ICHD - ENVIRONMENTAL HEALTH DIVISION

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

BLDR-2023-40325 SH

PERMIT # OSWP 2023 37593

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

PIN # 4789 -- 38 -- 2359

APPLICANT/OWNER: Richard Smith (Clayton Homes) | APPLICANT ADDRESS: 2026 Northside Dr. Statesville NC 28677

321

SITE ADDRESS: 321 KINDER RD HARMONY NC 28634 | PHONE: 704 929 1552 | ALT. PHONE 336 682 1511

SITE DIRECTIONS: Hwy 21 N → (R) Mt. Bethel Rd → (L) Shaw Rd → (L) Kinder Rd | SAP CONTROLLED: ☐ YES ☒ NO

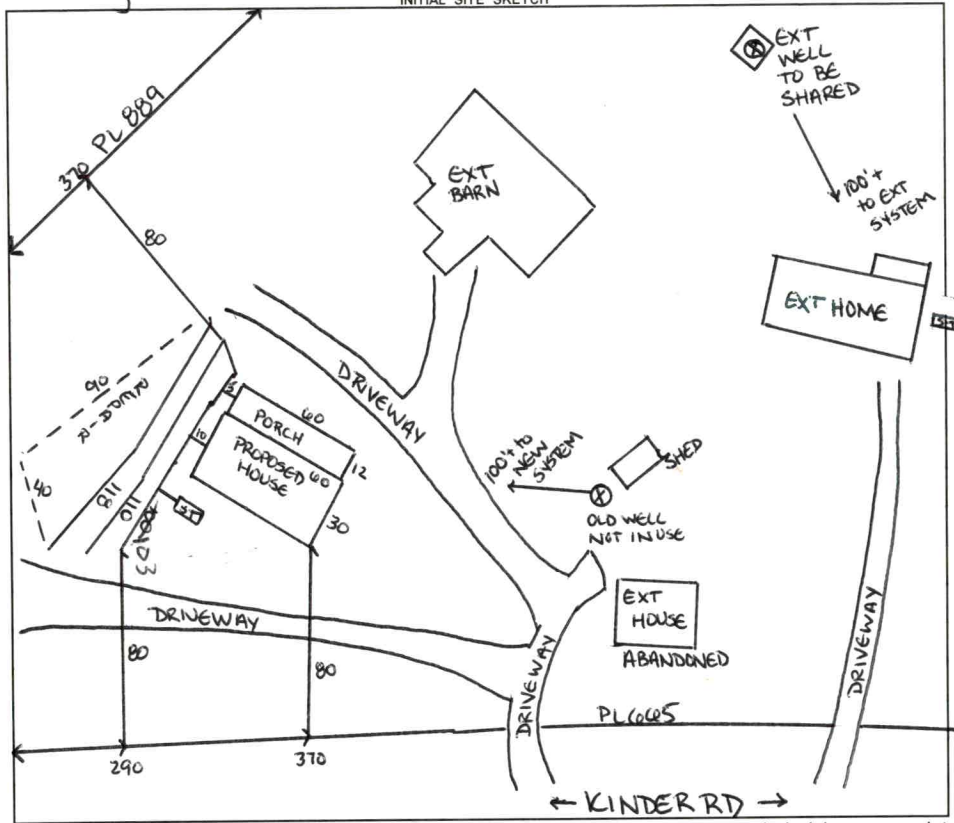
SUBDIVISION: — | SECTION: — | LOT # — | LOT AREA: 7.528 | DESIGN FLOW: 360 | L.T.A.R.: 0.275

Septic Tank	1000 (gal)	STB	760	Date	10-22-2023	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI
Pump Tank	(gal)	PT		Date		System Description:	Gravity 35% Reduction		
Pump Make		Model		Serial #		Repair System Description:	Gravity 50% Reduction VPPBPS		
# Nitrification Fields	1	# Lines	3	Linear Ft	328	Maintenance Agreement Required:	☐ YES	☒ NO	
Trench Width	36"	Trench Bottom Depth(Low side)	32"	Gravel Depth	—	☒ GRAVITY	☐ PRESSURE		

