SH MANF 2023-16178

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP 2022-11108

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

PIN # 4703 -- 11 -- 2663

APPLICANT/OWNER: Teodora Chris APPLICANT ADDRESS: 125 41st ave NW, Hickory 28601

SITE ADDRESS: 175 Hidden Brook Dr, Statesville 28677 PHONE: 734-904-1988 ALT. PHONE -

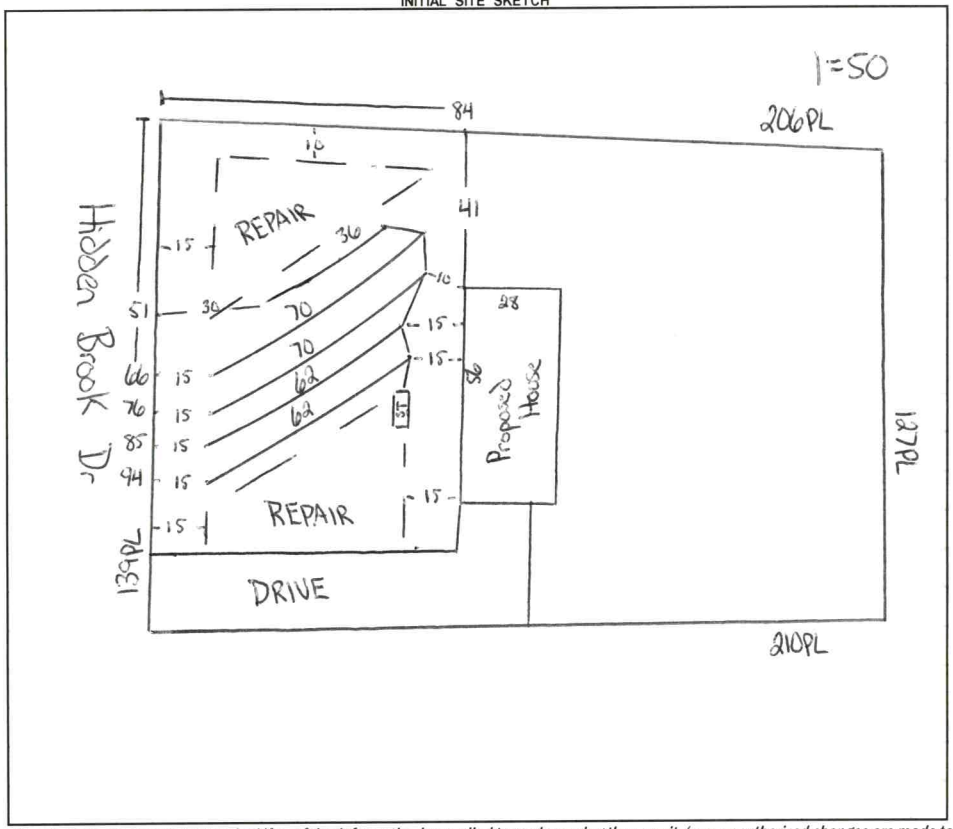
SITE DIRECTIONS: Hwy 70 - Hidden Brook SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Meadow Creek SECTION: 3 LOT # 31 LOT AREA: 0.64 acres DESIGN FLOW: 360 gpd L.T.A.R.: 0.3

Septic Tank	1000 (gal)	STB ~~1500~~ 1600	Date 1/23/23	☒ 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	☐ Business	No. Persons	6	☐ Private
Pump Make		Model	Serial #	Repair System Description:			LP - PPBPS	☐ Other	No. Employees		☒ Public
# Nitrification Fields	1	# Lines 5	Linear Ft 300'	Maintenance Agreement Required:	☐ YES	☒ NO		☐ Slab	☒ Crawl Space		☐ Community
Trench Width	36 in	Trench Bottom Depth ~~(Low side)~~	36" max	Gravel Depth --	☒ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing			☐ Basement w/o plumbing

