ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # AP 2022-12596 (OSWP)

SEPTIC: IMPROVEMENT PERMIT / AUTHORIZATION TO CONSTRUCT / OPERATION PERMIT / EXISTING SYSTEM (Relocation)

PIN # 4713 -- 51 --2830

APPLICANT/OWNER: Cathryn Hocking | APPLICANT ADDRESS: 167 Black Rd, Statesville NC 28677

SITE ADDRESS: 167 Black Rd, Statesville 28677 | PHONE: 704-622-3301 | ALT. PHONE

SITE DIRECTIONS: Celeste Eufola (L) Black Rd - Lot on (L) | SAP CONTROLLED: ☐ YES ☑ NO

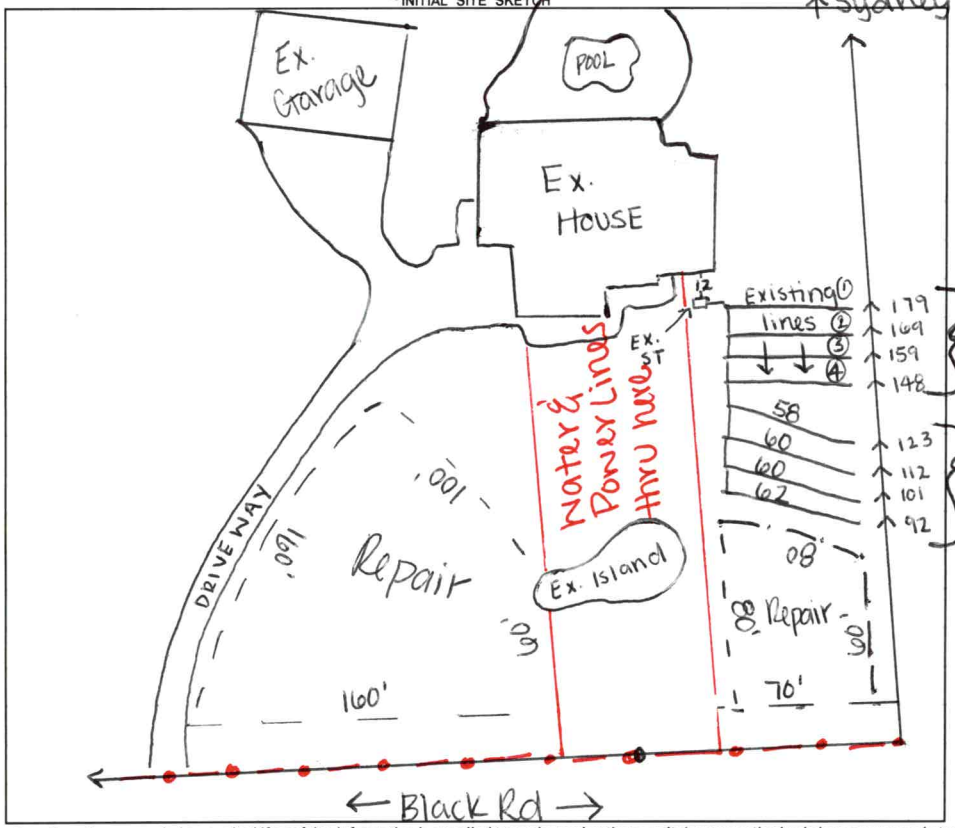
SUBDIVISION: Cathy Hocking | SECTION: — | LOT # 1 | LOT AREA: 5.45 | DESIGN FLOW: 480gpd | L.T.A.R.: .275

Septic Tank	Ex. (gal)	STB	Date	☐ New System ☐ Repair ☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms	4	Water Supply
Pump Tank	(gal)	PT	Date	System Description:	25% Reduction	☐ Business	No. Persons	8	☐ Private
Pump Make	Model		Serial #	Repair System Description:	25% Reduction	☐ Other	No. Employees		☑ Public
# Nitrification Fields	1	# Lines	Ex. + 4	Linear Ft	Ex + 240'	Maintenance Agreement Required:	☐ YES ☑ NO	☑ Slab	☐ Crawl Space		☐ Community
Trench Width	36"	Trench Bottom Depth(Low side)	30"	Gravel Depth		☑ GRAVITY	☐ PRESSURE	☐ Basement w/plumbing		☐ Basement w/o plumbing	

Comments / Conditions: Maintain 10' off water lines. Keep 15' from Power lines. Stay 10' off Property lines.
Pre-construction not required, but if needed call 704-880-4916

Cut existing lines 10' from property lines. Cut existing 120' lines down to line lengths as shown, use earth & dam to abandon lines across property lines.