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

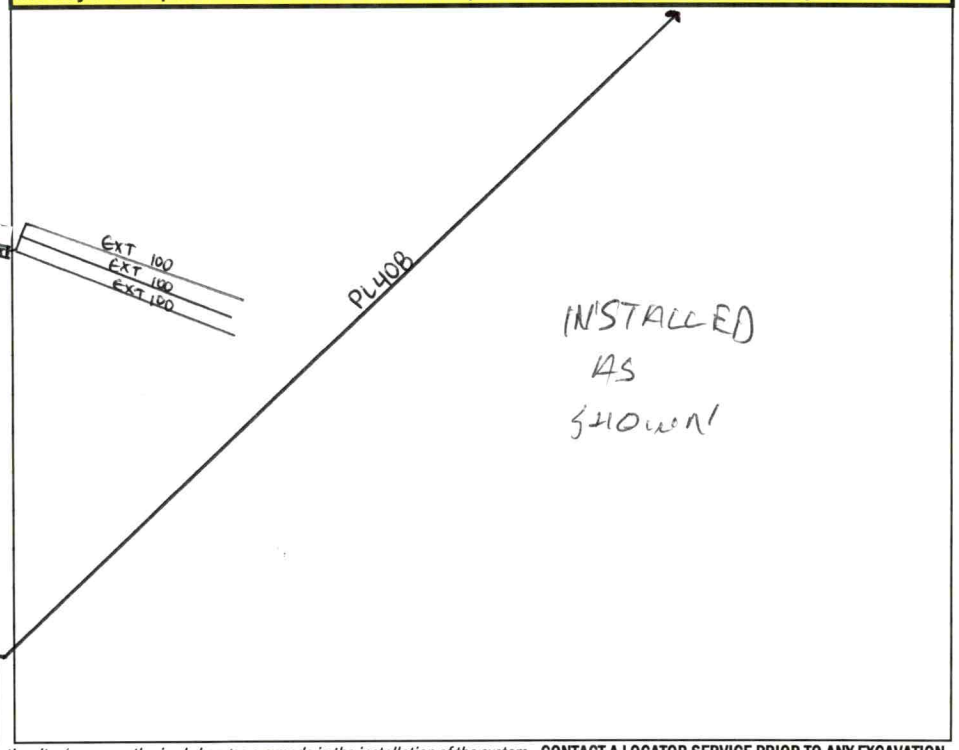
Comments / Conditions: Install on contour 9' on center. Utilize serial distribution. Do not exceed 36" maximum trench depth. maintain 100' from any existing wells.

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 | Date: — | Installed by: STEVE JORDAN

IMPROVEMENT PERMIT by: Sarah Williams | Date: 10/20/2023 | OPERATION PERMIT by: Bryant C. Winter | Date: 12-14-2023

AUTHORIZATION TO CONSTRUCT by: Sarah Williams | Date: 10/20/2023 | 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? _____	

PERMIT SNAPSHOT REPORT OSWP-2023-37593 FOR IREDELL COUNTY

Permit Type: Environmental Health OSWP
Work Class: EH Septic Permit
Status: In Progress
Valuation: $0.00
Project:
District: Iredell County
Square Feet: 0.00
Assigned To: Bracken, Sarah
App Date: 09/26/2023
Exp Date: NOT AVAILABLE
Completed: NOT COMPLETED
Approval Expire Date:

Description: existing home on the parcel is not livable and is being used for storage only with no power.....new modular home 9/28 Adam stated he was not sure if this was ready. He will check and call me back. 7.5 acre property. GM 10/04 Meeting Adam at site between 12-12:30. Site ready GM

Parcel: 4789382359.000 Main
Address: 329 Kinder Rd Harmony, NC 28634 Main
Zone: RA(Residential Agricultural District)

