Manf-2025-69950

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 - 2025-67609

PIN # 4799-04-4991

APPLICANT/OWNER: FREEDOM HOMES TROUTMAN

APPLICANT ADDRESS: 1124 CHARLOTTE HIGHWAY, TROUTMAN, N.C. 28166

SITE ADDRESS: 1096 EAST MEMORIAL HIGHWAY, HARMONY, N.C. 28634

PHONE: 704-881-2326 ALT. PHONE 704-528-7960

SITE DIRECTIONS: (N) ON 21, (R) ON 901, LOT ON (R)

SAP CONTROLLED: [x] YES [ ] NO

SUBDIVISION: FLAGLER PROPERTY SECTION: — LOT # 1 LOT AREA: 1.15 AC DESIGN FLOW: 360 GPD L.T.A.R.(Initial): 0.3 L.T.A.R (Repair): 0.25

Septic Tank	1000 (gal)	STB	1012	Date	—	[x] 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:	25% REDUCTION		
# Nitrification Fields	1	# Lines	3	Linear Ft	302FT	Maintenance Agreement Required:	[ ] YES	[x] NO	
Trench Width	36 IN	*Max. Trench Depth(Initial)	27 IN	*Max. Trench Depth(Repair)	27 IN	Gravel Depth	—	[x] GRAVITY	[ ] PRESSURE

* Measured on the downhill side of the trench

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

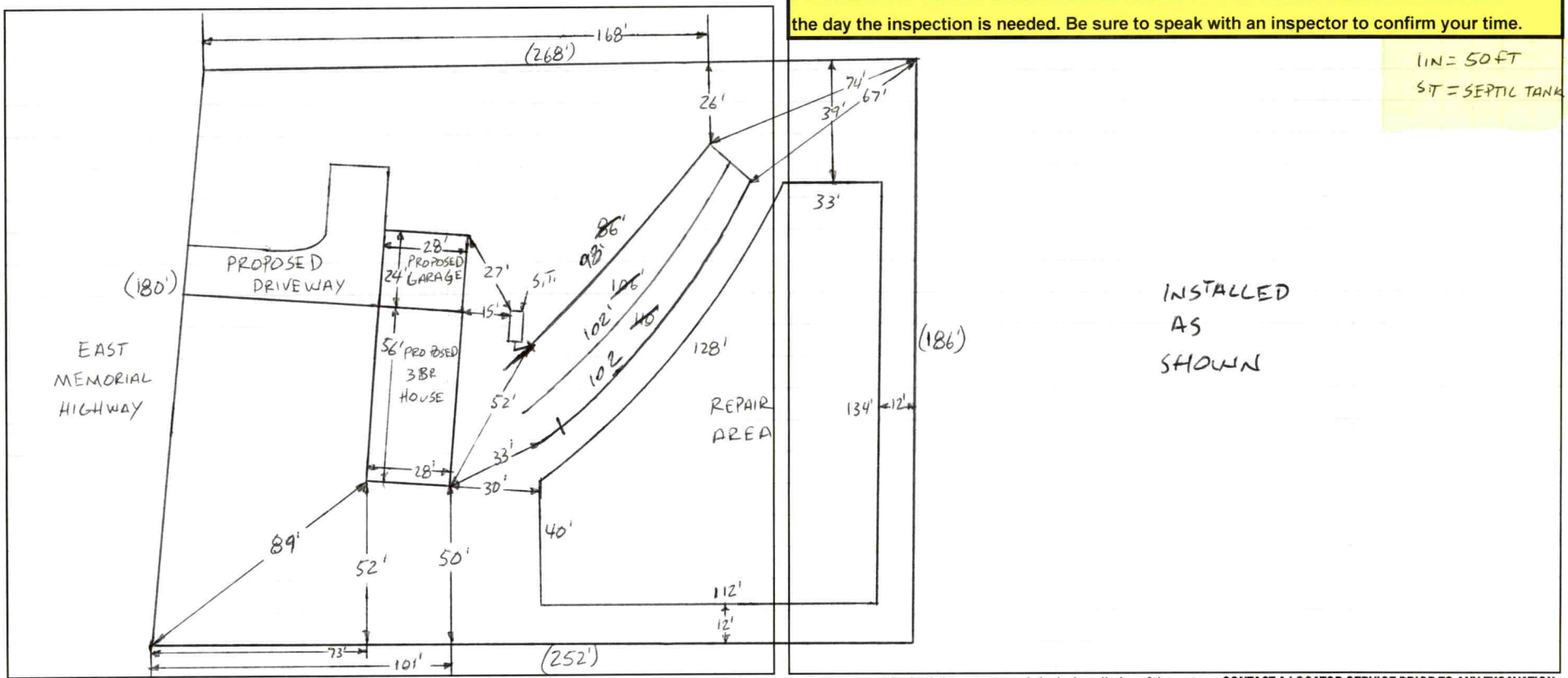
Usable Depth to LC (Initial): 33 IN Usable Depth to LC (Repair): 33 IN *Limiting Condition*

