ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # OSWP-2023-22174

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

PIN # 4646-21-3055

APPLICANT / OWNER: Benfield Outdoor Service & Solutions APPLICANT ADDRESS: 939 Brawley School Rd Mooresville NC 28117

SITE ADDRESS: 121 RAINBOW RD, MOORESVILLE, NC 28117 PHONE: 704-360-0376 ALT. PHONE:

SITE DIRECTIONS: S Williamson -> R Catalina -> R Rainbow -> lot on L SAP CONTROLLED: YES ☐ NO ☑

SUBDIVISION: Catalina Cove SECTION: N/A LOT #: 14 LOT AREA: 0.523 DESIGN FLOW: 480 L.T.A.R.: 0.3

Septic Tank: 1000 (gal)	STB: 760	Date: 1/11/24	☑ New System ☐ Repair ☐ Expansion	System Type: III	☑ Residence	No. Bedrooms: 4	Water Supply: New Well
Pump Tank: (gal)	PT:	Date:	System Description: Existing bed + VPPBPS		☐ Business	No. Persons: 8	
Pump Make:	Model:	Serial #:	Repair System Description: Perc Rite Drip - 800 ft 2		☐ Other	No. Employees:	
# Nitrification Fields: 1	# Lines: 2	Linear Ft.: 76	Maintenance Agreement Required: ☐ YES ☑ NO		☐ Slab	☑ Crawl Space	
Trench Width: 24	Trench Bottom Depth (~~from slab~~): 36 MAX		Gravel Depth: 0	☑ GRAVITY ☐ PRESSURE	☐ Basement w/ Plumbing	☐ Basement w/o Plumbing	

Comments / Conditions: MUST VERIFY THE INTEGRITY OF THE EXISTING BED TO ISSUE AUTH TO CONSTRUCT - PERMIT WILL BE REVOKED IF EXISTING SYSTEM HAS BEEN DAMAGED BY STRUCTURE OR STRUCTURE DEMOLITION. Must be 6' off the bed at all points of new trenches.

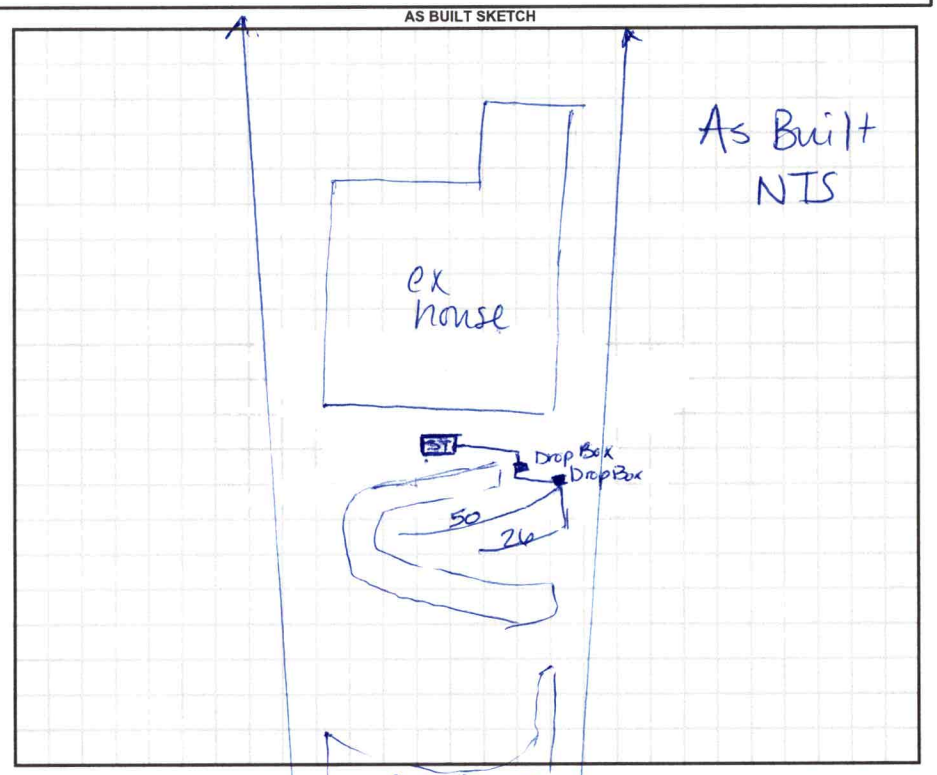
INITIAL SITE SKETCH

This permit is issued pursuant to G.S. 130A-335(a2), (a3) & (a4) using the signed and sealed LSS/LG Evaluation attached here, from:

Stamper Soil Services / BOSS

LSS# 1258

AS BUILT SKETCH



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: Matthew Benfield Date:

IMPROVEMENT PERMIT by: D. Weberg Date: 4/26/23

AUTHORIZATION TO CONSTRUCT by: Matt Wilkinson Date: 10/11/23

Installed By: Shady Knoll Andrew Daynes H

OPERATION PERMIT by: D. Weberg Date: 5/29/24

Existing System Inspected By: Date:

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

ICHD - ENVIRONMENTAL HEALTH DIVISION

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

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# Nitrification Fields: 1	# Lines: 2	Linear Ft.: 76	Maintenance Agreement Required: ☐ YES ☑ NO		☐ Slab	☑ Crawl Space	
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INITIAL SITE SKETCH

This permit is issued pursuant to G.S. 130A-335(a2), (a3) & (a4) using the signed and sealed LSS/LG Evaluation attached here, from:

Stamper Soil Services / BOSS

LSS# 1258

AS BUILT SKETCH

WELL ABANDONMENT needed
---IMPROVEMENT PERMIT ONLY---
SITE EVALUATION
DO NOT ISSUE BUILDING PERMIT!