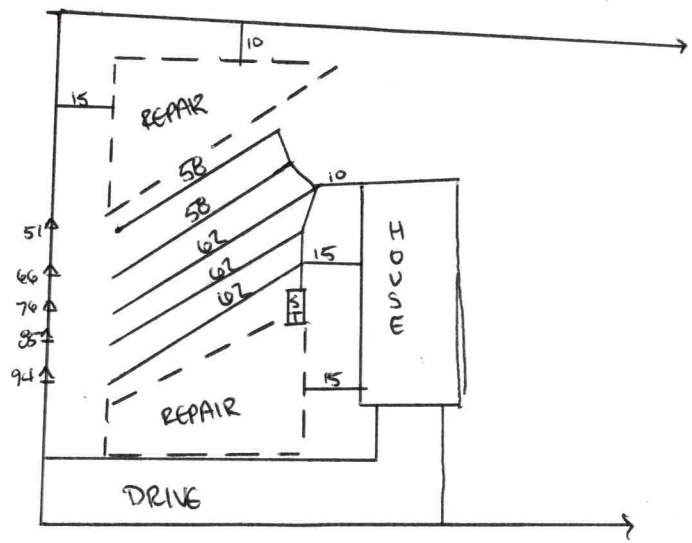
Comments / Conditions: Install on contour with the land. Do not grade, park, or drive on septic area. Utilize serial distribution.

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:

IMPROVEMENT PERMIT by: Cory Whit Date: 1/20/23

AUTHORIZATION TO CONSTRUCT by: Cory Whit Date: 2/23/23

Installed by: K & M Grading + Septic

OPERATION PERMIT by: Sarah Bullock Date: 4/17/23

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? _____	

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

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

OWNER: Teodora Chris
ADDRESS: 125 41st ave NW, Hickory
PROPOSED FACILITY: 3 bd/r home
LOCATION OF SITE: 175 Hidden Brook

APPLICATION DATE 12/8/22
DATE EVALUATED: 1/20/23
PROPOSED DESIGN FLOW (.1949): 360 gpd
PROPERTY SIZE: 0.64 acres
PROPERTY RECORDED: yes

WATER SUPPLY: Private Public Well Spring Other
EVALUATION METHOD: Auger Boring X 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	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	Linear 10%	0 - 5	Fill		-	50	SAP CL	inc in layer	.3 PS
		5 - 12	SCL SBK	SS SP FR SE					
		12 - 32	C SBK	SS SP FR SE					
		32 - 50	CL SBK	SS SP FR SE					
2	Linear 12%	0 - 13	SCL SBK	SS SP FR SE	-	52	-	-	.3 PS
		13 - 31	C SBK	SS SP FR SE					
		31 - 52	CL SBK	SS SP FR SE					
3	Linear 8%	0 - 10	SCL GR	SS SP FR SE	-	50	SAP CL	inc in layer	.3 PS
		10 - 32	C SBK	SS SP FR SE					
		32 - 50	CL SBK	SS SP FR SE					
4	Linear 8%	0 - 13	SCL SBK	SS SP FR SE	-	57	SAP CL	inc in layer	.3 PS
		13 - 35	C SBK	SS SP FR SE					
		35 - 57	CL SBK	SS SP FR SE					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25%	50%
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Cory Whicker
OTHER(S) PRESENT: Sarah Bracken

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) O (Organic)	0.4 - 0.1 None	0.2 - 0.05 None	**MOIST** VFR (Very Friable) FR (Friable) FI (Firm) VFI (Very Firm v. Very Sticky) EFI (Extremely Firm)	**WET** NS (Non-sticky) SS (Slightly Sticky) S (Sticky) VS (Very Sticky) 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.