[x] Residence No. Bedrooms 3
[ ] Business No. Persons 6
[ ] Other No. Employees —
[ ] Slab [x] Crawl Space
[ ] Basement w/plumbing [ ] Basement w/o plumbing

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

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

INSTALLED AS SHOWN

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.

1IN = 50FT

ST = 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.* [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: ONLINE SIGNATURE Date: — Installed by: FRYE GRADING

IMPROVEMENT PERMIT by: Bryant C. White Date: 1-28-2025 OPERATION PERMIT by: Bryant C. White Date: 4-9-2025

AUTHORIZATION TO CONSTRUCT by: Bryant C. White Date: 1-28-2025 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 #: 4799-04-4991
COUNTY: IREDELL

SOIL/SITE EVALUATION *for* ON-SITE WASTEWATER SYSTEM

(Complete all fields in full)

OWNER: FREEDOM HOMES TROUTMAN DATE EVALUATED: 1-15-2025
ADDRESS: 1124 CHARLOTTE HIGHWAY, TROUTMAN, N.C. 28166
PROPOSED FACILITY: 3BR PROPOSED DESIGN FLOW (.0400): 360GPD PROPERTY SIZE: 1.15 AC
LOCATION OF SITE: 1096 EAST MEMORIAL HIGHWAY, HARMONY, N.C. 28634 PROPERTY RECORDED: YES
WATER SUPPLY: ✓ Public Single Family Well Shared Well Spring Other _____ WATER SUPPLY SETBACK: 50 FT
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	FOOT 10%	0-14	SLL NSBK	VFR, SS, SP, SEXP	-COLLUVIAL R/B MATRIX FEW SAP INC FEW Y/B, MOTS 48+	53"+	NA	NA	PS .25 TOPO	4"
		14-44	L, SBK	FR, S, P, SEXP						
		44-53	CL, WSBK	FR, SS, SP, SEXP						
2	LINEAR SIDE 8%	0-6	SCL, WSBK	FR, SS, SP, SEXP	R/B MATRIX FEW SAP INC	58"+	NA	NA	PS .3	3"
		6-36	L, SBK	FR, S, P, SEXP						
		36-58	CL, WSBK	FR, SS, SP, SEXP						
3	HEDD 12%	0-14	SCL, WSBK	FR, SS, SP, SEXP	-COLLUVIAL R/B MATRIX SAP INC COMMON	60"+	NA	NA	PS .3	5"
		14-37	L, SBK	FR, S, P, SEXP						
		37-60	CL, WSBK	FR, SS, SP, SEXP						
4	NOSE 9%	0-16	L, SBK	FR, S, P, SEXP	R/B MATRIX SAP INC COMMON LITHO 35"+	35"	PS II SL	NA	PS .325 45" OF USABLE	3.5"
		16-35	CL, WSBK	FR, SS, SP, SEXP						
		35-55	SAP, MAS	FR, NS, NP, SEXP						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.0508)	PS	PS
System Type(s)	25%	25%
Site LTAR	0.3	0.25
Maximum Trench Depth	27 IN	27 IN

