BLD-2022-10281

ICHD - ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP324864

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

PIN # 4711 -- 43 -- 4415

APPLICANT/OWNER: Mack + Gloria Westray APPLICANT ADDRESS: 112 Donna Pl Cary NC 27513

SITE ADDRESS: 256 Laurel Cove Road Statesville NC PHONE: 919-628-3587 ALT. PHONE —

SITE DIRECTIONS: Hwy 115 to old Mountain Rd to Legend Ln & onto Buffalo Shoals @ Laurel Cove SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Harbor Watch SECTION: - LOT # 71 LOT AREA: 1.56 AC DESIGN FLOW: 360 L.T.A.R.: 130

Septic Tank 1000 (gal) STB 760 Date 5-26-23 ☑ 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: Gravity - 25% Reduction

Nitrification Fields 1 # Lines 3 Linear Ft 300 Maintenance Agreement Required: ☐ YES ☒ NO

Trench Width 36in. Trench Bottom Depth (~~average~~) 24 inches 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:

INITIAL SITE SKETCH

This permit is issued pursuant to Section 11 . (C) of S.L. 2018-114 using the signed and sealed LSS Evaluation by:

Soil + Forestry Services of the Carolinas, PA

LSS # 1218 Dated March 25, 2022

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 shown

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: Mack Westray Date: 6/23/2022 Installed by: Abernathy

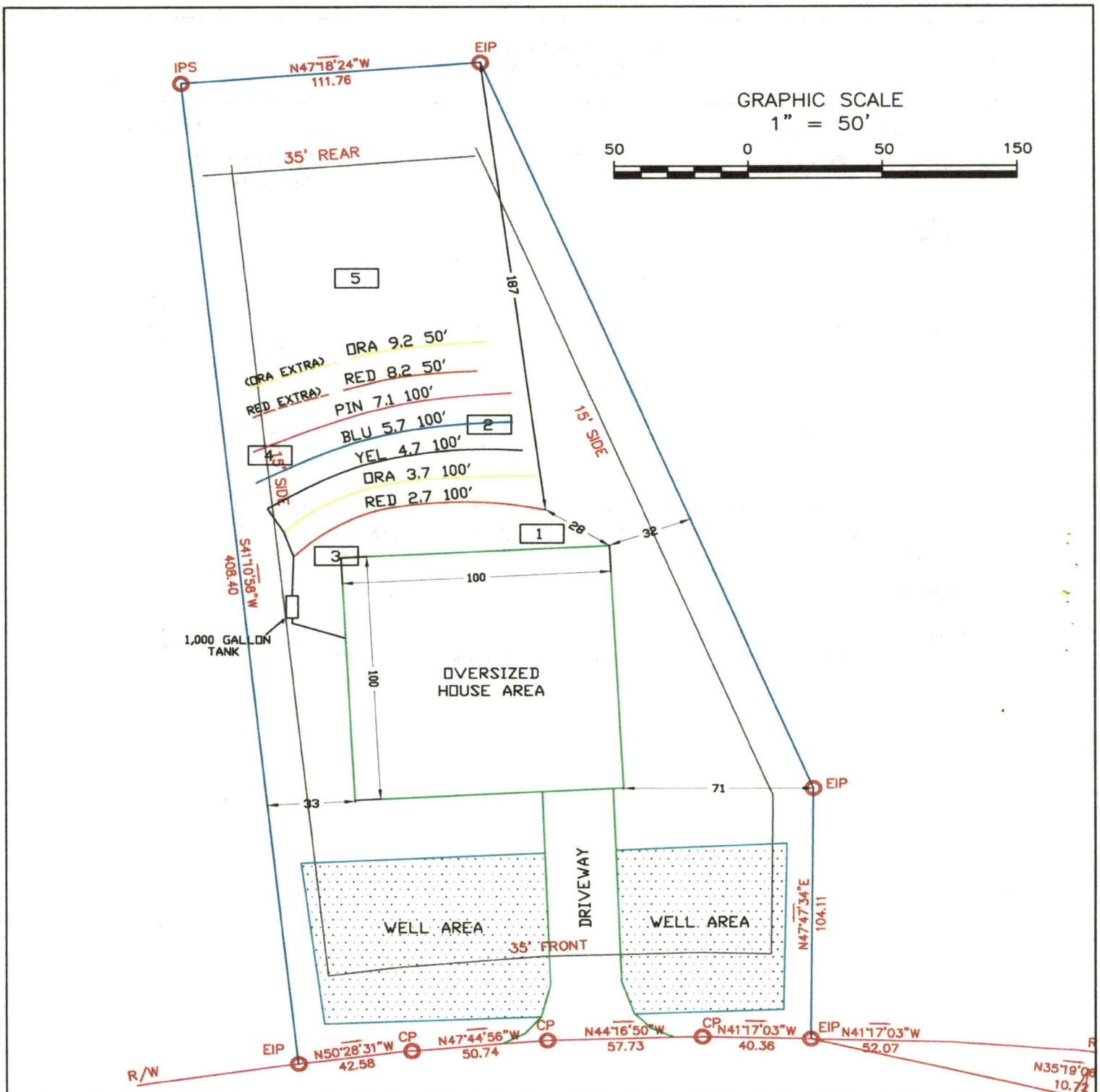
IMPROVEMENT PERMIT by: Benjamin A. Baker Date: 4-6-22 OPERATION PERMIT by: Sydney Holland Date: 7/17/23

AUTHORIZATION TO CONSTRUCT by: Matt Wain Date: 12/7/22 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? _____	



SHEET 1 OF 1	SHEET TITLE: SEPTIC SYSTEM LAYOUT	PROJECT INFO: HARBOR WATCH, LOT 71 IREDELL COUNTY MARCH, 2022	Soil & Forestry Services of the Carolinas, PA 813 Davidson Dr NW, Concord NC 28025 www.soilandforestryservices.com	SCALE 1" = 50'	PROJECT NO. 21-1080
				FIELD WORK WO	
				DRAWN BY WO	
				PROJECT MGR. WO	