FLOOR PLAN STILL NEEDED!

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: Matthew Benfield Date:

IMPROVEMENT PERMIT by: D. Weberg Date: 4/26/23

AUTHORIZATION TO CONSTRUCT by: Date: 10/11/23

Installed By:

OPERATION PERMIT by: Date:

Existing System Inspected By: Date:

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

LINE SCHEDULE				
LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)	DESIGN LENGTH (FT)
1	ORANGE	5.8	113x10	113
2	BLUE	6.6	50	50
3	GREEN	7	26	26
			TOTAL	TOTAL
			76	189

ADD LINE/PVC

INITIAL LINE

REPAIR LINE

REMOVE LINE

121 RAINBOW LANE, MOORESVILLE NC.
SECTION B, LOT 14 CATALINA COVE

4-BEDROOM GRAVITY CONVENTIONAL & PANEL BLOCK SYSTEM (VERTICAL)
LINES 1-3 TOTAL 189 LINEAR FT
LTAR 0.3
50% REDUCTION 8' OC
36" MAX TRENCH BOTTOM

1-BEDROOM PRETEATED (TS2) DRIP SYSTEM (AMERICAN PERC-RITE)
TOTAL 800 SQUARE FEET
LTAR 0.15
6-8" TRENCH BOTTOM

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

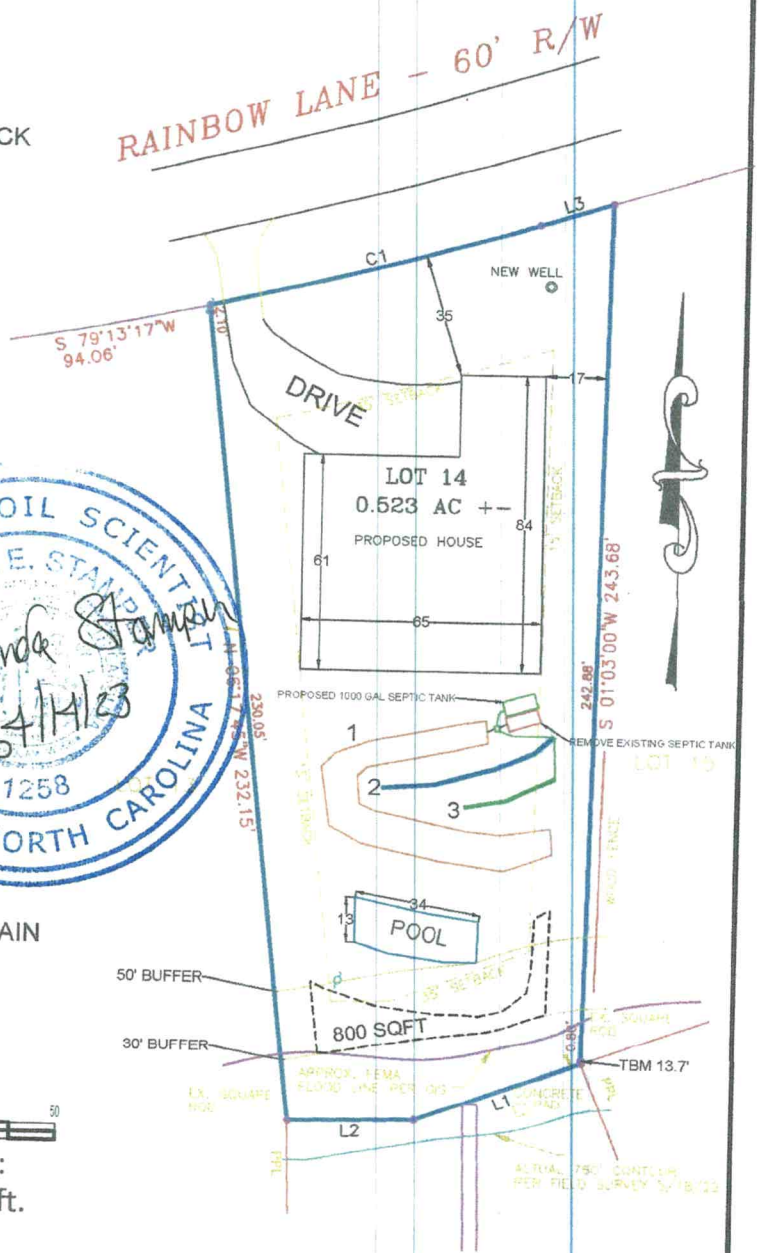
NOTES:
SOIL NOTES PROVIDED BY MIRANDA STAMPER

INFORMATION FOR INSTALLER:
CRUSH & FILL EXISTING TANK & REPLACE WITH 1000 GAL TANK. INSTALL NEW DROP BOX AND SERIAL FEED LINES 2-3.

ABANDON EXISTING WELL AND RELOCATE.

CONDITIONS: MUST BE INSTALLED BY A LICENSED SEPTIC INSTALLER. DRAINFIELD AREA MUST MAINTAIN NATURAL CONTOURS & SLOPE. IMPROPER OR EXCESSIVE GRADING WILL VOID THIS DESIGN AND BOSS IS NOT LIABLE.

LICENSED SOIL SCIENTIST
MIRANDA E. STAMPER
STATE OF NORTH CAROLINA
1258
Miranda Stamper 4/14/23



0 25 50

SCALE:
1" = 50 ft.

