JAKE 3PM

ICHD–ENVIRONMENTAL HEALTH DIVISION

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

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

PERMIT # 242755

PIN # 4639-30-8618 ✓

APPLICANT/OWNER: Chris Strom / George Psaros

APPLICANT ADDRESS: PO Box 31666 Mooresville, NC 28117

SITE ADDRESS: 313 Kenway Loop, Mooresville NC 28117 ✓

PHONE: 704-506-4000

ALT. PHONE 704-965-8102

SITE DIRECTIONS: (N) Perth Rd → (L) Fern Hill → (L) Kenway Loop → lot on (L)

SUBDIVISION: C & T ✓

SECTION: 15 ✓ LOT # 16 ✓ LOT AREA: 0.91 ac

SAP CONTROLLED: [X] YES [ ] NO

DESIGN FLOW: 480 gpd L.T.A.R.: 0.275 (I) (K) 0.1

Septic Tank	1000 (gal)	STB	6-20-2021	Date	760	[ ] New System [ ] Repair [X] Expansion	System Type: I II (III) IV V VI
Pump Tank	(gal)	PT		Date		System Description:	25% Red + Ex. Bed
Pump Make		Model		Serial #		Repair System Description:	Partial - Drip TSII (~3300 ft)
# Nitrification Fields	1	# Lines	3'	Linear Ft	218'	Maintenance Agreement Required:	[ ] YES [X] NO
Trench Width	36"	Trench Bottom Depth(Low side)	18"	Gravel Depth	N/A	[X] GRAVITY	[ ] PRESSURE

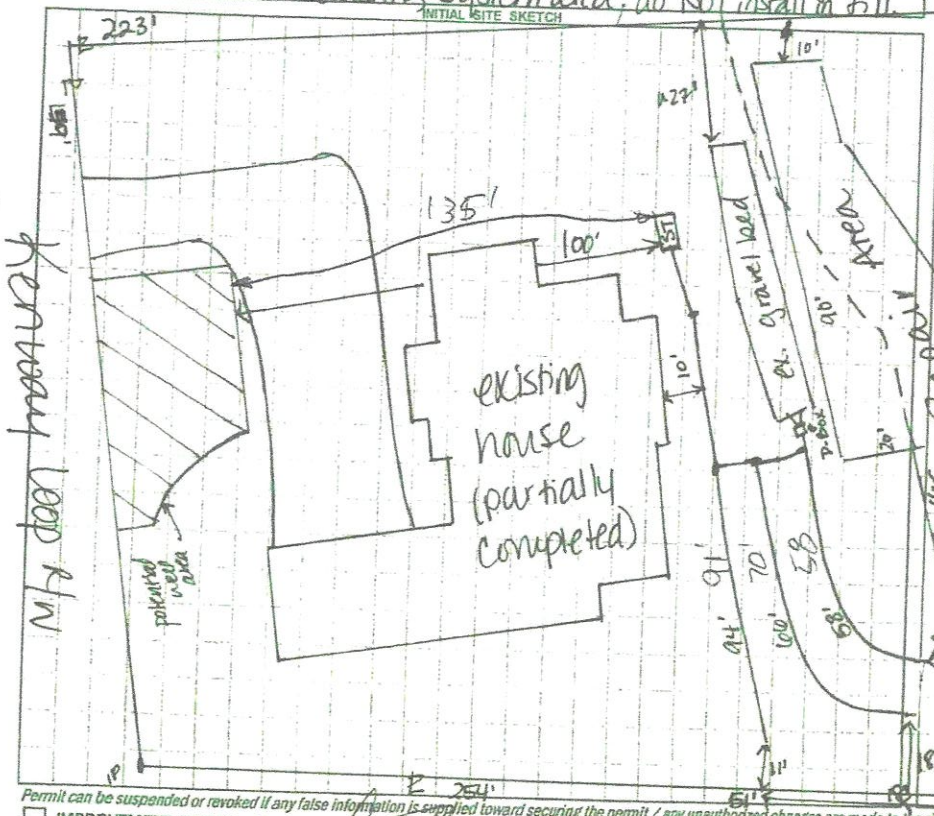
[X] Residence — No. Bedrooms 4
[ ] Business — No. Persons 8
[ ] Other — No. Employees
[ ] Slab [ ] Crawl Space
[X] Basement w/plumbing [ ] Basement w/o plumbing

