IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 (BD) Mooresville Office (704) 660-3625 PERMIT # 300829

PIN # 4730298561

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

APPLICANT/OWNER: Freedom Homes / Bobbie Testerman APPLICANT ADDRESS: 1124 Charlotte Hwy Troutman 28166

SITE ADDRESS: 282 Lytton Farm Rd Troutman NC 28166 PHONE: 704 881-2326 ALT. PHONE -

SITE DIRECTIONS: From Main St troutman L on Tally L on Lytton Farm Lot on L SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: — SECTION: — LOT # — LOT AREA: 1.65 DESIGN FLOW: 360 gpd L.T.A.R.: .225

Septic Tank 1000 (gal) STB 794 Date 12/4/19 — ☒ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI — ☒ Residence ☐ Business ☐ Other ☐ Slab ☐ Basement w/plumbing — No. Bedrooms 3 No. Persons 6 No. Employees — ☒ Crawl Space ☐ Basement w/o plumbing — Water Supply: ☒ Private ☐ Public ☐ Community

Pump Tank — (gal) PT — Date — System Description: 25% Reduction

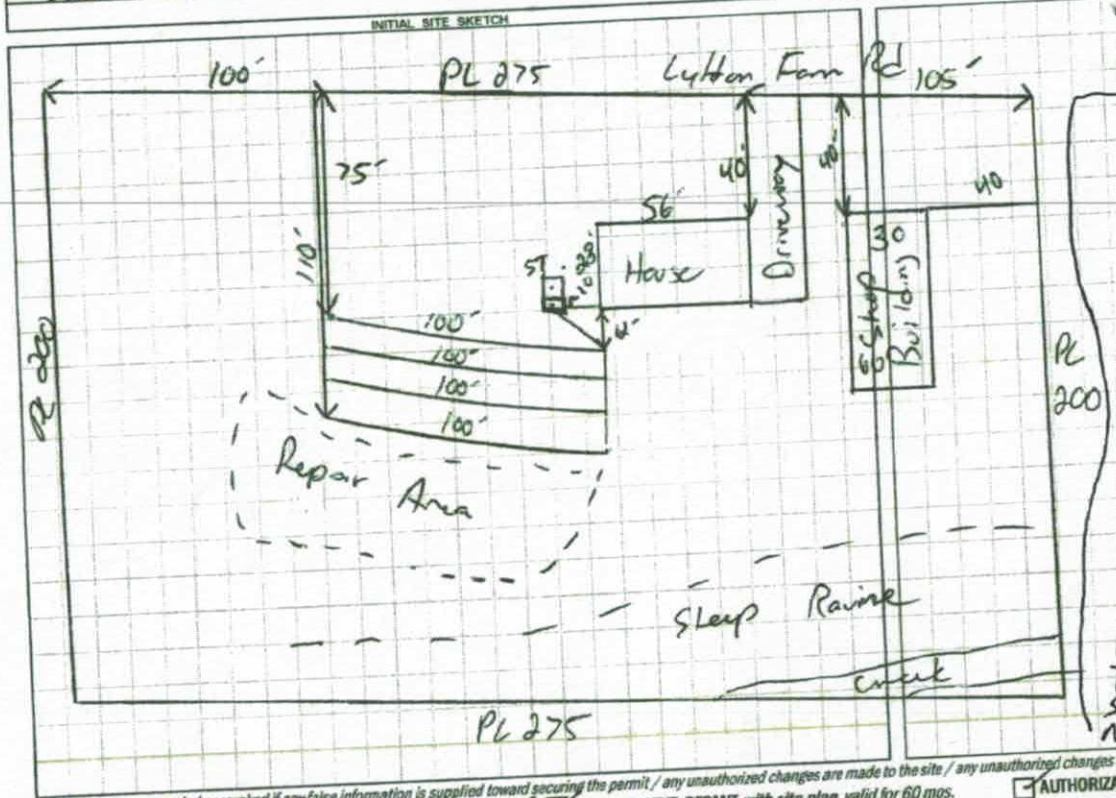
Pump Make — Model — Serial # — Repair System Description: 25% Reduction with Curtain