Property Owner
richard smith
Home: (336) 682-1511
Mobile: (336) 682-1511

Applicant/Authorized Agent
CLAYTON HOMES #72
2026 NORTHSIDE 2026 NORTHSIDE DR
STATESVILLE, NC 28677
Mobile: (704) 929-1552

Applicant/Authorized Agent
CLAYTON HOMES #72
2026 NORTHSIDE 2026 NORTHSIDE DR
STATESVILLE, NC 28677
Mobile: (704) 929-1552

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	56x28
What are the proposed structures	New Single-Family Residence - Modular	Type of New Single-Family Residence	Modular	Maximum Number of Bedrooms	3
If other Addition/Structure, please explain		Number of Occupants	2	Foundation Type	Crawl Space Foundation
Residential/Business/Other	Residential	Number of Employees	0	Water Supply	Existing Well
Desired Septic System Type	No Preference	Lot Acreage	7.528	Front Setback	35
Back Setback	35	Left Setback	15	Right Setback	15
Zoning Permit Issued Date	Sep 27 2023 12:00AM	Zoning Permit Expiration Date	Mar 25 2024 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	existing home on the parcel is not livable and is being used for storage only with no power
Additional Unique Setbacks Apply	No	Watershed	NOT IN A WATERSHED		

Attachment File Name	Added On	Added By	Attachment Group	Notes
Signature_ADAM_CASSTEVENS_9/26/2023.jpg	09/26/2023 15:29	CASSTEVENS, ADAM		Uploaded via CSS
richard smith sale agree for septic_v1.pdf	09/26/2023 16:49	Hart, Ronda	Available Online	Authorize to Act as Agent
Zoning Email.pdf	09/27/2023 10:42	Bailey, Julia		
richard smith site plan for septic_v1.pdf	09/27/2023 10:43	Bailey, Julia	Available Online	Site Plan

Note	Created By	Date and Time Created
1. 9/28 Adam stated he was not sure if this was ready. He will check and call me back. 7.5 acre property. GM 10/04 Talked w/Adam site ready Will meet him at site between 12-12:30 GM	Grace McLeod	09/28/2023 9:19

Invoice No.	Fee	Fee Amount	Amount Paid
INV-00021304	Iredell Zoning Tech Fee	$2.25	$2.25
	Iredell Zoning Permit Fee	$75.00	$75.00

PERMIT SNAPSHOT REPORT (OSWP-2023-37593)

New Gravity System		$500.00	$500.00
	Total for Invoice INV-00021304	$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		09/26/2023 16:50	09/26/2023 16:50
Confirm application complete v.1	Generic Action		09/26/2023 16:50
Zoning Review v.1		09/27/2023 10:47	09/27/2023 12:00
~~Floodplain Admin Overview v.1~~	Task		09/27/2023 10:47
Iredell County Zoning Approval v.1	Task	09/27/2023 10:47	09/27/2023 12:00
Issue Invoice v.1	Generic Action		09/27/2023 10:48
Fees Paid v.1	Generic Action		09/27/2023 12:00
Fees v.1		09/27/2023 12:10	09/27/2023 12:10
Issue Invoice v.1	Generic Action		09/27/2023 12:10
Fees Paid v.1	Generic Action		09/27/2023 12:10
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		

