ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BLDR-2022-4907

PERMIT # AP 2022-1988

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

PIN # 4746 -- 25 -- 3776

APPLICANT/OWNER: James Decicco

APPLICANT ADDRESS: 122 Meadow Oaks Dr, Statesville

SITE ADDRESS: 149 Postell Dr, Statesville 28625

PHONE: 704-400-2184 ALT. PHONE –

SITE DIRECTIONS: 115 N - S Chipley Ford - Nixon - Postell

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Shadow Wood Estates SECTION: – LOT # 8 LOT AREA: 0.522

DESIGN FLOW: 360 gpd L.T.A.R.: 0.3

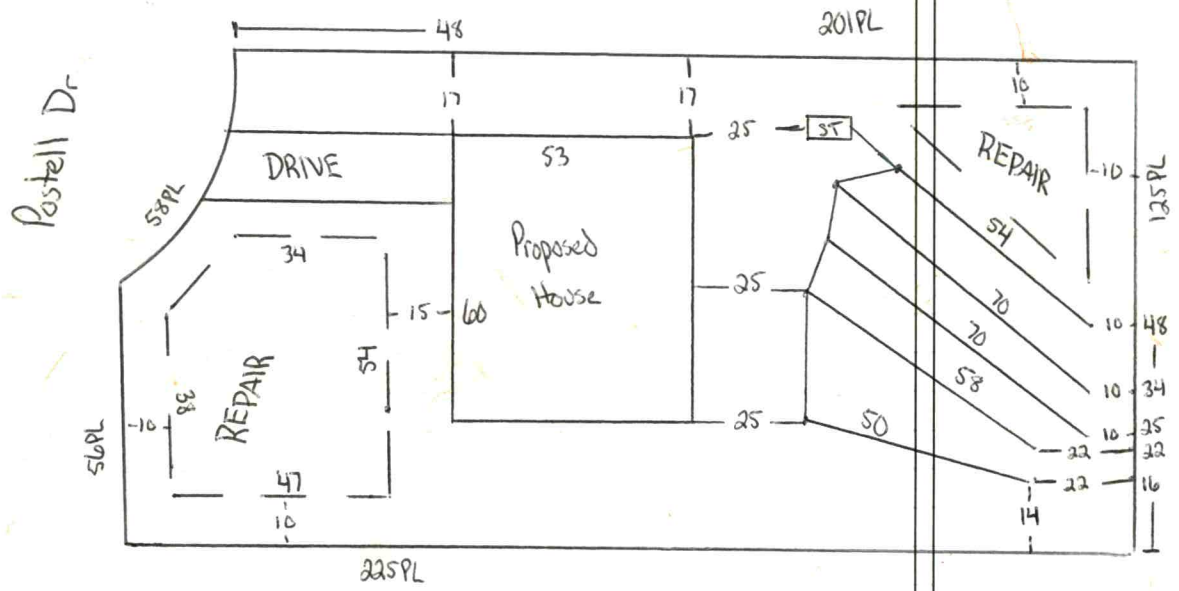
Septic Tank	1000	(gal)	STB 760	Date 12/12/22	☒ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms	3	Water Supply
Pump Tank		(gal)	PT	Date	System Description:	25% reduction			☐ Business	No. Persons	6	☐ Private
Pump Make		Model		Serial #	Repair System Description:	LP - 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)		28 in	Gravel Depth –	☒ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing			☐ Basement w/o plumbing

Comments / Conditions: Install lines on contour with the land. Utilize serial distribution. If house pad is cut system will turn to pump. Recommended to build up on pad.

Do not exceed 36 inch max. *

INITIAL SITE SKETCH

1=40



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.

*See attached as built Dated 2-7-2023

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: Majdi Coats

IMPROVEMENT PERMIT by: Cary Wilt Date: 9/1/22 OPERATION PERMIT by: Benjamin Bost Date: 2-7-2023

AUTHORIZATION TO CONSTRUCT by: Cary Wilt Date: 9/2/22 Existing System Inspected by: Date:

