# ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # OSWP-2023-34963

## SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM / Expansion PIN # 4729 -- 04 -- 3635

APPLICANT/OWNER: FREEDOM HOMES - TROUTMAN APPLICANT ADDRESS: 1124 CHARLOTTE HIGHWAY, TROUTMAN, N.C. 28166

SITE ADDRESS: 128 HILLTOP DRIVE, STATESVILLE, N.C. 28625 PHONE: 704-881-2326 ALT. PHONE 704-528-7960

SITE DIRECTIONS: (N) ON 115, (L) ON COUNTRY LIFE, (R) ON TRITON, (L) ON HILLTOP, LOT ON (R) SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: COUNTRY LIFE ESTATE SECTION: 2 LOT # 6-7 LOT AREA: 1.02 AC DESIGN FLOW: 480GPD L.T.A.R.: 0.3

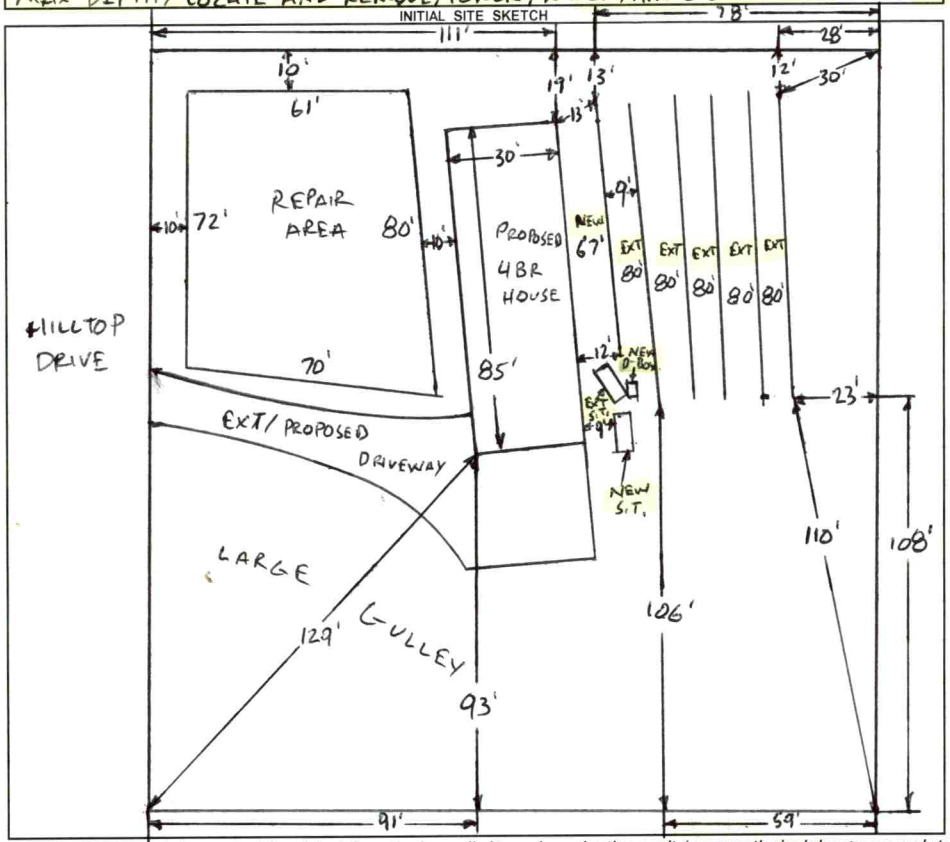
| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Septic Tank | 1000 | (gal) | STB 760 | Date | 12/11/23 | ☐ New System | ☐ Repair | ☑ Expansion | System Type: I II (III) IV V VI |
| Pump Tank | — | (gal) | PT — | Date | — | System Description: | EXISTING (CONVENTIONAL) + HPPBPS | | |
| Pump Make | — | Model | — | Serial # | — | Repair System Description: | 50% REDUCTION | | |
| # Nitrification Fields | 1 | # Lines | EXT(5) + 1 | Linear Ft | EXT(400ft) + 67' | Maintenance Agreement Required: | ☐ YES | ☑ NO | |
| Trench Width | NEW 36IN | Trench Bottom Depth | [redacted] 60IN MAX - 41IN | Gravel Depth | — ON LOWSIDE | | ☑ GRAVITY | ☐ PRESSURE | |

| | | | |
|---|---|---|---|
| ☑ 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 |

