ICHD - ENVIRONMENTAL HEALTH DIVISION

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

PERMIT # AP AP 303990

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

PIN # 4626 -- 35 -- 3474

APPLICANT/OWNER: Ryan Kearey

APPLICANT ADDRESS: 118 Larkhaven Ln Mooresville NC 28117

SITE ADDRESS: 289 Kemp Rd Mooresville NC 28117

PHONE: 704-880-0884 ALT. PHONE

SITE DIRECTIONS: Brawley School Rd to Ron McKendree Rd, L on Kemp Rd, Lot on L

SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: CL and T

SECTION: 8 LOT# 112 LOT AREA: 0.684 acres DESIGN FLOW: 360GPD L.T.A.R.: .3

Septic Tank	1000 (gal)	STB	760	Date	12-20	☒ New System ☐ Repair ☐ Expansion	System Type: I II III IV V VI
Pump Tank	1000 (gal)	PT	363	Date	10-24	System Description:	LPP685
Pump Make	Liberty	Model	290 3/4HE	Serial #		Repair System Description:	TS2 Pretreatment Drip
# Nitrification Fields	1	# Lines		Linear Ft	270	Maintenance Agreement Required:	☒ YES ☐ NO
Trench Width	24"	Trench Bottom Depth(Low side)	40"	Gravel Depth		☐ GRAVITY ☒ PRESSURE	

☒ Residence ☐ Business ☐ Other ☐ Slab ☐ Basement w/plumbing

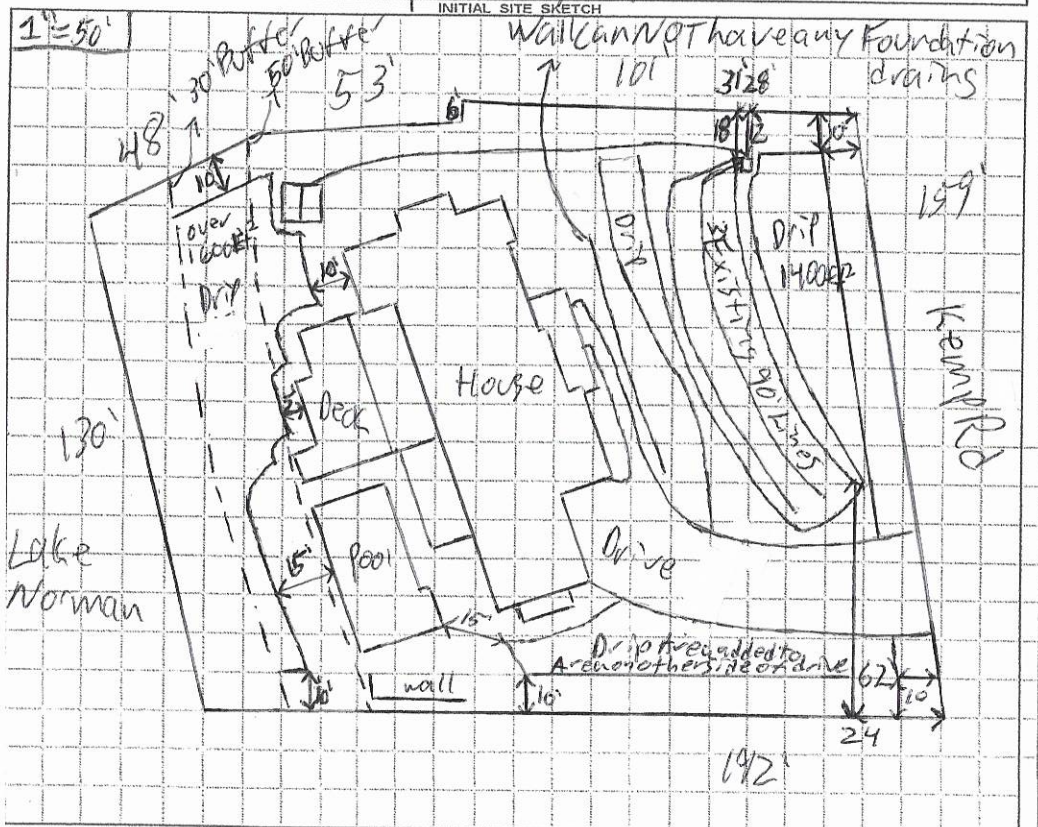
No. Bedrooms 3 No. Persons 6 No. Employees

☒ Crawl Space ☐ Basement w/o plumbing

Water Supply: ☐ Private ☐ Public ☒ Community

Comments / Conditions: Initial system already installed but only has footings, drainlines and CVB inspected. Waterline must be 10' off of septic. Any Fill must be removed from septic area in back yard.

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: Ryan Kearey Date: 5/18/2021

IMPROVEMENT PERMIT by: Patrick J Bagley II Date: 5/17/2021

AUTHORIZATION TO CONSTRUCT by: Patrick J Bagley II Date: 5/19/2021

Installed by: Richard Abernathy Company

OPERATION PERMIT by: Danielle Fiebers Date: 7-22-21

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	3/8/21	BB
Tanks Checked	3/8/21	BB
Pressure Manifold or Valve Box Checked	3/8/21	BB
Pressure Head Set	7-20-2021	BCW
Electrical Checked	7-20-2021	BCW
Floats Set	7-20-2021	BCW
Alarm Checked	7-20-2021	BCW
Maintenance Contract Needed? (Y) N	7/21/21	DW
Comments: IRRIGATION TO BE MOVED >10FT		
Irrigation Pressure manifold sawed through, removed 7/22/21 DW		