Water Supply: [X] Private [ ] Public [ ] Community

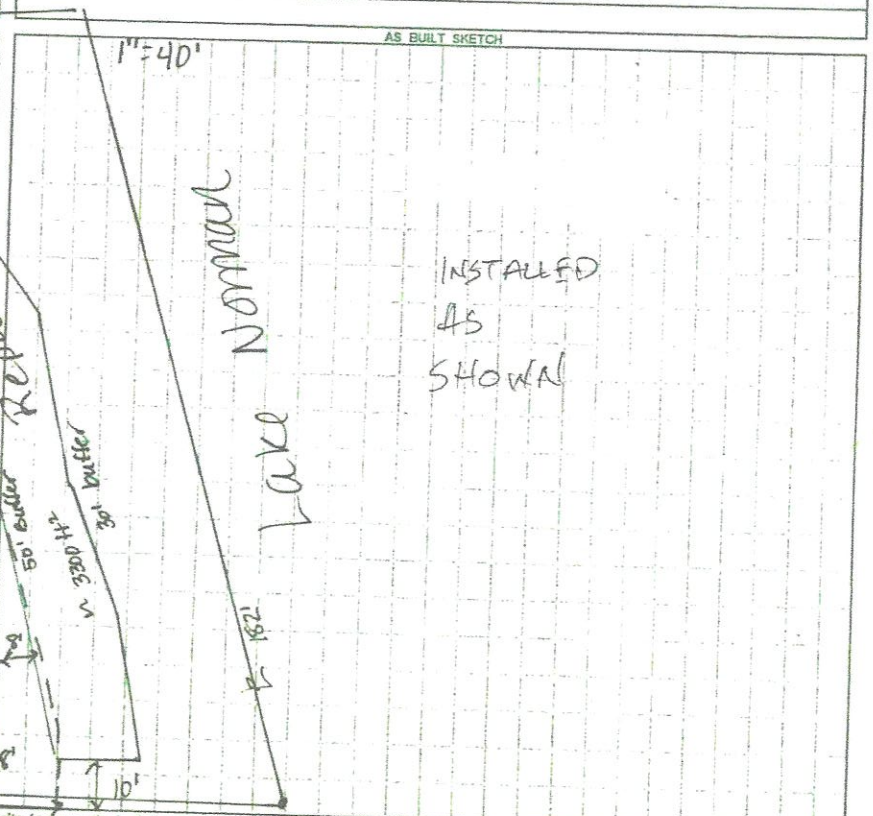
Comments / Conditions: Install drainlines on contour. Distribute serially to chambers, use d-box to feed lines in bed equally. Do not install in existing system area, do NOT install in fill.

All fill removed from drainfield must be off drainfield to obtain OP

INITIAL SITE SKETCH



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.*

[X] IMPROVEMENT PERMIT *with site plan valid for 60 mos.*

[X] AUTHORIZATION TO CONSTRUCT *valid for period equal to IMPROVEMENT PERMIT--not to exceed 60 mo.*

Owner / Applicant Signature: _____ Date: _____

IMPROVEMENT PERMIT by: D. Wieberg Date: 7/11/21

AUTHORIZATION TO CONSTRUCT by: D. Wieberg Date: 7/11/21

Installed by: WILLIAMS EXCAVATION

OPERATION PERMIT by: Burt C. Griffith Date: 9-7-2021

Existing System Inspected by: _____ Date: _____

FOR SEPTIC FINAL INSPECTION CALL 704-664-3702 between 8am-9am the day the inspection is needed. Be sure to speak with an inspector to confirm your inspection time.