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

Comments: _____

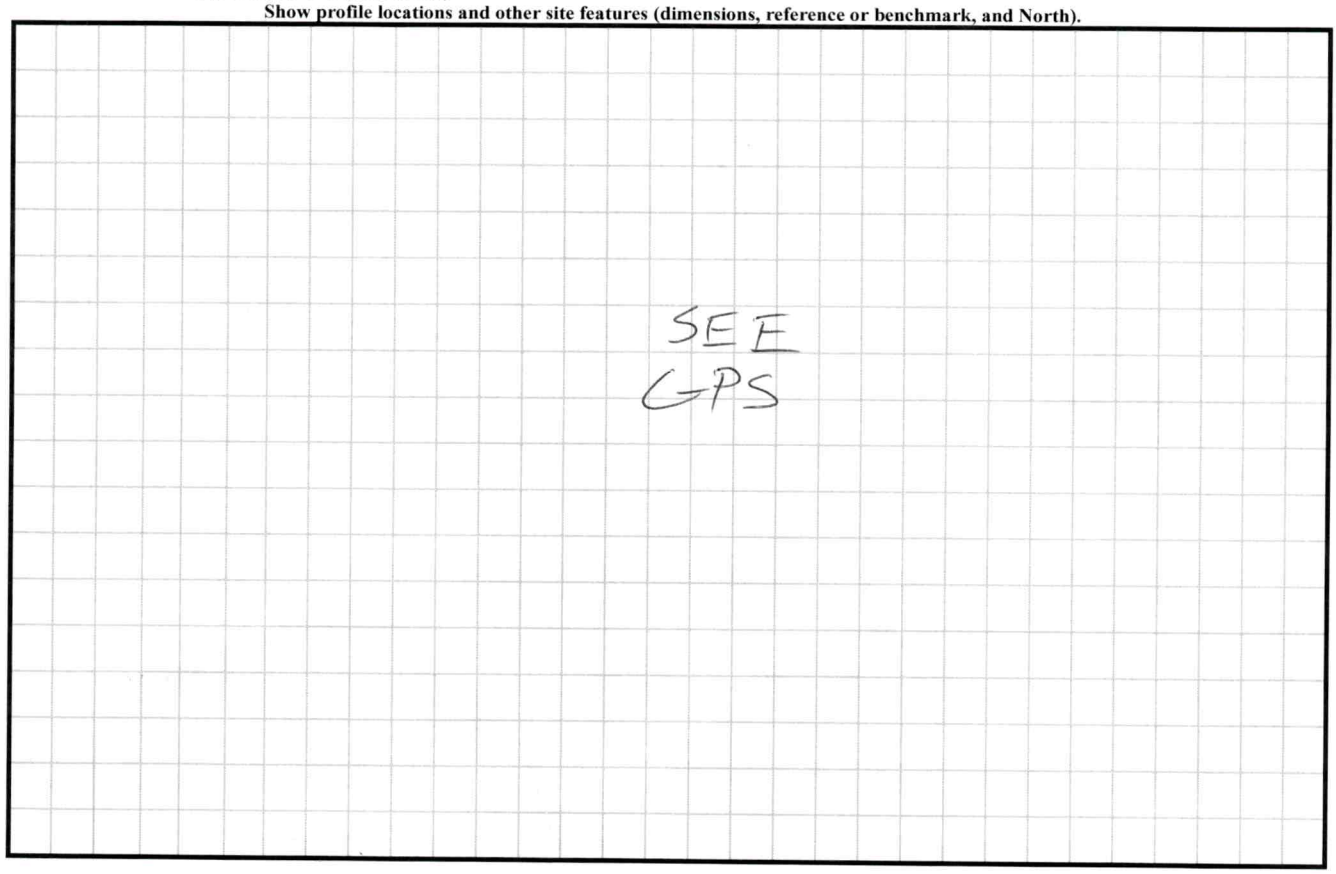
LEGEND

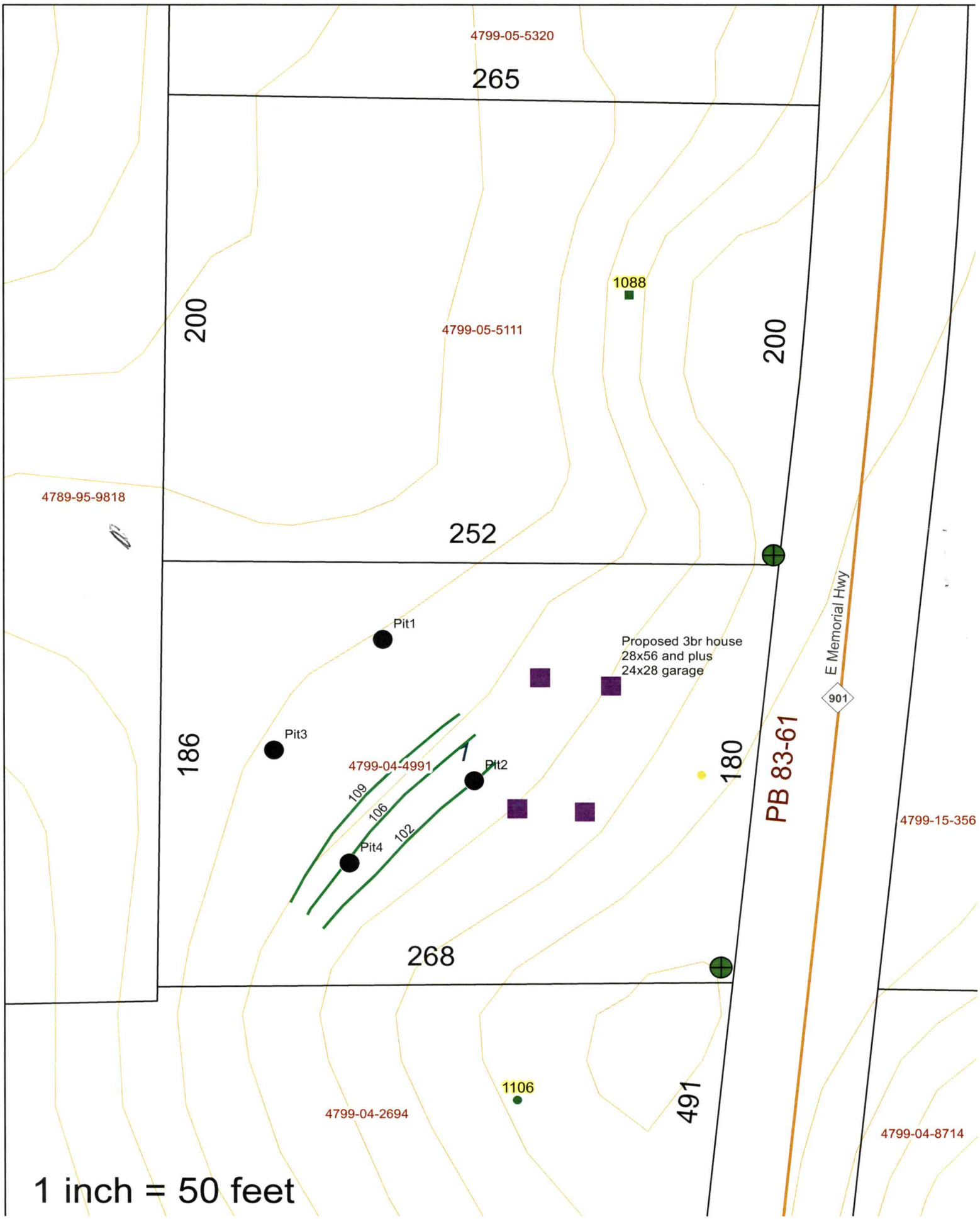
LANDSCAPE POSITION	SOIL GROUP	SOIL TEXTURE	CONVENTIONAL LTAR (gpd/ft²)	SAPROLITE LTAR (gpd/ft²)	LPP LTAR (gpd/ft²)	MINERALOGY/ CONSISTENCE		STRUCTURE
CC (Concave slope)	I	S (Sand)	0.8 - 1.2	0.6 - 0.8	0.4 -0.6	MOIST	WET	SG (Single grain)
CV (Convex Slope)		LS (Loamy sand)		0.5 -0.7		Lo (Loose)	NS (Non-sticky)	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).




4799-05-5320
265
200
4799-05-5111
1088
200
4789-95-9818
252
Pit1
Proposed 3br house
28x56 and plus
24x28 garage
E Memorial Hwy
901
186
Pit3
4799-04-4991
109
106
102
Pit2
Pit4
180
PB 83-61
4799-15-356
268
1106
491
4799-04-2694
4799-04-8714
1 inch = 50 feet

PERMIT SNAPSHOT REPORT OSWP-2025-67609 FOR IREDELL COUNTY

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	01/02/2025
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:**	White, Bryant	**Approval Expire Date:**	
Description:	INSTALLING A 28X56 DOUBLEWIDE MOBILE HOME WITH FRONT STEPS AND SIDE 6X6 WOOD , BACK 8X10 DECK, NEEDING TO APPLY FOR A 3 BEDROOM SEPTIC SYSTEM, LOT HAS COUNT WATER				

Parcel: 4799044991.000 Main	**Address:** 1096 E Memorial Hwy Memorial Harmony, NC 28634 Main	**Zone:** RA(Residential Agricultural District)

