ICHD - ENVIRONMENTAL HEALTH DIVISION

Manf-2025-81017

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

SW

PERMIT : OSWP 2025 - 78964

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

PIN # 3792-88-7114

APPLICANT/OWNER: Bobby & Donna Poston / Freedom Homes APPLICANT ADDRESS: 1124 Charlotte Hwy Troutman, NC 28166

SITE ADDRESS: 220 Deer Creek Trail Statesville, NC 28677 PHONE: 704 881-2326 ALT. PHONE 704-528-7960

SITE DIRECTIONS: Hwy 70 to Woodbrook to Deercreek at End in Culde SAC

SAP CONTROLLED: [X] YES [ ] NO

SUBDIVISION: - SECTION: - LOT # - LOT AREA: 13.8 Ac DESIGN FLOW: 480 L.T.A.R.(Initial): .30 L.T.A.R (Repair): .35

Septic Tank 1000 (gal) STB 760 Date

Pump Tank - (gal) PT - Date -

Pump Make - Model - Serial # -

Nitrification Fields 1 # Lines 7 Linear Ft 400

Trench Width 36 in *Max. Trench Depth(Initial) 28 in *Max. Trench Depth(Repair) 32 in Gravel Depth -

* Measured on the downhill side of the trench

[X] New System [ ] Repair [ ] Expansion System Type: I [II] III IV V VI

System Description: Gravity - 25% Reduction

Repair System Description: Gravity - 50% Reduction.

Maintenance Agreement Required: [ ] YES [X] NO

[X] GRAVITY [ ] PRESSURE

Effluent Standard: [X] DSE [ ] HSE [ ] TS-I [ ] TS-II [ ] RCW [ ] NSF/ANSI 40

Usable Depth to LC (Initial): 44

[X] Residence No. Bedrooms 4

[ ] Business No. Persons 8

[ ] Other No. Employees

[ ] Slab [X] Crawl Space

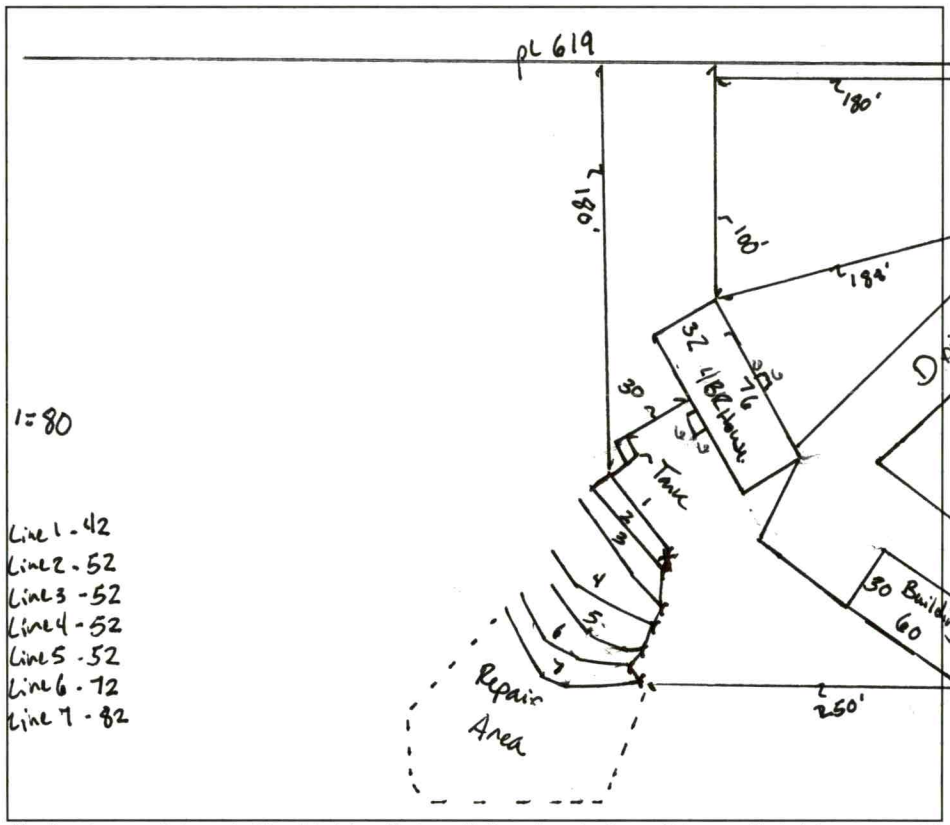
[ ] Basement w/ plumbing [ ] Basement w/o plumbing

