# ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 2022-5371

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

PIN # 4751 -- 12 -- 9256

APPLICANT/OWNER: Chad Paxton APPLICANT ADDRESS: 418 Ostwalt Amity Rd Troutman 28166

SITE ADDRESS: 418 Ostwalt Amity Rd Troutman 28166 PHONE: (704)252-3753 ALT. PHONE

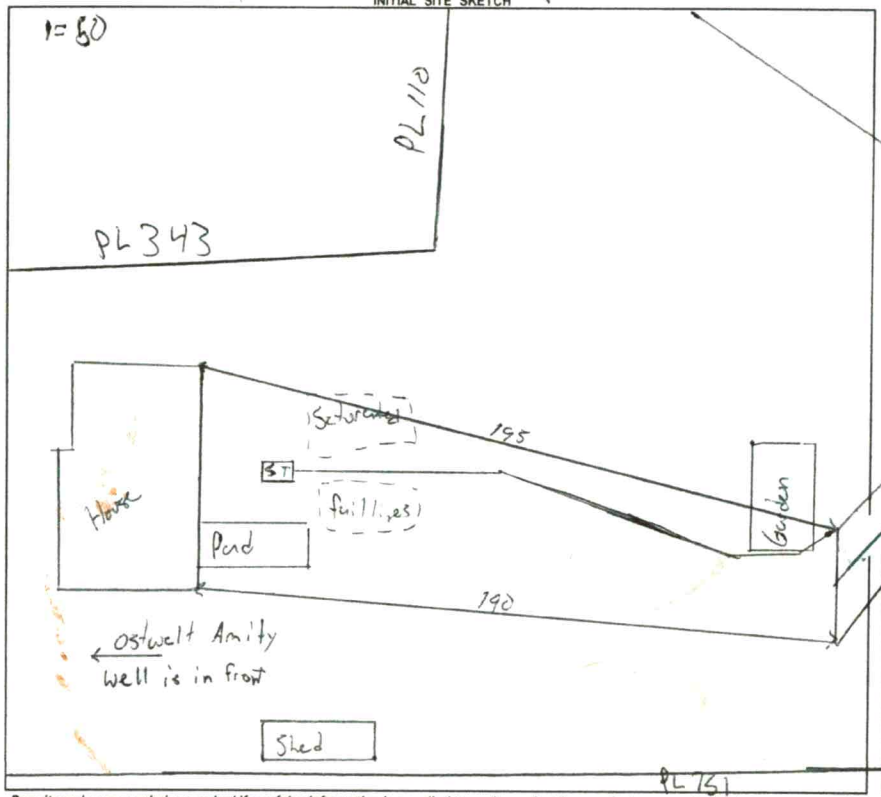
SITE DIRECTIONS: (2) Amity Hill, (R) Pilch Rd (R) Ostwalt Amity SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: - SECTION: - LOT # - LOT AREA: 1.92 AC DESIGN FLOW: 360 L.T.A.R.: .3

| | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Septic Tank | EX | (gal) | STB | | Date | | ☐ New System | ☑ Repair | ☐ Expansion | System Type: I II III IV V VI | | ☑ Residence | No. Bedrooms | 3 | Water Supply | | | | | | | | |
| Pump Tank | | (gal) | PT | | Date | | System Description: | 25% Reduction Serial | | | | ☐ Business | No. Persons | 6 | ☑ Private | | | | | | | | |
| Pump Make | | Model | | | Serial # | | Repair System Description: | | | | | ☐ Other | No. Employees | | ☐ Public | | | | | | | | |
| # Nitrification Fields | 1 | # Lines | 3 | | Linear Ft | 300 | Maintenance Agreement Required: | | ☐ YES | ☑ NO | | ☐ Slab | ☐ Crawl Space | | ☐ Community | | | | | | | | |
| Trench Width | 36 in | Trench Bottom Depth | Max | | 36 in | | Gravel Depth | N/A | ☑ GRAVITY | ☐ PRESSURE | | ☐ Basement w/plumbing | | | ☑ Basement w/o plumbing | | | | | | | | |