Applicant/Authorized Agent FREEDOM HOMES #667 FREEDOM HOMES-TROUTMA #667- USE THIS ONE FREEDOM 1124 CHARLOTTE HWY TROUTMAN, NC 28166 Business: (704) 881-2326	Applicant/Authorized Agent FREEDOM HOMES #667 FREEDOM HOMES-TROUTMA #667- USE THIS ONE FREEDOM 1124 CHARLOTTE HWY TROUTMAN, NC 28166 Business: (704) 881-2326	Applicant/Authorized Agent FREEDOM HOMES OF TROUTMAN(MOD BOND) Home: (704) 528-7960 Business: (704) 528-7960	Property Owner Carole Flagler 1106 E Memorial Hwy Harmony, NC 28634

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	28X56 DOUBLE WIDE, STEPS ON FRONT, 6X6 WOOD SIDE DECK AND 8X10 BACK DECK
What are the proposed structures	New Single-Family Residence - Mobile Home	Type of New Single-Family Residence	Mobile Home	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	4	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Water Supply	Other Public 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	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.	Additional Unique Setbacks Apply	No	Watershed	NOT IN A WATERSHED

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_FREEDOM_HOMES-TROUTMAN_1/2/2025.jpg	01/02/2025 11:52	Kimberly Frye, Freedom Homes		Uploaded via CSS
STINETT AUTH TO ACT_v1.pdf	01/02/2025 12:07	Kimberly Frye, Freedom Homes	Available Online	
STINETT SURVEY_v1.pdf	01/02/2025 12:08	Kimberly Frye, Freedom Homes	Available Online	
STINETT FLOOR PLAN_v1.pdf	01/02/2025 16:56	Kimberly Frye, Freedom Homes	Available Online	
STINETT PLOT PLAN_v1.pdf	01/03/2025 13:25	Kimberly Frye, Freedom Homes	Available Online	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2025-274832	Requested	OSWP Septic/Well Preliminary Site Visit	01/07/2025	01/08/2025 0:00	01/08/2025 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-00039550	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-00039550	$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		01/02/2025 12:08	01/02/2025 12:08
Confirm application complete v.1	Generic Action		01/02/2025 12:08
Zoning Review v.1		01/03/2025 13:43	01/06/2025 8:30
~~Floodplain Admin Overview v.1~~	Task		01/03/2025 13:42
Iredell County Zoning Approval v.1	Task	01/03/2025 13:43	01/06/2025 8:30
Issue Invoice v.1	Generic Action		01/03/2025 13:43
Fees Paid v.1	Generic Action		01/06/2025 8:22

PERMIT SNAPSHOT REPORT (OSWP-2025-67609)

Fees v.1		01/03/2025 13:44	01/06/2025 8:22
Fees Paid v.1	Generic Action		01/06/2025 8:22
Issue Invoice v.1	Generic Action		01/03/2025 13:44
Lot Readiness Verification v.1		01/07/2025 12:45	
OSWP Septic Preliminary Site Visit v.1	Inspection	01/07/2025 12:45	01/07/2025 12:45
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		

I, BRIAN ALDERMAN, PLS, CERTIFY THAT THIS PLAT WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION RECORDED IN BOOK 2983 PAGE 289); THAT THE BOUNDARIES NOT SURVEYED ARE CLEARLY INDICATED AS DRAWN FROM INFORMATION FOUND IN THE LISTED REFERENCES; THAT THE RATIO OF PRECISION AS CALCULATED EXCEEDS 1:10,000; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH G.S. 47-30 AS AMENDED. WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS 13 TH DAY OF DECEMBER, 2024

I ALSO CERTIFY TO ONE OR MORE OF THE FOLLOWING AS INDICATED:

__ A. THAT THIS PLAT IS A SURVEY THAT CREATES A SUBDIVISION OF LAND WITHIN THE AREA OF A COUNTY OR MUNICIPALITY THAT HAS AN ORDINANCE THAT REGULATES PARCELS OF LAND;
__ B. THAT THIS PLAT IS A SURVEY THAT IS LOCATED IN SUCH PORTION OF A COUNTY OR MUNICIPALITY THAT IS UNREGULATED AS TO AN ORDINANCE THAT REGULATES PARCELS OF LAND;
X_ C. THAT THIS PLAT IS OF AN EXISTING PARCEL(S) OF LAND AND DOES NOT CREATE A NEW STREET OR CHANGE AN EXISTING STREET.
__ D. THAT THIS PLAT IS A SURVEY OF ANOTHER CATEGORY, SUCH AS THE RECOMBINATION OF EXISTING PARCELS, A COURT-ORDERED SURVEY OR OTHER EXCEPTION TO THE DEFINITION OF SUBDIVISION;
__ E. THAT THE INFORMATION AVAILABLE TO THIS SURVEYOR IS SUCH THAT I AM UNABLE TO MAKE A DETERMINATION TO THE BEST OF MY PROFESSIONAL ABILITY AS TO PROVISIONS CONTAINING IN A THROUGH D ABOVE