Usable Depth to LC (Repair): 42 *Limiting Condition*

Water Supply: [X] Private [ ] Public [ ] Community

Comments / Conditions: Do not Drive, park, pave, grade or bury utilities in Drain field area. Do not exceed max depth of 32 inches. Install liner on the center of the land and utilize Serial Distribution.

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.

Installed as Drawn

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.* [X] **IMPROVEMENT PERMIT** *with site plan valid for 60 mos.* [X] **AUTHORIZATION TO CONSTRUCT** *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: Date: Installed by: Craig Thompson

IMPROVEMENT PERMIT by: Benjamin A Bolton Date: 7-17-2025 OPERATION PERMIT by: Craig Thompson Date: 11/7/25

AUTHORIZATION TO CONSTRUCT by: Benjamin A Bolton Date: 7-17-2025 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 #: 379297114
COUNTY: Iredell.

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

OWNER: Betty & Donna Poston / Freedom Homes. DATE EVALUATED: 7-17-25
ADDRESS: 220 Deer Creek Trail SVC.
PROPOSED FACILITY: 4/BR Home PROPOSED DESIGN FLOW (.0400): 480. PROPERTY SIZE: 13± AC
LOCATION OF SITE: 220 Deer Creek Trail. PROPERTY RECORDED: Yes. +
WATER SUPPLY: Public Single Family Well Shared Well Spring Other 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	Ridge.	0-10	C WSBK	SS Sp FR SPH	8-BYR 4/6.	44.	S	-	S .35	
		10-24	CL WSBK	SS Sp FR						
		24-63	L SAP M	SS Sp FR						
2	Ridge Nose.	0-16	C SBK.	SSSp	" "	46.	S	-	S .35	
		16-26	CL WSBK	SSSp						
		26-66	L SAP M	SS Sp						
3	Ridge nose	0-36	C SBK	SSSp	" "	56.	S	-	S .30	
		36-44	CL WSBK	SSSp						
		44-68	L SAP M	SS NP						
4	Nose.	0-27	C SBK.	SSSp	" "	47.	S	-	S .30	
		27-35	CL SBK	SSSp						
		35-62	L SAP M	NS NP.						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	400	~~350~~
System Type(s)	11	11
Site LTAR	.30	.35
Maximum Trench Depth	38	32

SITE CLASSIFICATION (.0509): S
EVALUATED BY: Bolkins
OTHER(S) PRESENT:

Comments:

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

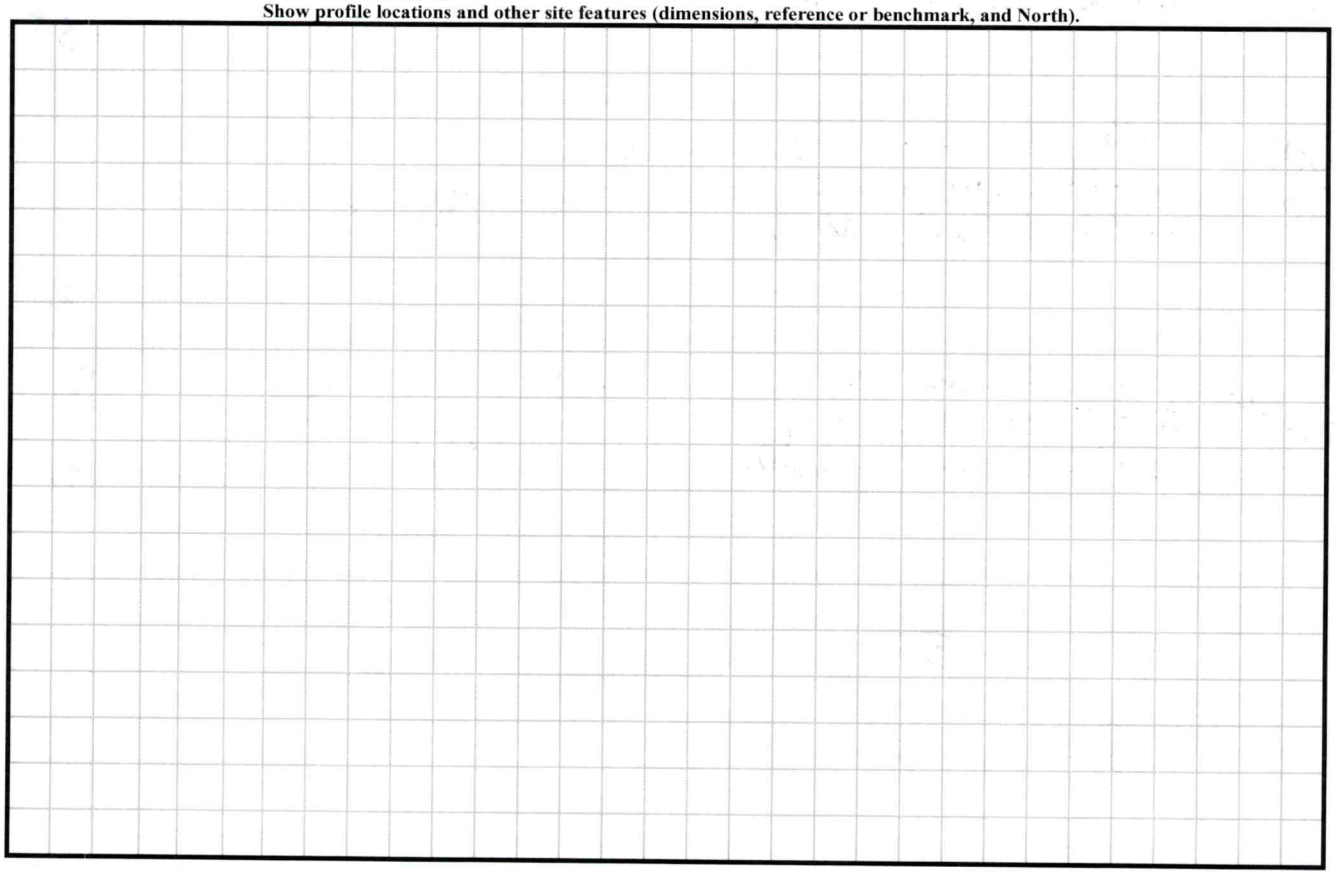
RESTRICTIVE HORIZON Thickness and depth from land surface