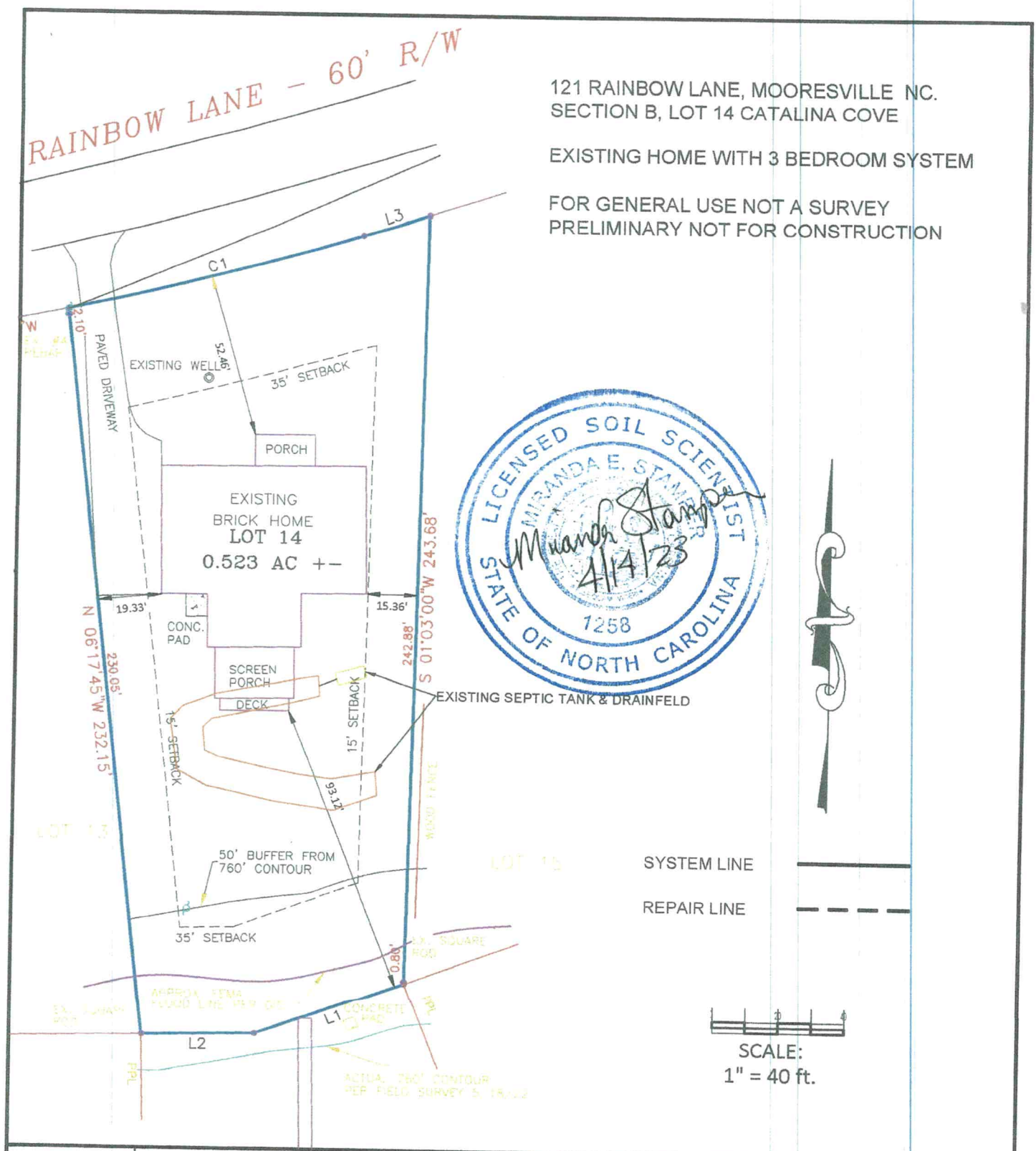
BOSS

Benfield Outdoor Services & Solutions, LLC
939 Brawley School Rd, Mooresville, NC 28117 Ph:704-360-0376
Info@yardsbyboss.com

JOHN CANTELLO

LOT 14
121 RAINBOW LN,
MOORESVILLE, NC
IREDELL COUNTY

DATE:3/27/23 DRAWN BY:MDB REVIEWED BY:MES



BOSS	Benfield Outdoor Services & Solutions 939 Brawley School Rd, Mooresville, NC 28117 Ph:704-658-8616 INFO@YARDSBYBOSS.COM	JOHN CANTELLO	**LOT 14** 121 RAINBOW LANE, MOORESVILLE, NC IREDELL COUNTY DATE: 3/27/23 DRAWN BY: MDB CHECKED BY: MES

County: Iredell

IMPROVEMENT PERMIT FOR G.S. 130A-335(a2)/SL2022-11

PIN/Lot Identifier: 4646213055

Issued To: John Cantello

Property Location: 121 Rainbow Ln, Mooresville NC

Subdivision: Catalina Cove Lot #: 14 Block: _____ Section: _____

LSS Report Provided: Yes ☑ No ☐

If yes, name and license number of LSS: Miranda Stamper

New ☑ Repair ☐ Expansion ☑ System Relocation ☐

Proposed Structure: 4 Bedroom Residence

Proposed Wastewater System Type: Gravity Panel Block (Initial) TS2 Pretreat Drip (Repair)

Fill System: ☐ Yes ☑ No If yes, specify: ☐ New ☐ Existing (when adding more than 6 inches of fill to system area please provide a fill plan)

Proposed Design Daily Flow: 480 GPD Proposed LTAR (Initial): .3 Proposed LTAR (Repair): .15

Design Wastewater Strength: ☑ domestic ☐ high strength ☐ industrial process

Number of bedrooms: 4 Number of Occupants: 8 Other: _____

Pump Required: ☐ Yes ☑ No ☐ May be required based upon final location and elevations of facilities

Artificial Drainage Required: ☐ Yes ☑ No If yes, please specify details: _____

Type of Water Supply: ☑ Private well ☐ Public well ☐ Municipal Supply ☐ Spring ☐ Other: _____

Drainfield location meets requirements of Rule .1945: Yes ☑ No ☐

Drainfield location meets requirements of Rule .1950: Yes ☑ No ☐

Permit valid for: ☑ Five years [site plan submitted pursuant to GS 130A-334(13a)] ☐ No expiration [plat submitted pursuant to GS 130A-334(7a)]

Permit conditions:

Must be Installed by a Licensed Septic Installer. Drainfield area must maintain natural contours.