NORTH CAROLINA PROFESSIONAL LAND SURVEYOR BRIAN A. ALDERMAN SEAL L-5517

BRIAN ALDERMAN, PLS # L-5517

SURVEY NOTES:

1. THIS PROPERTY IS SUBJECT TO THE MAINTENANCE OF ANY PUBLIC UTILITIES EVIDENT AND NOT EVIDENT AND TO ANY RIGHTS-OF-WAY, EASEMENTS, OR AGREEMENTS OF RECORD PRIOR TO OR AT THE DATE OF SURVEY.
2. THE CLIENT ACKNOWLEDGES THAT NO TITLE SEARCH OR OPINION OF TITLE OR OWNERSHIP IS IMPLIED OR CERTIFIED BY THE INFORMATION SHOWN ON THIS PLAT, AND THAT NO INVESTIGATION HAS BEEN MADE FOR EASEMENTS OF RECORD, ENCUMBRANCES, OR RESTRICTIVE COVENANTS, TITLE EVIDENCE, OR ANY OTHER FACTS THAT A CURRENT TITLE SEARCH MAY DISCLOSE.
3. THE CLIENT ACKNOWLEDGES THAT THIS PROPERTY MAY BE SUBJECT TO THE DEVELOPMENT RESTRICTIONS AS DESCRIBED IN THE CURRENT "IREDELL COUNTY" DEVELOPMENT ORDINANCES.

STATEMENT OF PURPOSE:

1. THE PURPOSE OF THIS PLAT IS TO SURVEY THE EXISTING BOUNDARY OF PARCEL 4789044991.000
2. THE NUMBER OF EXISTING LOTS (1) NUMBER OF NEW LOTS (0)
3. EXISTING ACREAGE (1.1580) AC +/-

REFERENCES:

1. ALL DEEDS AND MAPS SHOWN HEREON

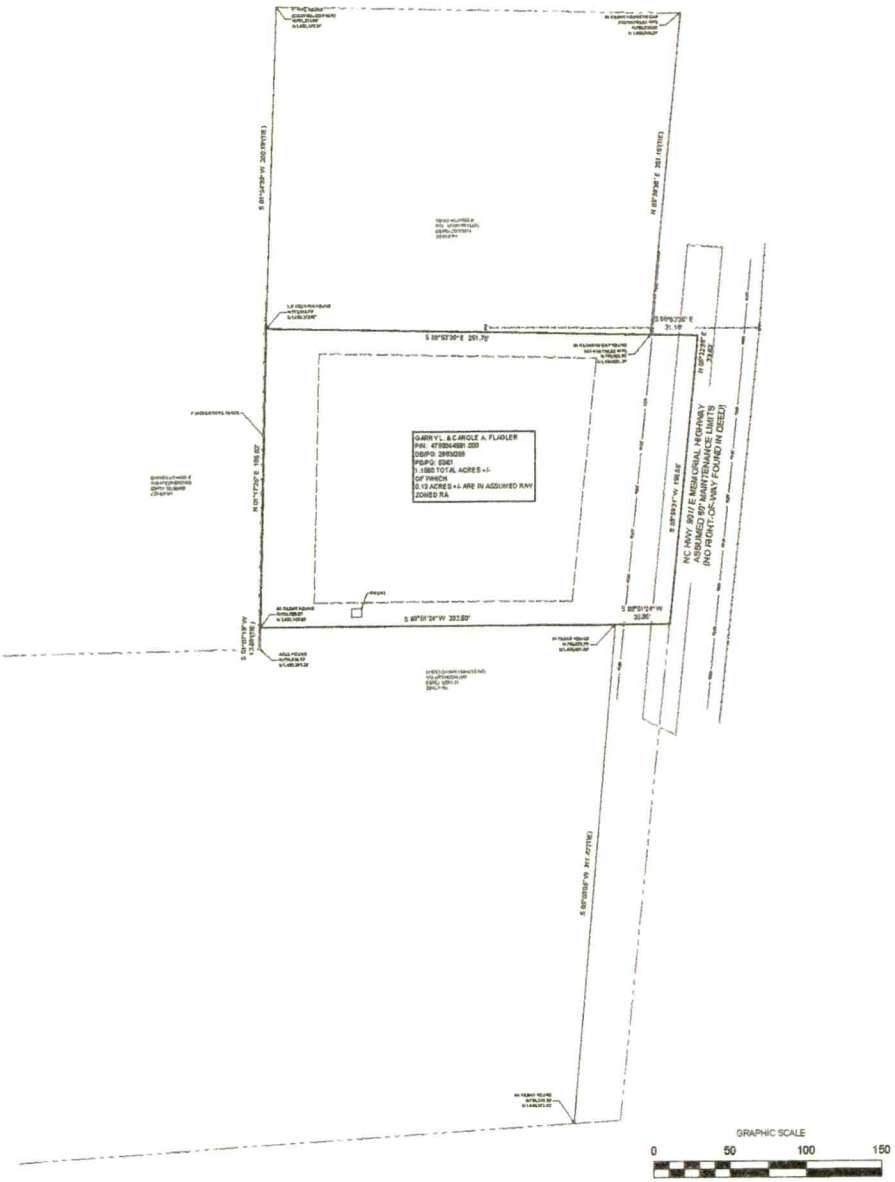
RA SETBACKS	
FRONT SETBACK	35'
SIDE SETBACK	15'
REAR SETBACK	35'