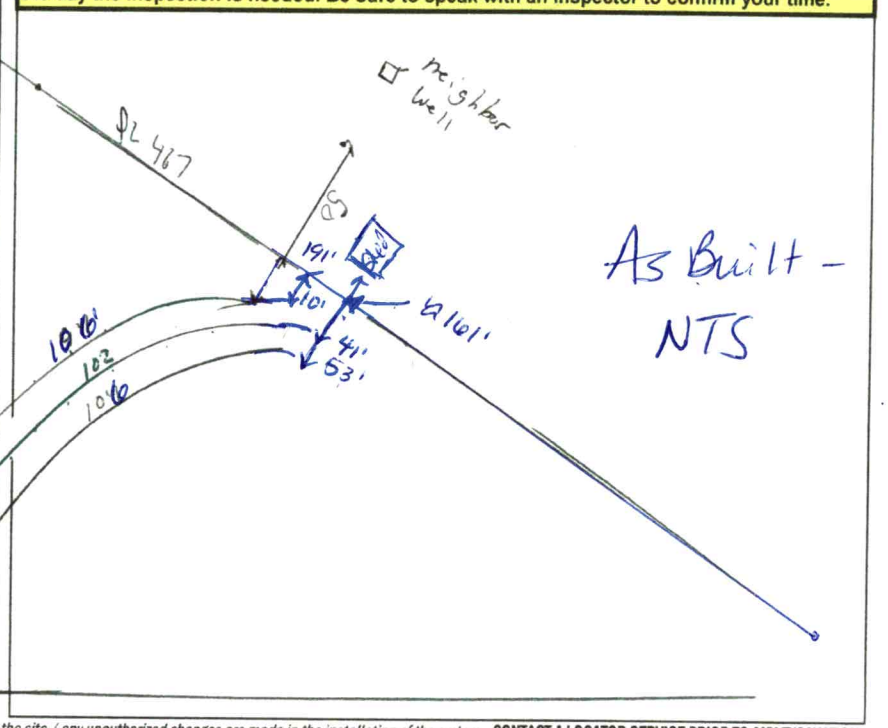
Comments / Conditions: Install on contour with Serial distribution and GPI on center. Home owner asked to avoid garden. Do not drive, park, or construct on septic.

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.




*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: Lantz Wastewater

IMPROVEMENT PERMIT by: [signature] Date: 10/26/22 OPERATION PERMIT by: D. Weber Date:

AUTHORIZATION TO CONSTRUCT by: [signature] Date: 10/26/22 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 | 12/20/22 | BW |
| 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 | GTR |
| Type of Distribution | (G) or P |
| Type of Failure/Malfunction | SD |
| Primary Cause of Failure/Malfunction | A |
| | |
| Age of System? | 62 |
| Initial or Repair? | I |

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SITE DIRECTIONS: ② Amity Hill, ⑧ Pilch Rd, ⑧ Ostwalt Amity SAP CONTROLLED: ☐ YES ☑ NO

SUBDIVISION: - SECTION: - LOT # - LOT AREA: 1.92 Ac DESIGN FLOW: 360 L.T.A.R.: .3

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Septic Tank | Ex | (gal) | STB | | Date | | | | |
| Pump Tank | | (gal) | PT | | Date | | | | |
| Pump Make | | Model | | | Serial # | | | | |
| # Nitrification Fields | 1 | # Lines | 3 | | Linear Ft | 300 | | | |
| Trench Width | 36 in | Trench Bottom Depth | Max | 36 in | Gravel Depth | N/A | | | |

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

System Description: 25% Reduction Serial

Repair System Description:

Maintenance Agreement Required: ☐ YES ☑ NO

☑ GRAVITY ☐ PRESSURE

☑ Residence No. Bedrooms 3

☐ Business No. Persons 6

☐ Other No. Employees

☐ Slab ☐ Crawl Space

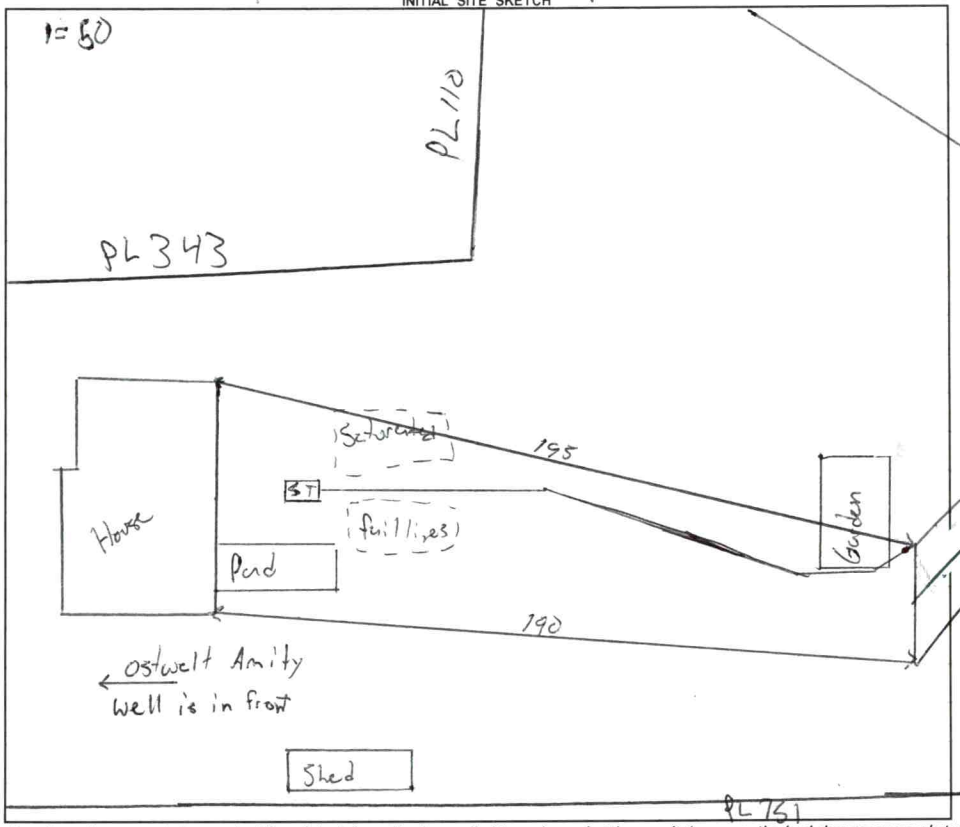
☐ Basement w/plumbing ☑ Basement w/o plumbing

**Water Supply**

☑ Private ☐ Public ☐ Community

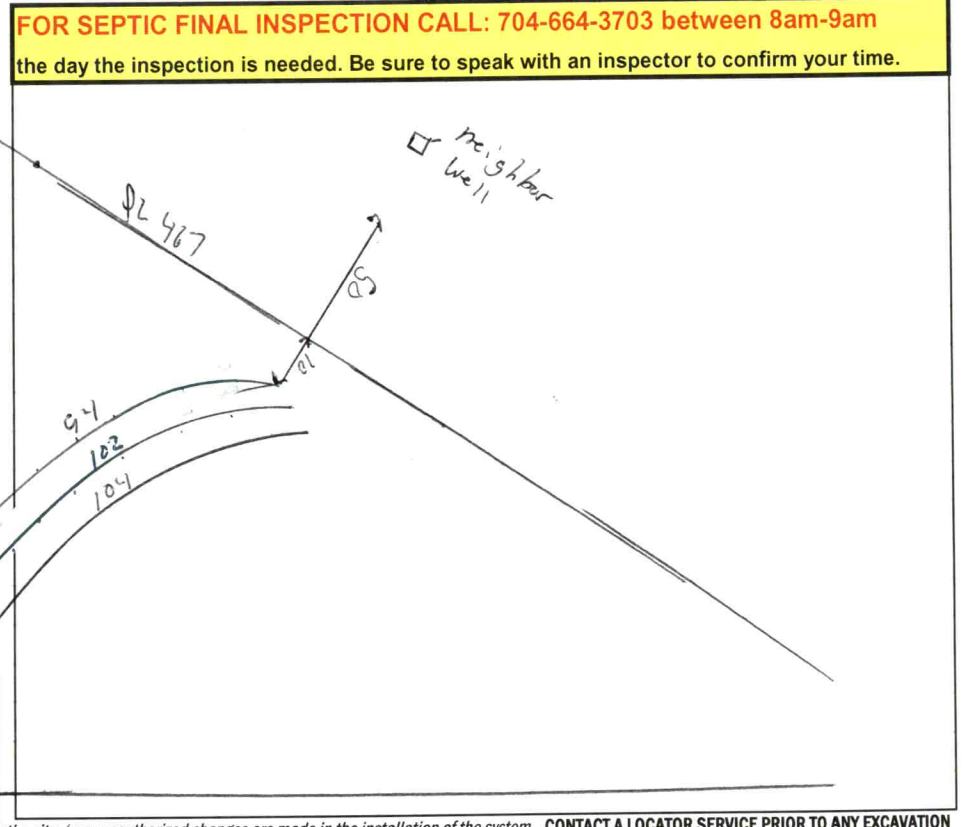
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INITIAL SITE SKETCH




AS BUILT SKETCH

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Owner / Applicant Signature: Online Signature Date: Installed by:

IMPROVEMENT PERMIT by: Date: 10/26/22 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Date: 10/26/22 Existing System Inspected by: Date:

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| Item | Date | Initials |
|---|---|---|
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| 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 #: 4751129257
COUNTY: Iredell