Laurel Cove Rd, Lot# 71
LAYOUT SPECS

Daily Flow (gpd) **360** **Mar 2022**

LINE #	FLAG COLOR	BS	HI	FS	ELEV	FLAGGED LENGTH	DESIGN LENGTH
TBM INSTR. 1							
			SYSTEM				
1	red			2.70		107	100
2	orange			3.70		106	100
3	yellow			4.70		104	100
			REPAIR				
4	blue			5.70		100	100
5	pink			7.10		100	100
6	red			8.20		88	50
7	orange			9.20		90	50

	LINE LENGTH	LTAR GPD/FT^2	SYSTEM TYPE	REDUCTION TYPE	DIST	TRENCH DEPTH
SYSTEM	300	0.300	ACCEPTED	25%	GRAVITY	24
REPAIR	300	0.300	ACCEPTED	25%	GRAVITY	24

Notes: **All measures in feet
**Nitrification lines are demonstrated on contour via colored pin flags
**BS and FS indicate rod readings

Laurel Cove Rd, Lot# 71
ACCEPTED GRAVITY SYSTEM
FOR WASTEWATER TREATMENT

Business (if applicable):	N/A
Contact:	Mark Westray
Phone:	919-628-3587
Email:	mwestray@geiconsultants.com
County:	Iredell
Location:	Laurel Cove Rd

Design Specifications

Source of Wastewater Flow:	3	bedroom home
Estimated Daily Wastewater Production:	360	gpd
Drain field Size:	300	lf
Loading Rate:	0.3	$gpd/ft.^2$
Trench Depth:	24	in
Trench Width:	36	in
Septic Tank Size:	1000	gal

Laurel Cove Rd, Lot# 71
Calculations

PROJECT INFO	Designer	W. Overby
	Project Name	Laurel Cove Rd
	Project #	21-1080
	Project MM YYYY	Mar 2022
	Lot # (if applicable)	71
	Business (if applicable)	N/A
	Contact	Mark Westray
	Phone	919-628-3587
	Email	mwestray@geiconsultants.com
	County	Iredell
	Bedrooms	3
	Daily Flow	360
SYSTEM	System LTAR	0.3
	System Type	ACCEPTED
	System Distribution	GRAVITY
	System Trench Depth	24
	Required Feet of Line (system)	300
REPAIR	Repair LTAR	0.3
	Repair Type	ACCEPTED
	Repair Distribution	GRAVITY
	Repair Trench Depth	24
	Required Feet of Line (repair)	300

PROPERTY ID #: 4711434415.000
COUNTY: Iredell

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

OWNER: Mark Westray
ADDRESS: 256 Laurel Cove Road
PROPOSED FACILITY: 360 gpd
LOCATION OF SITE: Harbor Watch, Lot 71
WATER SUPPLY: [✓] Private [✓] Well [ ] Spring [ ] Other
EVALUATION METHOD: [ ] Auger Boring [✓] Pit [ ] Cut

APPLICATION DATE:
DATE EVALUATED: 2/14/2022
PROPERTY SIZE: 1.56
PROPERTY RECORDED:
TYPE OF WASTEWATER: [X] 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 SAPR CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	L / 11	0-5	B SL WFG		N/A	36 30-36 c rock	PS	N/A	.3
		5-10	RB SCL WFS	FR SS SP					
		10-36	R C WFS	FR SS SP					
		36-60	VAR L MASS	FR SS SP					
2	L / 11	0-5	B SL WFG	VFR NS NP	N/A	42	UN @ 42	N/A	.3
		5-9	RB SCL WFS	FR SS SP					
		9-30	R C WMF	FI SS SP					
		30-42	R CL WFS	FR SS SP C SAP					
		42-60	VAR L MASS	VFI SS SP					
3	L / 11	0-4	B SL WFG		N/A	48	UN @ 48	N/A	.3
		4-8	RB SCL WFS	FR SS SP					
		8-36	R C WMS	FR SS SP					
		36-48	BR CL WFS	FR SS SP FEW SAP					
		48-60	VAR L MASS	VFI SS SP					
4	L / 11	0-8	B SL WFG	FR SS SP	N/A	60	N/A	N/A	.3
		8-48	R C WMS	FR SS SP					
		48-60	RB CL WFS	FR SS SP FEW SAP					
5	L / 11	0-8	B SL WFG	FR SS SP	N/A	50	PS @ 50	N/A	.3
		8-32	R C WMS	FR SS SP					
		32-50	R SC WFS	FR SS SP					
		50-62	VAR L MASS	FR NP NP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	300	300
System Type(s)	ACCEPTED	ACCEPTED
Site LTAR	.3	.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: OVERBY
OTHERS PRESENT:

LICENSED SOIL SCIENTIST JAMES WENDELL OVERBY 1215 NORTH CAROLINA

COMMENTS:

ICHD - ENVIRONMENTAL HEALTH DIVISION

BLD-2022-10281

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # AP324864

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

PIN # 4711 -- 43 --4415

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SITE DIRECTIONS: Hwy 115 to old Mountain Rd to Legend Ln & onto Buffalo Shoals @ Laurel Cove SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: Harbor Watch SECTION: - LOT # 71 LOT AREA: 1.56 AC DESIGN FLOW: 360 L.T.A.R.: 130

Septic Tank	1000	(gal)	STB		Date				
Pump Tank		(gal)	PT		Date				
Pump Make			Model		Serial #				
# Nitrification Fields	1		# Lines	3	Linear Ft	300			
Trench Width	36 in.		Trench Bottom Depth (~~Longside~~)		24 inches	Gravel Depth			

☒ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI

System Description: Gravity - 25% Reduction

Repair System Description: Gravity - 25% Reduction

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

☒ Residence No. Bedrooms 3

☐ Business No. Persons 6

☐ Other No. Employees

☐ Slab ☒ Crawl Space

☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply

☒ Private

☐ Public

☐ Community

Comments / Conditions:

INITIAL SITE SKETCH

This permit is issued pursuant to Section 11 . (C) of S.L. 2018-114 using the signed and sealed LSS Evaluation by:

Soil + Forestry Services of the Carolinas, PA

LSS # 1218 Dated March 25, 2022

AS BUILT SKETCH

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Owner / Applicant Signature: Mark Westray Date: 4/23/2022 Installed by:

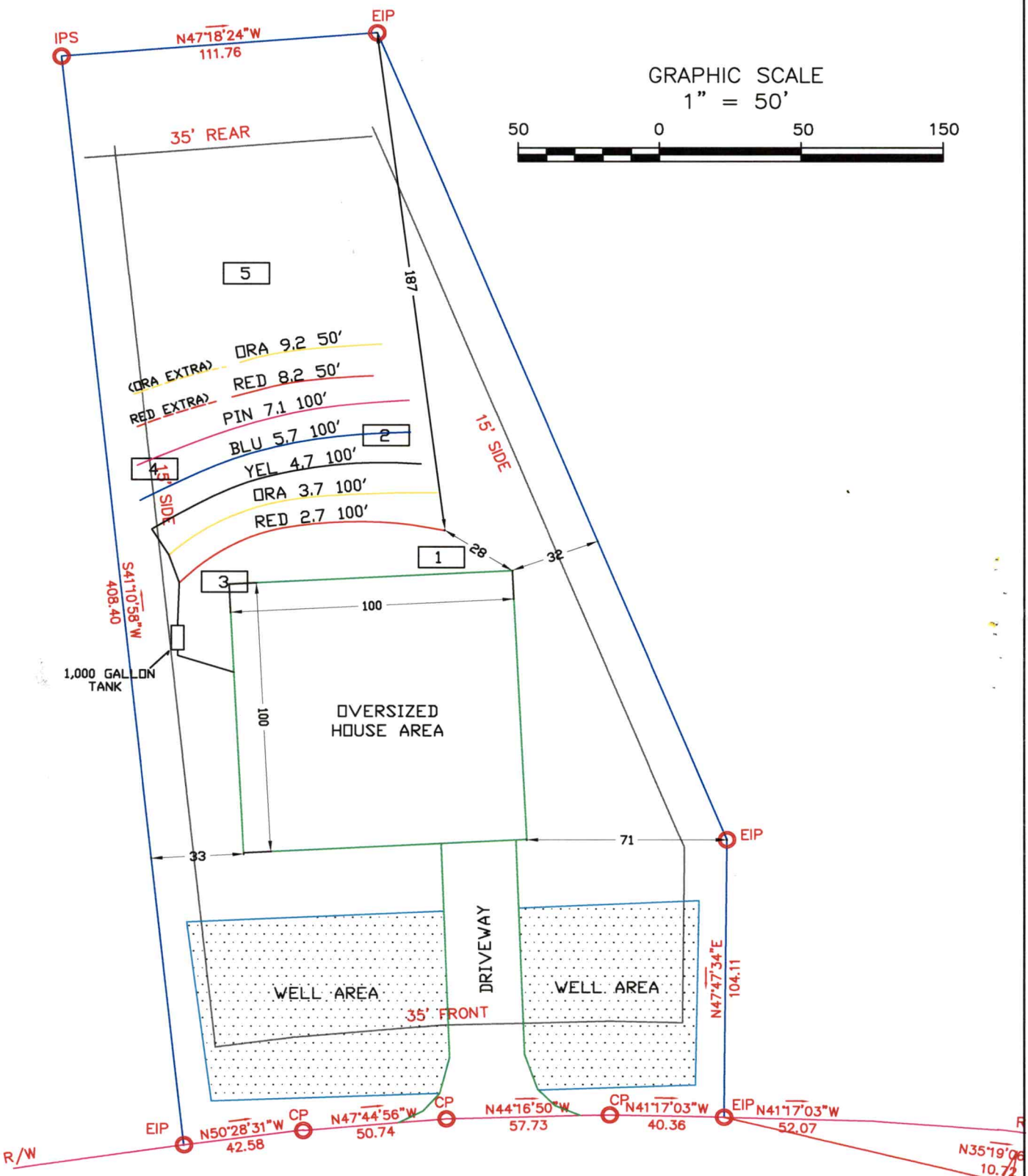
IMPROVEMENT PERMIT by: Benjamin A. Baker Date: 4-6-22 OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Matt Wise Date: 12/7/22 Existing System Inspected by: Date:

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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	
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Initial or Repair? _____	



SHEET 1 of 1	SHEET TITLE: SEPTIC SYSTEM LAYOUT	PROJECT INFO: HARBOR WATCH, LOT 71 IREDELL COUNTY MARCH, 2022	SOIL & FORESTRY SERVICES OF THE CAROLINAS, PA	Soil & Forestry Services of the Carolinas, PA 813 Davidson Dr NW, Concord NC 28025 www.soilandforestryservices.com	SCALE 1" = 50'	FIELD WORK WO	DRAWN BY WO	PROJECT MGR. WO	PROJECT NO. 21-1080

Laurel Cove Rd, Lot# 71
LAYOUT SPECS

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**BS and FS indicate rod readings

Laurel Cove Rd, Lot# 71
ACCEPTED GRAVITY SYSTEM
FOR WASTEWATER TREATMENT

Business (if applicable):	N/A
Contact:	Mark Westray
Phone:	919-628-3587
Email:	mwestray@geiconsultants.com
County:	Iredell
Location:	Laurel Cove Rd

Design Specifications

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	Repair Type	ACCEPTED
	Repair Distribution	GRAVITY
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	Required Feet of Line (repair)	300