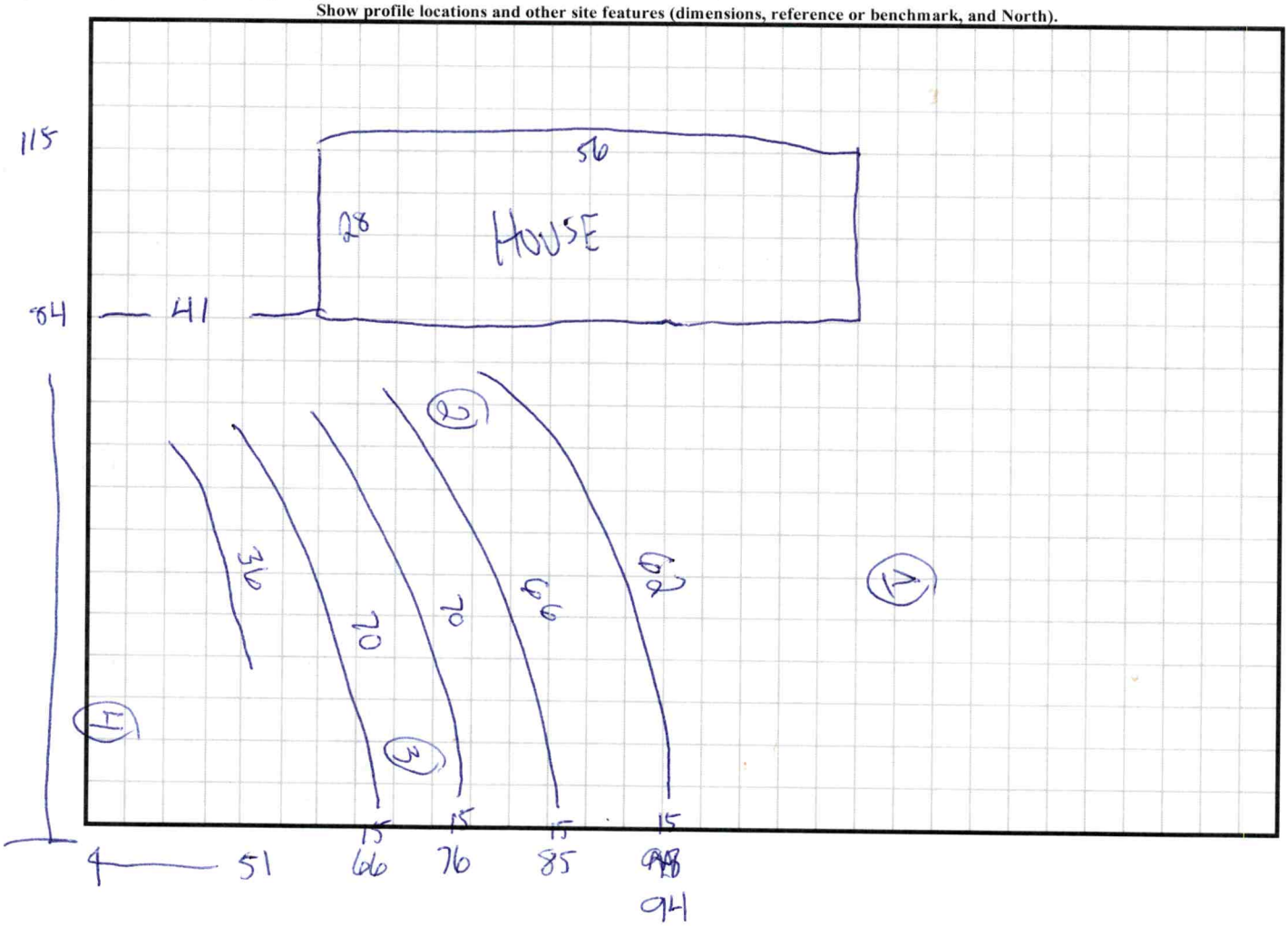
NOTES

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

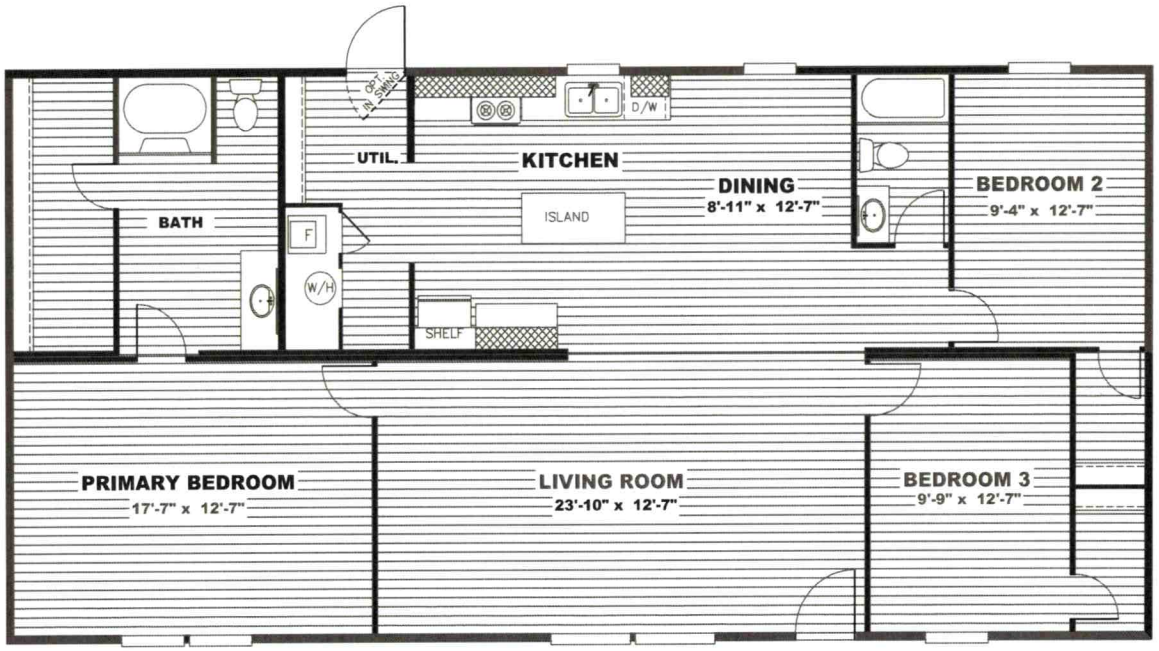
Show profile locations and other site features (dimensions, reference or benchmark, and North).



THRILL

TRU28563R // 28x56 // 1,475 sq ft // 3 beds // 2 baths

2/23/23



OWN IT

The home series and floor plans indicated will vary by retailer and state. Your local Home Center can quote you on specific prices and terms of purchase for specific homes. TRU invests in continuous product and process improvement. All home series, floor plans, specifications, dimension, features, materials, availability, and starting prices shown on this website are artist's renderings or estimates, and are subject to change without notice. Dimensions are nominal and length and width measurements are from exterior wall to exterior wall.

OwnTRU.com

PERMIT SNAPSHOT REPORT OSWP-2022-11108 FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Work Class: EH Septic Improvement Permit
Status: In Progress
Valuation: $0.00
Description: Need perc test done
The previous perc test expired and a new one needs to be done.

Project:
District: Iredell County
Square Feet: 0.00
Assigned To: Whicker, Cory

App Date: 12/08/2022
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Parcel: 4703112663.000 Main	**Address:** 175 Hidden Brook Dr Statesville, NC 28677 Main	**Zone:** RA(Residential Agricultural District)