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

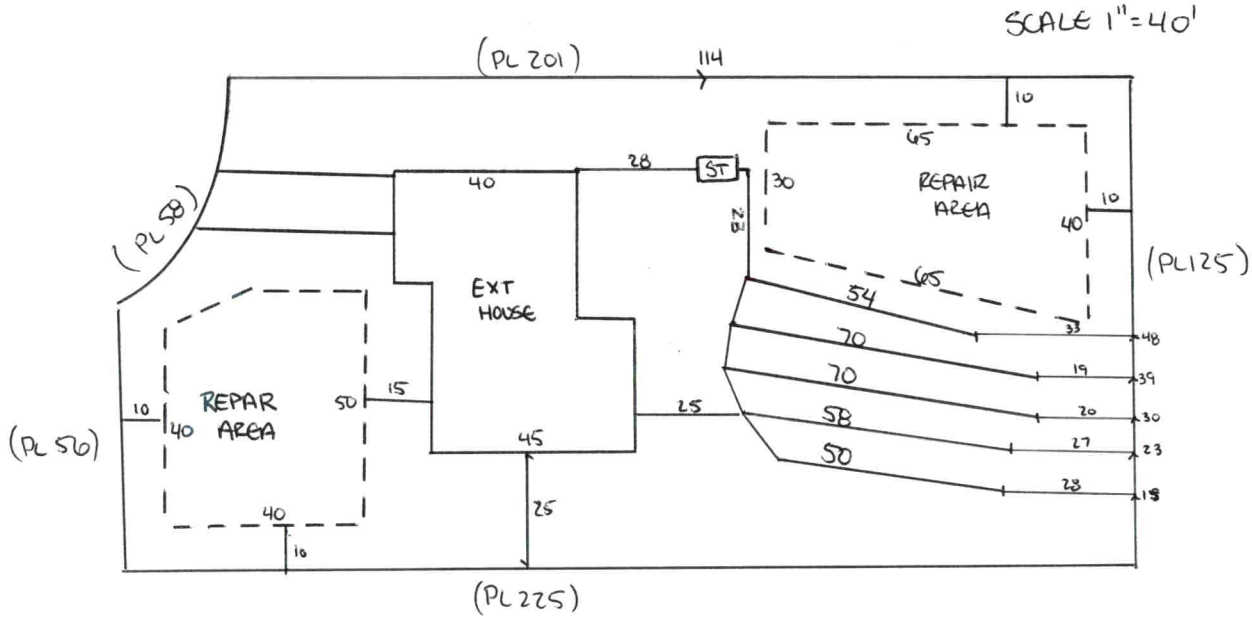
Item	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Needed? Y / N		
Comments:		

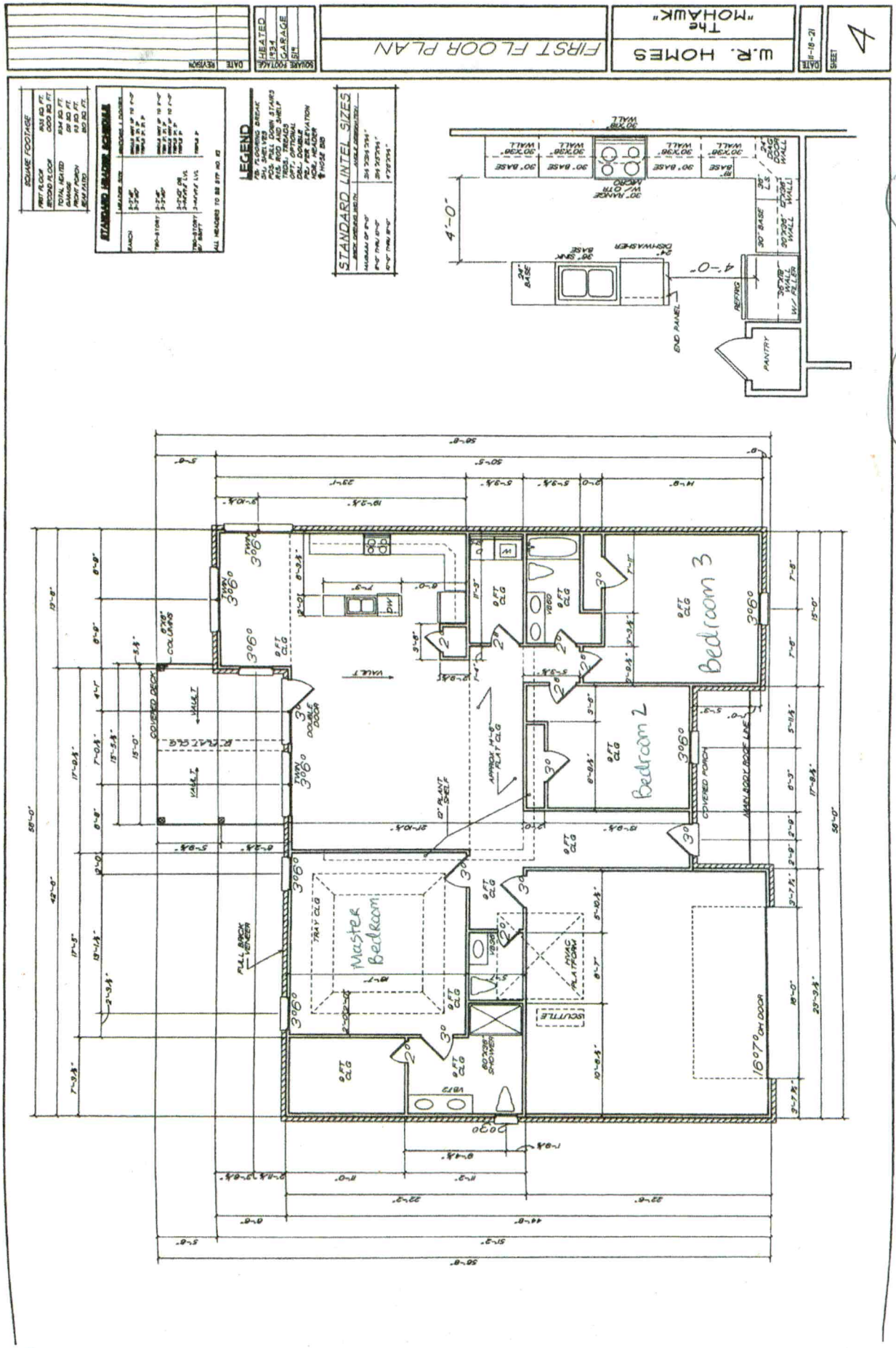
Repairs Only	
	State Code
Failing System Code	
Type of Distribution	G or P
Type of Failure/Malfunction	
Primary Cause of Failure/Malfunction	
Age of System? _____	
Initial or Repair? _____	