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? _____	

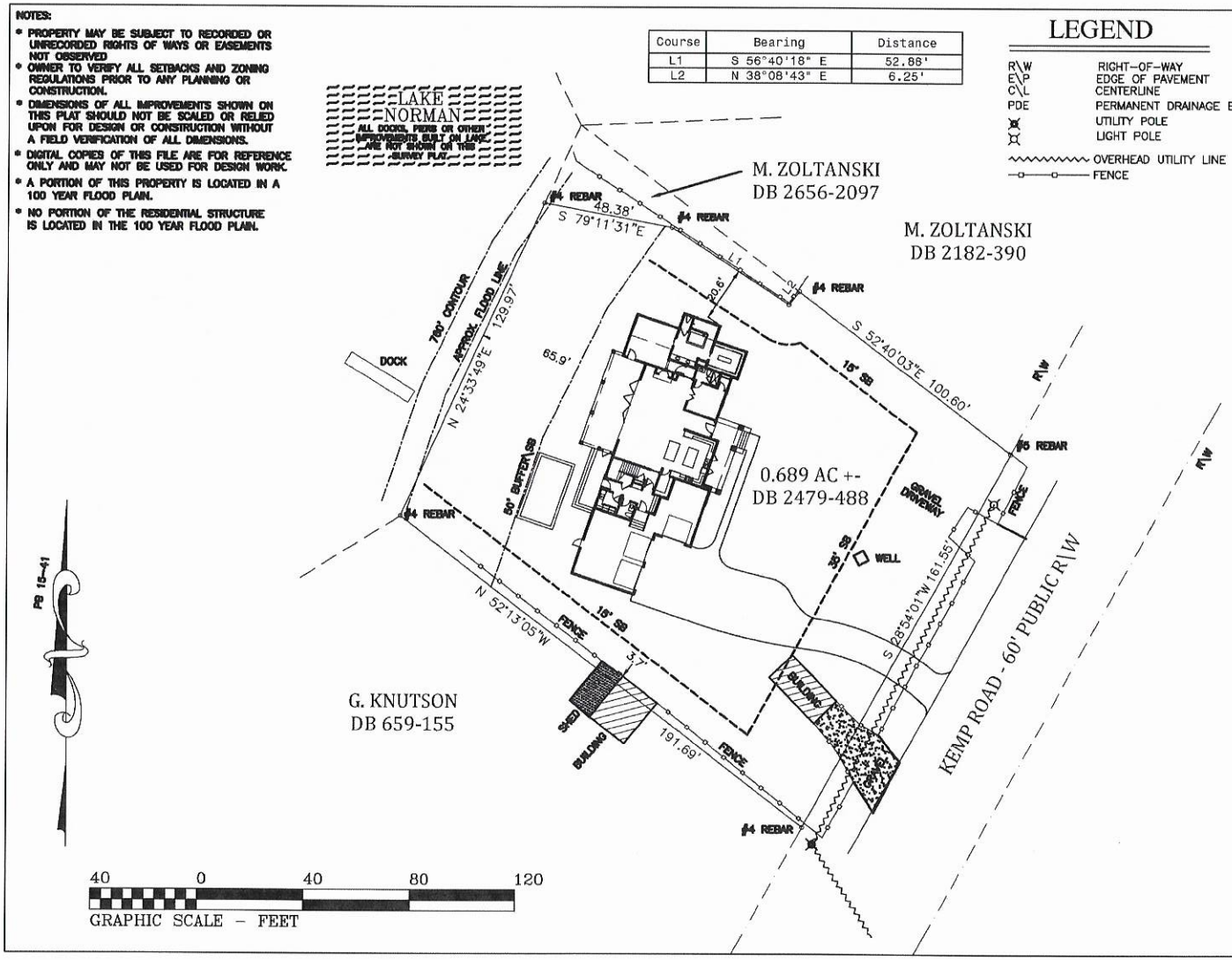
NOTES:

- PROPERTY MAY BE SUBJECT TO RECORDED OR UNRECORDED RIGHTS OF WAYS OR EASEMENTS NOT OBSERVED
- OWNER TO VERIFY ALL SETBACKS AND ZONING REGULATIONS PRIOR TO ANY PLANNING OR CONSTRUCTION.
- DIMENSIONS OF ALL IMPROVEMENTS SHOWN ON THIS PLAT SHOULD NOT BE SCALED OR RELIED UPON FOR DESIGN OR CONSTRUCTION WITHOUT A FIELD VERIFICATION OF ALL DIMENSIONS.
- DIGITAL COPIES OF THIS FILE ARE FOR REFERENCE ONLY AND MAY NOT BE USED FOR DESIGN WORK.
- A PORTION OF THIS PROPERTY IS LOCATED IN A 100 YEAR FLOOD PLAIN.
- NO PORTION OF THE RESIDENTIAL STRUCTURE IS LOCATED IN THE 100 YEAR FLOOD PLAIN.

Course	Bearing	Distance
L1	S 56°40'18" E	52.88'
L2	N 38°08'43" E	6.25'

LEGEND

- R\W — RIGHT-OF-WAY
- E\P — EDGE OF PAVEMENT
- C\L — CENTERLINE
- PDE — PERMANENT DRAINAGE EASEMENT
- UTILITY POLE
- LIGHT POLE
- OVERHEAD UTILITY LINE
- FENCE



PHYSICAL SURVEY
FOR

RYAN KEAREY

289 KEMP RD, MOORESVILLE, NC
BEING A PORITON OF LOT #112
CRESCENT LAND & TIMBER, SECTION 8

DAVIDSON TOWNSHIP, IREDELL COUNTY, NC
SCALE: 1" = 40'

DEDMON SURVEYS

CHUCK POOVEY, PLS #3762
ROBERT DEDMON, PLS #3899
3704 NC HIGHWAY #16 NORTH
P.O. BOX 494 - DENVER, NC 28037
PHONE: 704/483/4908
FAX: 704/483/2170
WWW.DEDMONSURVEYS.COM

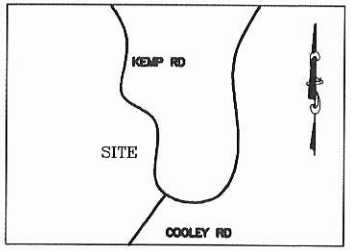
NORTH CAROLINA PROFESSIONAL SEAL L-3899 LAND SURVEYOR ROBERT J. DEDMON

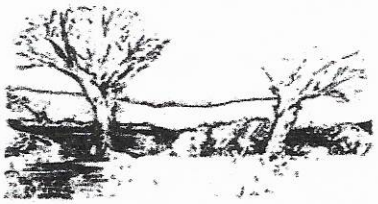
I, ROBERT J. DEDMON, CERTIFY THAT THIS PLAT WAS DRAWN FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DB 2479, PG 488)(PB 15, PG 41); THAT THE RATIO OF PRECISION AS CALCULATED EXCEEDS 1:10,000'; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH GS 47-30 AS AMENDED. WITNESS MY ORIGINAL SIGNATURE, JANUARY 2, 2019.

