CW MANF-2024-44612

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # OSWP 2023 29743

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

PIN # 4703 -- 11 -- 0602

APPLICANT/OWNER: Teodora Chis APPLICANT ADDRESS: 125 41st Ave NW Hickory NC 28601

SITE ADDRESS: 176 Hidden Brook Dr Statesville NC 28677 PHONE: 7349041988 ALT. PHONE —

SITE DIRECTIONS: Hickory Hwy → (L) Hidden Brook → site on (R) SAP CONTROLLED: [X] YES [ ] NO

SUBDIVISION: Meadow Creek SECTION: 3 LOT # 14 LOT AREA: 0.55 DESIGN FLOW: 360 L.T.A.R.: 0.275

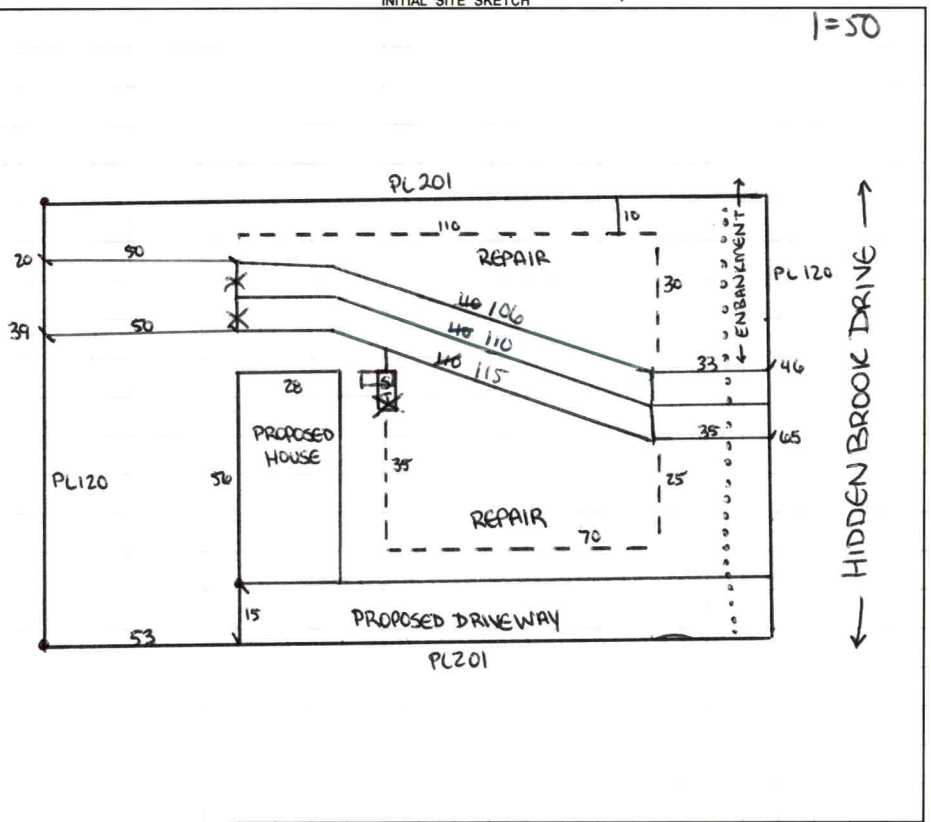
Septic Tank	1000	(gal)	STB 384	Date	1-5-24	[X] New System	[ ] Repair	[ ] Expansion	System Type: I II (III) IV V VI	
Pump Tank		(gal)	PT	Date		System Description:	Gravity 25% Reduction			
Pump Make		Model		Serial #		Repair System Description:	25% Reduction			
# Nitrification Fields	1	# Lines	3	Linear Ft	328	Maintenance Agreement Required:	[ ] YES	[X] NO		
Trench Width	36"	Trench Bottom Depth(Low side)	30	Gravel Depth	—	[X] GRAVITY	[ ] PRESSURE			

[X] Residence	No. Bedrooms	3	Water Supply
[ ] Business	No. Persons	6	[ ] Private
[ ] Other	No. Employees	—	[X] Public
[ ] Slab	[X] Crawl Space		[ ] Community
[ ] Basement w/ plumbing			[ ] Basement w/o plumbing

Comments / Conditions: Do not pave, grade, park, or construct over septic area. Install lines on contour utilizing serial distribution. Do not exceed 36" maximum trench depth.

See attached floorplans.

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.