Comments / Conditions: PUMP, CRUSH, AND FILL EXISTING SEPTIC TANK, INSTALL NEW D-BOX, INSTALL AS SHOWN OFF CONTOUR, DO NOT EXCEED 60IN MAX DEPTH, LOCATE AND REMOVE, POWER, WATER, AND CABLE LINE FROM EXT SYSTEM

PRE-CONSTRUCTION MEETING REQUIRED
VENT PRODUCT PER MANUFACTURERS SPECIFICATION

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 = 50 FT
S.T. = SEPTIC TANK
EXT = EXISTING

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.* ☑ **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: Frye Grading

IMPROVEMENT PERMIT by: Burnett C. White Date: 10-30-2023 OPERATION PERMIT by: [signature] Date: 2/8/24

AUTHORIZATION TO CONSTRUCT by: Burnett C. White Date: 10-31-2023 Existing System Inspected by: Date:

**FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am** the day the inspection is needed.

| 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 1
PROPERTY ID #: 4729-04-3635
COUNTY: IREDELL

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

OWNER: FREEDOM HOMES - TROUTMAN
APPLICATION DATE: 8-24-2023
ADDRESS: 1124 CHARLOTTE HIGHWAY, TROUTMAN, N.C. 28166
DATE EVALUATED: 9-27-2023
PROPOSED FACILITY: 4BR
PROPOSED DESIGN FLOW (.1949): 480GPD
PROPERTY SIZE: 1.02 AC
LOCATION OF SITE: 128 HILLTOP DRIVE, STATESVILLE, N.C. 28625
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 | RIDGE 2% | 0-9 | FILL | MIXED | SAP INC THRU OUT Y/B MOTS CHROMA 3&4S 15"-24" | [redacted] | NA | NA | PS [redacted] 0.3 60" MAX TRENCH NO SHALLOW |
| | | 9-31 | C ST, ABK | fi, S, P, SEXP | | | | | |
| | | 31-[redacted] | CL, ABK | FR, SS, SP, SEXP | | | | | |
| | | [redacted] | | | | | | | |
| | | | | | | | | | |
| 2 | NOSE 8% | 0-13 | SCL, ABK | FR, SS, SP, SEXP | SAP INC THRU OUT | 58"+ | NA | NA | PS .3 |
| | | 13-24 | C, ABK | fi, S, P, SEXP | | | | | |
| | | 24-58 | CL, WABK | FR, SS, SP, SEXP | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| 3 | | | | | | | | | |
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| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | PS | PS |
| System Type(s) | EXT CONV. 50% + | 50% |
| Site LTAR | 0.3 | 0.3 |

OTHER FACTORS (.1946): PS
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Burford C. White
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.