INITIAL SITE SKETCH



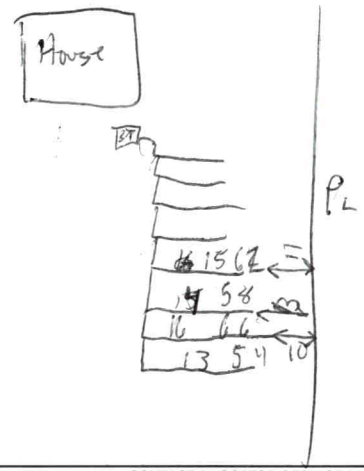
AS BUILT SKETCH

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"=80'

-·-·- Powerlines

*All lines are 10' off property line



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 | Date: 12/30/23 | Installed by: Lentz Wastewater

IMPROVEMENT PERMIT by: Sydney Holland | Date: 1/30/23 | OPERATION PERMIT by: [illegible] | Date: 4/12/23

AUTHORIZATION TO CONSTRUCT by: Sydney Holland | Date: 1/31/23 | Existing System Inspected by: | Date:

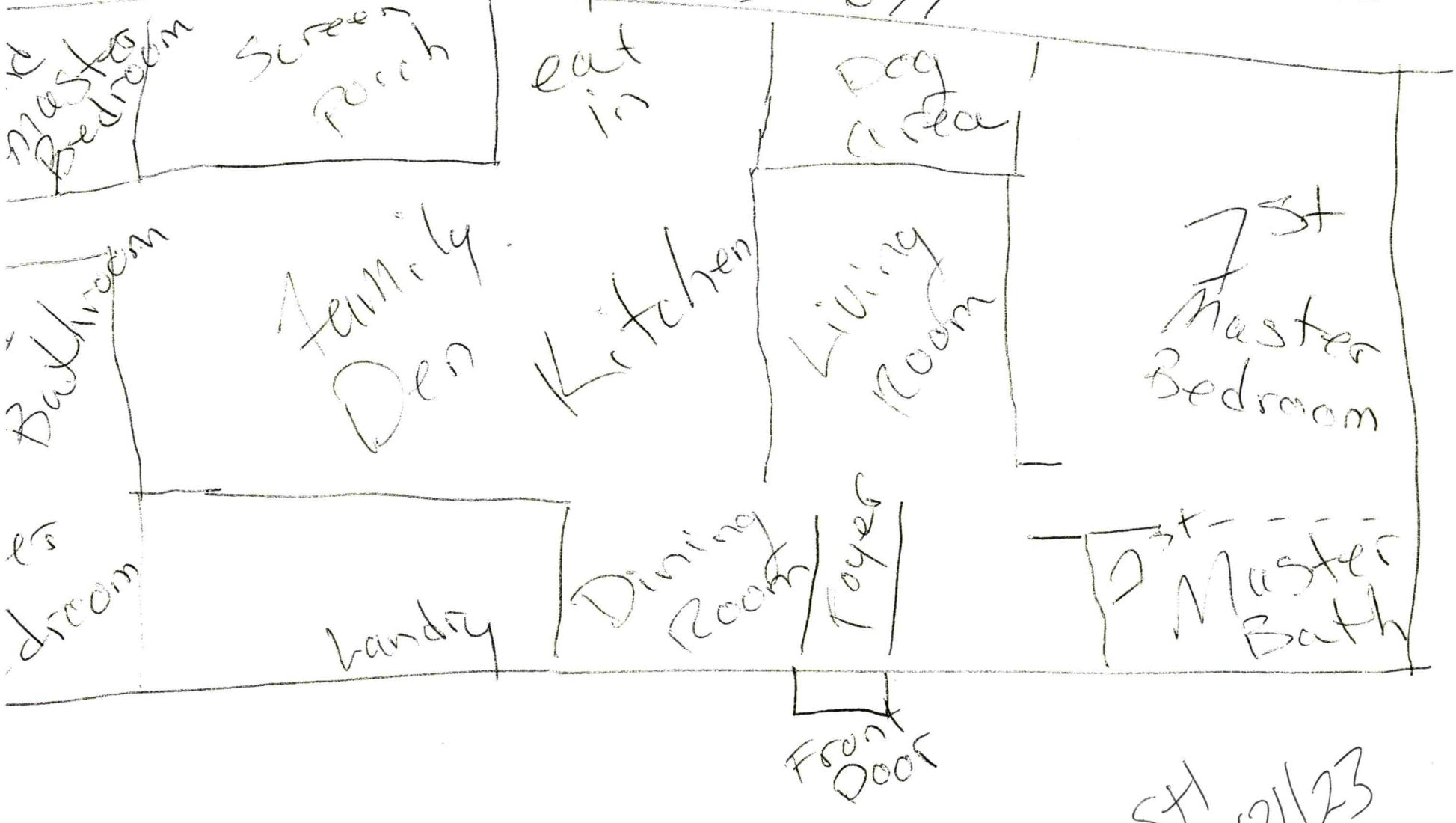
FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed.