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

Sheet 1 of 1
PROPERTY ID #: 4639358018
COUNTY: Iredell

Bench mark 6'1/2" Back (L) corner of porch

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

OWNER: George Psaros
ADDRESS: 313 Kenway Loop Mooresville
PROPOSED FACILITY: 4BR
PROPOSED DESIGN FLOW (.1949): 480gpd
LOCATION OF SITE: 313 Kenway Loop Mooresville
APPLICATION DATE 6/9/21
DATE EVALUATED: 7/1/21
PROPERTY SIZE: 0.91
PROPERTY RECORDED: Y

WATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	3'3" 25% 0-6 6-25 25-49	0-30	FILL	—	Fill varies b/w 26 & 32"				
		30-36	C - SBK	SSP - FR - SEVP					
		36-55	CL - SBK	"		55" ↓			PS
		55-78	SAP-L-M			25" natural			0.3
2	5'5" 24% 0-15 15-46 46-55	0-15	FILL	—					
		15-30	C - SBK	SSP - FR - SEVP					
		30-60	CL - SBK	SSP - FR - SEVP					PS
		60-72	SAP-L-M		Sap. incl	30-60			0.3
3	9'1/2" 10%	0-18	FILL	—					
		18-29	C - SBK	SSP - FR SEVP					
		29-68	CL - SBK	SSP - FR SEVP	Mn staining throughout Small coarse frag, sticky, damp - no rain 14 days+				PS
									0.275
4	10'3" 10%	0-24	FILL	—					
		24-46	C - SBK	SSSP					
		46-72	CL SBK	SP - FR - SEVP					PS
									0.25
					lateral H2O @ bottom				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	219 + ex bed	
System Type(s)	25% Red + ex	
Site LTAR	0.275	

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

COMMENTS:

Lot 90 C

RECEIVED JUN C 9 2021

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

Iredell County Health Department – Environmental Health Division

PAGE 1: *APPLICATION FORM* AP- 242755 $320.00

Application For: (X) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
( ) Septic Improvement Permit ( ) 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: (/) 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: Chris Strom/Strom Construction Inc Address: 3666 PoBox Mooresville NC Zip: 28117
Applicant Email: chris@stromconstructionnc.com Phone: 704-506-4000 Alt. Phone: Same
Owner Name: George Psaros Address: 313 Kenway Loop Mooresville NC Zip: 28117
Owner Email: judyps@bellsouth.net Phone: 704-965-8102 Alt. Phone: 704-965-8103

Property Information:

Street Address: 313 Kenway Loop Mooresville N.C. 28117
Subdivision Name: n/a CLOT Section/Phase: 15 Lot Number: 16
Driving Directions: (S) Perth (L) on Fernhill rd (L) on Kenway load 313 Kenway Loop

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

(X) New Single Family Residence Maximum Number of Bedrooms: 4
( ) New Multi-Family Residence Maximum Number of Occupants: ____
( ) Accessory Building ( ) Swimming Pool
( ) Bedroom(s) Addition ( ) Other Addition/Structure: ____
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem: ____
Non-Residential Site Development: Type of Business: ____
Square Footage of Building: 8264 Max. Number of Employees: ____ Max. Number of Seats/Beds/Other: ____

CHECK FOUNDATION TYPE

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

Water Supply: ( ) Replacement Well – Reason: ____
( ) Multi-connection Well Number of Houses: 1 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 ( ) 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 ( ) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes ( ) 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: _____ 6-9-21
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

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*) No

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.