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

OWNER: Chad Deaton
APPLICATION DATE 9/23/22
ADDRESS: 418 Ostwalt Amity Rd
DATE EVALUATED: 10/24/22
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 320
PROPERTY SIZE: 1.92 Ac
LOCATION OF SITE: 418 Ostwalt Amity
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 | SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | OTHER PROFILE FACTORS .1943 SOIL DEPTH | OTHER PROFILE FACTORS .1956 SAPRO CLASS | OTHER PROFILE FACTORS .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|---|
| 1 | LS 1-3% | 0-6 | SCL/Gr | SS sp fr SE | – | 51 | Sap inclusions at 35 | – | PS .3 |
| | | 6-36 | C/SBK | S P fr SE | | | | | |
| | | 36-51 | CL/SBK | SS sp fr SE | | | | | |
| 2 | LS 8% | 0-7 | SCL/" | " " " " | – | 48 | Sap inclusions at 28 | – | PS .3 |
| | | 7-28 | C/" | " " " " | | | | | |
| | | 28-48 | CL/" | " " " " | | | | | |
| 3 | LS 9% | 0-8 | SCL/" | " " " " | YB at 38 | 54 | Sap inclusions at | Rock Perch at 40 | PS .3 |
| | | 8-32 | C/" | " " " " | | | | | |
| | | 32-54 | CL/" | " " " " | | | | | |
| 4 | | | | | | | | | |

| DESCRIPTION | INITIAL SYSTEM | REPAIR SYSTEM |
|---|---|---|
| Available Space (.1945) | 320 | 320 |
| System Type(s) | 2BR | 2BR |
| Site LTAR | .3 | .3 |

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Matthew Whitt
OTHER(S) PRESENT:

COMMENTS:

Updated February 2014

# LEGEND

***use the following standard abbreviations***

| LANDSCAPE POSITION | GROUP | SOIL TEXTURE | CONVENTIONAL .1955 LTAR* | LPP .1957 LTAR* | MINERALOGY/ CONSISTENCE | STRUCTURE |
|---|---|---|---|---|---|---|
| CC (Concave Slope)<br>CV (Convex Slope)<br>D (Drainage Way)<br>DS (Debris Slump)<br>FP (Flood Plain)<br>FS (Foot Slope)<br>H (Head Slope)<br>L (Linear Slope)<br>N (Nose Slope)<br>R (Ridge)<br>S (Shoulder Slope)<br>T (Terrace) | I | S (Sand)<br>LS (Loamy Sand) | 1.2 - 0.8 | 0.6 - 0.4 | SEXP (Slightly Expansive)<br>EXP (Expansive) | G (Single Grain)<br>M (Massive)<br>CR (Crumb)<br>GR (Granular)<br>SBK (Subangular Blocky)<br>ABK (Angular Blocky)<br>PL (Platy)<br>PR (Prismatic) |
| | II | SL (Sandy Loam)<br>L (Loam) | 0.8 - 0.6 | 0.4 - 0.3 | | |
| | III | Si (Silt)<br>SiCL (Silty Clay Loam)<br>CL (Clay Loam)<br>SCL (Sandy Clay Loam)<br>SiL (Silt Loam) | 0.6 - 0.3 | 0.3 - 0.15 | | |
| | | | | | **MOIST** | **WET** |
| | IV | SC (Sandy Clay)<br>SiC (Silty Clay)<br>C (Clay) | 0.4 - 0.1 | 0.2 - 0.05 | VFR (Very Friable)<br>FR (Friable)<br>FI (Firm)<br>VFI (Very Firm v. Very Sticky) | NS (Non-sticky)<br>SS (Slightly Sticky)<br>S (Sticky)<br>VS (Very Sticky) |
| | | O (Organic) | None | None | EFI (Extremely Firm) | NP (Non-plastic)<br>SP (Slightly Plastic)<br>P (Plastic)<br>VP (Very Plastic) |

*Adjust LTAR due to depth, consistence, structure, soil wetness, landscape, position, wastewater flow and quality.