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:		

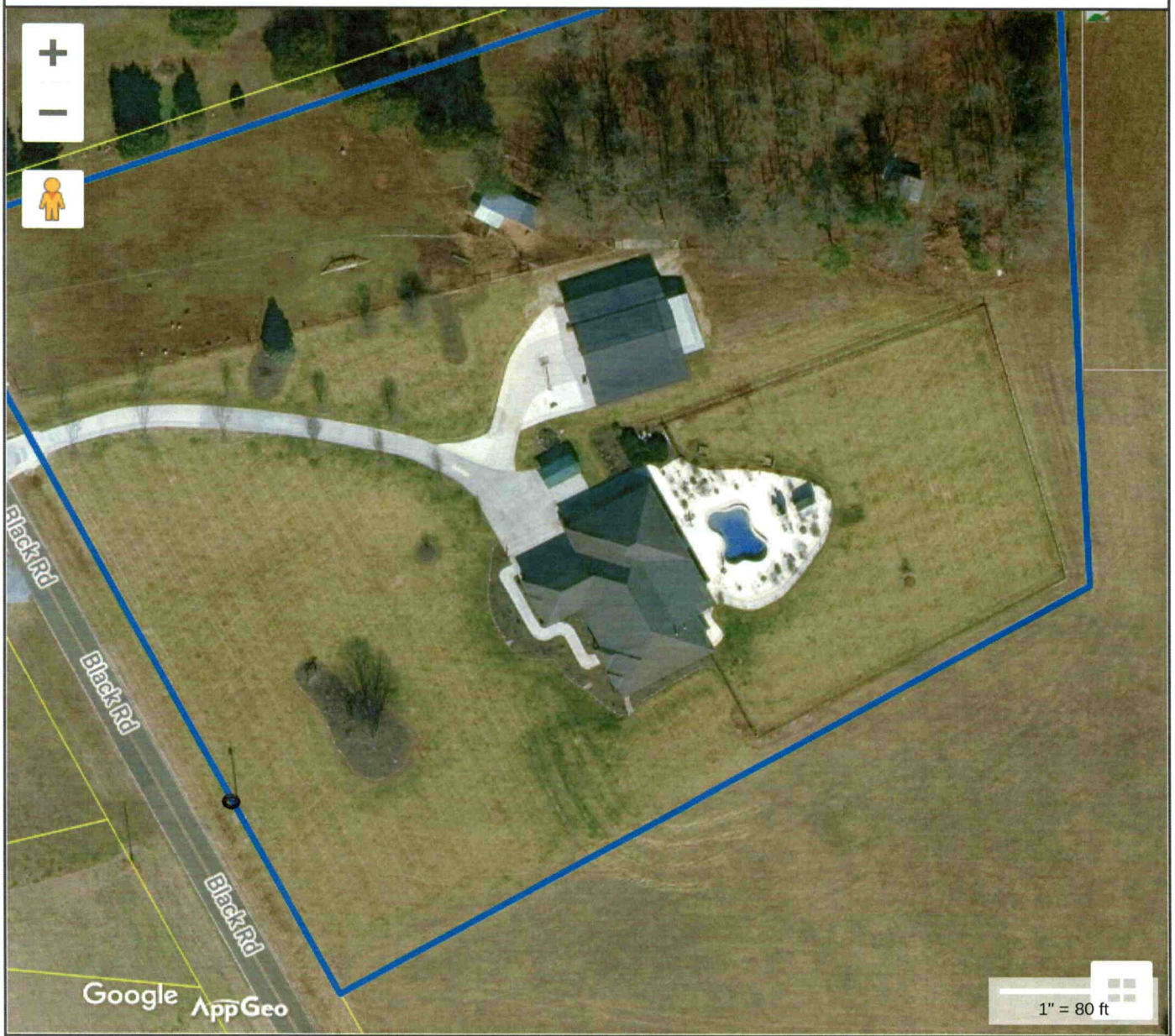
Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

167 Black Rd
Statesville, NC 28677

Cathy & Hocking
Inseparable Sisters
LLC



ST 1/31/23



Tax Map Information

• PIN	4713512830.000
• Address	165 BLACK RD
• Account #	Acct
• Tax Owner	
• Mailing Address	
•	,
• GIS Owner	INSEPARABLE SISTERS LLC
• Deed Info	2650 / 1035 - WD - 20191010
• Tax Acres	5.45
• Lot #	1
• Description	CATHY HOCKING PB78-3
• Zoning	
• Old Parcel #	
• Bldg Value	$0
• OBXF Value	$0
• Land Value	$0
• Total Value	$0
• Defer Value	$0
• Tax Districts	-- -

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" = 80'

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

Sheet 1 of 1
PROPERTY ID #: 4713512830
COUNTY: Iredell

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

OWNER: Cathryn Hocking
ADDRESS: 167 Black Rd Statesville NC 28677
PROPOSED FACILITY:
LOCATION OF SITE: 167 Black Rd, Statesville 28677
WATER SUPPLY: ☐ Private ☑ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☑ Pit ☐ Cut