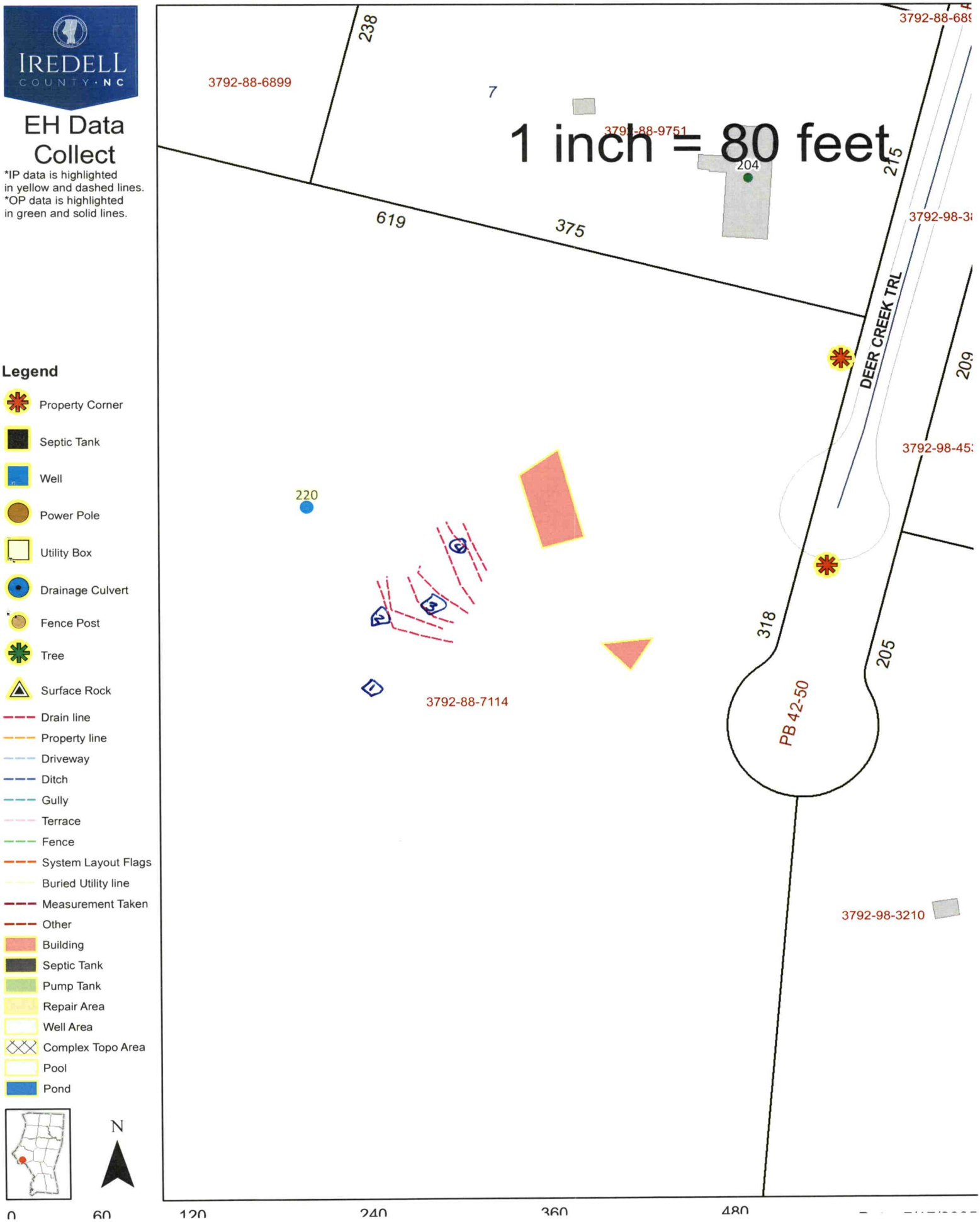
SAPROLITE S(suitable) or U(unsuitable); Evaluation of saprolite shall be by pits.