Nitrification Fields 1 # Lines 4 Linear Ft 400' — Maintenance Agreement Required: ☐ YES ☒ NO

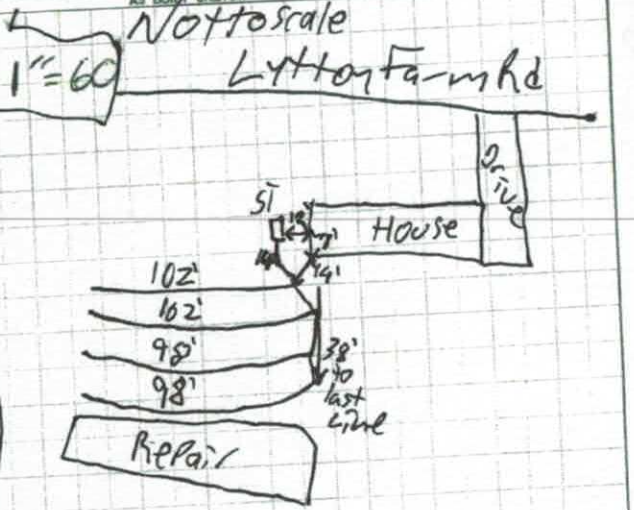
Trench Width 36" Trench Bottom Depth(Low side) 18" Gravel Depth — ☒ GRAVITY ☐ PRESSURE

Comments / Conditions: Install Drainline on center of land and use Serial distribution. Mean trench depth of 24"

INITIAL SITE SKETCH



AS BUILT SKETCH



1/17/2020: shop was not present during inspection They now want shop building back behind system would need to bear Intermediate layout no trees were present during time of inspection

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: [signature] Date: 10/31/19 Installed by: Atlas Solutions

IMPROVEMENT PERMIT by: [signature] Date: 10-31-19 OPERATION PERMIT by: Patrick Boyle III (as) Date: 3-18-20

AUTHORIZATION TO CONSTRUCT by: [signature] Date: 10-31-19 Existing System Inspected by: Date:

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 inspection time.

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

Sheet 1 of 1
PROPERTY ID #: 473029856
COUNTY: Iredell

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

OWNER: Freedom Homes 282 Lytton Farm
ADDRESS: 1124 Charlotte Hwy Troutman 28166
PROPOSED FACILITY: House
LOCATION OF SITE: 282 Lytton Farm
PROPOSED DESIGN FLOW (.1949): 360gpd

APPLICATION DATE 9-11-19
DATE EVALUATED: 10-18-19
PROPERTY SIZE: 1.65 Acre
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	15%	0-6	SBk SCL	Fr SS SP Serp	Chroma 10yr 5/2 @ 38" 4/3 Mottles @ 32"	48"	N A	38"	I .225
		6-36	SBk C	Fr SS SP Serp					
		36-48	SBk CL	Fr SS SP Serp					
2	15%	0-6	SBk SCL	Fr SS SP Serp	Chroma 10yr 5/2 @ 36" 40	48"	N A	40"	PS .225
		6-36	SBk C	Fr SS SP Serp					
		36-48	SBk CL	Fr SS SP Serp					
3	R 12%	0-6 SCL	SBk SCL	Fr SS SP Serp	Chroma 10yr 5/2 @ 28" 4/3 @ 20"	48"	N A	28"	PS .225
		6-36 SC	SBk C	Fr SS SP Serp					
		36-48 CL	SBk CL	Fr SS SP Serp					
4	R 12%	0-6 SCL	SBk SCL	Fr SS SP Serp	Chroma 10yr 5/2 @ 40" 4/3 Mottles @ 32"	48"	N A	40"	PS .225
		6-32 C	SBk C	Fr SS SP Serp					
		32-48 CL	SBk CL	Fr SS SP Serp					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	400'	400'
System Type(s)	252 Red	252 Red
Site LTAR	.225	.225