Licensed Soil Scientist Print Name: Miranda Stamper

Licensed Soil Scientist Signature: Miranda Stamper Date: 4/14/23

The LSS evaluation is being submitted pursuant to and meets the requirements of G.S. 130A-335(a2).

See attached site sketch

County: Iredell

This Section for Local Health Department Use Only

Initial submittal received: complete 4/17/23 (Date) by Online (Initials)

Permit Number: OSWP- 2023-22174

G.S. 130A-335(a4) states the following: *'If a local health department fails to act on an application for an improvement permit submitted pursuant to subsection (a3) of the section within 10 business days of receipt of a complete application, the local health department shall issue the improvement permit.'*

In accordance with G.S. 130A-335(a3) the improvement permit application is:

☐ Incomplete (If box is checked, information in this section is required.)

The following items are missing:

_____

_____

Copies of this were sent to the LSS and the Owner on _____ (Date)

State Authorized Agent: _____ Date: _____

☐ Denied (See attached report.)

Copies of this were sent to the LSS and the Owner on _____ (Date)

State Authorized Agent: _____ Date: _____

☒ Complete

State Authorized Agent: D. Wiebenga Date of Issuance: 4/26/23

This Improvement Permit is issued pursuant to G.S. 130A-335 (a2), (a3), and (a4) using the signed and sealed LSS/LG evaluation(s) attached here. The issuance of this permit by the Health Department in no way guarantees the issuance of other permits. The permit holder is responsible for checking with appropriate governing bodies in meeting their requirements. This site is subject to revocation if the site plan, plat, or the intended use changes, or if information submitted in the application was falsified, inaccurate or misleading. The Improvement Permit shall not be affected by a change in ownership of the site. This permit is subject to compliance with the provisions of the Laws and Rules for Sewage Treatment and Disposal and to conditions of this permit. The location and identification of all property lines, easements, water lines, and other appropriate utilities shall be the responsibility of the owner.

The Department, the Department's authorized agents, and the local health departments shall be discharged and released from any liabilities, duties, and responsibilities imposed by statute or in common law from any claim arising out of or attributed to evaluations, submittals, or actions from a licensed soil scientist or licensed geologist pursuant to GS 130A-335(a2).

Improvement Permit Expiration Date: _____

See attached site sketch

- Must abandon well prior to A/C
- Need floor plans

BENFIELD OUTDOOR SERVICES & SOLUTIONS

Benfield Outdoor Services & Solutions
Phone: (704) 360-0376
939 Brawley School Rd.
Mooresville, North Carolina 28117
Info@yardsbyboss.com
LLS: Miranda Stamper #1258

Attention:
Iredell County Environmental Health Department
Address: 610 E Center Ave, #100, Mooresville NC
Phone: 704-664-5281

Recommended Wastewater Disposal System

Owner: John Cantello & Christine Cantello
PIN: 4646213055
Address: 121 Rainbow LAne, Mooresville NC
To whom it may concern,

You will find attached a copy of the wastewater disposal system proposed for the owners John Cantello of lot #(s) 14, PIN # 4646213055 on 3-27-23 in Iredell County. Also attached are the sealed soil notes, site plan and design for an onsite wastewater disposal system. The LSS evaluation attached to this application is to be used to issue an Improvement Permit in accordance with G.S. 130A-335(a2) and (a3). Please review the attached proposal and contact me if you have any questions or concerns.

The LSS evaluation attached to this application is to be used to produce design and construction features for permitting in accordance with G.S. 130A-335(a2).

Owner: John L. Cantello & Christine Cantello
Signature: John L. Cantello
Signature: Chris Cantello

The LSS evaluation is being submitted pursuant to and meets the requirements of G.S. 130A-335(a2).

Miranda Stamper, LSS
Signature: Miranda Stamper, LSS

BOSS
939 Brawley School Rd.
Mooresville, NC

Sheet 1 *of* 1
PROPERTY ID #: 4646213055
COUNTY: Iredell

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

OWNER: _____ Lot # 14 APPLICATION DATE: _____
ADDRESS: 121 Rainbow Lane DATE EVALUATED: 3/16/23
PROPOSED FACILITY: 4 bedroom PROPOSED DESIGN FLOW (.1949): 480 PROPERTY SIZE: 0.523 acres
LOCATION OF SITE: _____ PROPERTY RECORDED: _____
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)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
B1	2%	0-3	GR SCL	NS NP FR	-	48"	-	-	0.3
		3-40	SBK CL	SS SP FI					
		40-48	SBK CL	S SP FI/FR					
B2	L 3-4%	0-7	GR SCL	NS NP FR	-	48"	FEW INCLUSIONS @38"	-	0.3
		7-38	SBK CL	S SP FI					
		38-48	SBK SCL	NS NP FR					
B3	L 3-4%	0-9	GR SCL	NS NP FR	-	48"	-	-	0.3
		9-40	SBK C	S SP FI					
		40-48	SBK CL	NS NP FR					

LICENSED SOIL SCIENTIST
MIRANDA E. STAMPER
4/4/23
1258
STATE OF NORTH CAROLINA

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	189LF	800
System Type(s)	CONVENTIONAL AND PPBPS	PRETREAT DRIP
Site LTAR	0.3	0.15