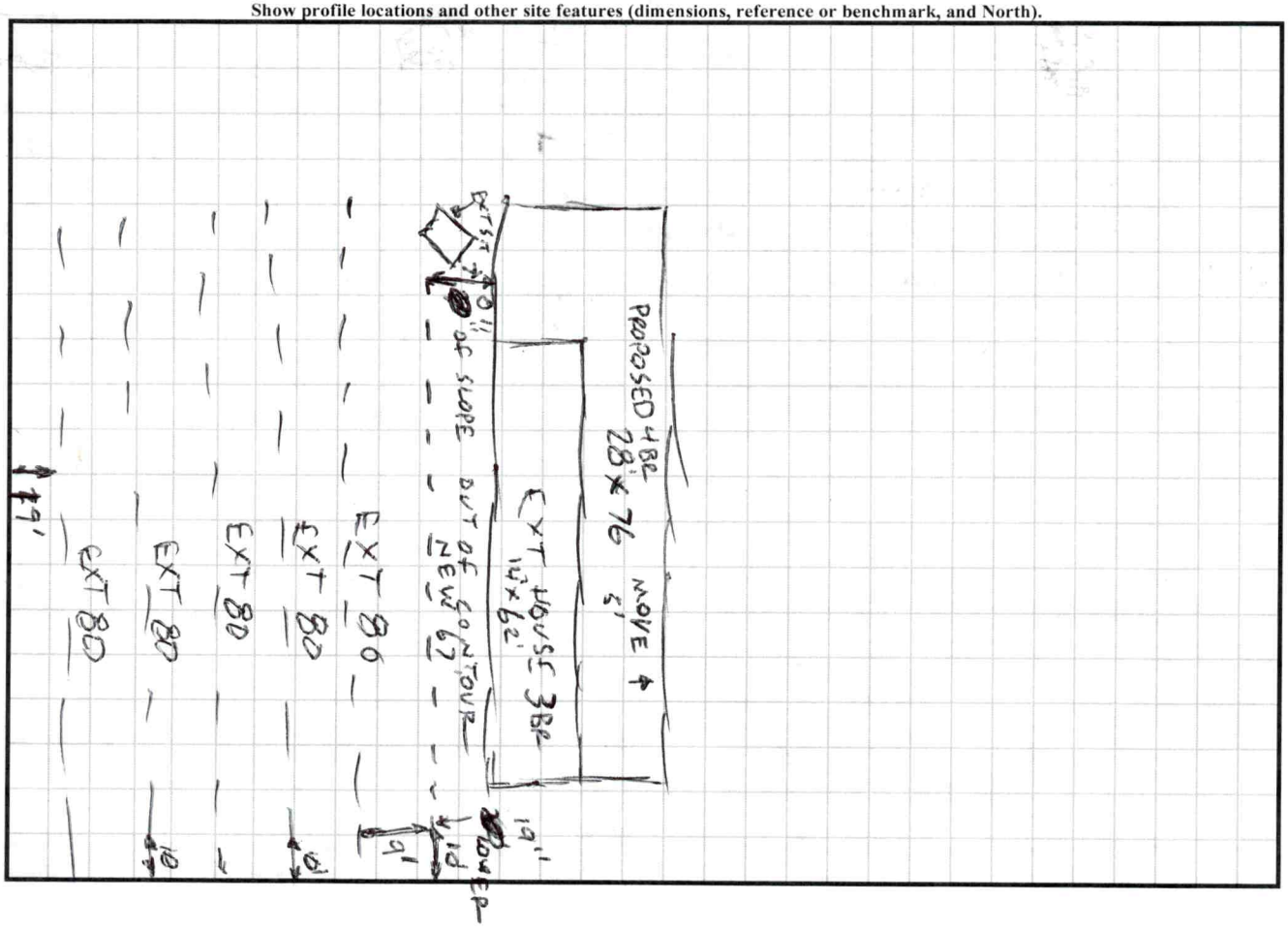
***NOTES***

| | |
|---|---|
| *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).**


EXT BD
EXT BD
EXT BD


100
151
161
200
4729-04-2835
4729-04-3838
4729-04-4920
4729-04-1833
7
6
5
8
101
4729-04-57
105
79
83
85
80
82
Ext st outlet
Ext st inlet
128
4729-04-3635
4729-04-4770
134
Pit2
4729-04-1683
Hilltop Dr
4729-04-0682
123
4729-04-4485
4729-04-3482
4729-04-2490
4729-04-1388
223
16
1 in = 50 ft

# PERMIT SNAPSHOT REPORT OSWP-2023-34963
# FOR IREDELL COUNTY

**Permit Type:** Environmental Health OSWP
**Work Class:** EH Septic Permit
**Status:** In Progress
**Valuation:** $0.00

**Project:**
**District:** Iredell County
**Square Feet:** 0.00
**Assigned To:** White, Bryant

**App Date:** 08/24/2023
**Exp Date:** NOT AVAILABLE
**Completed:** NOT COMPLETED
**Approval Expire Date:**

**Description:** EXPANSION REPLACING EXISTING HOME WITH A 28X76 DOUBLEWIDE (5 BEDROOM) MOBILE HOME NEEDING TO ADD LINES TO EXISTING SEPTIC SYSTEM, 9/1 Left VM on Kim's phone. Sent email GM
EXISTING WATER TAP 9/5 Kim Sneed stated site ready GM. Site ready please contact owner Wendy 978-985-5083. GM