149 Postell Dr Statesville NC 28625

AS BUILT SKETCH

2/7/2023




W.R. HOMES
The "MOHAWK"
FIRST FLOOR PLAN
HEATED 1934
GARAGE 511
DATE 11-18-21
SHEET 4
DATE REVISION
SQUARE FOOTAGE
BASE FOOTAGE
FIRST FLOOR 831 SQ. FT.
SECOND FLOOR 1003 SQ. FT.
TOTAL HEATED 1834 SQ. FT.
GARAGE 511 SQ. FT.
FRONT PORCH 93 SQ. FT.
BOX BAY(S) 180 SQ. FT.
STANDARD ELEVATION SCHEDULE
MODEL NUMBERS
RANCH
TWO-STORY
TWO-STORY 10' BASE
ALL MODELS TO BE STP NO. 62
LEGEND
STANDARD LINTEL SIZES
WALL CONSTRUCTION
4'-0"
Master Bedroom
Bedroom 2
Bedroom 3
COVERED DECK
COVERED PORCH
FULL BRICK VENEER
16'0" OH DOOR
DOUBLE DOOR
SCUTTLE
MAIN BODY ROOF LINE
James DeLuccio
9/2/22
9/2/22

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: James Decicco
ADDRESS: 149 Postell Dr, Statesville
PROPOSED FACILITY: 360 gpd
PROPOSED DESIGN FLOW (.1949): 360 gpd
LOCATION OF SITE: 149 Postell Dr, Statesville
APPLICATION DATE
DATE EVALUATED: 8/30/22
PROPERTY SIZE: 0.522
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 10%	0-8	plow	ns np fr SE	~~53~~	53	>		PS .3
		8-32	C / SBK	ss sp fr SE					
		32-53	CL / SBK	ss sp fr SE					
2	LS 8%	0-36	C / WSBK	SS SP FR SE	10YR 6/2 at 47 to bottom	55	Sap in CL layer	-	PS .25
		36-55	CL / WSBK	SS SP FR SE					
3	LS 7%	0-7	Plow /	ns np fr SE	-	48	-	-	PS .325
		7-25	C / WABK	ss sp fr SE					
		25-46	CL / SBK	ss sp fr SE					
4	LS 8%	0-30	C / SBK	SS SP FR SE	-	53	-	-	PS .325
		30-53	CL / SBK	SS SP FR SE					

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

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

COMMENTS:

Updated February 2014

Linear 0-32 C SBK SS SP FR SE PS
5% 32-53 CL SBK SS SP FR SE .3

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)	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)
DS (Debris Slump) FP (Flood Plain) FS (Foot Slope)	II	SL (Sandy Loam) L (Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular) SBK (Subangular Blocky) ABK (Angular Blocky)
H (Head Slope) L (Linear Slope) N (Nose Slope) R (Ridge) S (Shoulder Slope) T (Terrace)	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		PL (Platy) PR (Prismatic)
	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.