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
4789-38-2359

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

OWNER: Richard Smith / Clayton Homes — APPLICATION DATE 9/26/23
ADDRESS: [redacted] 2026 Northside Dr Statesville NC 28625 — DATE EVALUATED: 10/16/23
PROPOSED FACILITY: SFR — PROPOSED DESIGN FLOW (.1949): 360 — PROPERTY SIZE: 7.528
LOCATION OF SITE: 329 Kinder Rd Harmony NC 28634 — PROPERTY RECORDED: Y
WATER SUPPLY: Private Public (Well) Spring Other EXT WELL
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LS 6%	0-10	C PLOW	S P SE FR		(50)		—	PS 0.275
		10-30	C ABK	S P SE FR					
		30-50	CL ABK	SS SP SE FR	heavy SAP incl/mica in CL 30"+				
2	LS/ Head 8%	0-12	C PLOW	S P SE FI		(48)		—	PS 0.275
		12-20	C ABK	S P SE FR					
		20-39	CL ABK	SS SP SE FR					
		39-48	L WABK	SS SP SE VFR	SAP incl in CL + L 20"+				
3	LS/ Head 8%	0-10	C PLOW	S P SE FI		(49)		—	PS 0.275
		10-19	C ABK	S P SE FR					
		19-49	CL WABK	SS SP SE FR	heavy SAP incl in CL 19"+				
4	LS 4%	0-10	C PLOW	S P SE FI		(50)		—	PS 0.275
		10-28	C ABK	S P SE FI					
		28-50	CL WABK	SS SP SE FR					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	328'	219'
System Type(s)	G 25%	G 50%
Site LTAR	0.275	0.275