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Beggs
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) CV (Convex Slope) D (Drainage Way) DS (Debris Slump) FP (Flood Plain) FS (Foot Slope) H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	I	S (Sand) LS (Loamy Sand)	1.2 - 0.8	0.6 - 0.4	SEXP (Slightly Expansive) EXP (Expansive)	G (Single Grain) M (Massive) CR (Crumb) GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky) PL (Platy) PR (Prismatic)
	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		
	III	Si (Silt) SiCL (Silty Clay Loam) CL (Clay Loam) SCL (Sandy Clay Loam) SiL (Silt Loam)	0.6 - 0.3	0.3 - 0.15		
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay)	0.4 - 0.1	0.2 - 0.05		
		O (Organic)	None	None		

MOIST	WET
VFR (Very Friable)	NS (Non-sticky)
FR (Friable)	SS (Slightly Sticky)
FI (Firm)	S (Sticky)
VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
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.

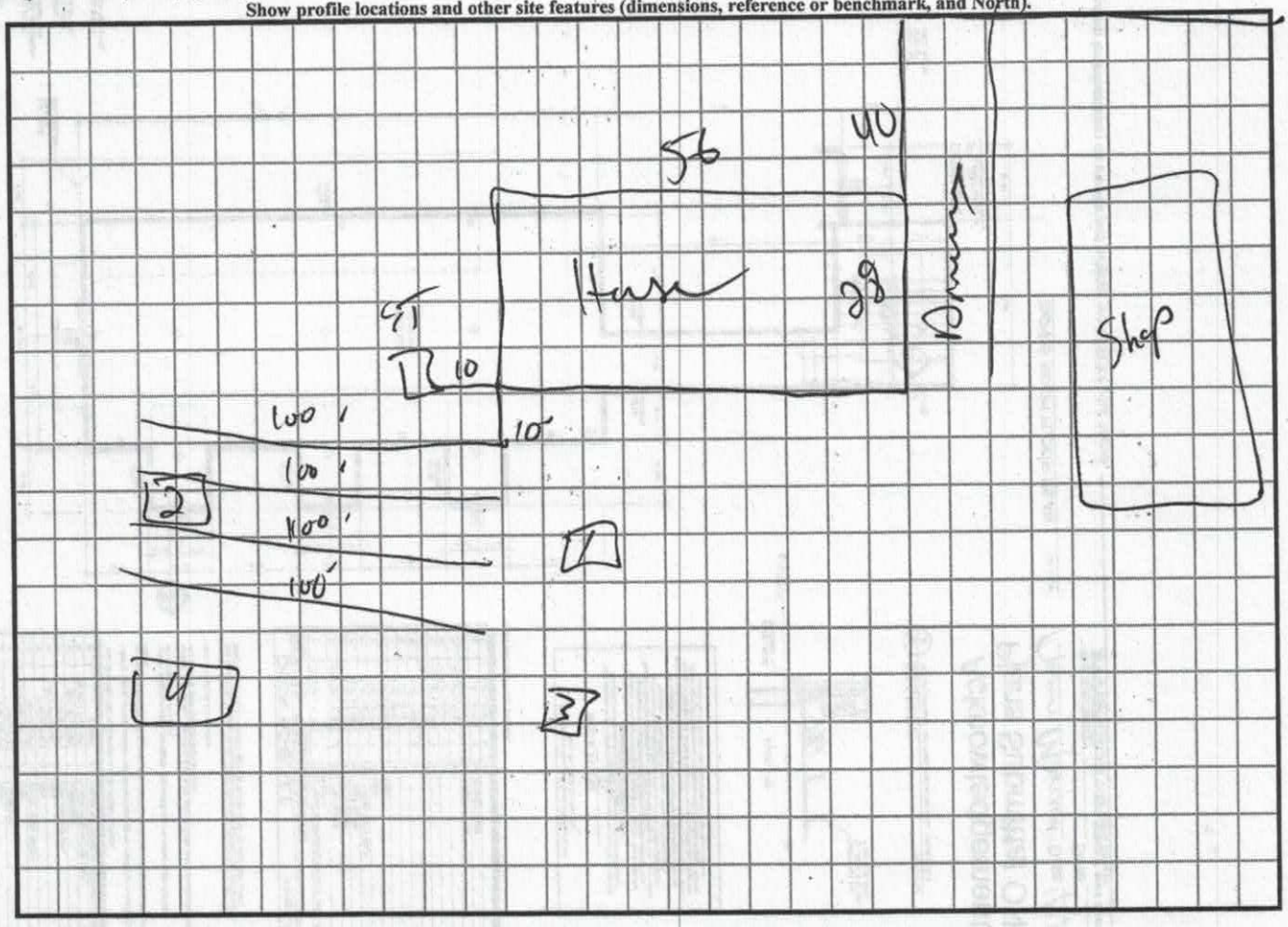
NOTES

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).



James

AP300829

$500
$550

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Application For: (X) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(X) Septic Improvement Permit (X) Authorization to Construct ( ) Existing System Inspection ( ) Septic System Repair

THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED. APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS.

Page 2: *Site Plan Worksheet* form MUST accompany this application

The following optional attachments may also be submitted: ( ) Survey Plat, scaled no more than 1 inch = 60 feet
Place an (X) beside whichever is submitted if applicable (X) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: Freedom Homes / Kimberly Sneed Address: 1124 Charlotte Hwy Troutman Zip: 28166

Applicant Email: Kimsneed.Sneed04@gmail Phone: 704-881-2326 Alt. Phone: _____

Owner Name: Bobbie Testerman Address: 133 Cowan LN Statesville Zip: 28677

Owner Email: _____ Phone: _____ Alt. Phone: _____

Property Information:

Street Address: 282 Lytton Farm Rd Troutman, NC 28166

Subdivision Name: _____ Section/Phase: _____ Lot Number: _____

Driving Directions: I-77 onto Sharon Amo 5.2 miles, R onto Talley St, L onto Lytton Farm Rd, Lot is .1 miles on Left Side. (Freedom Homes Sign)

Site Development Information: *(check or complete ALL that apply*

(X) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition
( ) Repair to failing septic system ___ Tank ___ Drain lines

Maximum Number of Bedrooms: 3
Maximum Number of Occupants: 2
( ) Swimming Pool
( ) Other Addition/Structure: _____

CHECK FOUNDATION TYPE

(X) Crawl Space Foundation
( ) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

Describe Problem: _____

Non-Residential Site Development: Type of Business: _____
Square Footage of Building: _____ Max. Number of Employees: _____ Max. Number of Seats/Beds/Other: _____

Water Supply: ( ) Replacement Well – Reason: _____
( ) Multi-connection Well Number of Houses: _____ Number of Persons: _____

(X) New Well ( ) Existing Well ( ) Community Well ( ) City Water ( ) Other Public Water

Desired Septic System Type: *(you may rank in order of preference)* Year existing system installed: _____
( ) No Preference ( ) Alternative (X) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other: _____

Please answer the following to the best of your ability:

( ) Yes (X) No Does the site contain any jurisdictional wetlands?
( ) Yes (X) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (X) No Is the site subject to approval by any other public agency?

I have read this application and certify that the information provided herein is true, complete, and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed.

Signature: Kimberly Sneed 9-11-19
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

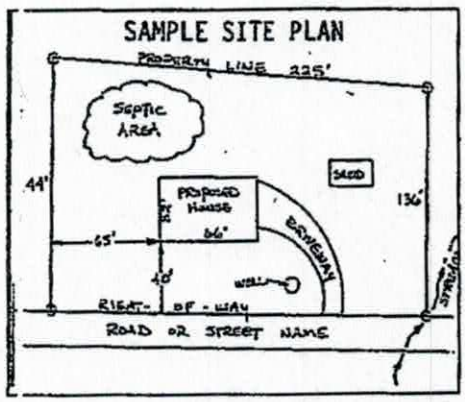
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

SITE PLAN WORKSHEET

SEE THE "SAMPLE SITE PLAN" BELOW. *INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM OR WELL PERMIT!!!*

Place an (X) beside each item as you complete the site plan:

- (X) Property Line measurements are clearly identified
- (X) All proposed structures are indicated
- (X) Front and side setbacks from property line
- (X) Preferred driveway location
- (X) Preferred well location
- (X) Preferred septic system location
- ( ) North arrow, or other sufficient indicator of direction



Circle N/A on the following if appropriate:

Location of septic systems and wells within 100' of your property **N/A**
Location of easements and rights of ways on your property **N/A**
Location of any designated wetlands on the property **N/A**

USE THIS SPACE TO DRAW YOUR SITE PLAN

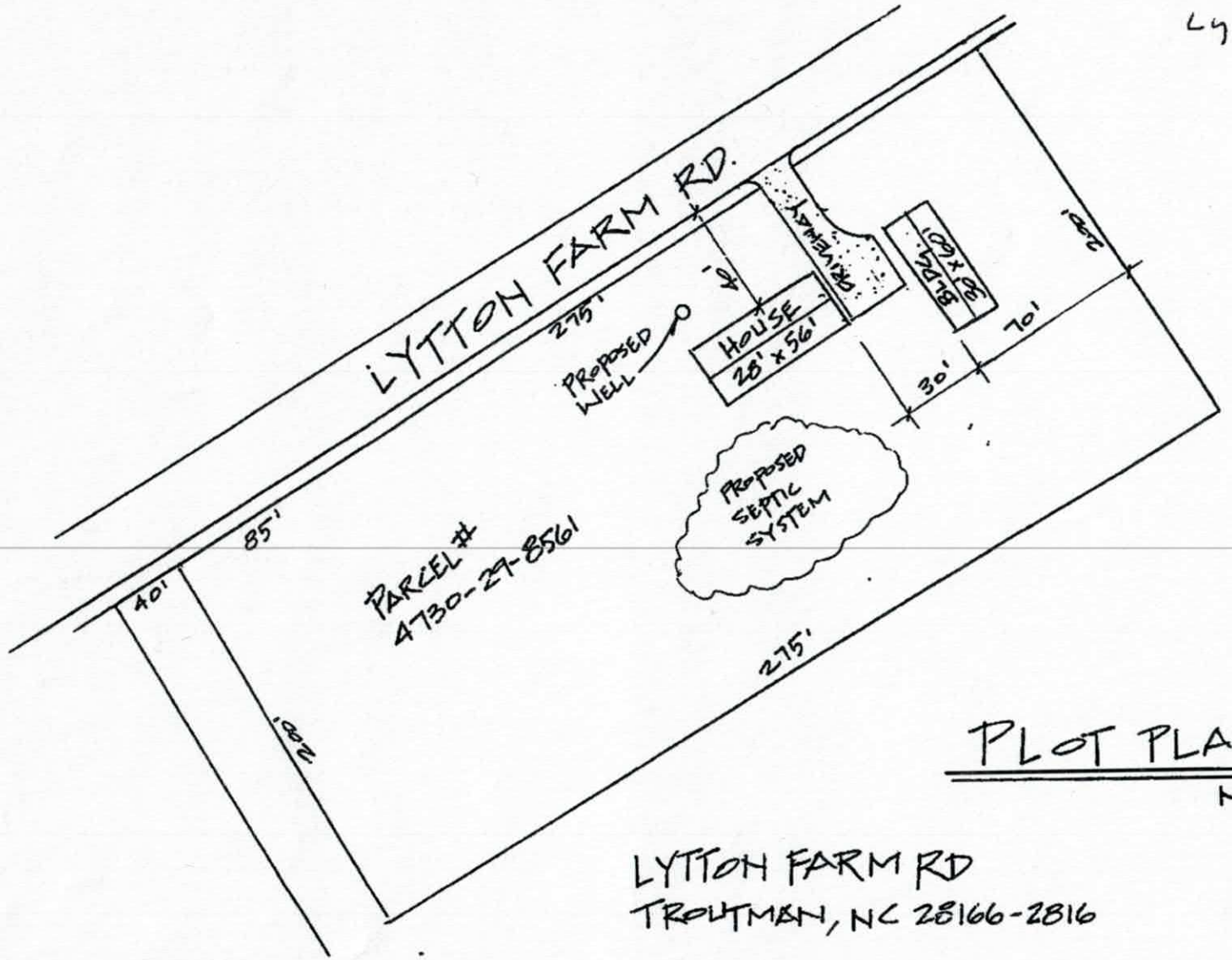
Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site

Attached

Signature: Kimberly Speed
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

9-11-19
DATE

282
Lytton
Farm
RD.



PLOT PLAN

N.T.S.