Robert J. Dedmon — 3899
PROFESSIONAL LAND SURVEYOR — LICENSE NO.

SURV. BY: MK	DRAWN: RD	JOB# SWCLT112

VICINITY MAP





MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
561 Ennis Rd.
Weddington, NC 28173
(704) 576-3887
00/00/00
11/9/2020

Reference: Data Sheet for 289 Kemp Rd, CL&T Sec 8 Lot 112
House Footprint: See attached plan
Building Setbacks: 35' front/rear, 15' side, 50' lake
Water Source: Community water
Number of Bedrooms/Daily Flow: 4/480 GPD
Proposed LTAR: 0.3 GPD/FT^2 (initial), 0.15 GPD/FT^2 (repair)
Proposed System Type: PPBPS
Proposed Repair System Type: TSII Drip Irrigation
Distribution: Low pressure-CVB
Flow per Orifice: 0.59 GPM
Orifice Size: 3/16"
System Flow: 37.2 GPM
Dosing Volume: 226.8 gallons
Pump Run Time: 6.1 minutes
Elevation Head: 17.8'
Friction Head: 4'
Pressure Head: 2'
Total Dynamic Head: 23.8'
Supply Line Length: 125' of 2" PVC
Septic/Pump Tank Size: 1000/1000 gallons
Proposed Trench Bottom: 40" (initial), 6" (repair)



Line	Design Length	# of Panels	Actual Length	Elevation
Yellow 1	90'	21	108'	3.3'
Orange 2	90'	21	112'	4.0'
White 3	90'	21	120'	4.8'

Initial System: 270'
Repair System: 3400 FT^2
Pump Tank: 16.1'
House Corner: 7.1'
Benchmark: 10.6'

Comments:
Two wells must be abandoned. The community water system from The Farms subdivision is available.

PROPERTY ID #: 4626353474
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Carol McIntyre
ADDRESS:
APPLICATION DATE
DATE EVALUATED: 1/2020
PROPOSED FACILITY: 4 BDRM PROPOSED DESIGN FLOW (.1949): 480 GPD PROPERTY SIZE: 0.689 AC
LOCATION OF SITE: 289 Kemp Rd, CL&T Sec 8 Lot 112
PROPERTY RECORDED:
WATER SUPPLY: ☐ Private X Public X Well ☐ Spring ☐ Other
EVALUATION METHOD: X Auger Boring X Pit ☐ Cut TYPE OF WASTEWATER: X 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	
PIT 1	LS 5%	0-3	Br CL WSBK	FR SS SP SXP	Few Mn @ 45"	58"	N/A	N/A	PS 0.3
		3-58	R C SBK	FR SS SP SXP					
PIT 2	LS 5%	0-5	Br CL WSBK	FR SS SP SXP	N/A	58"	N/A	N/A	PS 0.3
		5-24	R C SBK	FR SS SP SXP					
		24-58	R CL WSBK	FR SS SP SXP					
PIT 3	LS 5%	0-10	FILL		N/A	60"	N/A	N/A	PS 0.3
		10-16	Compacted						
		16-40	R C SBK	FR SS SP SXP					
		40-60	R CL WSBK	FR SS SP SXP					
PIT 4	LS 3%	0-4	Br CL WSBK	FR SS SP SXP	N/A	53"	N/A	N/A	PS 0.3
		4-22	R C SBK	FR SS SP SXP					
		22-53	R CL WSBK	FR SS SP SXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	810 FT^2	3400 FT^2
System Type(s)	PPBPS	DRIP
Site LTAR	0.3	0.15

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: MA&A
OTHER(S) PRESENT:

COMMENTS:

SOIL/SITE EVALUATION

(Continuation Sheet)

PROPERTY ID #: 4626353474
DATE OF EVALUATION:
COUNTY: Iredell

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	
AB 1	LS 6%	0-3	Br SCL WSBK	FR SS SP SXP	N/A	48"	N/A	N/A	PS 0.3
		3-24	R C SBK	FR SS SP SXP					
		24-48	R CL WSBK	FR SS SP SXP					
AB 2	LS 6%	0-5	Br SCL WSBK	FR SS SP SXP	N/A	48"	N/A	N/A	PS 0.3
		5-30	R C SBK	FR SS SP SXP					
		30-48	R CL WSBK	FR SS SP SXP					
AB 3	LS 6%	0-19	RBr CL WSBK	FR SS SP SXP	N/A	48"	N/A	N/A	PS 0.3
		19-35	R C SBK	FR SS SP SXP					
		35-48	R CL WSBK	FR SS SP SXP					
AB 4	LS 6%	0-3	Br SCL WSBK	FR SS SP SXP	N/A	48"	N/A	N/A	PS 0.3
		3-28	R C SBK	FR SS SP SXP					
		28-48	R CL WSBK	FR SS SP SXP					

COMMENTS:

RECEIVED MAR 2 6 2021

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

10370 intermediate

Iredell County Health Department – Environmental Health Division

PAGE 1: *APPLICATION FORM* AP-303990 $320.00

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment

(X) Septic Improvement Permit ( ) Authorization to Construct ( ) Existing System Inspection ( ) Septic System Repair
Intermediate relayout

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 ( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: Ryan J. Kearey **Address:** 118 Larkhaven Lane Mooresville, NC **Zip:** 28117

Applicant Email: ryan@keareyconstruction.com **Phone:** 704-880-0884 **Alt. Phone:**

Owner Name: Ryan J. Kearey **Address:** 118 Larkhaven Lane Mooresville, NC **Zip:** 28117

Owner Email: ryan@keareyconstruction.com **Phone:** 704-880-0884 **Alt. Phone:**

Property Information:

Street Address: 289 Kemp Road Mooresville, NC 28117

Subdivision Name: Crescent Land and Timber Corp. **Section/Phase:** S8 **Lot Number:** PT112

Driving Directions: I-77 S to exit 35, take right onto Brawley School Rd, turn right onto McKendree Rd, turn left onto Kemp, 289 Kemp on the left

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

CHECK FOUNDATION TYPE

(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: _____
Maximum Number of Occupants: _____
(X) Swimming Pool
( ) Other Addition/Structure: _____

(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: _____

( ) New Well ( ) Existing Well (X) 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 ( ) 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: Ryan J. Kearey 3/18/2021

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

IREDELL COUNTY DEPARTMENT OF ENVIRONMENTAL HEALTH

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*) Ryan J. Kearey

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, _____, am the legal owner(s) of the property located at _____, identified as PIN (Parcel Identification Number)_____, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) _____, _____, 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.