PROPERTY ID #: 4711434415.000
COUNTY: Iredell

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

OWNER: Mark Westray
APPLICATION DATE:
ADDRESS: 256 Laurel Cove Road
DATE EVALUATED: 2/14/2022
PROPOSED FACILITY: 360 gpd
PROPERTY SIZE: 1.56
LOCATION OF SITE: Harbor Watch, Lot 71
PROPERTY RECORDED:
WATER SUPPLY: ☑ Private ☑ 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)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPR CLASS	.1944 RESTR HORIZ	
1	L / 11	0-5	B SL WFG		N/A	36	PS	N/A	.3
		5-10	RB SCL WFS	FR SS SP					
		10-36	R C WFS	FR SS SP		30-36 c rock			
		36-60	VAR L MASS	FR SS SP					
2	L / 11	0-5	B SL WFG	VFR NS NP	N/A	42	UN @ 42	N/A	.3
		5-9	RB SCL WFS	FR SS SP					
		9-30	R C WMF	FI SS SP					
		30-42	R CL WFS	FR SS SP C SAP					
		42-60	VAR L MASS	VFI SS SP					
3	L / 11	0-4	B SL WFG		N/A	48	UN @ 48	N/A	.3
		4-8	RB SCL WFS	FR SS SP					
		8-36	R C WMS	FR SS SP					
		36-48	BR CL WFS	FR SS SP FEW SAP					
		48-60	VAR L MASS	VFI SS SP					
4	L / 11	0-8	B SL WFG	FR SS SP	N/A	60	N/A	N/A	.3
		8-48	R C WMS	FR SS SP					
		48-60	RB CL WFS	FR SS SP FEW SAP					
5	L / 11	0-8	B SL WFG	FR SS SP	N/A	50	PS @ 50	N/A	.3
		8-32	R C WMS	FR SS SP					
		32-50	R SC WFS	FR SS SP					
		50-62	VAR L MASS	FR NP NP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	300	300
System Type(s)	ACCEPTED	ACCEPTED
Site LTAR	.3	.3

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

LICENSED SOIL SCIENTIST JAMES WENDELL OVERBY 1216 NORTH CAROLINA

COMMENTS:

SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

March 25, 2022

Iredell County Environmental Health
Attn: Heath Snow
349 N Center Street
Statesville, NC 28677

Re: Session Law 2018-114 Submittal for Lot 71 Harbor Watch Subdivision

256 Laurel Cove Road

Mr. Snow,

Attached please find sealed soil notes as well as site plans and design related data for a 3-bedroom accepted system using gravity distribution. The design packet is submitted under Session Law 2018-114 (HB 374).

"The LSS Evaluation attached to this application is to be used to produce design and construction features for permitting in accordance with SL 2018-114 Section 11.(c)."

Owners: Mark & Gloria Westray:

Signature: Mark Westray

"The LSS Evaluation is being submitted pursuant to and meets requirements of SL 2018-114 Section 11.(c)."

Wendell Overby, LSS

Signature: Wendell Overby

Seal:



SOIL & FORESTRY SERVICES
OF THE CAROLINAS, PA

A design for a 3 Bedroom
ACCEPTED Septic System
using GRAVITY distribution
for Laurel Cove Rd, Lot# 71

Contents: **Page**

Information for the Installer---------- 1

Design Information
- Design Specifications---------- 2
- Layout Specifications---------- 3

Site Plan---------- 4

Calculations---------- 5

Iredell County Septic Application---------- 6-7

Environmental Health Form---------- 8

Agent Authorization---------- 9

Zoning Permit---------- 10

Soil Descriptions---------- 11

Mar 2022
Design By: W. Overby

Laurel Cove Rd, Lot# 71
INFORMATION FOR THE INSTALLER

* Tanks shall be approved by DHHS, and certification supplied by the manufacturer.
* The installer shall be responsible to the owner for placement of the tanks and to insure that final grades are returned to the original natural grade, with exception of added structural features.
* The supply trench shall be compacted to eliminate cavities left during initial fill placement
* Installation of the system shall be during dry conditions in order to protect the soil
* All joints shall be cleaned with PVC pipe cleaner and a heavy bodied glue applied to weld all joints.
* Where required by the county health department, post installation inspections by the designer must be scheduled 5 week days in advance.
* Trenches shall be carefully excavated so the bottom is within 2" from the highest to the lowest points of elevation within the trench. If the bottom elevation needs adjusting after it has been trenched, it will be done by removing high points rather than filling low points. It is extremely important to insure that trenches are not over excavated during initial trenching. All fine grading within the trench will be hand done with a shovel. No loose material will be left in the trench
* All pipe openings in the tanks shall be properly grouted. This also applies to the joints around the riser.
* All tanks shall be properly back filled and compacted to prevent slump at a later date.
* Earth dams, constructed of relatively impervious material, shall be installed at the beginning and end of each lateral.
* No heavy equipment shall be used on the field during or after installation. The use of a small loader (i.e. Bobcat) or a trencher (i.e. Ditch Witch 2300/2310) may be used.
* Elevations at pinflag locations should be checked by the installer prior to beginning
* Septic tank riser shall be a minimum of 6" above finished grade.
* **System specified as ACCEPTED type using GRAVITY distribution**
* **Repair specified as ACCEPTED type using GRAVITY distribution**
* **System trench depth specified at 24"**
* **System trenches installed on 9' minimum; 3' wide trenches**
* **See Figure 1. Septic System Layout and House Plan**

RECEIVED MAR 2 8 2022

APPLICATION MUST BE FILLED OUT COMPLETELY & BE LEGIBLE OR IT WILL NOT BE PROCESSED AP-324864

Iredell County Health Department – Environmental Health Division

PAGE 1: *APPLICATION FORM* Session Law $500.00

Application For: (X) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
(X) Septic Improvement Permit (X) Authorization to Construct ( ) Existing System Inspection ( ) Septic System Repair

THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED. APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS.