APPLICATION DATE 12/30/22
DATE EVALUATED: 1/27/23
PROPOSED DESIGN FLOW (.1949):
PROPERTY SIZE:
PROPERTY RECORDED: yes
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	Linear 11% (4" s.c)	0-9	SCL SBK		few YB 32"+		mica incl common in CL		0.275 PS
		9-33	C SBK						
		33-48	CL SBK						
2	Linear	0-9	SCL SBK		few YB in CL Layer		sap incl common 19"+		0.275 PS
		9-36	C SBK/ABK						
		36-48	CL SBK						
3	Linear	0-9	SCL SBK				sap incl 30"+		0.3 B
		9-29	C SBK						
		29-48	CL SBK						
4	Linear	0-9	SCL SBK		YB 22"+				0.275 PS
		9-28	C SBK						
		28-48	CL SBK						

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		436.3'
System Type(s)		25%
Site LTAR	.275	.275

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): P.S
EVALUATED BY: S. Holland
OTHER(S) PRESENT: S. Bracken

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)	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.

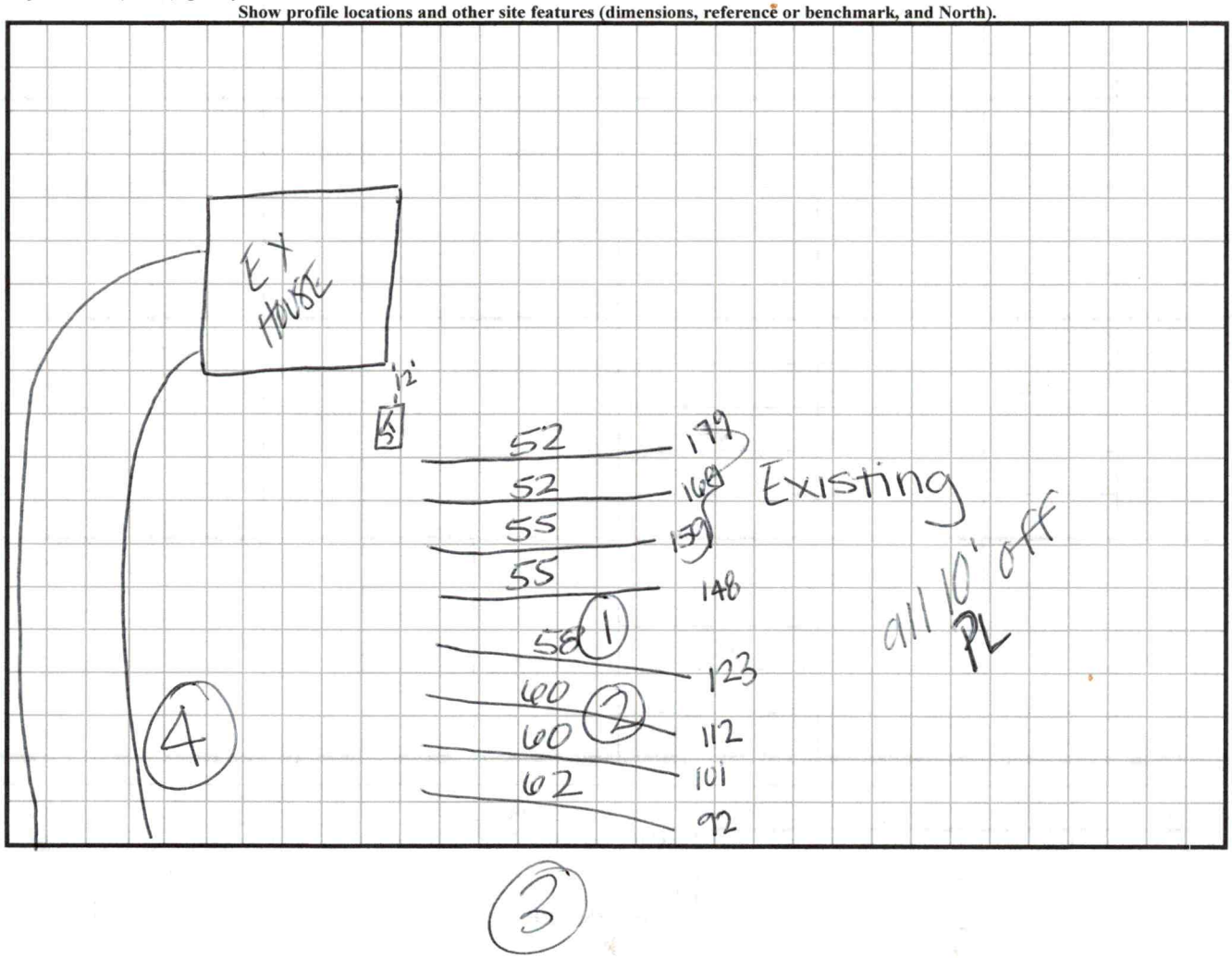
NOTES

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).