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.* [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 Date: — Installed by: K & M Grading

IMPROVEMENT PERMIT by: Sarah Williams Date: 8/16/23 OPERATION PERMIT by: Cory Whit Date: 3/19/24

AUTHORIZATION TO CONSTRUCT by: Sarah Williams Date: 1/10/2024 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 #:
COUNTY: IREDELL

4703110602

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

OWNER: Teodora Chis
ADDRESS: 125 41st Ave NW Hickory NC 28601
PROPOSED FACILITY: SFR (DW)
LOCATION OF SITE: 176 Hidden Brook Dr Statesville NC 28677
WATER SUPPLY: Private (Public) ~~Well~~ Spring Other –
EVALUATION METHOD: Auger Boring (Pit) Cut

APPLICATION DATE 7/2/2023
DATE EVALUATED: 8/8/2023
PROPOSED DESIGN FLOW (.1949): 360
PROPERTY SIZE: 0.55AC
PROPERTY RECORDED: Y
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	LS 15%	0-10	CL SBK	SS SP SE VFR	heavy SAP incl in CL few browns in C	(48)	–	–	PS 0.275
		10-32	C SABK	SS SP SE FR					
		32-48	CL ABK	SS SP SE FR					
2	LS 15%	0-5	L SBK	SS SP SE VFR	heavy SAP in CL	(47) +4" SAP conversion	–	–	PS 0.275
		5-12	CL SBK	SS SP SE FR					
		12-31	C SABK	SS SP SE FR					
		31-47	CL ABK	SS SP SE FR					
		47-55	L SAP M	NS NP SE VFR					
3	LS 15%	0-5	L SBK	SS SP SE VFR	heavy SAP in CL	(49)	–	–	PS 0.275
		5-23	CL ABK	SS SP SE FR					
		23-36	C SABK	SS SP SE FR					
		36-49	CL ABK	SS SP SE FR					
4	LS 15%	0-13	CL SBK	SS SP SE FR	R/C SAP INCL 34"+ ROCK N/C 34"+	(49)	–	–	PS 0.275
		13-32	C SABK	SS SP SE FR					
		32-49	CL ABK	SS SP SE FR					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	328	328
System Type(s)	G 25 %	25 %
Site LTAR	0.275	0.275

OTHER FACTORS (.1946): –
SITE CLASSIFICATION (.1948): PS 0.275
EVALUATED BY: S. Williams
OTHER(S) PRESENT: –

COMMENTS: 6" SLOPE CORRECTION

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.