Page 2: *Site Plan Worksheet* form MUST accompany this application

The following optional attachments may also be submitted: (X) Survey Plat, scaled no more than 1 inch = 60 feet
Place an (X) *beside whichever is submitted if applicable* (X) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: Mark & Gloria Westray **Address:** 112 Donna Pl Cary NC **Zip:** 27513

Applicant Email: mwestray27513@gmail.com **Phone:** 919-628-3587 **Alt. Phone:** _____

Owner Name: Same **Address:** _____ **Zip:** _____

Owner Email: _____ **Phone:** _____ **Alt. Phone:** _____

Property Information:

Street Address: 256 Laurel Cove Rd

Subdivision Name: Harbor Watch **Section/Phase:** _____ **Lot Number:** 71

Driving Directions: From Hwy 115 & Old Mountain Rd: West on Old Mountain Rd toward Legend Ln;
Turn left onto Buffalo Shoals Rd; Turn left onto Laurel Cove Rd; Destination on right

Site Development Information: *(check or complete ALL that apply*

(X) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem: _____

Maximum Number of Bedrooms: 3
Maximum Number of Occupants: 6
( ) Swimming Pool
( ) Other Addition/Structure: _____

CHECK FOUNDATION TYPE
(X) Crawl Space Foundation
( ) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

Non-Residential Site Development: Type of Business: _____
Square Footage of Building: _____ Max. Number of Employees: _____ Max. Number of Seats/Beds/Other: _____

Water Supply:

( ) Replacement Well – Reason: _____
( ) Multi-connection Well Number of Houses: _____ Number of Persons: _____

(X) New Well ( ) Existing Well ( ) Community Well ( ) City Water ( ) Other Public Water

Desired Septic System Type: *(you may rank in order of preference)*

Year existing system installed: _____
( ) No Preference ( ) Alternative ( ) Conventional (X) Innovative ( ) Modified Conventional ( ) Other: _____

Please answer the following to the best of your ability:

( ) Yes (X) No Does the site contain any jurisdictional wetlands?
( ) Yes (X) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (X) No Is the site subject to approval by any other public agency?

I have read this application and certify that the information provided herein is true, complete, and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed.

Signature: _____ 01/21/2022
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

Public Health
Prevent. Promote. Protect.
Iredell County Health Department

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

Public Health
Prevent. Promote. Protect.
Iredell County Health Department

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

(Check and sign only ONE of the options below)

☐ **1. * APPLICANT AND OWNER ARE THE SAME. * (*Sign here*)** _____

Applications for permits require the "signature of the owner or owner's legal representative" (15A NCAC 18A .1937). If the owner does not sign the application himself or herself, they can submit any one of the following documents to designate their legal representative: *Power of Attorney; Real Estate Contract; Estate executor; Bankruptcy trustee; Court ordered guardianship*
In the absence of the above documentation, the property owner may provide the local health department with documentation that designates a legal representative. A property owner may:
Complete this form to document his or her legal representative, or provide his or her own form that contains the information in this form. If there are multiple property owners, then all property owners must sign the form that designates a legal representative.
By signing a form that designates a legal representative for purposes of 15A NCAC 18A .1937, the property owner authorizes that representative to act on their behalf in matters pertaining to the application and permitting process, including signing or receiving any application, document or permit. The owner retains full responsibility to meet all permit conditions specified by the local health department.

☒ **2.** I, Mark & Gloria Westray, am the legal owner(s) of the property located at 112 Donna Pl Cary NC 27513, identified as PIN (Parcel Identification Number) 4711434415.000, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Wendell Overby, Soil & Forestry Services of the Carolinas, PA, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

- Application for Improvement Permit (IP) / Authorization to Construct (AC)
- Improvement Permit (IP) / Authorization to Construct (AC)
- Application for soil-site evaluation (new/repair)
- Application/permit for private drinking water well/well abandonment
- Application for Compliance Inspection

I agree to abide by all decisions and/or conditions between the legal representative acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division.

Mark Westray
Signature of Owner(s)

01/21/2022
Date

Mooresville - Environmental Health

Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

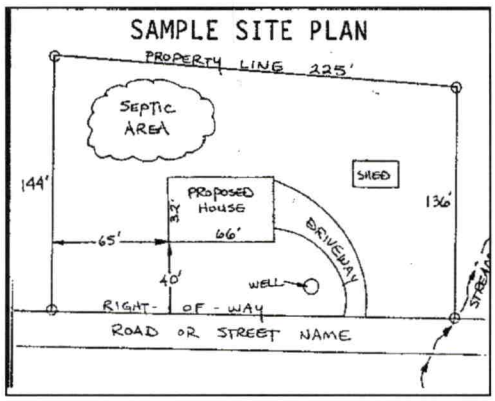
Statesville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 2: *SITE PLAN WORKSHEET*

SEE THE "SAMPLE SITE PLAN" BELOW. *INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM PERMIT!!!*



Place an (X) beside each item as you complete the site plan:

- **(×) Property Line measurements are clearly identified**
- **(×) All proposed structures are indicated**
- **(×) Front and side setbacks from property line**
- **(×) Preferred driveway location and well location**
- **(×) Area you prefer your septic system to be placed**
- **(×) North arrow, or other sufficient indicator of direction**

Circle N/A on the following if appropriate:

Location of septic systems and wells within 100' of your property **N/A**
Location of easements and rights of ways on your property **N/A**
Location of any designated wetlands on the property **N/A**

USE THIS SPACE TO DRAW YOUR SITE PLAN

Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site

SEE ATTACHED PLANS

Signature: _____

Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

01/21/2022

DATE

IREDELL COUNTY · NC

IREDELL COUNTY
PO Box 788
349 North Center St.
Statesville, NC 28677

APPLICATION NUMBER
324864 Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4711434415.000	256 LAUREL COVE RD	Iredell County

Owner Information	Applicant Information
Name: WESTRAY MARK S+GLORIA M	Name: SOIL AND FORESTRY SERVICES
Address:	Address: 813 DAVIDSON DR NW
,	CONCORD, NC 28025
Phone:	Phone: (704)239-2001

Use Requested	Zone Code
Single Family Dwelling	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
1.56	35	35	15	15	WSIV-CA Catawba/Lake Norman	NO

Remarks
SFD**need discl**

The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions, plat conditions and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