**Parcel:** 4729043635.000 Main

**Address:** 128 Hilltop Dr Main
Statesville, NC 28625

**Zone:** RA(Residential Agricultural District)

Applicant/Authorized Agent
FREEDOM HOMES #667
FREEDOM HOMES-TROUTMAN #667-USE THIS ONE FREEDOM
1124 CHARLOTTE HWY
TROUTMAN, NC 28166
Business: (704) 881-2326

Applicant/Authorized Agent
FREEDOM HOMES #667
FREEDOM HOMES-TROUTMAN #667-USE THIS ONE FREEDOM
1124 CHARLOTTE HWY
TROUTMAN, NC 28166
Business: (704) 881-2326

Property Owner
TIMOTHY S ENOS

Applicant/Authorized Agent
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 | Expand septic to add bedrooms | Does the site contain any jurisdictional wetlands | No |
| Non-domestic Sewage Generated | No | Other Public Agency | No | All proposed structure dimensions | 28X76 DOUBLE WIDE MOBILE HOME, WITH FRONT 8X16 DECK AND SIDE AND BACK STEPS |
| What are the proposed structures | Manufactured Home | Type of New Single-Family Residence | Mobile Home | Maximum Number of Bedrooms | 5 |
| 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) |
| Lot Acreage | 1.02 | Front Setback | 35 | Back Setback | 35 |
| Left Setback | 15 | Right Setback | 15 | Zoning Permit Issued Date | Aug 31 2023 12:00AM |
| Zoning Permit Expiration Date | Feb 27 2024 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 ALL 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-2023-34963)

| | | | |
|---|---|---|---|
| Additional Unique Setbacks Apply | No | Watershed | WSIV PA SOUTH YADKIN |

| Attachment File Name | Added On | Added By | Attachment Group | Notes |
|---|---|---|---|---|
| Signature_FREEDOM_HOMES-TROUTMAN_8/24/2023.jpg | 08/24/2023 16:54 | Kimberly Frye, Freedom Homes | | Uploaded via CSS |
| GOODMAN AUTH TO ACT_v1.pdf | 08/25/2023 10:43 | Nebel, Barbara | Available Online | Authorize to Act as Agent |
| GOODMAN PLOT PLAN _v1.pdf | 08/28/2023 14:52 | Bailey, Julia | Available Online | Site Plan |

| Inspection Number | Status | Inspection Type | Request Date | Scheduled Start Date | Scheduled End Date | Actual Start Date | Actual End Date |
|---|---|---|---|---|---|---|---|
| 2023-135453 | Passed - Permit | OSWP Septic/Well Preliminary Site Visit | 09/05/2023 | 09/05/2023 0:00 | 09/05/2023 0:00 | 09/05/2023 15:32 | 09/05/2023 15:32 |

**Inspectors:** McLeod, Grace (Primary)

| Checklist Item | Description | Passed | Comments |
|---|---|---|---|
| General Comments | Checklist item used to track general comments, not specific to any other checklist item | No | |

| Note | Created By | Date and Time Created |
|---|---|---|
| 1. 9/1 Called Left VM on Kim's phone. Sent email. GM | Grace McLeod | 09/01/2023 13:11 |
| 2. 9/5 Kim Stated site ready GM Site ready please contact owner Wendy 978-985-5083. Neighbors keeps pulling up survey stakes on one side of property. Surveyor told Wendy to paint trees as he put down stakes. GM | Grace McLeod | 09/05/2023 11:30 |