Ryan J. Kearey
Signature of Owner(s)

3/18/2021
Date

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

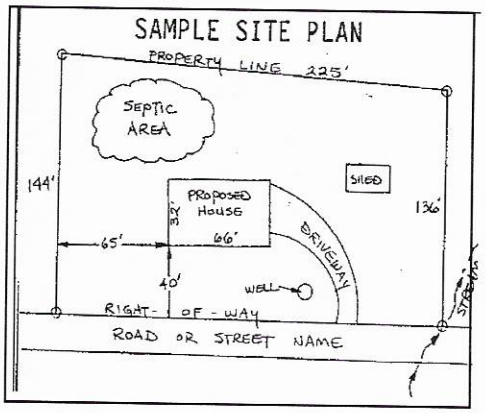
Statesville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-871-3483
349 N. Center Street, Statesville, NC 28677

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

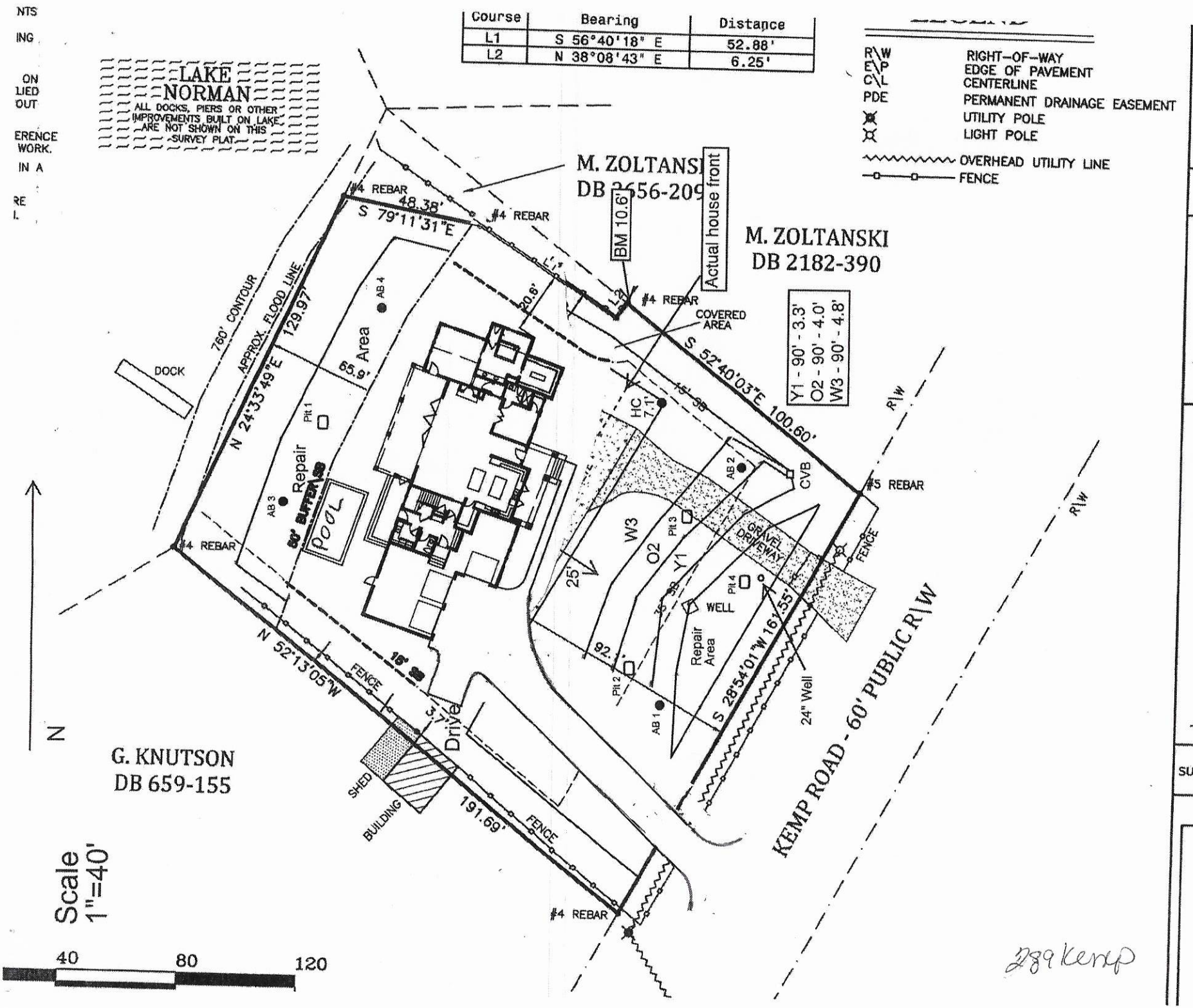
See Attached

Signature: Ryan J. Kearey

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

3/18/2021

DATE



I, ROBERT J. ... DRAWN FROM ... SUPERVISION ... THAT THE ... EXCEEDS 1:1... IN ACCORDA... WITNESS MY ...

Robert ...
PROFESSIONA...

SURV. BY: MK

VICINITY

NOTES:

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Course	Bearing	Distance
L1	S 56°40'18" E	52.88'
L2	N 38°08'43" E	6.25'

LAKE NORMAN
ALL DOCKS, PIERS OR OTHER IMPROVEMENTS BUILT ON LAKE ARE NOT SHOWN ON THIS SURVEY PLAT.