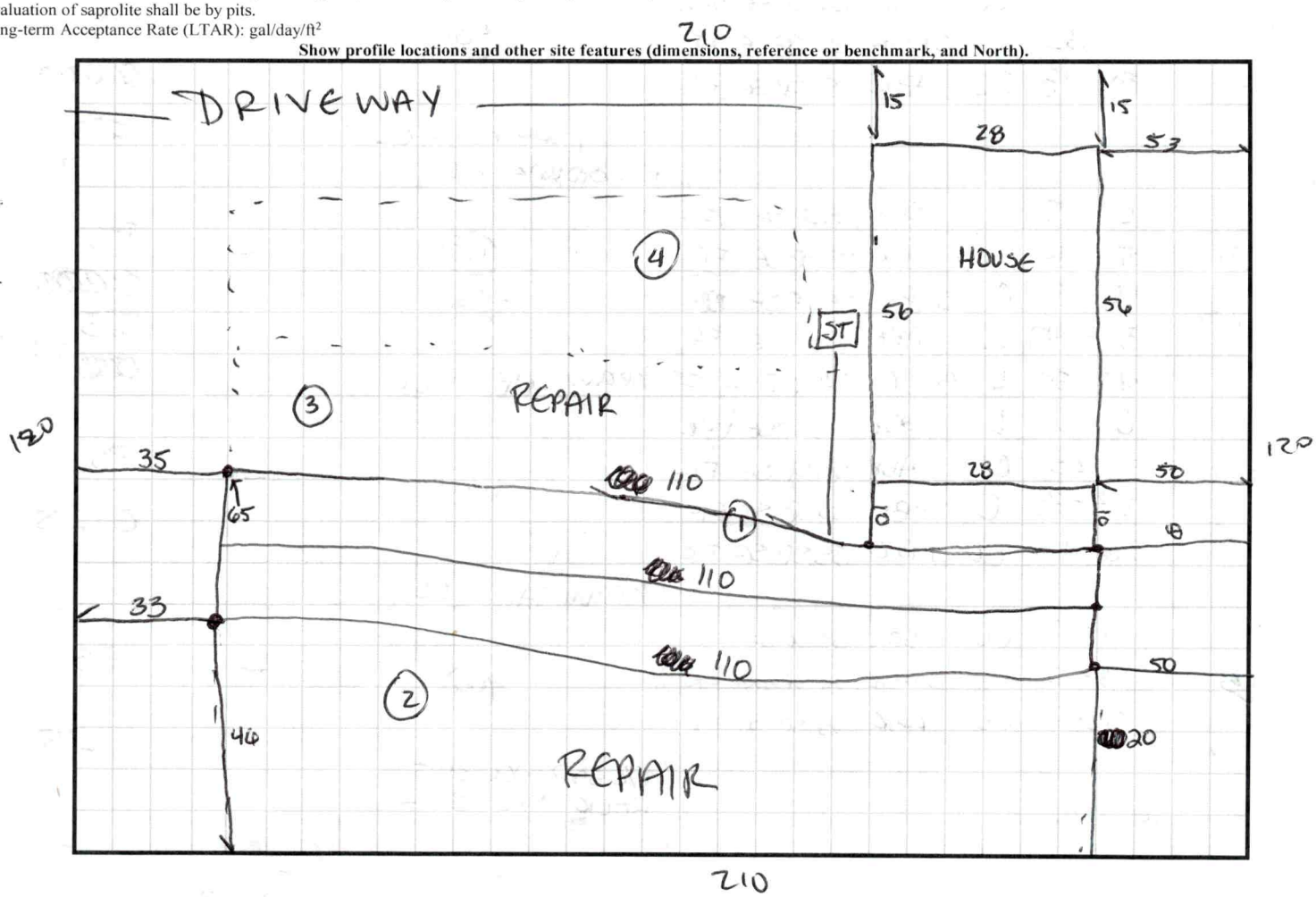
NOTES

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/ft²

Show profile locations and other site features (dimensions, reference or benchmark, and North).



PERMIT SNAPSHOT REPORT OSWP-2023-29743 FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Work Class: EH Septic Permit
Status: In Progress
Valuation: $0.00
Description: IP/AC perk test needed- Requested Bryant

Project:
District: Iredell County
Square Feet: 0.00
Assigned To: Bracken, Sarah

App Date: 07/02/2023
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Parcel: 4703110602.000 Main

Address: 176 Hidden Brook Dr Main
Statesville, NC 28677

Zone: RA(Residential Agricultural District)

Property Owner
Teodora Chis
125 41st ave nw
hickory, NC 28601
Mobile: (734) 904-1988

Applicant/Authorized Agent
Teodora Chis
125 41st ave nw
hickory, NC 28601
Mobile: (734) 904-1988

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
What are the proposed structures	Manufactured Home	Type of New Single-Family Residence	Mobile Home	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	6	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Water Supply	Municipal Water	Desired Septic System Type	Conventional (most common)
Lot Acreage	0.55	Front Setback	35	Back Setback	35
Left Setback	15	Right Setback	15	Zoning Permit Issued Date	Jul 12 2023 12:00AM
Zoning Permit Expiration Date	Jan 8 2024 12:00AM	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-2023-29743)