Wendell Overby
Signature of Owner/Contractor

Date: 01/21/2022

Permit Number	324864	TOTAL FEES:	$77.25

SEAL FOR STRUCTURAL ONLY
NC Certificate of Licensure P-0793

PROJECT:
Mark Westray Residence
256 Laurel Cove Rd.
Statesville , NC 28677

Southern dynamic
Engineering and Design, PLLC
P.O. BOX 87, Waxhaw, NC 28173
Ph: (704) 900-4596 Fax: (704) 749-9439
Email: Scott@SouthernDynamic.com
Website: SouthernDynamic.com

DRAWN BY: KATHY HARRIS
DATE: SEPTEMBER 22, 2022
REVISIONS:
SHEET S1

Acknowledgement Of
Plans Submittal ONLY!
Date 12/7/22
Date

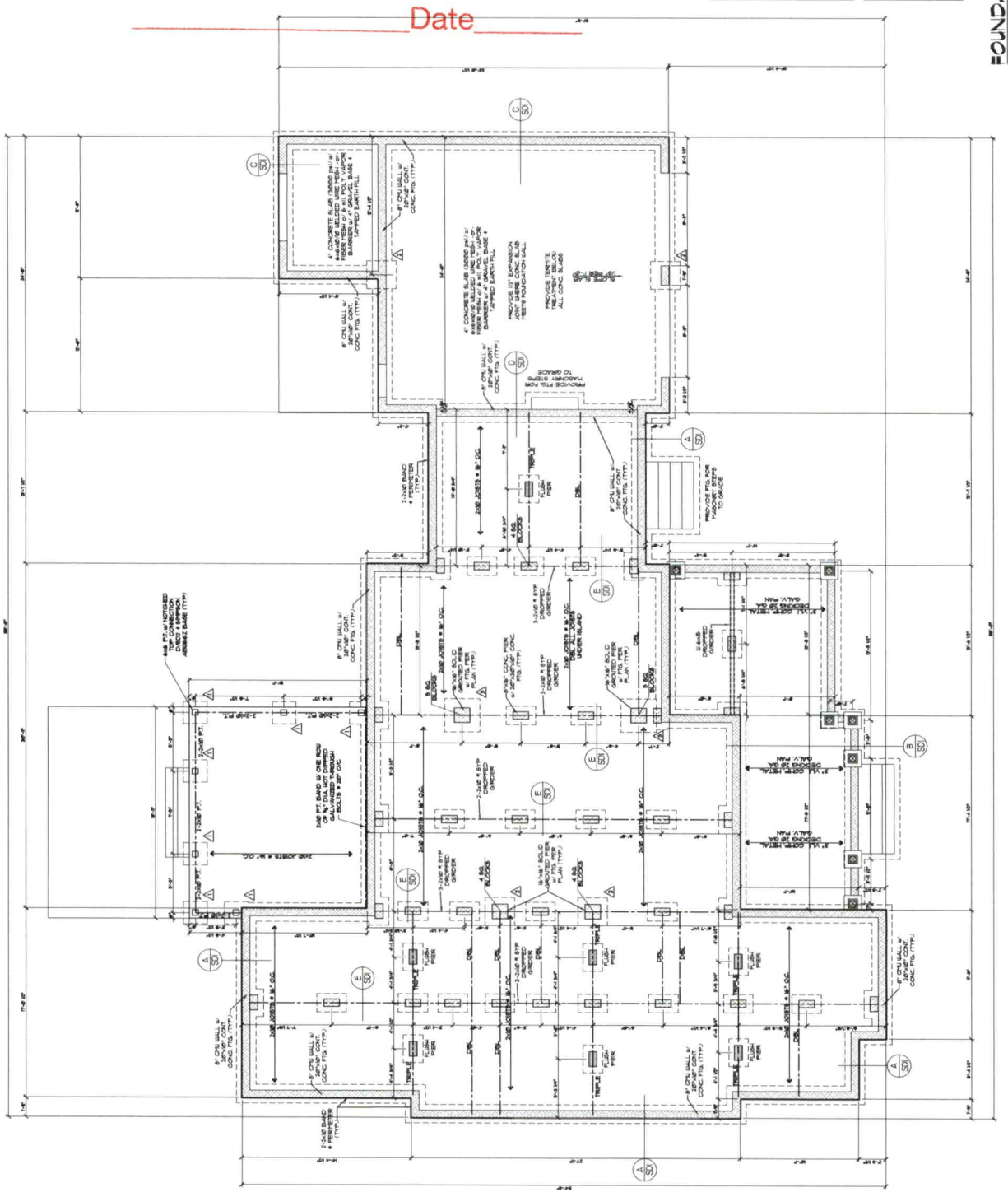
FOOTING KEY

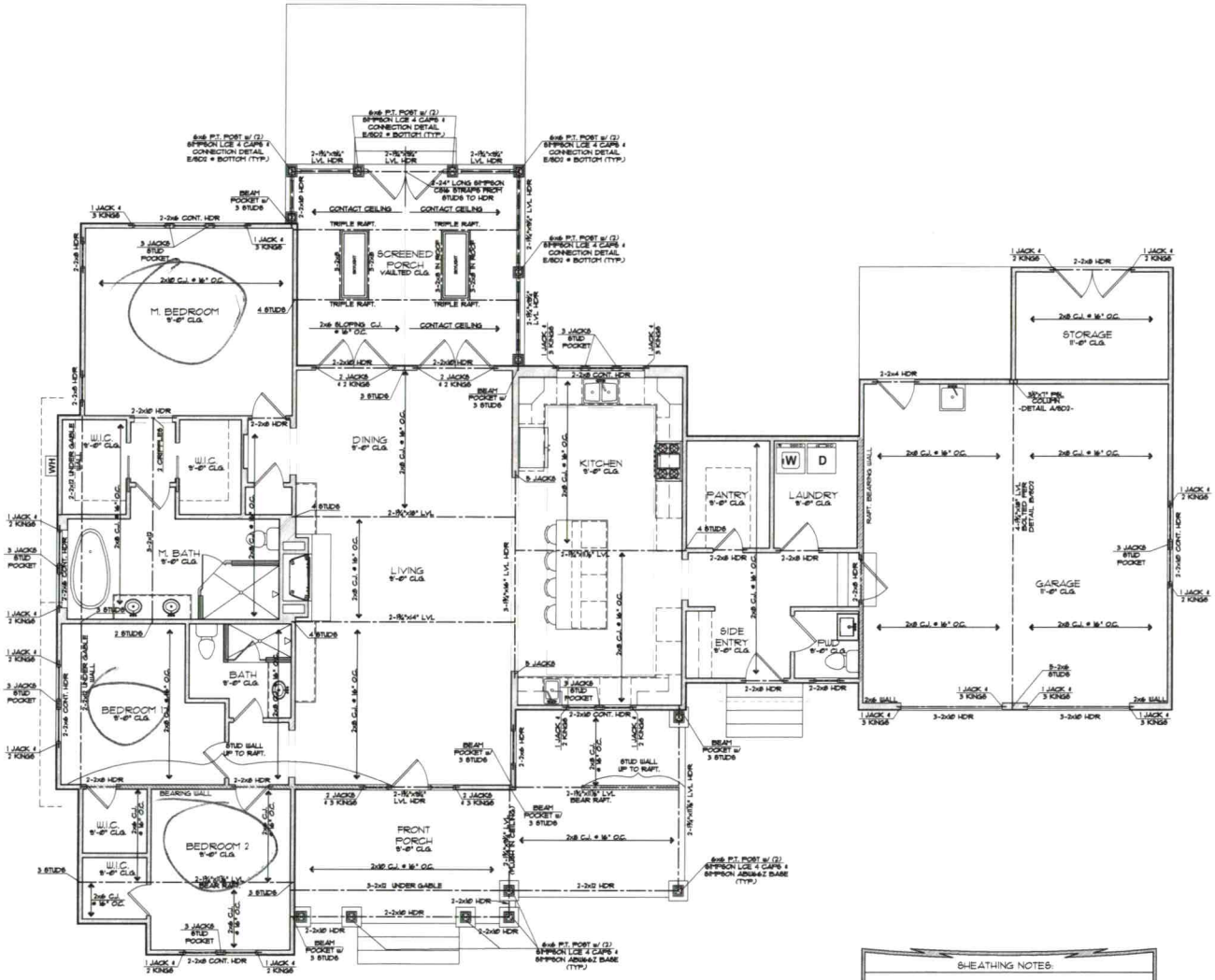
A	24"x24"x16" CONC. FTG.
B	30"x30"x16" CONC. FTG. W/ 4-#5 BARS @ BOTTOM
C	36"x36"x16" CONC. FTG. W/ 5-#5 BARS @ BOTTOM
D	42"x42"x16" CONC. FTG. W/ 6-#5 BARS @ BOTTOM
E	48"x48"x16" CONC. FTG. W/ 7-#5 BARS @ BOTTOM

PIER KEY

	16"x16" CFU PIER (DROPPED TO ACCEPTABLE UNDISTURBED SOIL)
	16"x16" CFU PIER (AT TYPICAL FOUNDATION HEIGHT)

FOUNDATION PLAN
SCALE: 1/4" = 1'-0"





SHEATHING NOTES:

1. THE LATERAL BRACING REQUIREMENTS FOR THIS PLAN HAVE BEEN ACCOUNTED FOR UTILIZING AN ENGINEERED DESIGN AS PERMITTED IN SECTION R602.10.5 OF THE 2018 NCRC.

2. ALL PERIMETER WALLS ARE TO BE FULLY SHEATHED WITH A MINIMUM ½" OSB AND ATTACHED TO THE WALL FRAMING STUDS WITH 8d (2.5"x0.131") NAILS @ 6" O/C SPACING AT PANEL EDGES AND 12" O/C SPACING AT INTERMEDIATE SUPPORTS.