LYTTON FARM RD
TROUTMAN, NC 28166-2816

DocuSign Envelope ID: 89FF9F2A-A036-4332-B2B4-584B0DEF6DA3

DocuSign Envelope ID: C08D8FB3-9059-4B64-969A-BAA832E32AD4

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

Applications for permits require the "signature of the owner or owner's legal representative" (15A NCAC 18A 1937). If the owner does not sign the application himself or herself, they can submit any one of the following documents to designate their legal representative:

Power of Attorney; Real Estate Contract; Estate executor; Bankruptcy trustee; Court ordered guardianship

In the absence of the above documentation, the property owner may provide the local health department with documentation that designates a legal representative. A property owner may:
Complete this form to document his or her legal representative, or provide his or her own form that contains the information in this form.
If there are multiple property owners, then all property owners must sign the form that designates a legal representative.

By signing a form that designates a legal representative for purposes of 15A NCAC 18A .1937, the property owner authorizes that representative to act on their behalf in matters pertaining to the application and permitting process, including signing or receiving any application, document or permit. The owner retains full responsibility to meet all permit conditions specified by the local health department.

I, Bobbie Testerman, am the legal owner(s) of the property located at 282000 Lytton Farm Rd. Troutman, NC 28166, identified as PIN (Parcel Identification Number) 4730-29-8561, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Freedom Homes, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

- Application for Improvement Permit (IP) / Authorization to Construct (AC)
- Improvement Permit (IP) / Authorization to Construct (AC)
- Application for soil-site evaluation (new/repair)
- Application/permit for private drinking water well/well abandonment
- Application for Compliance Inspection

I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

DocuSigned by:
Bobbie Testerman 8/20/2019
Signature(s) of Owner(s) Date

Signature of Witness 8/20/19
Date

Please return this signed form to the appropriate office:

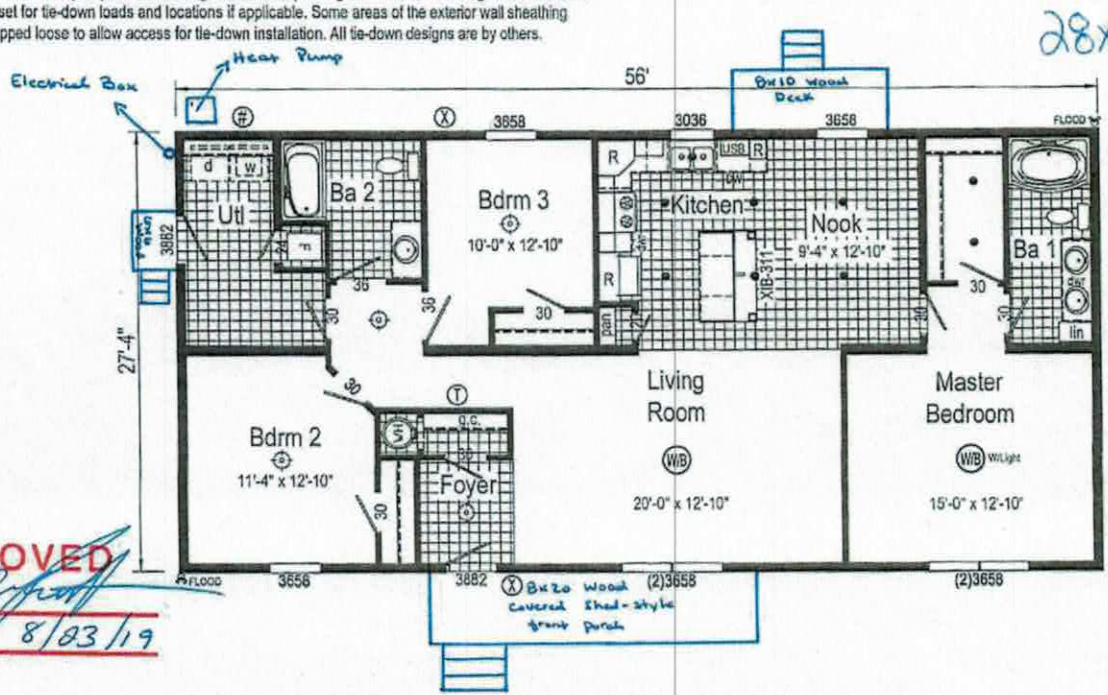
Mooresville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