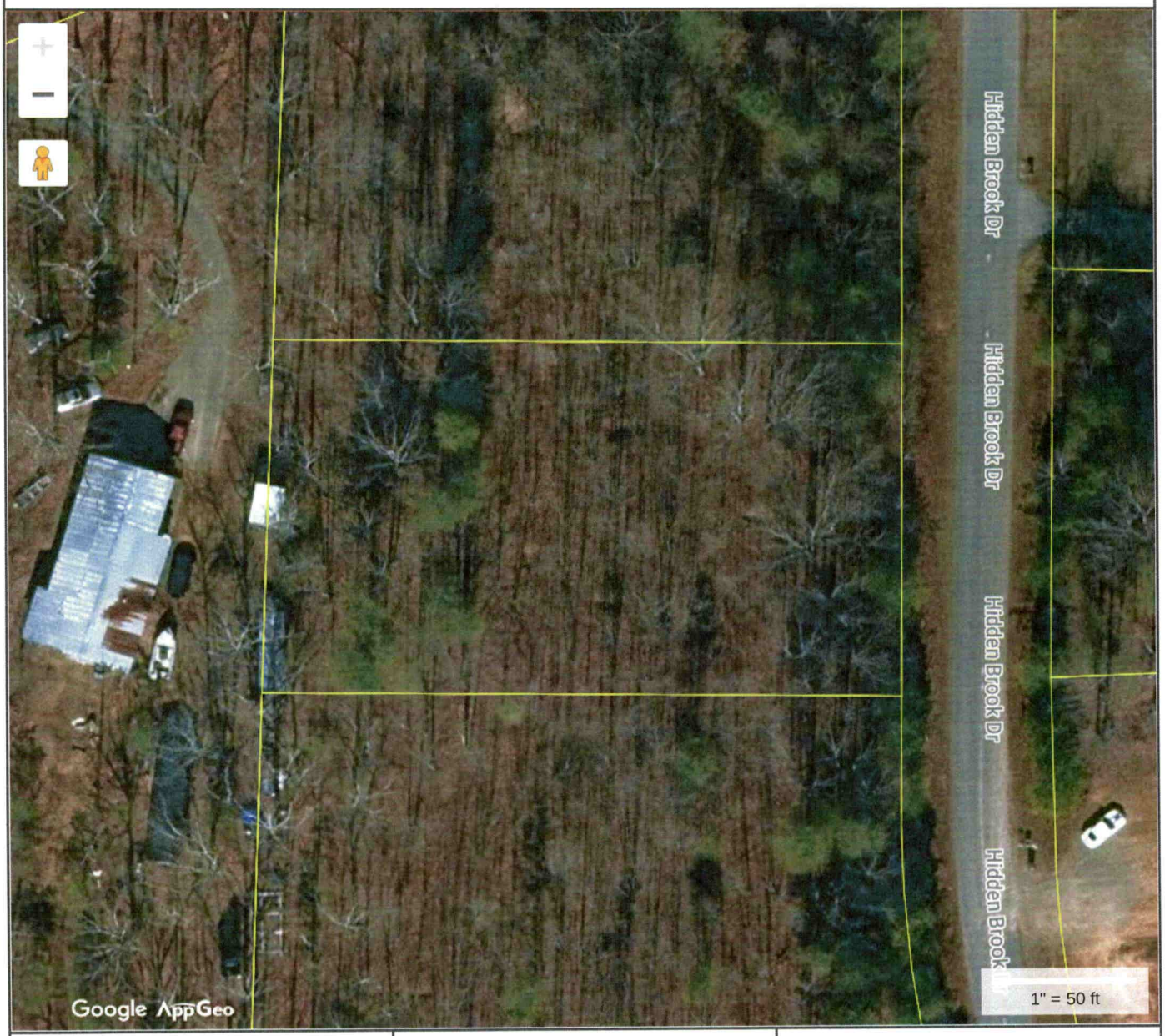
Additional Unique Setbacks Apply	No	Watershed	WSIV PA CATAWBA/LAKE NORMAN

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Teodora_Chis_7/2/2023.jpg	07/02/2023 18:31	Chis, Teodora		Uploaded via CSS
permission to perk test lot 14_v1.pdf	07/05/2023 7:39	Nebel, Barbara	Available Online	Authorize to Act as Agent
Site Plan 176 Hidden Brook_v1.pdf	07/06/2023 8:47	Bailey, Julia	Available Online	Site Plan

Note	Created By	Date and Time Created
1. 7/17/23	Sydney Holland	07/17/2023 7:51

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00017263	Iredell Zoning Tech Fee	$2.25	$2.25
	New Gravity System	$500.00	$500.00
	Iredell Zoning Permit Fee	$75.00	$75.00
	Total for Invoice INV-00017263	$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		07/05/2023 7:40	07/05/2023 7:40
Confirm application complete v.1	Generic Action		07/05/2023 7:40
Environment Health Inspections v.1			
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		
Fees v.1		07/11/2023 9:26	07/13/2023 15:14
Issue Invoice v.1	Generic Action		07/11/2023 9:26
Fees Paid v.1	Generic Action		07/13/2023 15:14
Zoning Review v.1		07/05/2023 7:40	07/13/2023 14:43
~~Floodplain Admin Overview v.1~~	Task		07/06/2023 8:50
Iredell County Zoning Approval v.1	Task	07/05/2023 7:40	07/13/2023 14:43
Issue Invoice v.1	Generic Action		07/06/2023 8:50
Fees Paid v.1	Generic Action		07/13/2023 14:43
Lot Readiness Verification v.1			
OSWP Septic Preliminary Site Visit v.1	Inspection		
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		