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

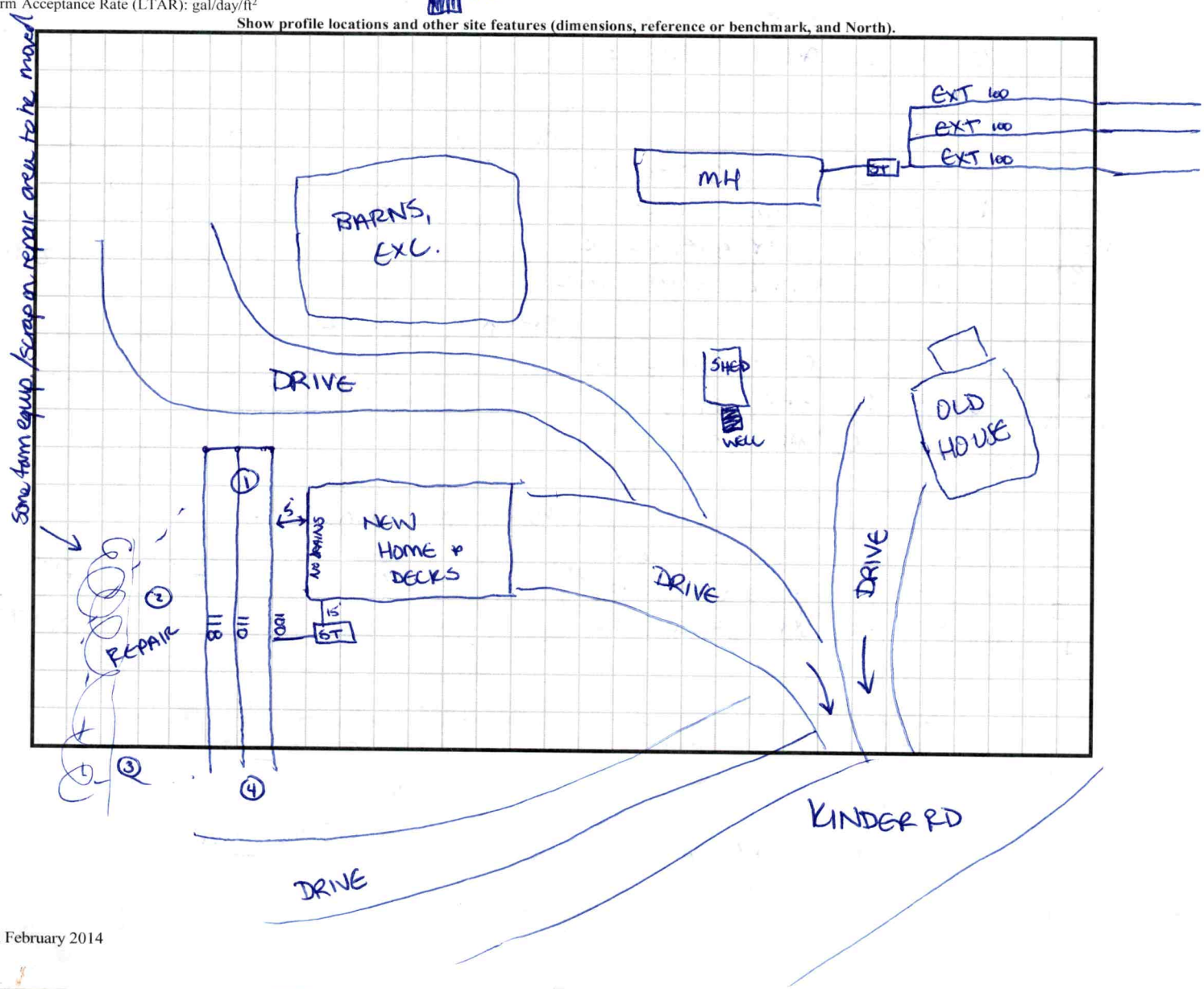
NOTES

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).



IREDELL COUNTY HEALTH DEPARTMENT - *ENVIRONMENTAL HEALTH* ☐ STATESVILLE OFFICE 704-878-5305 ☐ MOORESVILLE OFFICE 704-664-5281

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

PERMIT # 167045 PIN # 4789-38-2359 DATE 7 Jul 2011

OWNER Richard Smith APPLICANT: PHONE: Home/Cell # (336) 455-1375 Business #

SITE ADDRESS 321 Kinder Rd. Harmony OWNER / APPLICANT ADDRESS

SITE DIRECTIONS Hwy 21N TR Memorial Hwy TR Kinder Rd. on Rt.

SUBDIVISION BLOCK / SECTION LOT # LOT AREA 7.5 ac. DESIGN FLOW 360 g/d L.T.A.R. 0.3 g/ft²

Septic Tank 1000 Gallons: STB 760 Date 4-24
Pump Tank Gallons: P T Date
Pump Make Model Serial #
No. Nitrification Fields: 1 No. Lines 4 Linear Feet 400
Trench Width 36" Max. Trench Bottom Depth 36" Gravel Depth 12"

☑ New System ☐ Repair ☐ Expansion System Type I (II) III IV V VI
System Description: Conventional gravel trench
Repair System Description: conventional trench
Maintenance Agreement Required ☐ YES ☑ NO
☑ GRAVITY ☐ PRESSURE