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): S
EVALUATED BY: MIRANDA STAMPER
OTHER(S) PRESENT: MICHAEL BENFIELD

COMMENTS: _____

Updated March 2022

13642

PIN# 4646-21-3055

IREDELL COUNTY HEALTH DEPARTMENT

IMPROVEMENT PERMIT AND CERTIFICATE OF COMPLETION / OPERATIONS PERMIT

OWNER OR CONTRACTOR Glenn Blackmon. DATE 4/22/93 PERMIT NO. 26514

PHONE: Business _____ Home 663-0917

LOCATION Rainbow Rd; Catalina Cove TR on Rainbow to 2nd house on (L)

S.R. No. _____

SUBDIVISION NAME Catalina Cove LOT NO. 14 SECTION OR BLOCK NO. _____

House ☑ Mobile Home ☐ Business ☐ Other _____

No. Bedrooms 3 No. Bathrooms 2

Garbage Disposal Unit Yes ☐ No ☑

Auto. Dishwasher Yes ☑ No ☐

Auto. Wash. Machine Yes ☑ No ☐

Lot Area Existing.

Soil Characteristics Existing System

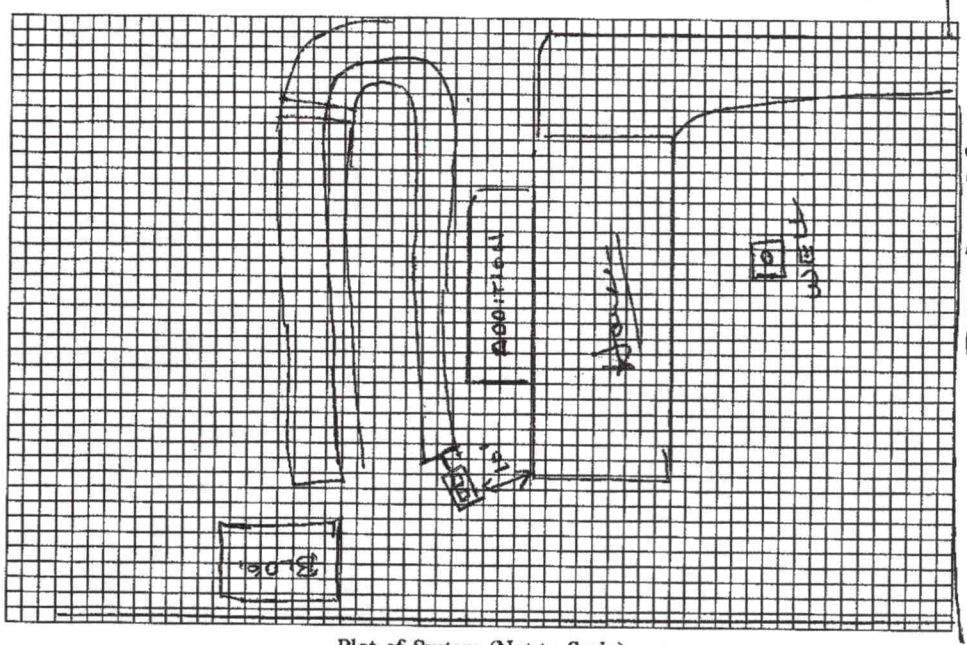
Application Rate _____

Topography _____

Depth to Water Table _____

Rock or other impervious formations _____

_____ Basement with Plumbing _____ Basement without Plumbing _____ No Basement ✓ Crawl Space



Plot of System (Not to Scale)

Size of Tank 1000 Gals.

Nitrification Field:

No. of Lines _____

Sq. Ft. 625 Linear Ft. 250

Depth of Stone in Lines _____

Water Supply: Individual ☑ Public ☐

Installed by JR Bowles

I understand and agree to install a septic tank system as specified on this Improvement Permit.

Signed: _____

(IMPROVEMENT PERMIT IS VALID FOR 60 MONTHS FROM DATE OF ISSUE.)