Tax Map Information

• PIN	3783294752.000
• Address	166 SUMMERHUT LN
• Account #	Acct
• Tax Owner	
• Mailing Address	
•	,
• GIS Owner	PROFFIT TED+JOY L
• Deed Info	2921 / 76 - WD - 20220520
• Tax Acres	2.07
• Lot #	1
• Description	TED PROFFIT PB79-10
• Zoning	
• Old Parcel #	
• Bldg Value	$0
• OBXF Value	$0
• Land Value	$0
• Total Value	$0
• Defer Value	$0
• Tax Districts	-- -

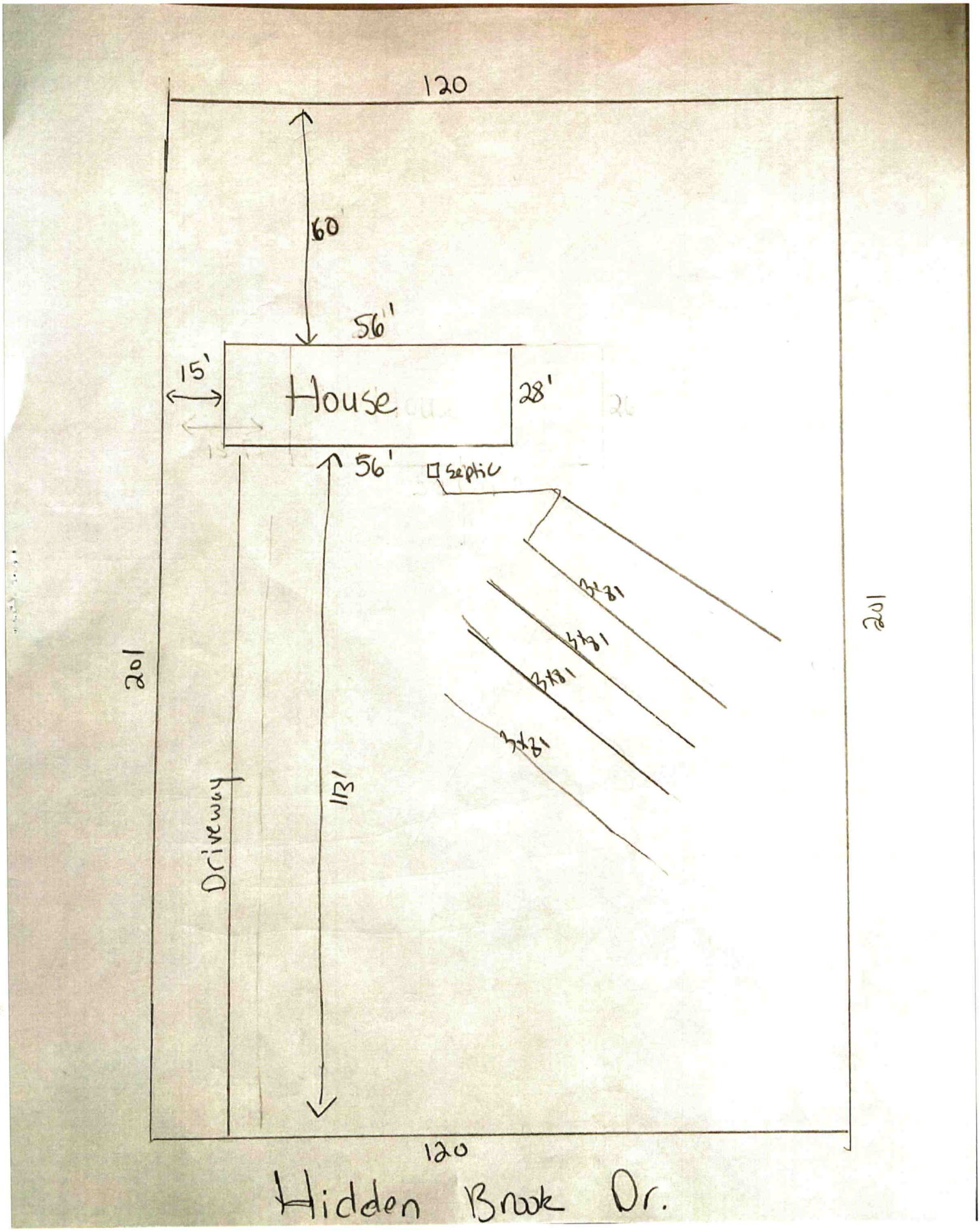
IREDELL COUNTY NC

MAP FOR REFERENCE ONLY
NOT A LEGAL DOCUMENT

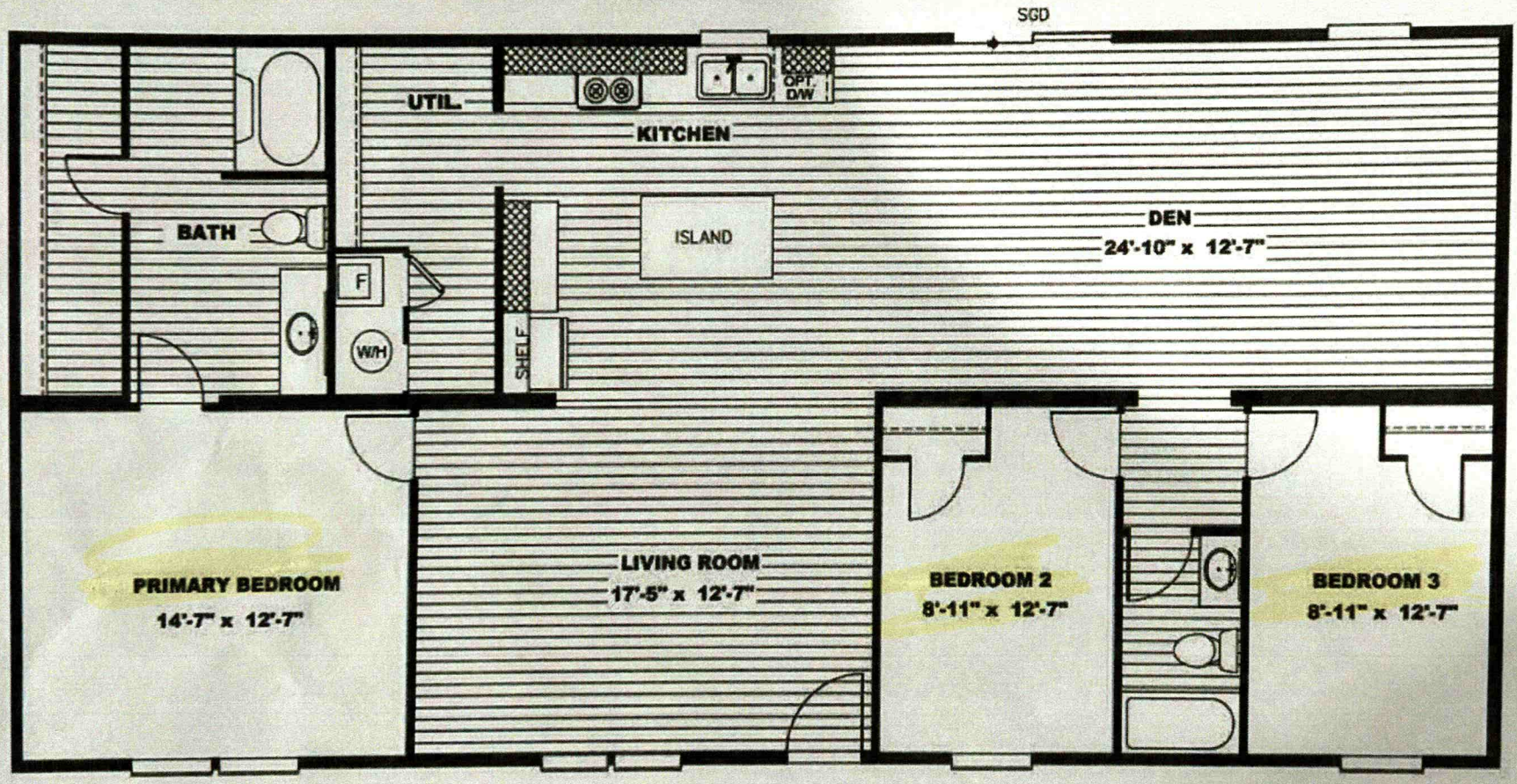
Iredell County, North Carolina makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 06/05/2023
Data updated 08/03/2023

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


120
60
56'
15'
House
28'
56'
Septic
3'x8'
3'x8'
3'x8'
3'x8'
201
201
Driveway
113'
120
Hidden Brook Dr.

TRU MULTI SECTION



MODEL: **THE MARVELOUS 3**

28'-0" x 56'-0" 1,475 Sq.Ft

3 Beds 2 Baths

Due to continued improvements and material change, specifications may change without notice. Room sizes are approximate.