Statesville - Environmental Health
adrienne.shea@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

(Pinkerst)

28x56

NOTE: This home may require wall bracing tie-downs depending on wind/seismic design. Please refer to the permit set for tie-down loads and locations if applicable. Some areas of the exterior wall sheathing may be shipped loose to allow access for tie-down installation. All tie-down designs are by others.



APPROVED
SIGNATURE: [signature]
DATE: 8/03/19

LEGEND

WB *WIRE AND BRACE · *STANDARD FAN · *FLOOD LIGHT · *HOSE BIB · *EXT GFCI · *EXT GFCI UNDER LIGHT · *BATH LIGHT/FAN COMBO · *VENTILATION FAN
*STANDARD LIGHT · R *RECESSED CAN LIGHT · T *THERMOSTAT · *PHONE JACK · *TV JACK · J *JUNCTION BOX · F *FIRE EXTINGUISHER

PRELIMINARY ELECTRICAL ONLY. SUBJECT TO CHANGE UPON ENGINEERING AND CODE REQUIREMENTS.

HOME CANNOT BE BUILT UNTIL THE CUSTOMER HAS SIGNED OFF ON ALL PAGES. FOLLOWING CUSTOMER SIGN OFF, PLANS AND SPECS WILL BE SENT TO 3RD PARTY FOR STAMPED APPROVAL. ANY CHANGES AFTER SIGNOFF WILL RESULT IN A MINIMUM $500.00 ENGINEERING FEE.

Home Owner: _____ Date: _____

_____ Date: _____

Retailer: _____ Date: _____

BL28561-A5 2856 Approx. 1531 Sq. Ft.

Builder: R-Anell Housing Group, LLC - Subsidiary of The Commodore Corp.	Callout: 2856	Revisions Date / Number	Scale: 1/8" = 1'-0"	Date: 07/12/18	Cust:		Model/Eng. No.: BL28561-A5
Title: Literature			Drawn By: RR	Reference: NONE	Dir: / S/N:		Pg.: LIT

Acknowledgement Of
Plans Submittal ONLY!

[signature] Date 10-31-19

[signature] Date 10/31/19

Zoning Permit # 300829
Fee $ 45.00 Code 104

See reverse for new construction.

Zoning Permit

LOCATION	Date (mm/dd/yy)	09/11/19	Tax Parcel #	4730-29-8561
	Business Name or Property Owner	Freedom Homes / Bobbie Testerman		
	Street Address & Lot Number	282 Lytton farm Rd Troutman, NC 28166		
	Business Type and/or Project Description	New modular		
APPLICANT	Applicant	Kimberly Sneed / Freedom Homes	Preferred Phone	704-881-2326
	Address City/State/Zip	1124 Charlotte Hwy Troutman NC 28166		
	E-Mail	Kimsneed.Sneed04@gmail.com		
	Would you like your e-mail address added to: (check any of interest)	☐ The Whistle Stop (Town of Troutman newsletter) ☐ Troutman Business Council (Local Chamber of Commerce) ☐ Sunshine List (Agenda for Town Board Meetings)		

Following approval of this permit proceed to Iredell County Building Inspections (349 N Center St, Statesville, NC 28677). All Applicants, please note that final inspection by the Town is required prior to occupancy. Business Applicants, please note that proof of RPZ (backflow) inspection is required prior to occupancy (in addition, restaurants may be required to have a grease trap inspection).