IMPROVEMENT PERMIT BY _____

COMMENTS _____

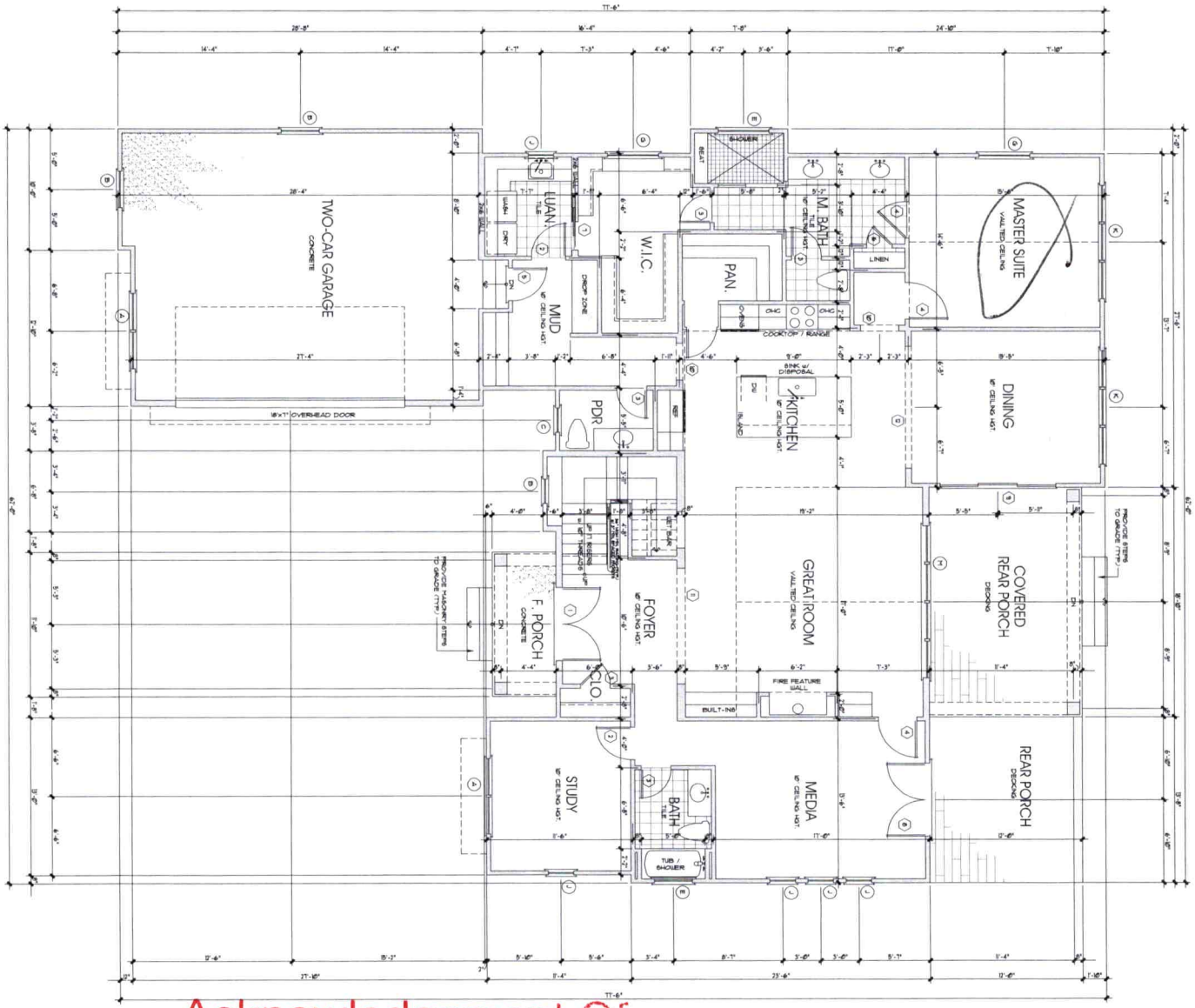
CERTIFICATE OF COMPLETION BY _____ DATE _____

EXISTING SYSTEM CHECKED BY Wesley Sparks R.S. DATE 4/22/93

CONSTRUCTION MUST COMPLY WITH ALL OTHER APPLICABLE STATE AND LOCAL REGULATIONS

Permit is VOID if any unauthorized changes are made in installation of system, and/or if any unapproved changes are made to the site, and/or if any false information is supplied toward securing Improvement Permit.

Health Dept. Copy: White Inspection Dept. Copy: Yellow Sanitarian's Copy: Pink Owner's Copy: Gold



Acknowledgement Of
Plans Submittal ONLY!

Matt Ratliff Date 10/11/23

_____ Date _____

NOTES:

1. WALL ANGLED WALLS ARE 45° UNO.
2. ● INDICATES BLOCKING ABOVE DOOR OR WINDOW OPENING UNO.
3. ▲ INDICATES JAMB BRACING POINT LOCATION UNO.
4. SEE FRAMING NOTE 16 FOR HEADER SIZES UNLESS NOTED ON PLAN.
5. ALL DOORS ARE 4" FROM WALL UNLESS DIMENSIONED OTHERWISE.

WALL TYPE	EXTERIOR WALLS	INTERIOR WALLS
2x4		2x4 @ 16" OC
2x6	2x6 @ 16" OC	2x6 @ 16" OC
2x8	2x8 @ 16" OC	
2x10	2x10 @ 16" OC	
2x12	2x12 @ 16" OC	
GARAGE WALL TO BE 2x4 @ 16" OC IF EXCEEDING 10'-0" HEIGHT		

FOUNDATION	BSD, INTER-LOCKING
EXTERIOR WALL FINISH	
1st FLOOR	2x4 @ 16" OC
2nd FLOOR	2x6 @ 16" OC
GARAGE	CORBEL'S PER

HANGER SCHEDULE

ITEM	HANGER (UNO)
2-2x6	
2-2x8	
2-2x10	
2-2x12	
2-1 3/4 x 9 1/4 LVL	HHUS2-2 (THAV)
2-1 3/4 x 11 7/8 LVL	HHUS2-2 (THAV)
2-1 3/4 x 14 LVL	HHUS2-2 (THAV)
ALL TRIPLE LVL	HHUS3-2 (THAV)

Simpson Strong-Tie Co., Inc.
(or approved equivalent)

NOTE TO BUILDER/CONTRACTOR/LUMBER SUPPLIER:
DO NOT ALTER THE FRAMING PLANS WITHOUT THE APPROVAL OF THE ENGINEER OF RECORD. ANY ALTERATIONS MADE TO THESE PLANS WITHOUT THE APPROVAL BY THE ENGINEER OF RECORD SHALL ABSOLVE HIM OF ALL RESPONSIBILITY FOR ALL ASPECTS OF THE ENGINEERED DESIGN.