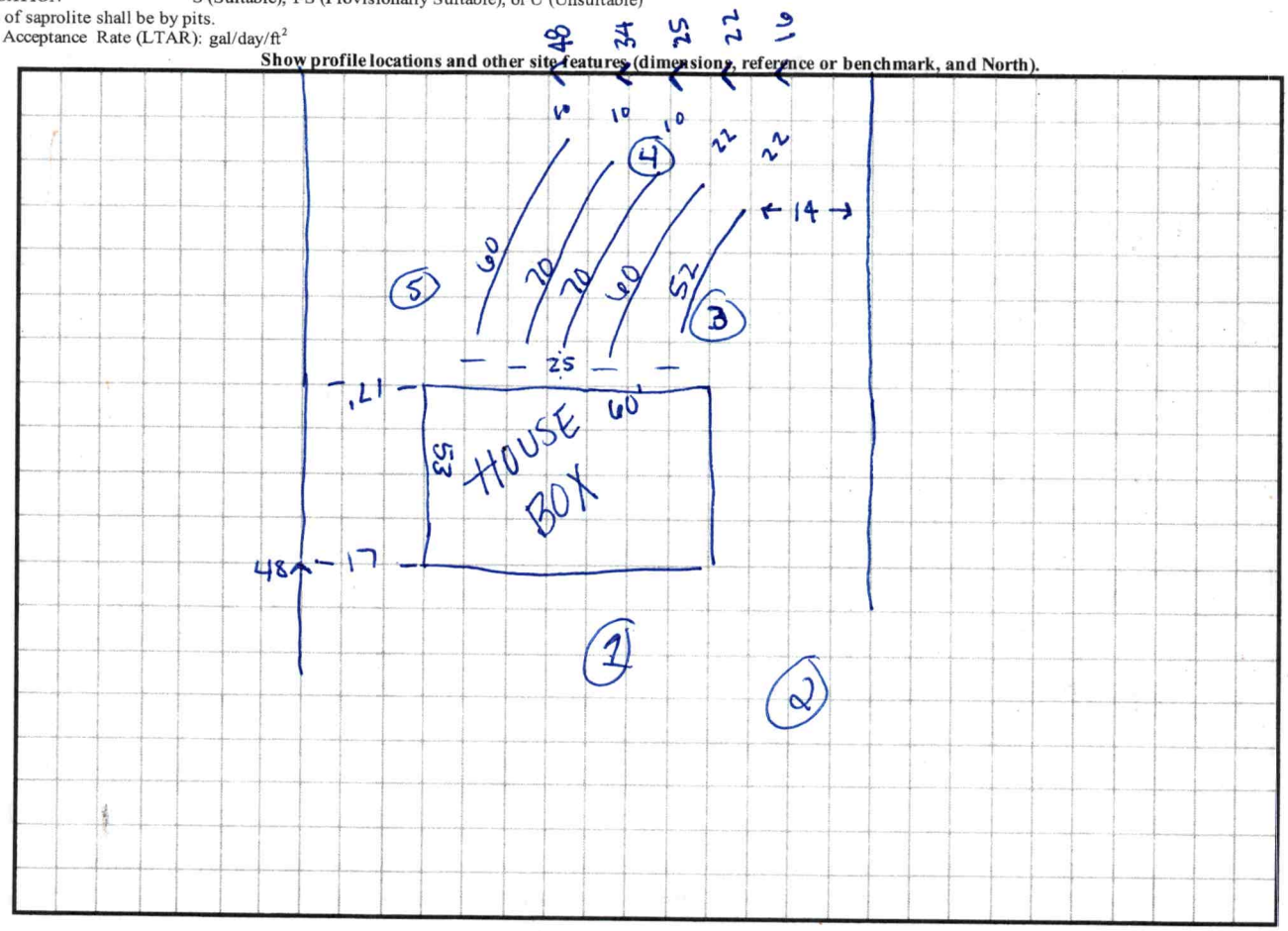
NOTES

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).



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

Sheet 1 of 1
PROPERTY ID #: 4746253770
COUNTY: Iredell

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

OWNER: James DeCicco
ADDRESS: ~~149 Postell Dr. Statesville NC 28625~~
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 360
LOCATION OF SITE: 149 Postell Dr. Statesville NC 28625
WATER SUPPLY: Private (Public) Well Spring Other
EVALUATION METHOD: Auger Boring (Pit) Cut
TYPE OF WASTEWATER: ~~Sewage~~ Industrial Process Mixed

APPLICATION DATE
DATE EVALUATED: 2/6/23
PROPERTY SIZE: 0.522 AC
PROPERTY RECORDED: Y

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	Linear 5-7%	0-29	C ~~ABK~~	SS SP SE FR	some Litho	64"+			PS 0.3
		29-68	CL ~~SBK~~	SS SP SE FR					
2	Linear 5-7%	0-38	C	SS SP SE FR	10 YR 5/6	62"+			P ~~0.35~~ 0.25
		38-65	CL	SS SP SE FR					
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		
System Type(s)		
Site LTAR		

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY:
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) 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		
					MOIST	**WET**
	IV	SC (Sandy Clay) SiC (Silty Clay) C (Clay)	0.4 - 0.1	0.2 - 0.05	VFR (Very Friable) FR (Friable) FI (Firm) VFI (Very Firm v. Very Sticky)	NS (Non-sticky) SS (Slightly Sticky) S (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).