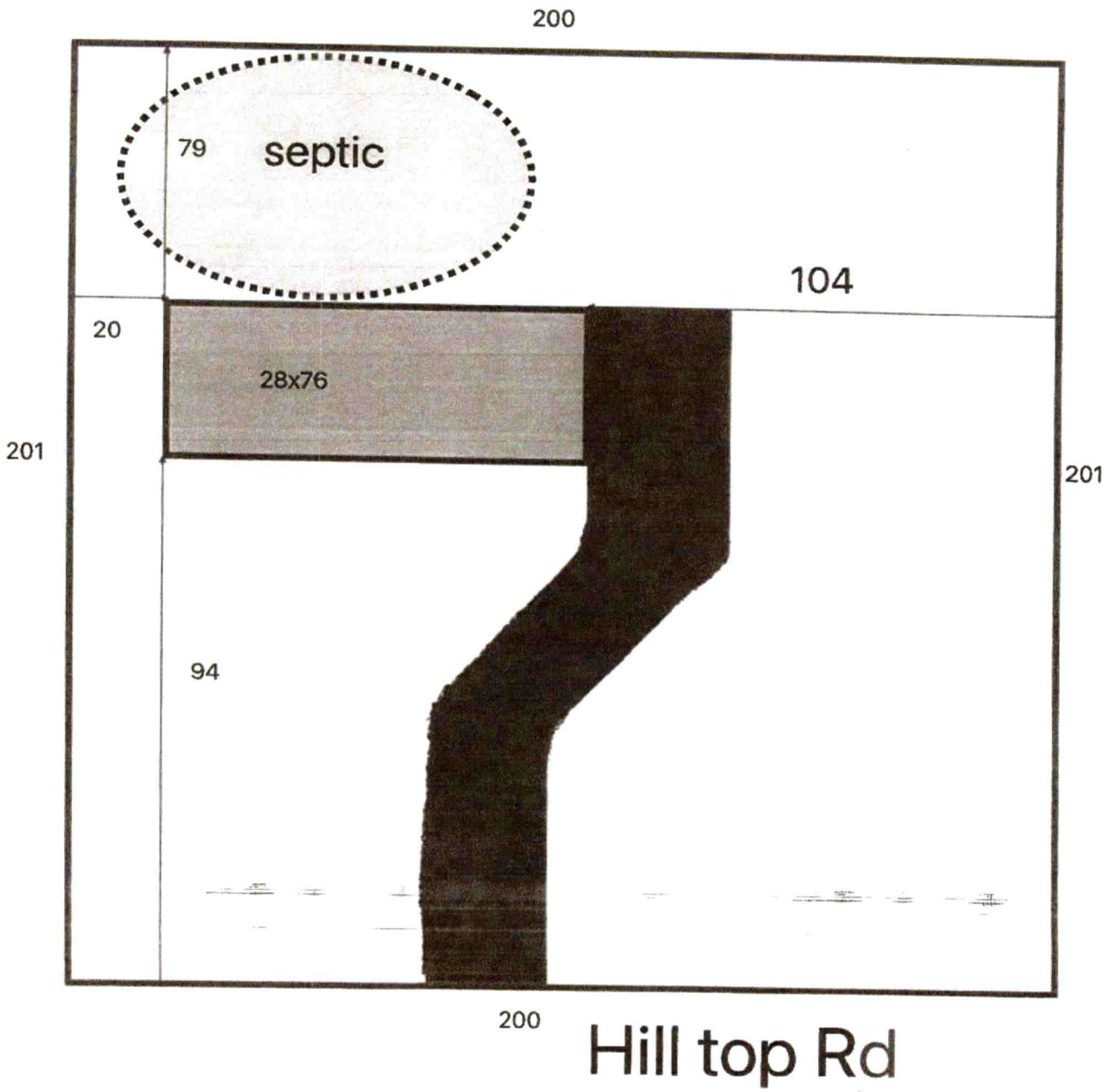
| Invoice No. | Fee | Fee Amount | Amount Paid |
|---|---|---|---|
| INV-00019924 | Iredell Zoning Permit Fee | $75.00 | $75.00 |
| | Iredell Zoning Tech Fee | $2.25 | $2.25 |
| | New Gravity System | $500.00 | $500.00 |
| | Total for Invoice INV-00019924 | $577.25 | $577.25 |
| | **Grand Total for Permit** | **$577.25** | **$577.25** |