DOOR SCHEDULE

NO.	SIZE	DESCRIPTION
1	2'-8" x 6'-8"	ENTRY
2	2'-8" x 6'-8"	SOLID PANEL
3	2'-6" x 6'-8"	SOLID PANEL
4	2'-6" x 6'-8"	SOLID PANEL
5	2'-6" x 6'-8"	FIRE RATED
6	2'-6" x 6'-8"	SOLID PANEL
7	2'-6" x 6'-8"	SOLID PANEL
8	2'-6" x 6'-8"	SOLID PANEL
9	3'-0" x 6'-8"	EXTERIOR SLIDER
10	3'-0" x 6'-8"	EXTERIOR
11	9'-0" x 8'-0"	CASED OPENING
12	2'-6" x 6'-8"	CASED OPENING
13	2'-6" x 6'-8"	SOLID PANEL
14	2'-6" x 6'-8"	SOLID PANEL
15	2'-6" x 6'-8"	SOLID PANEL
16	3'-0" x 6'-8"	EXTERIOR SLIDER
17	2'-6" x 6'-8"	SOLID PANEL
18	2'-6" x 6'-8"	SOLID PANEL

WINDOW SCHEDULE

NO.	SIZE	DESCRIPTION
A	2'-6" x 6'-0"	CASEMENT
B	3'-0" x 6'-0"	CASEMENT
C	3'-0" x 3'-0"	CASEMENT
D	3'-0" x 2'-0"	CASEMENT
E	4'-0" x 1'-0"	TEMPERED
F	4'-0" x 1'-0"	CASEMENT
G	2'-6" x 3'-0"	CASEMENT
H	2'-6" x 3'-0"	CASEMENT
J	2'-6" x 3'-0"	CASEMENT
K	3'-0" x 6'-0"	CASEMENT
L	3'-0" x 6'-0"	CASEMENT
M	4'-0" x 6'-0"	CASEMENT
N	3'-0" x 3'-0"	CASEMENT

SQUARE FOOTAGE

MAIN LEVEL	2336 SQFT.
UPPER LEVEL	518 SQFT.
TOTAL HEATED	3396 SQFT.
FRONT PORCH	85 SQFT.
REAR PORCH	356 SQFT.
SCREENED PORCH	196 SQFT.
COVERED BALCONY	236 SQFT.
COVD. REAR PORCH	648 SQFT.
TWO-CAR GARAGE	484 SQFT.
TOTAL UNDER ROOF	4939 SQFT.

SEAL

PLAN NO.

REVISIONS

PLAN INFO:

All plans by RATLIFF RESIDENTIAL DESIGNS are prepared to meet the professional standards and practices, however, local variations may require changes. Owner/builder is responsible for building code requirements which vary with location and change from time to time. Before starting construction, you/contractor should check and be responsible for all dimensions and other details, and should review the plans to ensure they meet current governmental requirements in your area.

A New Custom Residence
The Cantello Residence

LAKEMIST HOMES

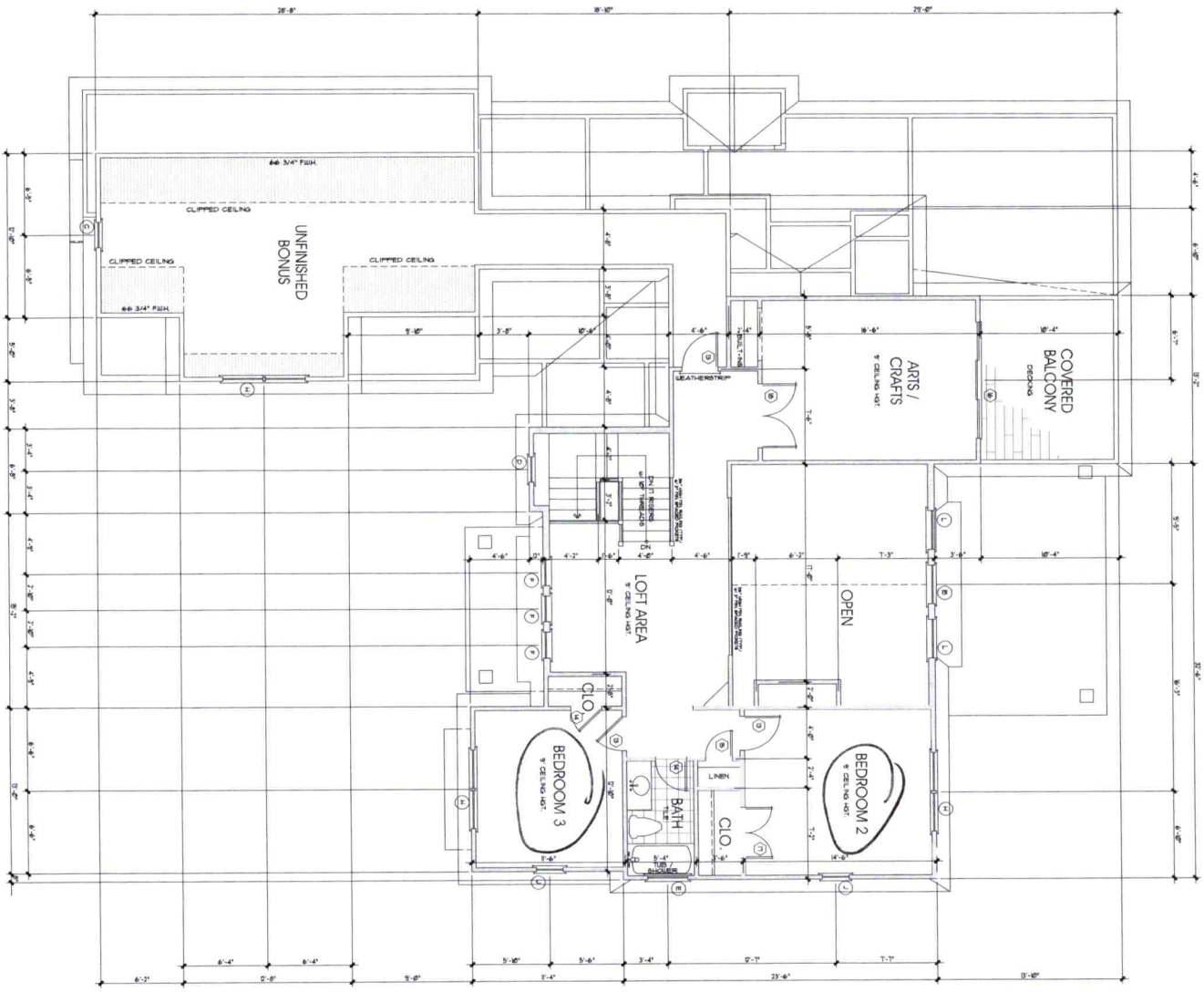
Ratliff residential DESIGNS
704.631.6031
www.ratliffresidentialdesigns.com