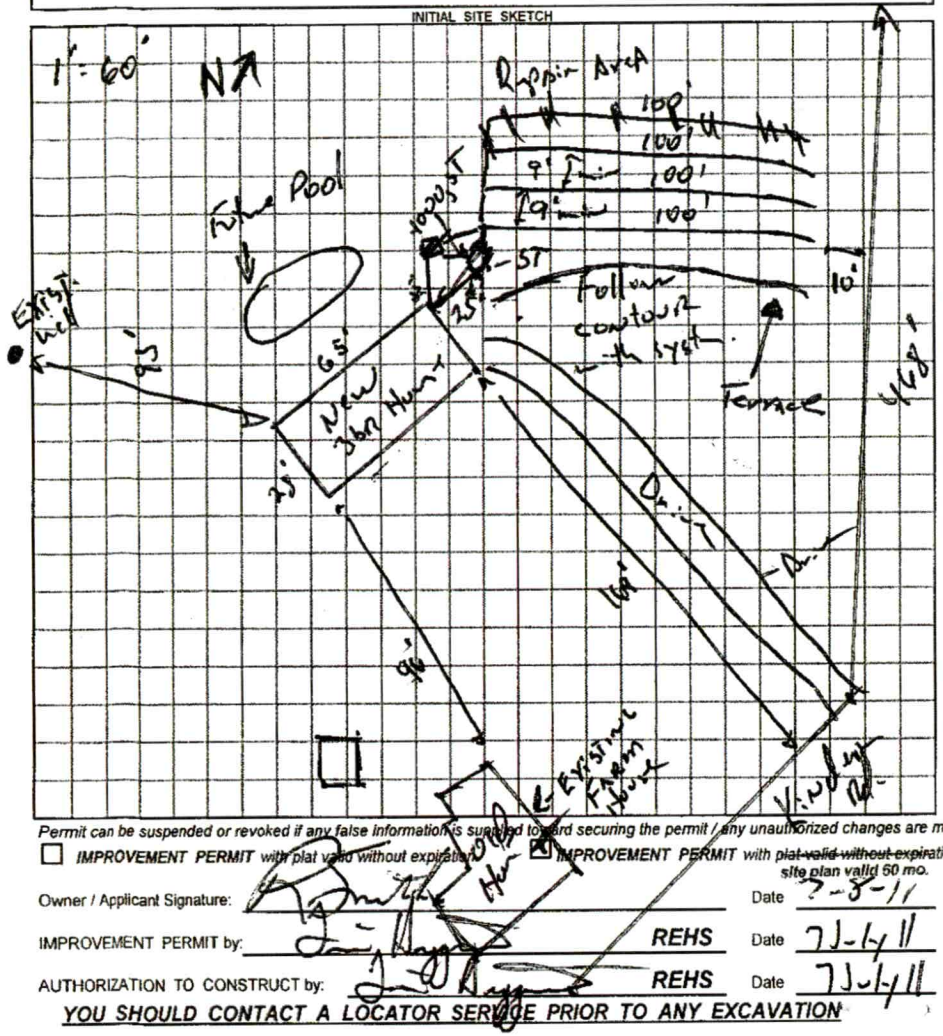
☑ Residence No. Bedrooms 3
☐ Business No. Persons
☐ Other No. Employees
☐ Slab ☑ Crawl Space
☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☑ Private ☐ Public ☐ Community

Comments / Conditions * May be installed as an Accepted systems.
* Keep system 100' from well.

Poly loc filter

INITIAL SITE SKETCH



AS BUILT SKETCH

Installed as Fut. Area - 4

Installed as 3 lines x 100'

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 ~~plat valid without expiration.~~ site plan valid 60 mo.* ☑ *AUTHORIZATION TO CONSTRUCT* valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.