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

Property Owner
William Bryant
Home: (702) 773-8242
Mobile: (702) 773-8242

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	28x56 doublewide	What are the proposed structures	New Single Family Residence
If other Addition/Structure, please explain		Maximum Number of Bedrooms	3	Number of Occupants	3
Foundation Type	Crawl Space Foundation	Water Supply	Other Public Water	Desired Septic System Type	Conventional (most common)
If other septic system type, please explain		Has this project been approved by TRC	No	Lot Acreage	0.64
Front Setback	35	Back Setback	35	Left Setback	15
Right Setback	15	Zoning Permit Issued Date	Dec 12 2022 12:00AM	Zoning Permit Expiration Date	Jun 10 2023 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.	Additional Unique Setbacks Apply	No

PERMIT SNAPSHOT REPORT (OSWP-2022-11108)

Watershed	WSIV PA CATAWBA/LAKE NORMAN

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_Teodora_Chis_12/9/2022.jpg	12/08/2022 19:30	Chis, Teodora		Uploaded via CSS
permission for perk tests 3I&40 Meadow Creek_v1.pdf	12/09/2022 9:34	Nebel, Barbara	Available Online	Authorize to Act as Agent
site plan_v1.pdf	12/09/2022 9:34	Nebel, Barbara	Available Online	Site Plan

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2022-46861	Re-inspection required (with fee)	OSWP Septic/Well Preliminary Site Visit	12/20/2022			12/20/2022 16:26	12/20/2022 16:26

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	

Inspection Number	Status	Inspection Type	Request Date	Scheduled Start Date	Scheduled End Date	Actual Start Date	Actual End Date
2023-52573	Passed - Permit	OSWP Septic/Well Preliminary Site Visit	01/12/2023			01/12/2023 8:28	01/12/2023 8:28

Inspectors: Kobuck, Teanna (Primary)

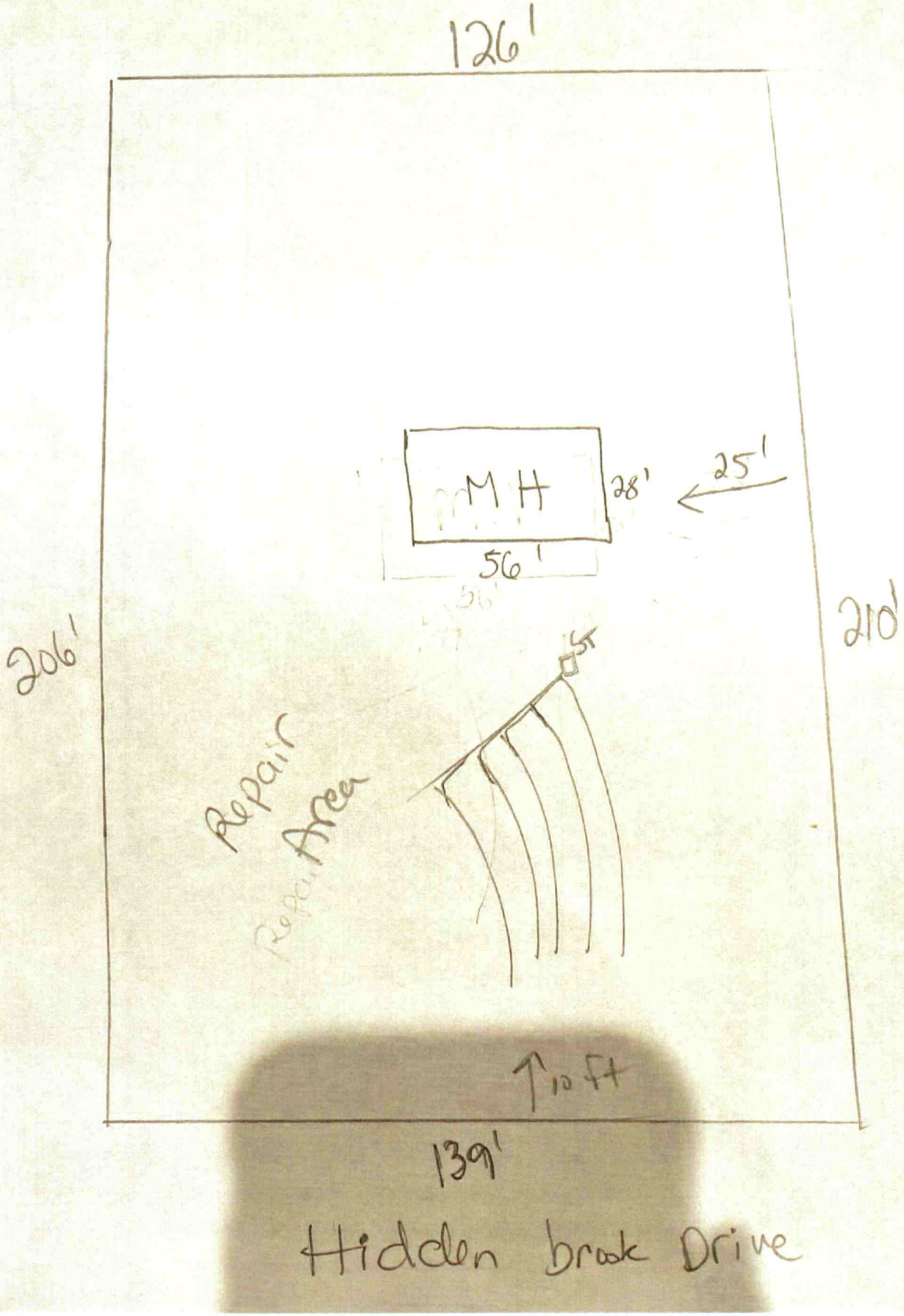
Checklist Item	Description	Passed	Comments
General Comments	Checklist item used to track general comments, not specific to any other checklist item	No	