Office Use Only

Zoning District(s)	RS	TL ☐ ETJ ☑	Plans Attached	Yes ☑ No ☐
Utilities	Well + Septic		Floodplain	Yes ☐ No ☑
Permitted Use of Property	SFR			
Minimum Setback Requirements	Front 25', Rear 25', Left Side 15', Right Side 15' *Setback measured from nearest projecting point of structure to Property Line.*			

Comments: Front of home should be prallel to street or lotline. Please see attached for landscaping requirements.
* OFF Frame Modular *

I hereby certify that all of the information provided for this application is, to the best of my knowledge, accurate and complete. I understand that this permit will expire and become invalid unless the work for which it was issued is started within six (6) months of the date of issue or is the work authorized is suspended or abandoned for a period of one (1) year.

Kimberly Sneed
Signature of Applicant

To the best of my knowledge, this application is deemed complete and approved based on the information provided to me and my knowledge of the Town of Troutman Unified Development Ordinance.

9-11-19 Danielle Upright
Signature of Zoning Administrator

C. Distance from Street Corners and Fireplugs: No street trees shall be planted within 35 feet of any street corner, measured from the point of nearest curvature of street curb. No street tree shall be planted within 10 feet of any fireplug. Exceptions may only be made in special plantings designed or approved by a landscape architect and the Zoning Administrator.

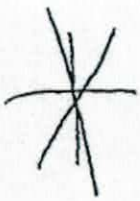
D. Conflict with Utilities: No street trees other than those specified as small, undercanopy trees may be planted under, or within 10 feet of an overhead utility wire. (See also Section 7.7.10 specifying underground utilities in all new subdivisions).

E. Conflict with Street Lighting: Street trees shall be located and planted so as not to diminish the effectiveness of required street lighting, and in no instance shall street lights be closer than:
   1. 15 feet to canopy trees, and
   2. 8 feet to understory trees.

5.1.8 TYPE D LANDSCAPING (RESIDENTIAL YARD TREES)

A. Tree Canopy

Yard trees are required for every district, except in the Rural Preservation District. Trees shall be planted behind the sidewalk outside of the public right-of-way. Maintenance of the trees shall be the responsibility of the individual property owner. All parcels, regardless of land use, shall maintain a minimum tree canopy coverage according to their district classification as follows:



DISTRICT	TREE SAVE REQUIREMENTS
Rural & Suburban Residential Districts (RP, RS, RMH)	10% of tract plus each residential lot must have at least one large canopy tree per 5,000 square feet. At a minimum, 50% of the required trees must be located in the front yard. The preservation of existing healthy trees is preferred to new plantings.
Suburban Commercial Districts (OI, HB, IL, IH)	5% of tract
Urban Districts (RT, RM, NC, CB)	Specimen tree preservation only - may be waived or altered by the Zoning Administrator depending on health of tree and preferred development pattern on the site

B. Size: Large trees shall be a minimum of ten feet in height and 2 and one half-inch caliper when planted for all residential lots. Understory trees shall be a minimum of eight feet tall and two and one-half inch caliper at planting. All plant material required by this section shall comply with the plant material list maintained by the town.

C. Existing Vegetation:

The minimum canopy coverage requirement may be met through the retention of existing vegetation, supplemental plantings, or a combination of both; however, every reasonable effort should be made to meet the baseline canopy coverage area through the retention of existing vegetation in the following priority areas of the site:
   1. Required buffer yards between conflicting uses (as defined in this chapter);
   2. Thoroughfare buffers and streetyards;
   3. Conservation easements;
   4. Special Flood Hazard Areas.

D. Alternative Methods of Compliance
   1. Alternative landscaping plans, plant materials, planting methods, or reforestation may be used where unreasonable or impractical situations would result from application of landscaping or tree preservation requirements. Such situations may result from streams, natural rock formations, topography, or other physical conditions; or from lot