M. ZOLTANSKI
DB 2656-2097

M. ZOLTANSKI
DB 2182-390

G. KNUTSON
DB 659-155

#4 REBAR
#5 REBAR
48.38'
S 79°11'31"E
L1
52.88'
S 52°40'03"E 100.60'
N 24°33'49"E 129.97'
750' CONTOUR
APPROX. FLOOD LINE
71.1'
DECK
DOCK
POOL
COVERED AREA
18.0'
15' SB
HOME UNDER CONSTRUCTION
50' BUFFER
SB
WELL
35' SB
WALL
26.0'
15' SB
N 52°13'05"W
3.7'
SHED
BUILDING
191.69'
FENCE
0.689 AC±
DB 2479-488
S 28°54'01"W 159.13'
R\W
KEMP ROAD - 60' PUBLIC R\W
BUILDING
GRAVEL
PB 15-41

40 0 40 80 120
GRAPHIC SCALE – FEET

LEGEND

R\W	RIGHT-OF-WAY
E\P	EDGE OF PAVEMENT
C\L	CENTERLINE
PDE	PERMANENT DRAINAGE EASEMENT
	UTILITY POLE
	LIGHT POLE
	OVERHEAD UTILITY LINE
	FENCE

PHYSICAL SURVEY
FOR
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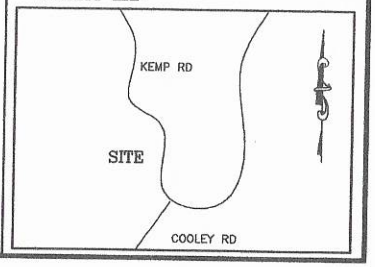
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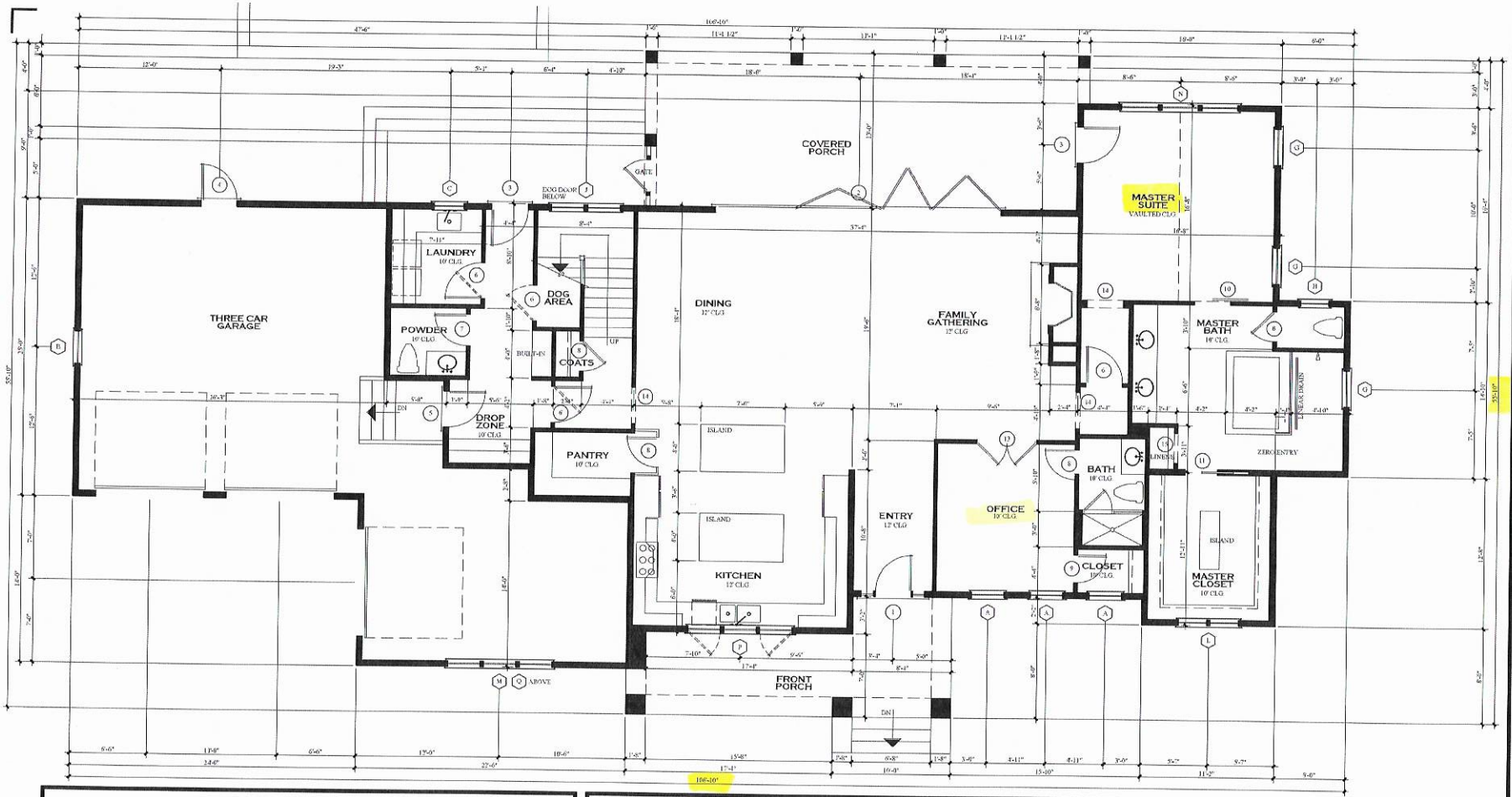
Robert J. Dedmon — PROFESSIONAL LAND SURVEYOR
3899 — LICENSE NO.