Invoice No.	Fee		Fee Amount	Amount Paid
INV-00006164	New Gravity System		$500.00	$500.00
		Total for Invoice INV-00006164	$500.00	$500.00
INV-00006168	Iredell Zoning Tech Fee		$2.25	$2.25
	Iredell Zoning Permit Fee		$75.00	$75.00
		Total for Invoice INV-00006168	$77.25	$77.25
INV-00006663	Site Revisit		$100.00	$100.00
		Total for Invoice INV-00006663	$100.00	$100.00
		Grand Total for Permit	**$677.25**	**$677.25**

Workflow Step / Action Name	Action Type	Start Date	End Date
Application Completeness Check v.1		12/09/2022 0:00	12/09/2022 9:34
Confirm application complete v.1	Generic Action		12/09/2022 9:34
Fees v.1		12/09/2022 0:00	12/12/2022 7:57
Issue Invoice v.1	Generic Action		12/09/2022 9:35
Fees Paid v.1	Generic Action		12/12/2022 7:57
Zoning Review v.1		12/09/2022 0:00	12/12/2022 8:14
Iredell County Zoning Approval v.1	Task	12/09/2022 0:00	12/12/2022 8:14
Issue Invoice v.1	Generic Action		12/09/2022 10:00
Fees Paid v.1	Generic Action		12/12/2022 7:58
Fees v.1		12/20/2022 16:27	01/12/2023 9:09
Issue Invoice v.1	Generic Action		12/20/2022 16:27
Fees Paid v.1	Generic Action		01/12/2023 9:09
Lot Readiness Verification v.1		12/20/2022 16:24	
OSWP Septic Preliminary Site Visit v.1	Inspection	12/20/2022 16:24	12/20/2022 16:26
OSWP Septic Preliminary Site Visit v.2	Inspection	01/13/2023 8:28	01/13/2023 8:29
OSWP Site Evaluation v.1	Inspection		
Issue Improvement Permit v.1			
Issue Invoice v.1	Generic Action		

PERMIT SNAPSHOT REPORT (OSWP-2022-11108)

Issue Permit 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


126'
MH
28'
25'
56'
206'
210'
Repair Area
10 ft
139'
Hidden brook Drive