| Workflow Step / Action Name | Action Type | Start Date | End Date |
|---|---|---|---|
| **Application Completeness Check v.1** | | 08/25/2023 10:43 | 08/25/2023 10:44 |
| Confirm application complete v.1 | Generic Action | | 08/25/2023 10:44 |
| **Fees v.1** | | 08/31/2023 8:08 | 08/31/2023 8:08 |
| Fees Paid v.1 | Generic Action | | 08/31/2023 8:08 |
| Issue Invoice v.1 | Generic Action | | 08/31/2023 8:08 |
| **Lot Readiness Verification v.1** | | 09/05/2023 15:32 | |
| OSWP Septic Preliminary Site Visit v.1 | Inspection | 09/05/2023 15:32 | 09/05/2023 15:33 |
| OSWP Site Evaluation v.1 | Inspection | | |
| **Zoning Review v.1** | | 08/25/2023 10:44 | 08/31/2023 15:33 |
| ~~Floodplain Admin Overview v.1~~ | Task | | 08/28/2023 14:53 |
| Iredell County Zoning Approval v.1 | Task | 08/25/2023 10:44 | 08/31/2023 15:34 |
| Issue Invoice v.1 | Generic Action | | 08/28/2023 14:53 |
| Fees Paid v.1 | Generic Action | | 08/31/2023 8:07 |
| 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 | | |
| Environment Health Inspections v.1 | | | |

# PERMIT SNAPSHOT REPORT (OSWP-2023-34963)

| | |
|---|---|
| Operation Permit Inspection v. 1 | Inspection |
| OSWP Alarm Checked v. 1 | Inspection |
| OSWP Drain Lines Checked v. 1 | Inspection |
| OSWP Electrical Checked v. 1 | Inspection |
| OSWP Floats Checked v. 1 | Inspection |
| OSWP Maintenance Contract v. 1 | Inspection |
| OSWP Pressure Head Checked v. 1 | Inspection |
| OSWP Pressure Manifold Checked v. 1 | Inspection |

# Goodman plot plan



# IREDELL COUNTY HEALTH DEPARTMENT

STATESVILLE 704-878-5305 MOORESVILLE 704-664-5281

## IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM INSPECTION

PERMIT# 137227 PIN# 4729-04-2676 DATE 08/02/06

OWNER OR APPLICANT DAVID CRUMP PHONE: Business 704-645-5000 EXT. 8100 ~~Home~~ 704-902-6603

ADDRESS P.O. BOX 1933 STATESVILLE, NC 28687

LOCATION HWY 115 N. (L) COUNTRY LIFE DR. (R) TRITON, (L) HILLTOP DR., LOT ON RIGHT

SUBDIVISION COUNTRY LIFE EST. BLOCK / SECTION II LOT 7 LOT AREA 0.459 ACRES SITE CLASS. EXIST. DESIGN FLOW 360 GPD L.T.A.R. EXIST.

EXIST

Septic Tank: 1,000 Gallons; STB ____ Date ____

Pump Tank: ____ Gallons; PT ____ Date ____

Pump Make: ____ Model ____ Serial No. ____

Nitrification Field: No Fields 1 Square Feet 1,200 Linear Feet 400

No Lines 5 @ 80' Trench Width 36" Max Trench Bottom Depth ? Gravel Depth 12"