3. INSTALL BLOCKING ALONG OSB PANEL EDGES. FASTEN PANEL EDGES AT BLOCKING @ 3" O/C AND @ 6" O/C AT INTERMEDIATE FRAMING WHEN LESS THAN 50% BUT GREATER THAN 25% OF WALL IS SHEATHED.

4. SHEATH ALL GABLE END WALLS WITH ½" OSB.

TYPICAL HANGERS FOR JOIST & BEAMS

MEMBERS	SIMPSON HANGER	USP HANGER
2x8	LUS26	JUS26
2x10	LUS210	JUS210
2x12	LUS212	JUS212
2-2x8	HUS28-2	JUS28-2
2-2x10	HUS210-2	JUS210-2
2-2x12	HUS212-2	JUS212-2
3-2x8	LUS28-3	JUS28-3
3-2x10	LUS210-3	JUS210-3
3-2x12	HU212-3 MIN.	JUS212-3 MIN.
2-1¾"x9¼" LVL	HUS9.5/10	THDH9.5/10
2-1¾"x11⅞" LVL	HUS11.875/12	THDH11.875/12
2-1¾"x14" LVL	HUS14/12	THDH14/12
3-1¾"x14" LVL	HUS14/14	THDH14/14
2-1¾"x18" LVL	HUS18/14	THDH18/14
2-1¾"x24" LVL	HUS24/14	THDH24/14
3-1¾"x9¼" LVL	HUS9.5/10-3/10	THDH9.5/10-3
3-1¾"x11⅞" LVL	HUS11.875/12-3/12	THDH11.875/12-3
3-1¾"x14" LVL	HUS14/12-3/12	THDH14/12-3
3-1¾"x14" LVL	HUS14/14-3/14	THDH14/14-3
3-1¾"x18" LVL	HUS18/14-3/14	THDH18/14-3
3-1¾"x24" LVL	HUS24/14-3/14	THDH24/14-3
4-1¾"x9¼" LVL	HUS9.5/10-4/10	THDH9.5/10-4
4-1¾"x11⅞" LVL	HUS11.875/12-4/12	THDH11.875/12-4
4-1¾"x14" LVL	HUS14/12-4/12	THDH14/12-4
4-1¾"x14" LVL	HUS14/14-4/14	THDH14/14-4
4-1¾"x18" LVL	HUS18/14-4/14	THDH18/14-4
4-1¾"x24" LVL	HUS24/14-4/14	THDH24/14-4

