2024 11:28	Adams, Vickie		Uploaded via CSS
NC Permit Iredell CDOE_v1.pdf	11/05/2024 11:49	Adams, Vickie	Available Online	
Xerox Scan_11072024111022_v1.pdf	11/07/2024 13:00	Fleming, Latasha	Available Online	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2024-263535	Requested	OSWP Septic/Well Preliminary Site Visit	11/12/2024	11/13/2024 0:00	11/13/2024 0:00		

Inspectors: Botkins, Ben (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-00037856	Iredell Zoning Tech Fee	$2.25	$2.25
	Iredell Zoning Permit Fee	$75.00	$75.00
	New Gravity System	$500.00	$500.00
	Total for Invoice INV-00037856	$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		11/07/2024 11:18	11/07/2024 11:18
Confirm application complete v.1	Generic Action		11/07/2024 11:18
Zoning Review v.1		11/07/2024 13:06	11/08/2024 15:54
~~Floodplain Admin Overview v.1~~	Task		11/07/2024 13:07
Iredell County Zoning Approval v.1	Task	11/07/2024 13:06	11/07/2024 13:07
Issue Invoice v.1	Generic Action		11/07/2024 13:07
Fees Paid v.1	Generic Action		11/08/2024 15:54
Fees v.1		11/07/2024 13:07	11/08/2024 15:54
Issue Invoice v.1	Generic Action		11/07/2024 13:07
Fees Paid v.1	Generic Action		11/08/2024 15:54
Lot Readiness Verification v.1		11/12/2024 11:16	
OSWP Septic Preliminary Site Visit v.1	Inspection	11/12/2024 11:16	11/12/2024 11:16
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		