LEGEND

ABBREVIATIONS

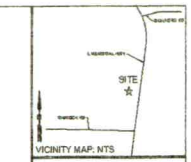
RCP REINFORCED CONCRETE PIPE
HDPE HIGH DENSITY POLY. PIPE
CMP CORRUGATED METAL PIPE
DB/DP DEED BOOK / DEED PAGE
R/W RIGHT OF WAY
AC ACRE(S)
C/L CENTERLINE
NL NEW LINE

SYMBOLS
AXLE
SURVEY SPIKE SET
CONCRETE MONUMENT
MAG NAIL
PIPE
CALC. POINT
CALC. IN TREE
REBAR FOUND
BENCHMARK
GEODETIC MONUMENT
REBAR SET
SANITARY MANHOLE
MANHOLE
WATER
HVAC
WATER VALVE
FIRE HYDRANT
GAS
POWER POLE
BOUNDARY LINE
BOUNDARY BY DEED
RIGHT-OF-WAY
EASEMENT LINE
100YR 1% FLOOD LINE
OVERHEAD POWER
SETBACKS
TOP OF STREAM BANK
CL ROAD
EXISTING BUILDINGS
EXISTING STORM
EXISTING GRAVEL
EXISTING CONCRETE



GRAPHIC SCALE
0 50 100 150
HORIZONTAL GROUND DISTANCE
1 INCH = 50 FT

NAD83(2011)



VICINITY MAP: NTS

A BOUNDARY SURVEY FOR GARRY & CAROLE FLAGLER

SUBJECT PROPERTY INFO:

PIN(S):
4789044991.000

DEED BOOK & PAGE:
DB: 2983 PG: 289

CURRENT ZONING:
RA

PROPERTY LOCATION:
TURNERSBURG TOWNSHIP
IREDELL COUNTY
NORTH CAROLINA

OWNER INFORMATION:
GARRY & CAROLE FLAGLER
1108 E. MEMORIAL HIGHWAY
HARMONY, NC 28634

DATE OF SURVEY:
12.13.2024

DRAWN BY:
GAL

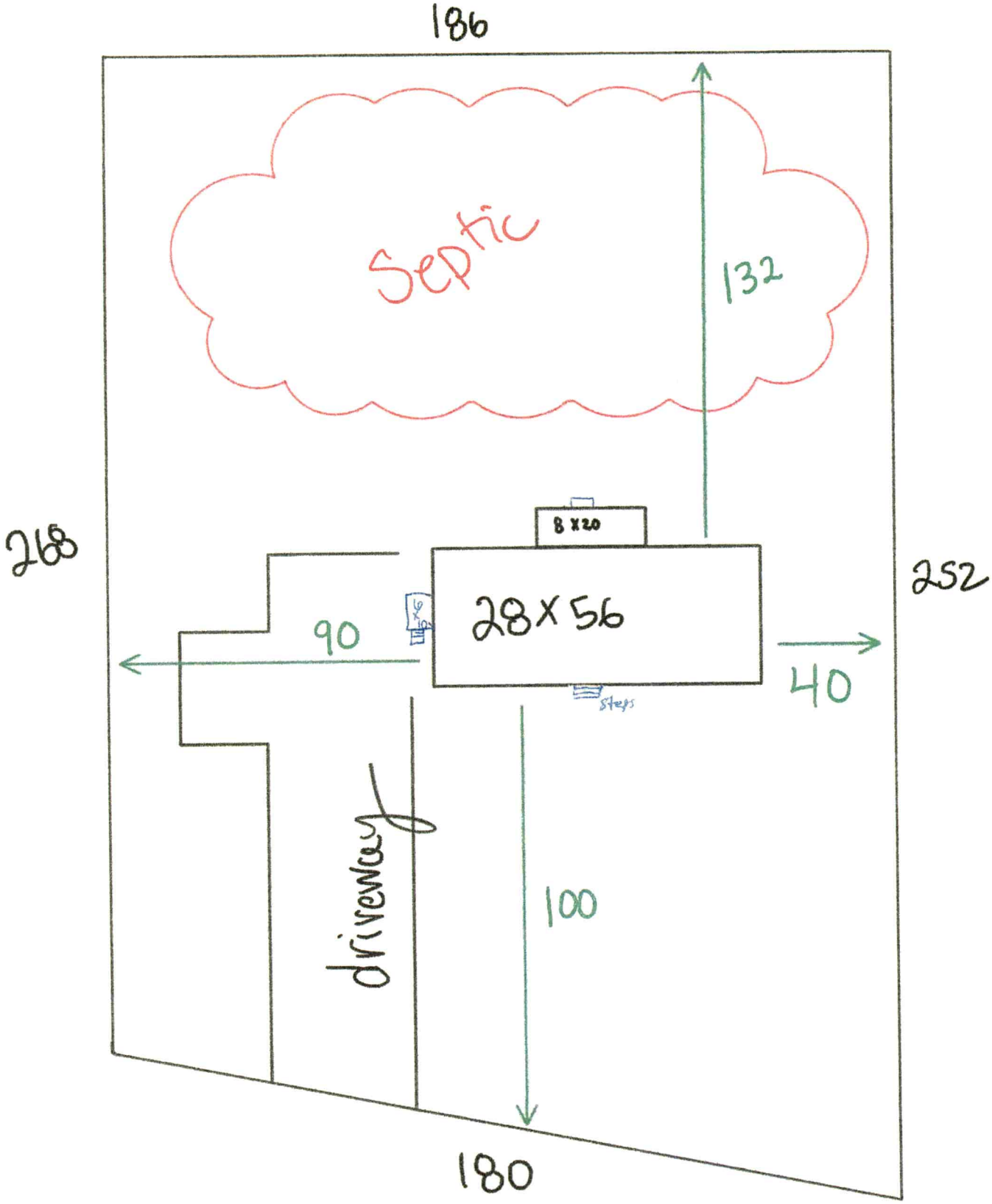
CHECKED BY:
BAA

PLAN NOTES:

1. PLAN NORTH IS BASED ON NAD83(2011)
2. AREAS COMPUTED USING THE COORDINATE METHOD
3. ANY TRAVERSE ADJUSTMENTS WERE PERFORMED USING THE LEAST SQUARES ADJUSTMENT METHOD
4. NO GEODETIC MONUMENTS WERE FOUND WITHIN 2000' OF SITE.
5. ALL DISTANCES ARE GROUND HORIZONTAL UNLESS OTHERWISE NOTED
6. PROPERTY MAY BE SUBJECT TO BURDENS OR BENEFITS NOT SHOWN ON MAP.
7. NO UNDERGROUND UTILITIES WERE LOCATED WITH THIS SURVEY. BEFORE DIGGING CALL NC ONE-CALL (1-800-632-4949)
8. ZONING DISTRICTS NOTED ARE PER GIS INFORMATION AVAILABLE TO THE PUBLIC
9. THE SUBJECT PARCEL(S) AND ANY ADJOINING PROPERTY OWNERS NAMES, DEEDS OF RECORD, AND TAX PARCEL IDENTIFICATIONS REFLECT THOSE AVAILABLE TO THIS SURVEYOR AS OF THE DATE OF THE SURVEY SHOWN

REVISION ISSUE		
00	BOUNDARY	12.13.2024

SUTHER SURVEYING
FIRM NO. P-1045
1108 S. MAIN ST. STE D
KANNAPOLIS, NC 28081
704-814-7266
Brian.Alderman@SutherSurveying.com


186
Septic
132
268
8 X20
28 X 56
252
90
40
steps
driveway
100
180