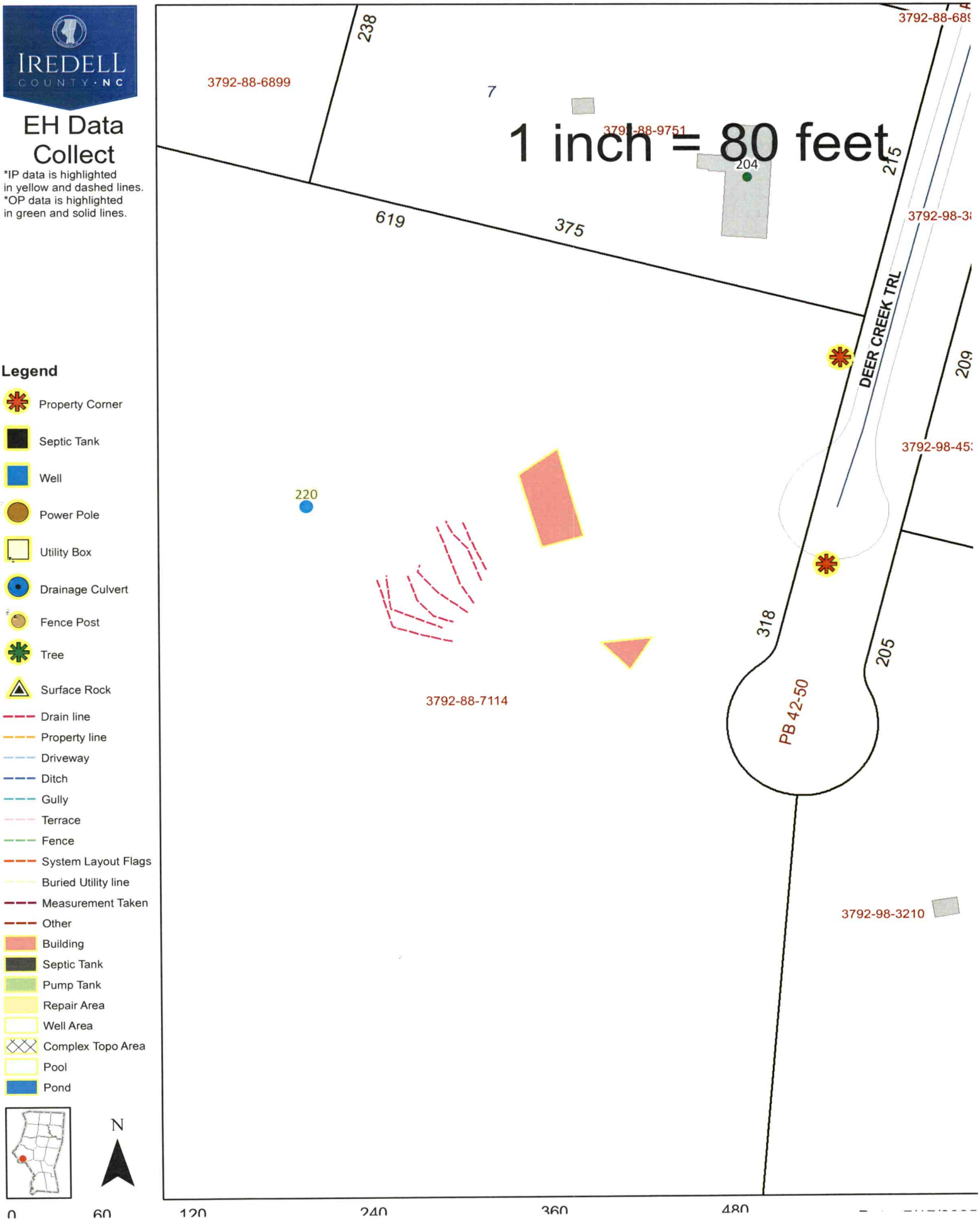
SOIL WETNESS Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation

CLASSIFICATION S (Suitable) or U (Unsuitable)

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




IREDELL
COUNTY · NC
EH Data Collect
*IP data is highlighted in yellow and dashed lines.
*OP data is highlighted in green and solid lines.
1 inch = 80 feet
3792-88-6899
3792-88-9751
3792-88-7114
3792-98-3210
238
619
375
215
209
205
318
204
220
DEER CREEK TRL
PB 42-50
Legend
Property Corner
Septic Tank
Well
Power Pole
Utility Box
Drainage Culvert
Fence Post
Tree
Surface Rock
Drain line
Property line
Driveway
Ditch
Gully
Terrace
Fence
System Layout Flags
Buried Utility line
Measurement Taken
Other
Building
Septic Tank
Pump Tank
Repair Area
Well Area
Complex Topo Area
Pool
Pond
N
0
60
120
240
360
480


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Buried Utility line
Measurement Taken
Other
Building
Septic Tank
Pump Tank
Repair Area
Well Area
Complex Topo Area
Pool
Pond
N
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360
480

PERMIT SNAPSHOT REPORT OSWP-2025-78964 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	06/27/2025
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:**	Botkins, Ben	**Approval Expire Date:**	
Description:	*see internal notes* NEW 32X76 DOUBLE WIDE MOBILE HOME WITH FRONT AND BACK 6X6 DEC NEW WELL AND NEW SEPTIC				