DRAWN BY: DR
CHECKED BY:
DATE:

DRAWING TITLE:
MAIN LEVEL PLAN

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

SHEET NO.
2
OF - SHEETS



NOTES:

- ALL ANGLED WALLS ARE 45° U.N.O.
- ● INDICATES BLOCKING FOR FUTURE GRAB BARS. SEE ROOF PLAN FOR BRACING POINT LOADS U.N.O.
- SEE FRAMING NOTE 16 FOR HEADER SIZES UNLESS NOTED ON PLAN
- ALL DOORS ARE 6" FROM WALL UNLESS DIMENSIONED OTHERWISE
- WEATHERSTRIP ALL DOORS INTO ATTIC SPACE

ELEVATION	STUD SIZE/ SPACING
UP TO 10'	2x4 @ 16" OC
10' - 11' 6"	2x4 @ 12" OC
11' 6" - 14'	2x4 @ 8" OC
14' - 16'	CONSULT ENG.
GARAGE WALL TO BE 2x4 @ 16" OC IF EXCEEDING 10' IN HEIGHT	

HANGER SCHEDULE

MEMBER	HANGER (UNO)
2-2x8	LUS28-2
2-2x10	HGUS28-2 (TMAX)
2-2x12	HGUS28-2 (TMAX)
2-1 3/4 x 9 1/4 LVL	HGUS28-2 (TMAX)
2-1 3/4 x 11 7/8 LVL	HU412 (TMAX)
2-1 3/4 x 14 LVL	HU412 (TMAX)
ALL TRIPLE LVL	HU412/10

Engineered framing: The GC, Inc. (or brand-name equivalent)

NOTE TO BUILDER/INSTALLER/FIRE SPRINKLER

DO NOT ALTER THE FRAMING PLANS WITHOUT THE APPROVAL OF THE ENGINEER OF RECORD. ANY CHANGES MADE WITHOUT SUCH APPROVAL SHALL BE THE RESPONSIBILITY OF THE PARTY MAKING THE CHANGE. ALL RESPONSIBILITY FOR ALL ASPECTS OF THE ENGINEERED DESIGN

DOOR SCHEDULE

NO.	SIZE	DESCRIPTION
1	3'-0" x 8'-0"	ENTRY
2	3'-0" x 8'-0"	SOLID PANEL
3	3'-0" x 8'-0"	SOLID PANEL
4	3'-0" x 8'-0"	SOLID PANEL
5	2'-6" x 8'-0"	PINE, ROUTED
6	2'-6" x 8'-0"	SOLID PANEL
7	2'-6" x 8'-0"	CLOSET
8	3'-0" x 8'-0"	EXTERIOR, SLIDER
9	3'-0" x 8'-0"	EXTERIOR, SLIDER
10	3'-0" x 8'-0"	EXTERIOR, SLIDER
11	3'-0" x 8'-0"	CASED OPENING
12	6'-0" x 8'-0"	CASED OPENING
13	2'-6" x 8'-0"	SOLID PANEL
14	2'-6" x 8'-0"	SOLID PANEL
15	3'-0" x 8'-0"	EXTERIOR, SLIDER
16	3'-0" x 8'-0"	SOLID PANEL
17	2'-6" x 6'-8"	SOLID PANEL
18	3'-0" x 6'-8"	SOLID PANEL

WINDOW SCHEDULE

NO.	SIZE	DESCRIPTION
A	2'-3" x 6'-0"	CASEMENT
B	3'-0" x 6'-0"	CASEMENT
C	3'-0" x 5'-0"	CASEMENT
D	3'-0" x 3'-0"	CASEMENT
E	4'-0" x 1'-0"	TEMPERED
F	2'-6" x 3'-0"	CASEMENT
G	2'-6" x 5'-0"	CASEMENT
H	2'-6" x 2'-0"	CASEMENT
J	3'-0" x 2'-0"	CASEMENT
K	3'-0" x 6'-0"	CASEMENT
L	3'-0" x 4'-0"	CASEMENT
M	4'-0" x 6'-0"	CASEMENT
N	3'-0" x 3'-0"	CASEMENT

SQUARE FOOTAGE

MAIN LEVEL	2238 SQFT.
UPPER LEVEL	978 SQFT.
TOTAL HEATED	3216 SQFT.
FRONT PORCH	59 SQFT.
REAR PORCH	86 SQFT.
COVERED BALCONY	134 SQFT.
COVD REAR PORCH	226 SQFT.
TWO-CAR GARAGE	648 SQFT.
TOTAL UNDER ROOF	4393 SQFT.

SEAL

DRAWN BY: DR
CHECKED BY:
DATE: -

DRAWING TITLE: UPPER LEVEL PLAN
SCALE: 1/4" = 1'-0"
SHEET NO. 4
OF - SHEETS

PLAN NO.

REVISIONS

PLAN INFO: All plans by RATLIFF RESIDENTIAL DESIGNS are prepared to meet top professional standards and practices. However, local variations may require changes. Unseen building code requirements vary with location and change from time to time. Before starting construction, your contractor should check and be responsible for all dimensions and should review the plans to ensure they meet current governmental requirements in your area.

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