☐ New System ☐ Repair ☐ Expansion System Type: I (II) III IV V VI

System Description: CONV., GRAVITY

Repair System Description: 50% REDUC. GRAVITY

Maintenance Agreement Required: ☐ Yes ☒ No

☐ Gravity ☐ Pressure

☐ House/Mod. Home ☒ Mobile Home ☐ Business ☐ Other

No. Bedrooms 3 No. Persons ____ No. Employees ____

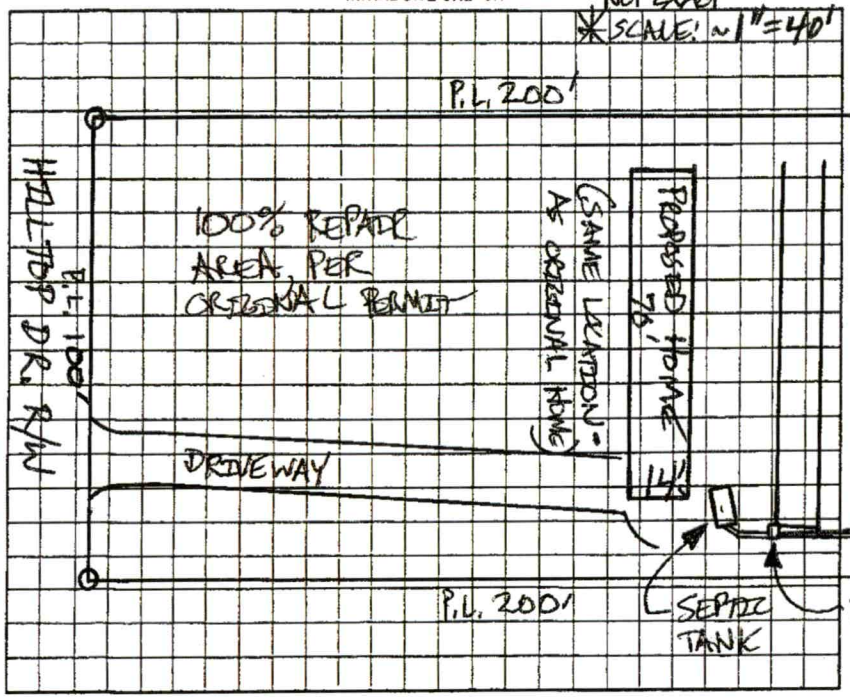
☐ Slab ☒ Crawl Space ☐ Basement w/plumbing ☐ Basement wo/plumbing

Water Supply: ☐ Individual ☒ Public ☐ Community

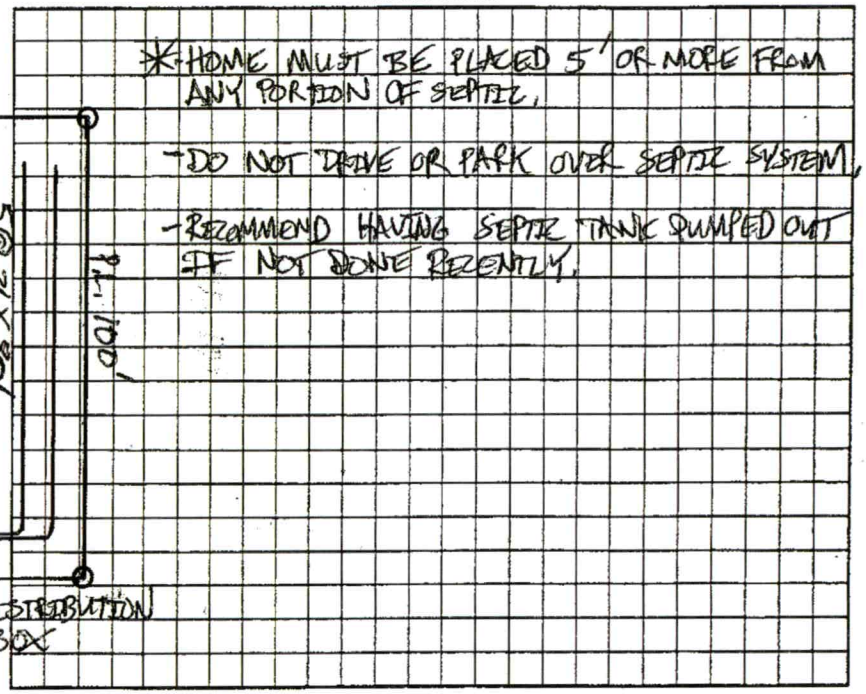
Comments/Conditions:

Comments/Conditions:

INITIAL SITE SKETCH




AS BUILT SKETCH




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. Improvement Permit with plat valid without expiration. ☐ Improvement Permit with site plan valid for sixty months ☒ Authorization to Construct is valid for a period equal to that of Improvement Permit – not to exceed sixty months.

Signed: ____ date ____

Improvement Permit by: ____ date ____

Authorization to Construct by: ____ date ____

Installed by: ____

Operation Permit by: ____ date ____

Existing System Inspection by: Patrick Mitchell date 08/02/06

HEALTH DEPT. COPY: WHITE OWNER COPY (FINAL): YELLOW OWNER COPY (INITIAL): PINK