Parcel: 3792887114.000 Main	**Address:** 220 Deer Creek Trl Statesville, NC 28677 Main	**Zone:** RA(Residential Agricultural District)

Property Owner	Applicant/Authorized Agent	Applicant/Authorized Agent
BOBBY R+DONNA POSTON	FREEDOM HOMES #667 FREEDOM HOMES-TROUTMA #667- USE THIS ONE FREEDOM 1124 CHARLOTTE HWY TROUTMAN, NC 28166 Business: (704) 881-2326	FREEDOM HOMES OF TROUTMAN(MOD BOND) Home: (704) 528-7960 Business: (704) 528-7960

Permit Custom Fields

How is your site plan being submitted	Custom Site Plan	Septic Application/Permit Type	Authorization to Construct	Does the site contain any jurisdictional wetlands	No
Non-domestic Sewage Generated	No	Other Public Agency	No	All proposed structure dimensions	NEW 32X76 DOUBLE WIDE MOBILE HOME WIT FRONT AND BACK 6Z6 DECKS
What are the proposed structures	New Single-Family Residence - Mobile Home	Type of New Single-Family Residence	Mobile Home	Maximum Number of Bedrooms	4
If other Addition/Structure, please explain		Number of Occupants	3	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Water Supply	New Well	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Permit type(s)	Authorization to Construct	Has this project been approved by TRC	No
Lot Acreage	13.86	Front Setback	35	Back Setback	35
Left Setback	15	Lake/Stream Setback	50	Right Setback	15
Zoning Permit Issued Date	Jul 1 2025 12:00AM	Zoning Permit Expiration Date	Dec 28 2025 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	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. Lots with a perennial stream: Must meet both the 50-foot setback from the streambank and the 35-foot setback from the rear property line for any structure. DO NOT BUILD IN FLOODPLAIN.	Additional Unique Setbacks Apply	Yes	Watershed	WSIV PA CATAWBA/LAKE NORMAN

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_FREEDOM_HOMES-TROUTMAN_6/27/2025.jpg	06/27/2025 13:20	Kimberly Frye, Freedom Homes	Available Online	Uploaded via CSS per email 338 is property line measurement not address.
A1-Authorize to Act as Agent_v1.pdf	06/27/2025 15:44	Kimberly Frye, Freedom Homes	Available Online	
HOGUE FLOOR PLAN_v1.pdf	06/27/2025 15:44	Kimberly Frye, Freedom Homes	Available Online	
Houge Josh NEW PLOT PLAN USE THIS ONE .pdf	07/03/2025 8:35	Sloan, Chrystal		
EMAIL STATING 338 IS NOT ADDRESS BUT LENGTH OF PROPERTY LINE.pdf	07/03/2025 8:39	Sloan, Chrystal		

Note	Created By	Date and Time Created
1. Needs HB marked	Bradley Moore	07/09/2025 14:06

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00046838	New Gravity System	$500.00	$500.00
	Iredell Zoning Permit Fee	$75.00	$75.00
	Iredell Zoning Tech Fee	$2.25	$2.25
	Total for Invoice INV-00046838	$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		06/30/2025 9:40	06/30/2025 9:40
Confirm application complete v.1	Generic Action		06/30/2025 9:40
Zoning Review v.1		06/30/2025 9:41	07/08/2025 8:30
~~Floodplain Admin Overview v.1~~	Task		06/30/2025 9:40
Iredell County Zoning Approval v.1	Task	06/30/2025 9:41	07/03/2025 8:36
Issue Invoice v.1	Generic Action		07/03/2025 9:05
Fees Paid v.1	Generic Action		07/08/2025 8:30
Fees v.1		07/08/2025 8:30	07/08/2025 8:30
Issue Invoice v.1	Generic Action		07/08/2025 8:30
Fees Paid v.1	Generic Action		07/08/2025 8:30

PERMIT SNAPSHOT REPORT (OSWP-2025-78964)

Lot Readiness Verification v.1	
OSWP Septic Preliminary Site Visit v.1	Inspection
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