SURV. BY: MK	DRAWN: RD	JOB# SWCLT112

VICINITY MAP



289
Kemp



WINDOW SCHEDULE

MK	WINDOW SIZE (NOMINAL W x H)	WINDOW TYPE	QUANTITY	MK	WINDOW SIZE (NOMINAL W x H)	WINDOW TYPE	QUANTITY
A	2'-8" x 5'-6"	SINGLE HUNG	3	K	2 - 2'-8" x 4'-0"	FIXED	1
B	2'-8" x 4'-6"	SINGLE HUNG	1	L	2 - 2'-4" x 2'-6"	FIXED	1
C	2'-6" x 4'-6"	FIXED	2	M	3 - 2'-8" x 4'-6"	SINGLE HUNG	1
D	3'-6" x 5'-6"	FIXED	2	N	3 - 3'-0" x 5'-6"	SINGLE HUNG	1
E	2'-6" x 5'-6"	CASEMENT	4	O	3 - 2'-8" x 6'-0"	CASE / FIX / CASE	1
F	2'-6" x 3'-6"	FIXED	1	P	3 - 2'-8" x 6'-6"	CASE / FIX / CASE	1
G	3'-0" x 3'-6"	FIXED	4	Q	3 - 2'-8" x 1'-8"	FIXED	1
H	2'-8" x 2'-6"	FIXED	1	R	NOT USED		
I	2'-8" x 5'-6"	SINGLE HUNG	1	S	NOT USED		
J	2 - 2'-8" x 6'-0"	FIXED	1	T	NOT USED		

GENERAL NOTES:

DOOR SCHEDULE

MK	DOOR SIZE (NOMINAL W x H)	DOOR TYPE	QUANTITY	MK	DOOR SIZE (NOMINAL W x H)	DOOR TYPE	QUANTITY
1	3'-0" x 10'-0"	3/4 GLASS ENTRY HINGE	1	11	2'-8" x 8'-0"	SOLID CORE POCKET	2
2	24'-0" x 10'-0"	EX. FRENCH BI-FOLDING	1	12	2'-4" x 8'-0"	SOLID CORE POCKET	1
3	3'-0" x 8'-0"	FRENCH GLASS ENTRY	2	13	3'-0" x 8'-0"	SOLID CORE BI-HINGE	1
4	3'-0" x 8'-0"	EX. SOLID CORE HINGE	1	14	3'-0" x 8'-0"	CASED OPENING	3
5	3'-0" x 8'-0"	SOLID CORE FIRE RATE	1	15	2'-6" x 8'-0"	CASED OPENING	1
6	3'-0" x 8'-0"	SOLID CORE HINGE	7	16	NOT USED		
7	2'-8" x 8'-0"	SOLID CORE HINGE	10	17	NOT USED		
8	2'-6" x 8'-0"	SOLID CORE HINGE	7	18	NOT USED		
9	2'-4" x 8'-0"	SOLID CORE HINGE	1	19	NOT USED		
10	3'-0" x 8'-0"	SOLID CORE BARN	1	20	NOT USED		

GENERAL NOTES:

FIRST FLOOR CONDITIONED	2,545 S.F.
SECOND FLOOR CONDITIONED	2,131 S.F.
TOTAL CONDITIONED	4,676 S.F.
FRONT PORCH	212 S.F.
COVERED PORCH	476 S.F.
THREE CAR GARAGE	1,041 S.F.
TOTAL UNDER ROOF	6,405 S.F.

FIRST FLOOR PLAN

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

GENERAL NOTES

1. REFER TO NORTH CAROLINA STATE BUILDING CODE FOR FRAMING DESIGN CRITERIA
2. TEMPERED GLASS TO BE USED AT ALL SAFETY REQUIRED LOCATIONS ACCORDING TO STATE REQUIREMENTS
3. GARAGE WALLS ADJACENT TO HEATED SPACE ARE TO BE 5/8" GYPSUM WALL BOARD
4. ALL HABITABLE ROOMS SHALL MEET LIGHT/VENTILATION AND EGRESS STATE REQUIREMENTS
5. DIMENSIONS ARE FROM FACE OF EXTERIOR FRAMING TO CENTERLINE OF INTERIOR FRAMING

Acknowledgement Of Plans Submittal ONLY!

Ryan Kearney Date 5/18/2021

Patrick J Bryant III Date 6/24/2020

Patrick J Bryant III 5/19/2021

OCEAN 3 DESIGN inc.