PERMIT SNAPSHOT REPORT OSWP-2022-12596 FOR IREDELL COUNTY

Pipe - 25'

Permit Type	Environmental Health OSWP	**Project:**		**App Date:**	12/30/2022
Work Class:	EH Septic Relocation Improvement Permit	**District:**	Iredell County	**Exp Date:**	NOT AVAILABLE
Status:	In Progress	**Square Feet:**	0.00	**Completed:**	NOT COMPLETED
Valuation:	$0.00	**Assigned To:**	Holland, Sydney	**Approval Expire Date:**	

Description: Move current leach lines that wrap around house to go straight down front yard

Parcel: 4713512830.000 Main	**Address:** 167 Black Rd Statesville, NC 28677 Main	**Zone:** RA(Residential Agricultural District)

Applicant/Authorized Agent	Property Owner
Cathryn Hocking	Cathryn Hocking
167 Black Road	167 Black Road
Statesville, NC 28677	Statesville, NC 28677
Mobile: (704) 622-3301	Mobile: (704) 622-3301

Permit Custom Fields

How is your site plan being submitted	Survey Plat	Does the site contain any jurisdictional wetlands	No	Non-domestic Sewage Generated	No
Other Public Agency	No	All proposed structure dimensions	There are no structures being built	What are the proposed structures	Other Addition/Structure
If other Addition/Structure, please explain	No structure is being built	Maximum Number of Bedrooms	0	Number of Occupants	2
Foundation Type	Concrete Slab Foundation	Residential/Business/Other	Residential	Number of Employees	0
Total number of seats	3	Water Supply	Other Public Water	Desired Septic System Type	Other
If other septic system type, please explain	Not changing tank just moving leach lines	If existing, Year existing system installed	2005	Additional Unique Setbacks Apply	No

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Cathryn_Hocking_12/30/2022.jpg	12/30/2022 17:47	Hocking, Cathryn		Uploaded via CSS
survey1_v1.pdf	01/03/2023 12:32	Nebel, Barbara	Available Online	Site Plan
167 BLACK RD AA.pdf	01/13/2023 15:43	Comeaux, Debra	Available Online	AA

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-53963	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	01/18/2023			01/18/2023 16:08	01/18/2023 16:08

Inspectors: Kobuck, Teanna (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-00007624	New Gravity System	$500.00	$500.00
	Total for Invoice INV-00007624	$500.00	$500.00
	Grand Total for Permit	**$500.00**	**$500.00**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		01/13/2023 15:19	01/13/2023 15:19
Confirm application complete v.1	Generic Action		01/13/2023 15:19

PERMIT SNAPSHOT REPORT (OSWP-2022-12596)

Fees v.1		01/13/2023 15:19	01/13/2023 15:19
Issue Invoice v.1	Generic Action		01/13/2023 15:19
Fees Paid v.1	Generic Action		01/13/2023 15:19
Lot Readiness Verification v.1		01/18/2023 16:07	
OSWP Septic Preliminary Site Visit v.1	Inspection	01/18/2023 16:07	01/18/2023 16:08
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		

Notice

* Property subject to any easements and right of way on record, and all NCDOT easements and rights of way.
* This survey is subject to any facts that may be disclosed by a full and accurate title search.
* This survey plat does not show any unrecorded, written or unwritten easements, dedications or other encumbrances. Such burdens could exist on this property and not appear on this plat. Accordingly, users of this plat are warned to remain alert for the existance of such unrecorded burdens not shown hereon.
* Area determined by coordinate computations.
* No NGS or NCGS Horiz. Control Monument found within 2,000 feet of site.
* As of the date of this recording the lots have not been inspected by the Iredell County Health Department. Until inspected there is no assurance that building permits will be issued.
* There is a 10' Drainage and Utility easement along all lot lines.
* Lots to be served by Individual Water and Sewer Systems.
* Total number of Lots: 1
* The Global Navigation Satellite System (GNSS) was used to perform to geospatial positioning accuracy standards, part 2 standards for geodetic networks at the 95% confidence accuracy classification (95% confidence) using real time kinematic. The following information was used:

Class of Survey: CLASS A
Positional Accuracy: 0.06'
Type of GPS Field Procedure: RTK
Dates of Survey: 07/07/2022 - 07/13/2022
Datum/Epoch: NAD83 (2011)
Published/Fixed-Control Use: VRS
GEOID Model: 2018
Combined Grid Factor: 0.99986958
Units: US Survey Feet

That this plat was prepared in accordance with G.S. 47-30 as amended. That this plats meets the requirement of G.S. 47-30. I further certify that this survey creates a subdivision of land within the area of a county or municipality that has ordinance that regulates parcels of land.

Witness this my original signature, registration number and seal this 22nd day of July, 2022 A.D.

Ted M. Benbow NC PLS L-3175
Firm License # C-1588

NORTH CAROLINA PROFESSIONAL SEAL L-3175 LAND SURVEYOR TED M. BENBOW

Unless otherwise indicated, all distances shown are horizontal ground distances. To convert to grid distance, multiply the ground distance by the combined factor.