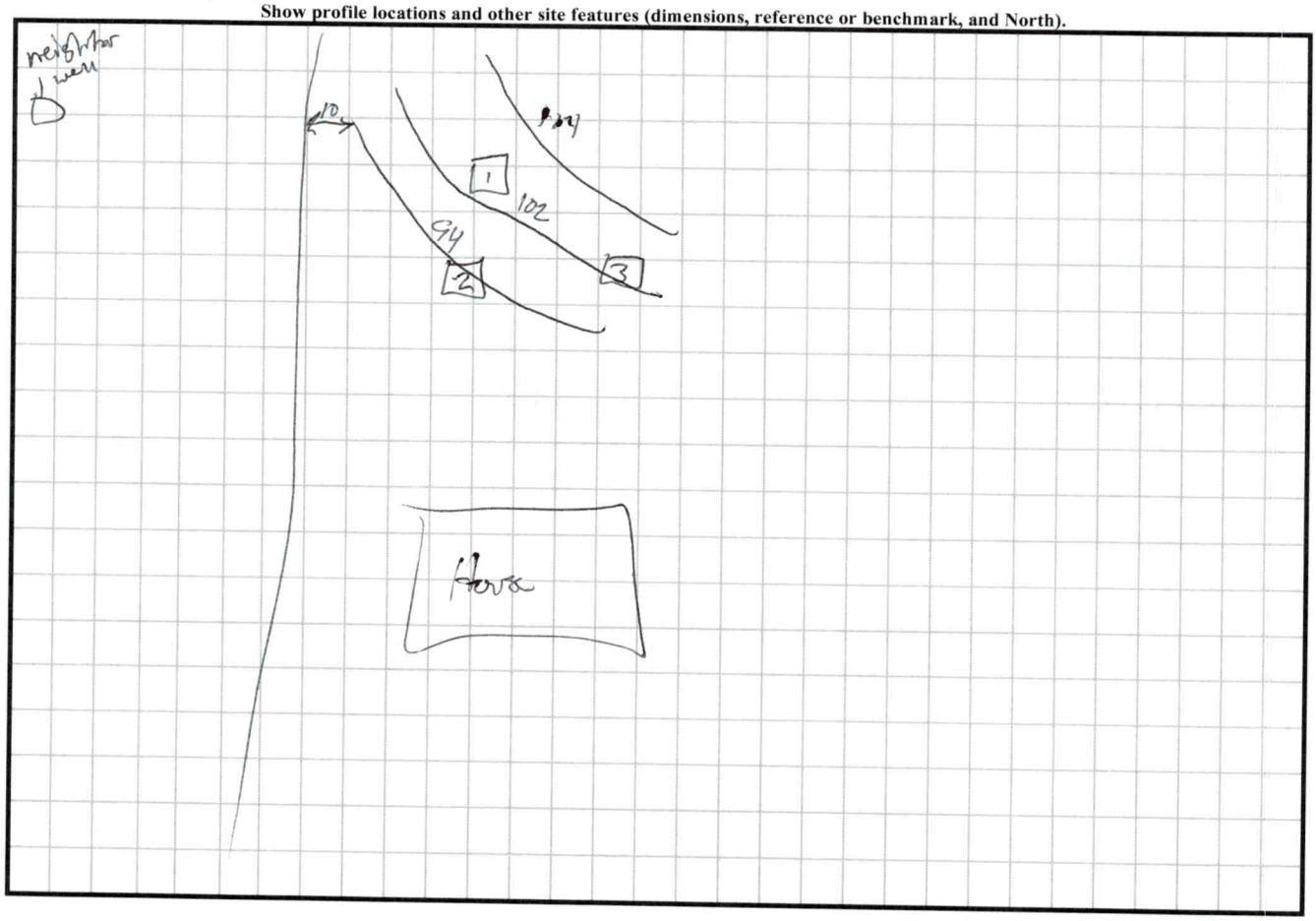
***NOTES***

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






**Tax Map Information**

| | |
|---|---|
| • PIN | 4751129256.000 |
| • Address | 418 OSTWALT AMITY RD |
| • Account # | Acct 80033054 |
| • Tax Owner | PAXTON CHAD BENJAMIN |
| • Mailing Address | 418 OSTWALT AMITY RD |
| • | TROUTMAN, NC 28166 |
| • GIS Owner | PAXTON CHAD B |
| • Deed Info | 2407 / 745 - WD - 20160304 |
| • Tax Acres | 1.92 AC |
| • Lot # | |
| • Description | ASHLEY SR1001 |
| • Zoning | RA |
| • Old Parcel # | 1604L00000B016 |
| • Bldg Value | $135,510 |
| • OBXF Value | $0 |
| • Land Value | $29,340 |
| • Total Value | $164,850 |
| • Defer Value | $0 |
| • Tax Districts | -ALLCOUNTY FIRE- - |

IREDELL COUNTY NC

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

Iredell County, North Carolina makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Print map scale is approximate. Critical layout or measurement activities should not be done using this resource.


1" = 50'
343
422
338
418
408
4751-22-0460
4751-22-14
751
110
4751-12-9256
TR
4751-11-5665
171
4751-22-1135
467
200
200
4751-21-0927
132
75
200