NORTH CAROLINA
P.O. BOX 18441
WILMINGTON, NC 28404
910.409.3011 VOICE
910.755.6765 FAX

WWW.OCEAN3DESIGN.COM

ENGINEER SEAL

A New Home For:
289 KEMP ROAD
BY KEAREY BUILDERS
NORTH CAROLINA

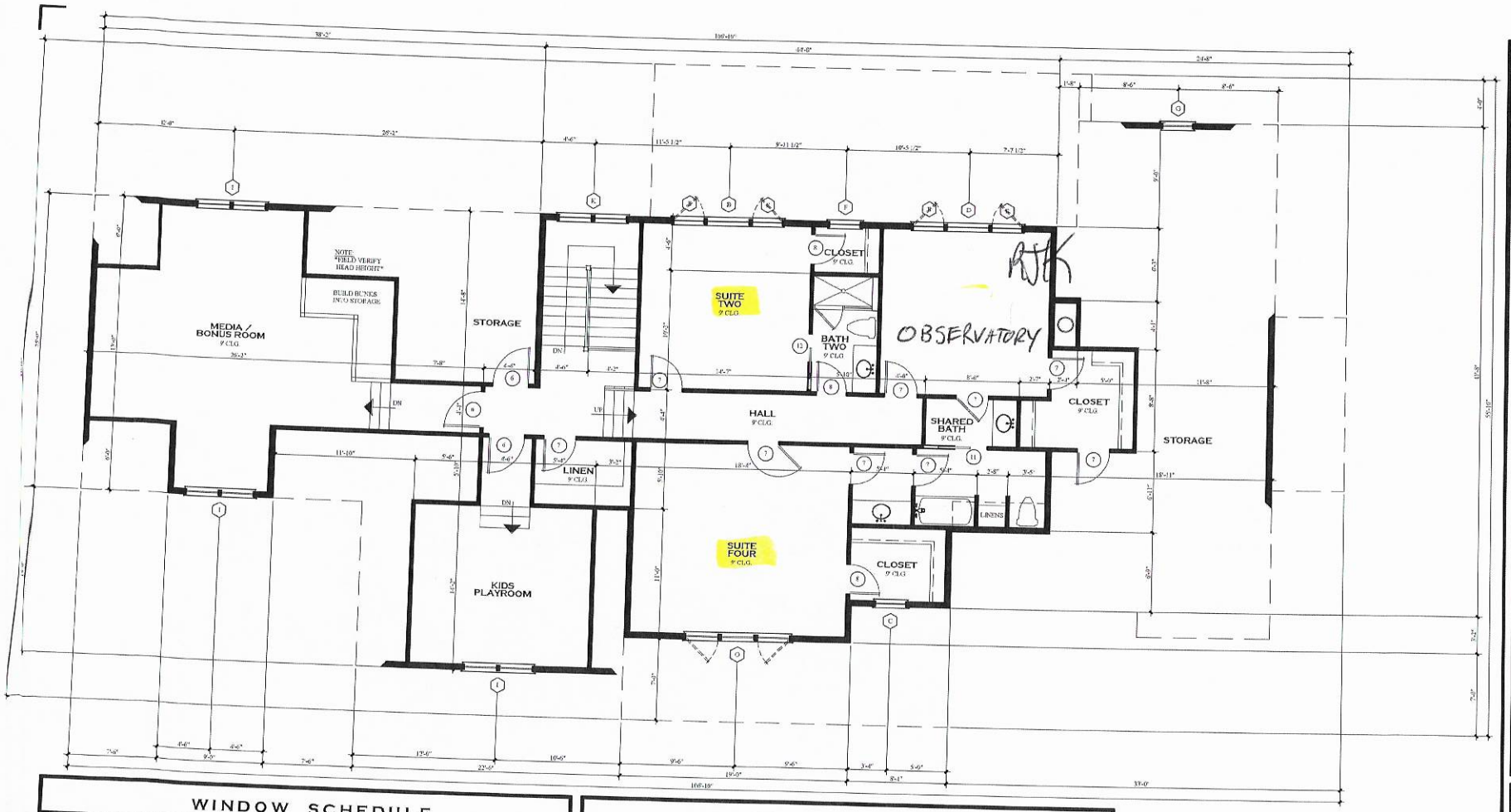
PHASE	DATE ISSUED
CONCEPTUAL	02-04-20
PRELIMINARY	04-16-20
FINAL	05-15-20
CONSTRUCTION	06-17-20
REVISION	
REVISION	

SHEET TITLE
FIRST FLOOR PLANS

PROJECT NUMBER 2020-713

SHEET NUMBER 2 OF 7

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WINDOW SCHEDULE

MK.	WINDOW SIZE (NOMINAL W x H)	WINDOW TYPE	QUANTITY	MK.	WINDOW SIZE (NOMINAL W x H)	WINDOW TYPE	QUANTITY
A	2'-8" x 5'-0"	SINGLE HUNG	3	K	2 - 2'-8" x 4'-0"	FIXED	1
B	2'-8" x 4'-6"	SINGLE HUNG	1	L	2 - 2'-4" x 2'-6"	FIXED	1
C	2'-6" x 4'-6"	FIXED	2	M	3 - 2'-8" x 4'-6"	SINGLE HUNG	1
D	3'-6" x 5'-6"	FIXED	2	N	3 - 3'-0" x 5'-6"	SINGLE HUNG	1
E	2'-6" x 5'-6"	CASEMENT	4	O	3 - 2'-8" x 6'-0"	CASE / FIX / CASE	1
F	2'-6" x 3'-6"	FIXED	1	P	3 - 2'-8" x 6'-6"	CASE / FIX / CASE	1
G	3'-0" x 3'-6"	FIXED	4	Q	3 - 2'-8" x 1'-8"	FIXED	1
H	2'-4" x 2'-6"	FIXED	1	R	NOT USED		
I	2 - 2'-8" x 5'-0"	SINGLE HUNG	3	S	NOT USED		
J	2 - 2'-8" x 6'-0"	FIXED	1	T	NOT USED		

GENERAL NOTES

DOOR SCHEDULE

MK.	DOOR SIZE (NOMINAL W x H)	DOOR TYPE	QUANTITY	MK.	DOOR SIZE (NOMINAL W x H)	DOOR TYPE	QUANTITY
1	3'-0" x 10'-0"	3/4 GLASS ENTRY HINGE	1	11	2'-8" x 8'-0"	SOLID CORE POCKET	2
2	24'-0" x 10'-0"	EX. FRENCH BI-FOLDING	1	12	2'-4" x 8'-0"	SOLID CORE POCKET	1
3	3'-0" x 8'-0"	FRENCH GLASS ENTRY	2	13	5'-0" x 8'-0"	SOLID CORE BI-HINGE	1
4	3'-0" x 8'-0"	EX. SOLID CORE HINGE	1	14	3'-0" x 8'-0"	CASED OPENING	3
5	3'-0" x 8'-0"	SOLID CORE FIRE RATE	1	15	2'-6" x 8'-0"	CASED OPENING	1
6	3'-0" x 8'-0"	SOLID CORE HINGE	7	16	NOT USED		
7	2'-8" x 8'-0"	SOLID CORE HINGE	10	17	NOT USED		
8	2'-6" x 8'-0"	SOLID CORE HINGE	7	18	NOT USED		
9	2'-4" x 8'-0"	SOLID CORE HINGE	1	19	NOT USED		
10	3'-0" x 8'-0"	SOLID CORE BARN	1	20	NOT USED		

GENERAL NOTES

SECOND FLOOR PLAN

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

GENERAL NOTES

1. REFER TO NORTH CAROLINA STATE BUILDING CODE FOR FRAMING DESIGN CRITERIA
2. TEMPERED GLASS TO BE USED AT ALL SAFETY REQUIRED LOCATIONS ACCORDING TO STATE REQUIREMENTS
3. GARAGE WALLS ADJACENT TO HEATED SPACE ARE TO BE 5/8" GYPSUM WALL BOARD
4. ALL HABITABLE ROOMS SHALL MEET LIGHT/VENTILATION AND EGRESS STATE REQUIREMENTS
5. DIMENSIONS ARE FROM FACE OF EXTERIOR FRAMING TO CENTERLINE OF INTERIOR FRAMING

Acknowledgement Of Plans Submittal ONLY!