Certificate of Approval for Recording:

I hereby certify that the subdivision plat shown hereon has been found to comply with the Subdivision Regulations of the County of Iredell, North Carolina and that this plat has been approved by the Subdivision Administrator for recording in the Office of the Register of Deeds of Iredell county

Subdivision Administrator _____ Date _____

TED BENBOW Land Surveying
Proudly Surveying Iredell County
Since 1989
630 SIGNAL HILL DRIVE EXT., STATESVILLE, NC 28625
PHONE (704) 878-9661
www.boundarydevelopment.com

Boundary

Course	Bearing	Distance
L1	N 27°59'36" W	515.61' Total

Proposed Easement

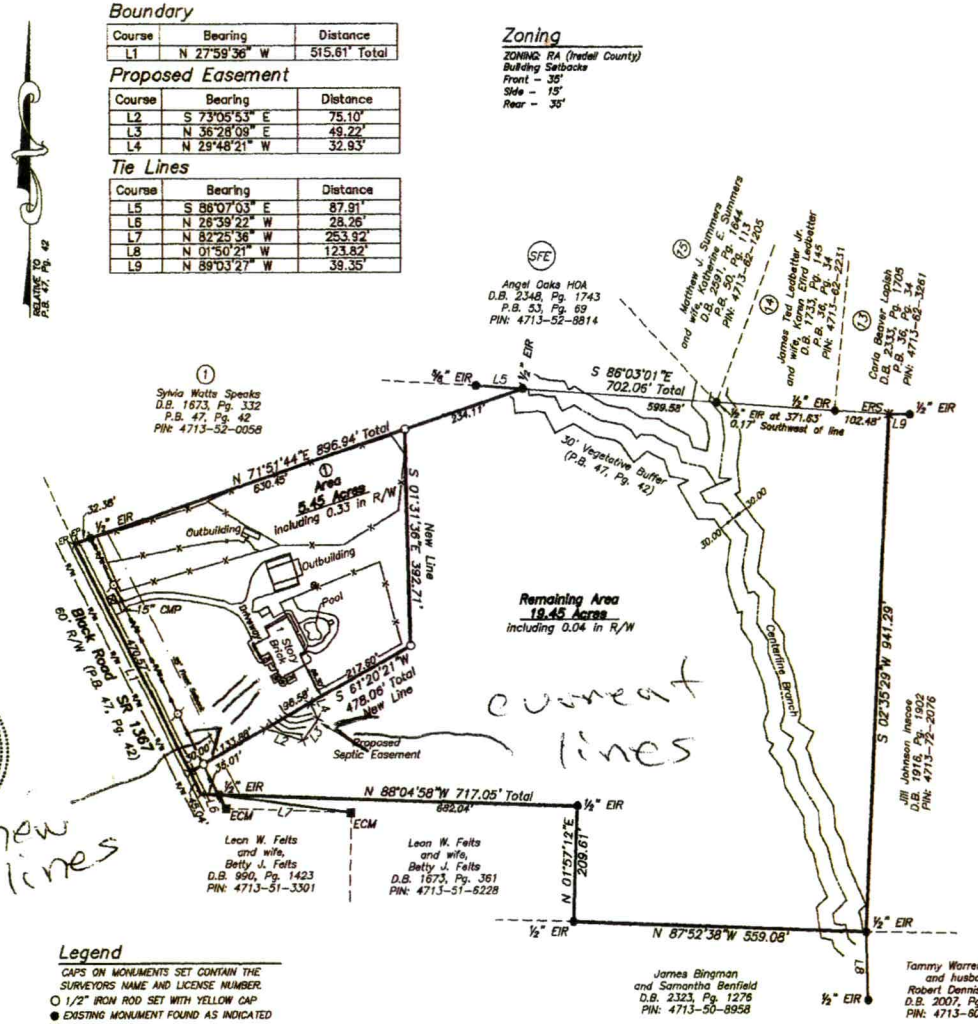
Course	Bearing	Distance
L2	S 73°05'53" E	75.10'
L3	N 36°28'09" E	49.22'
L4	N 29°48'21" W	32.93'

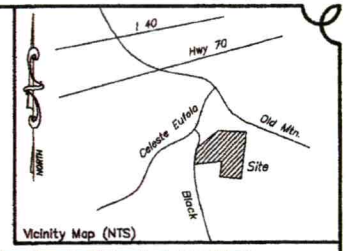
Tie Lines

Course	Bearing	Distance
L5	S 86°07'03" E	87.91'
L6	N 28°39'22" W	28.26'
L7	N 82°25'36" W	253.92'
L8	N 01°50'21" W	123.82'
L9	N 89°03'27" W	38.35'

Zoning

ZONING: RA (Iredell County)
Building Setbacks
Front - 35'
Side - 15'
Rear - 35'





Water Supply Watershed Certificate:

To the best of my knowledge this plat lies within WS-IV Protected Area water supply watershed designated by the North Carolina Division of Environmental Management as appears on the Watershed Protection Map of Iredell County, North Carolina.