NOTE: ALL HANGERS BY SIMPSON STRONG TIE CO., INC. (BRAND - NAME EQUIVALENTS ACCEPTABLE)

FIRST FLOOR PLAN

SCALE 1/4" = 1'-0"

SEAL FOR STRUCTURAL ONLY
NC Certificate of Licensure P-0713

10/6/22

PROJECT:
Mark Westray Residence
256 Laurel Cove Rd.
Statesville , NC 28677

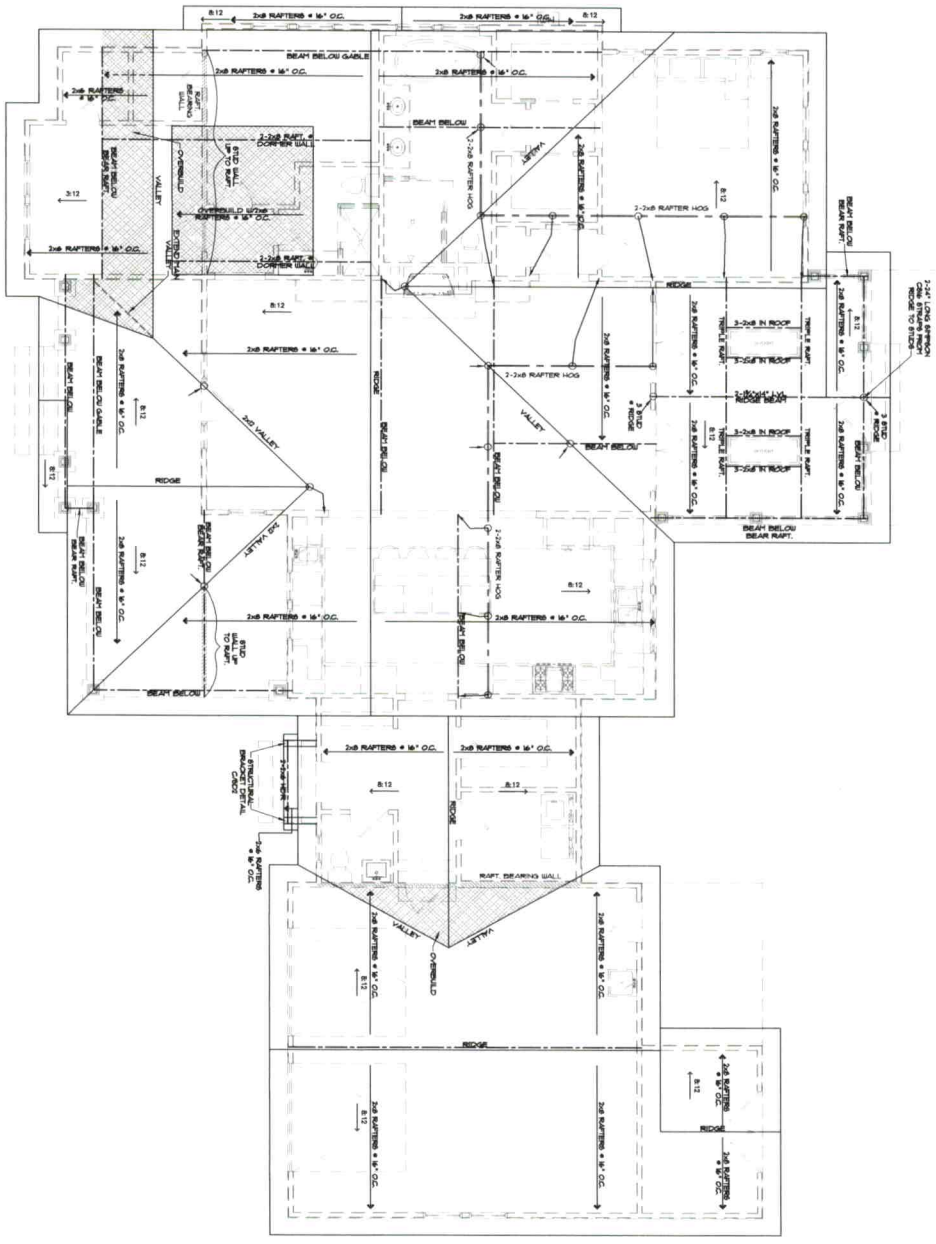
Southern dynamic
Engineering and Design, PLLC
P.O. BOX 87, Waxhaw, NC 28173
Ph: (704) 900-4596 Fax: (704) 749-9439
Email: Scott@SouthernDynamic.com
Website: SouthernDynamic.com

DRAWN BY: KATHY HARRIS

DATE: SEPTEMBER 22, 2022

REVISIONS:

SHEET
S2


2x8 RAFTERS @ 16" O.C.
BEAM BELOW GABLE
BEAM BELOW
2-2x8 RAFTER HIPS
2-2x8 RAFT. ON CORNER WALL
OVERBUILD
VALLEY
RIDGE
2-2x8 RAFTER HOG
3-2x8 IN ROOF
TRIPLE RAFT.
BEAM BELOW GABLE
BEAM BELOW RAFT.
3rd VALLEY
2nd VALLEY
8:12
3:12
RAFT. BEARING WALL
2-2x6 RAFTER HOG
2-2x6 RAFTERS @ 16" O.C.
2-2x6 RAFTERS @ 24" O.C.
PROJECT DETAIL CBC5
BEAM BELOW RAFT.
2-2x8 RAFT. ON CORNER WALL
2-2x8 RAFT. ON CORNER WALL
2-2x8 RAFT. ON CORNER WALL