Date 5/14/2021

Date 6/24/2020

5/19/2021

3
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ENGINEER SEAL

A New Home For:
289 KEMP ROAD
BY KEAREY BUILDERS
NORTH CAROLINA

PHASE	DATE ISSUED
CONCEPTUAL	02-05-20
PRELIMINARY	04-16-20
FINAL	05-15-20
CONSTRUCTION	06-17-20
REVISION	
REVISION	

SHEET TITLE: SECOND FLOOR PLANS

PROJECT NUMBER: 2020-713

SHEET NUMBER 3 OF 7

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WELL ABANDONMENT RECORD

For Internal Use ONLY:

1. Well Contractor Information:

jason wood

Well Contractor Name (or well owner if personally abandoning well on his/her property)

3987-c

NC Well Contractor Certification Number

carolina pump and well

Company Name

2. Well Construction Permit #: ap-303990

List all applicable well construction permits (i.e. UIC, County, State, Variance, etc.) if known

3. Well use (check well use):

Water Supply Well:

- ☐ Agricultural
- ☐ Geothermal (Heating/Cooling Supply)
- ☐ Industrial/Commercial
- ☐ Irrigation
- ☐ Municipal/Public
- ☒ Residential Water Supply (single)
- ☐ Residential Water Supply (shared)

Non-Water Supply Well:

- ☐ Monitoring
- ☐ Recovery

Injection Well:

- ☐ Aquifer Recharge
- ☐ Aquifer Storage and Recovery
- ☐ Aquifer Test
- ☐ Experimental Technology
- ☐ Geothermal (Closed Loop)
- ☐ Geothermal (Heating/Cooling Return)
- ☐ Groundwater Remediation
- ☐ Salinity Barrier
- ☐ Stormwater Drainage
- ☐ Subsidence Control
- ☐ Tracer
- ☐ Other (explain under 7g)

4. Date well(s) abandoned: 6-18-2020

5a. Well location:

ryan kearey

Facility/Owner Name

Facility ID# (if applicable)

289 Kemp Rd Mooresville, NC

Physical Address, City, and Zip

iredell

County

4626-35-3474

Parcel Identification No. (PIN)

5b. Latitude and longitude in degrees/minutes/seconds or decimal degrees:
(if well field, one lacking is sufficient)

80.56'20"W E 35.33'46"N N

CONSTRUCTION DETAILS OF WELL(S) BEING ABANDONED

Attach well construction record(s) if available. For multiple injection or non-water supply wells ONLY with the same construction/abandonment, you can submit one form.

6a. Well ID#:

6b. Total well depth: 225' (ft.)

6c. Borehole diameter: 6" (in.)

6d. Water level below ground surface: 50 (ft.)

6e. Outer casing length (if known): 50 (ft.)

6f. Inner casing/tubing length (if known): n/a (ft.)

6g. Screen length (if known): n/a (ft.)

WELL ABANDONMENT DETAILS

7a. For Geoprobe/DPT or Closed-Loop Geothermal Wells having the same well construction/depth, only 1 GW-30 is needed. Indicate TOTAL NUMBER of wells abandoned:

7b. Approximate volume of water remaining in well(s): 262.5 (gal.)

FOR WATER SUPPLY WELLS ONLY:

7c. Type of disinfectant used: granular chlorine

7d. Amount of disinfectant used: 24oz

7e. Sealing material(s) used (check all that apply):

- ☐ Neat Cement Grout
- ☐ Sand Cement Grout
- ☒ Concrete Grout
- ☐ Specialty Grout
- ☐ Bentonite Slurry
- ☐ Bentonite Chips or Pellets
- ☐ Dry Clay
- ☐ Drill Cuttings
- ☐ Gravel
- ☐ Other (explain under 7g)

7f. For each material selected above, provide amount of materials used:

2 yards

7g. Provide a brief description of the abandonment procedure:

well around well and removed apron, 3 ft of casing, poured concrete from

truck into well, capped outer well apron, 2' diameter per code

8. Certification:

Jason Wood

Signature of Certified Well Contractor or Well Owner

6-18-2020

Date

By signing this form, I hereby certify that the well(s) was (were) abandoned in accordance with 15A NCAC 02C .0100 or 2C .0200 Well Construction Standards and that a copy of this record has been provided to the well owner.

9. Site diagram or additional well details:

You may use the back of this page to provide additional well site details or well abandonment details. You may also attach additional pages if necessary.

SUBMITTAL INSTRUCTIONS

10a. For All Wells: Submit this form within 30 days of completion of well abandonment to the following:

Division of Water Resources, Information Processing Unit,
1617 Mail Service Center, Raleigh, NC 27699-1617

10b. For Injection Wells: In addition to sending the form to the address in 10a above, also submit one copy of this form within 30 days of completion of well abandonment to the following:

Division of Water Resources, Underground Injection Control Program,
1636 Mail Service Center, Raleigh, NC 27699-1636

10c. For Water Supply & Injection Wells: In addition to sending the form to the address(es) above, also submit one copy of this form within 30 days of completion of well abandonment to the county health department of the county where abandoned.

IREDELL COUNTY · NC

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

APPLICATION NUMBER
303990 Issue Date:

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4626353484.000	289 KEMP RD	Iredell County

Owner Information	Applicant Information
Name: MCGUIRT RUTH H -LE Address: , Phone:	Name: MICHAEL ATHANAS & ASSOCIATES Address: 561 ENNIS RD WEDDINGTON, NC 28173 Phone: (704)576-3887

Use Requested	Zone Code
Single Family Dwelling	RR

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
0.689	35	50	15	15	WSIV-CA Catawba/Lake Norman	YES

Remarks
SFD

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.

_____
Signature of Owner/Contractor

Date: 01/09/2020

Permit Number	303990

TOTAL FEES:	$77.25