Subdivision Administrator _____ Date _____

Review Officer Certificate

State of North Carolina
County of Iredell

I, _____ Review Officer for Iredell County certify that the map or plat to which this certification is affixed meets all statutory requirements for recording.

Review Officer _____ Date _____

Certificate of Ownership & Dedication

Knowing all men by these presents, that I (we) certify that I am (we are) the owner(s) of the property shown and described hereon and that I (we) hereby acknowledge this plat and allotment to be my free act and deed.

Name / Position (Pres., VP, Chairman, etc.) _____ Date: _____

Notary

North Carolina, Iredell County

I, _____, a Notary Public for said county and state do hereby certify that _____ owner(s) personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal,

this the _____ day of _____, 2022.

Notary Public

My commission expires: _____

Legend

CAPS ON MONUMENTS SET CONTAIN THE SURVEYORS NAME AND LICENSE NUMBER.

- ○ 1/2" IRON ROD SET WITH YELLOW CAP
- ● EXISTING MONUMENT FOUND AS INDICATED
- × COMPUTED POINT
- ✳ MONUMENT AS INDICATED
- UTILITY POLE
- GAS METER
- ELECTRIC METER
- CLEAN OUT
- MAILBOX
- WATER METER
- IRRIGATION CONTROL VALVE
- EIR ..... EXISTING IRON ROD AS SHOWN
- ERS ..... EXISTING RAILROAD SPIKE
- PIN ..... PARCEL IDENTIFICATION NUMBER
- EP ..... EDGE OF PAVEMENT
- R/W ..... RIGHT OF WAY
- NTS ..... NOT TO SCALE
- CMP ..... CORRUGATED METAL PIPE
- LINE SURVEYED
- TIE LINE SURVEYED
- LINE NOT SURVEYED
- R/W — RIGHT-OF-WAY LINE
- —X— FENCE LINE
- —OE— OVERHEAD UTILITY LINE
- STREAM/CREEK LINE
- OVERHEAD UTILITY LINE

Flood Hazard Area Certificate

According to mapping provided by the Federal Emergency Management Agency and shown on the Digital Flood Insurance Rate Map (DFIRM) Panel 4702, Iredell County, North Carolina, effective date: 03/18/2008, the property shown hereon is not located within a special flood hazard area. The property is entirely within an area designated "Zone X - other areas". Areas determined to be outside the 0.2% annual chance floodplain: areas outside future conditions 1% annual chance floodplain.

150 0 150 300 450
GRAPHIC SCALE - 1" = 150'

Minor Subdivision Plat For:

Cathy Hocking

Shiloh Township, Iredell County, NC
Owners of Record: Inseparable Sisters, LLC
Deed Reference: D.B. 2650, Pg. 1035
Plat Reference: P.B. 47, Pg. 42
PIN: 4713-51-7737
Job Number: 2206228.DWG (2206228.CRD)
Field Work: 07/13/2022
Plat Date: 07/22/2022 Drawn By: DP

IREDELL COUNTY HEALTH DEPARTMENT

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

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

PERMIT# B1020 PIN# 4713-51-7737 DATE 9-20-05

OWNER OR CONTRACTOR MALTBY & LARD PROPERTIES PHONE: Business 704-902-3907 Home

ADDRESS PO BOX 56 CATAWBA, NC 28609

LOCATION 40 WEST (A) ONTO (B) CELESTE EUFOLA (L) BLACK RD PROPERTY ON LEFT ≈ 1/2 mile

SUBDIVISION Wooten Acr BLOCK / SECTION LOT 2 LOT AREA 24.88 AC SITE CLASS PS DESIGN FLOW 480 L.T.A.R. .25

Septic Tank: 1000 Gallons; STB 1012 Date 8-5-05
Pump Tank: Gallons; PT Date
Pump Make: Model Serial No.
Nitrification Field: No Fields 1 Square Feet EU=1920' Linear Feet 480'
No Lines 4x120' Trench Width 36' Min. Trench Bottom Depth 36" Gravel Depth N/A

[X] New System ☐ Repair System Type: I II III IV V VI
System Description: 60AN 2546 REDUCT
Repair System Description: PUMP/60AN SAME
Maintenance Agreement Required: ☐ Yes [X] No

[X] House/Mod. Home No. Bedrooms 4
☐ Mobile Home No. Bathrooms 3
☐ Business No. Employees
☐ Other
[X] Slab ☐ Crawl Space ☐ Basement w/plumbing ☐ Basement wo/plumbing