Owner / Applicant Signature: Date 7-5-11 Installed by: A-1 Backhoe

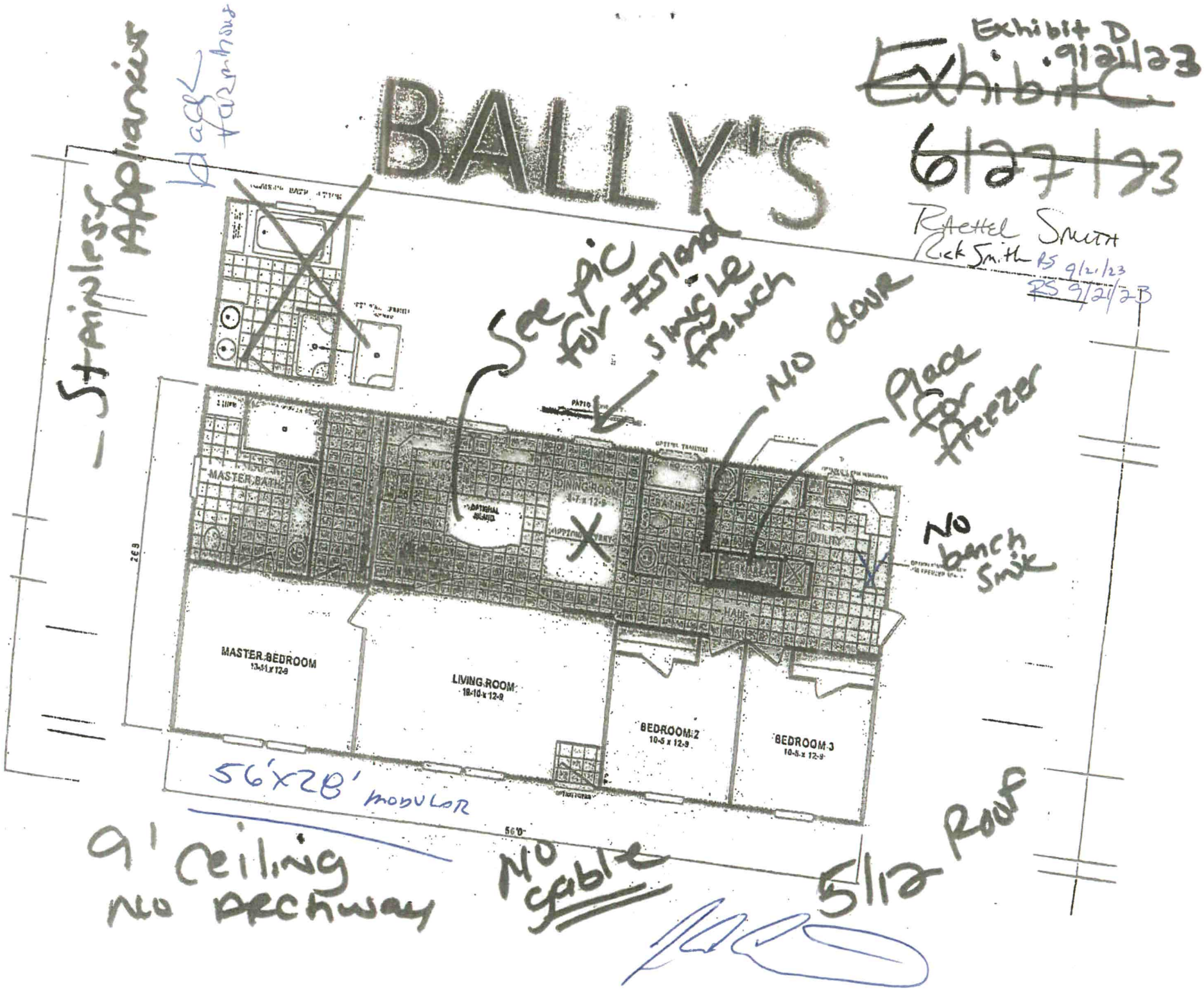
IMPROVEMENT PERMIT by: REHS Date 7-14-11 OPERATION PERMIT by: REHS Date 22 Aug. 11

AUTHORIZATION TO CONSTRUCT by: REHS Date 7-14-11 Existing System Inspected by: REHS Date

YOU SHOULD CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION

White Copy – Environmental Health YELLOW COPY (Final) Owner / Applicant PINK COPY (Initial) Owner / Applicant


4880-20-6361
107
408
4789-39-4268
329
4789-38-2359
48
4789-38-85
321
4789-26-8825
858 (889)
665
Kinder Rd
4789-48-2278
322
329
363
285
312
4789-38-4151
PB 64-73
35
25
130
130
160
4789-37-1948
4789-37-4912


Exhibit D
9/21/23
~~Exhibit C~~
~~6/27/23~~
Rachel Smith
Rick Smith RS 9/21/23
~~RS 9/21/23~~
BALLY'S
Stainless Appliances
Hardy Farmhouse
Septic for 3 Island Single Trench
NO door
Place for freezer
No bench Sink
MASTER BATH
KITCHEN
DINING ROOM
BATH
UTILITY
HALL
MASTER BEDROOM
13-11 x 12-9
LIVING ROOM
18-10 x 12-9
BEDROOM 2
10-5 x 12-9
BEDROOM 3
10-5 x 12-9
56'x28' modular
56'0"
9' ceiling
No Archway
No gable
5/12 Roof