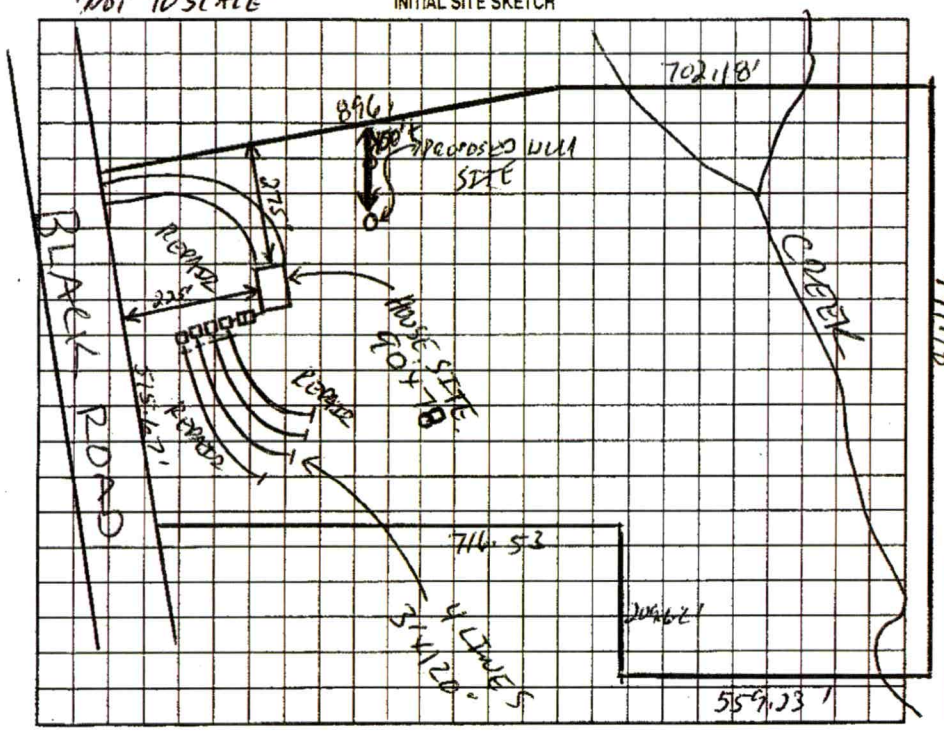
Water Supply: ☐ Individual [X] Public ☐ Community

Comments/Conditions: (1) NOTE MAXIMUM TRENCH BOTTOM DEPTH. (2) INSTALL LINES 36" DEEP (3) CALL PRIOR TO INSTALLATION FOR FLAGOUT (4) MAINTAIN SETBACKS (5) INSTALL LINES ON CONTOURS (6) PUBLIC

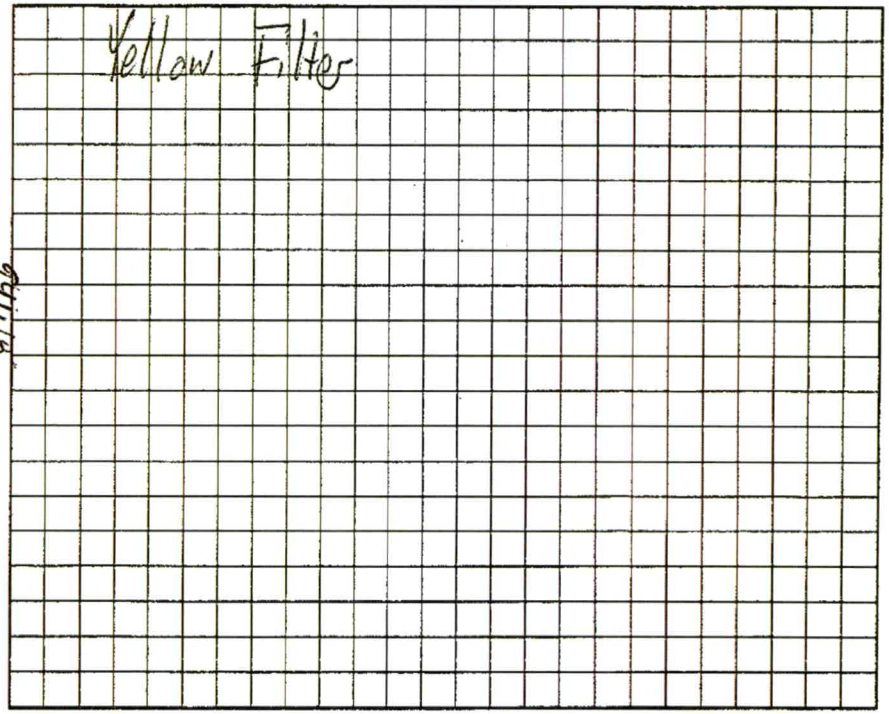
Comments/Conditions: H2O IS AVAILABLE; IF WELL IS DRILLED, KEEP HOUSE 25' MINIMUM & ANY PART OF SEPTIC 100' AWAY.

"NOT TO SCALE"

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 9-28-05 Installed by: Tommy Frye

Improvement Permit by: RS date 9-20-05 Operation Permit by: date 4-4-06

Authorization to Construct by: RS date 9-22-05 Existing System Inspection by: date

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