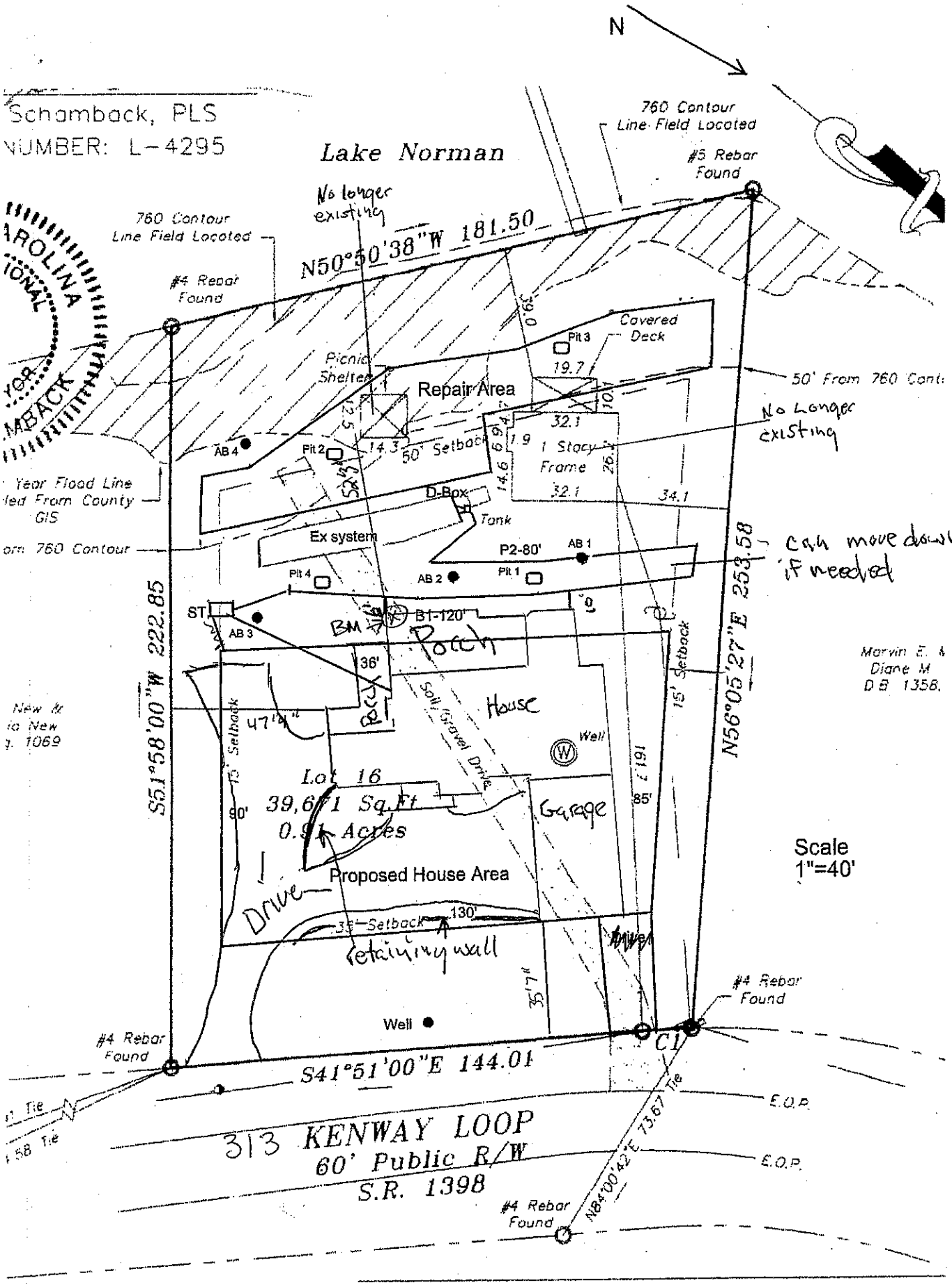
2. I, George C. PSAROS, am the legal owner(s) of the property located at 313 Kenway Loop Mooresville NC 28117, identified as PIN (Parcel Identification Number) _____, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Strom Construction Inc. Chris Strom, 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.

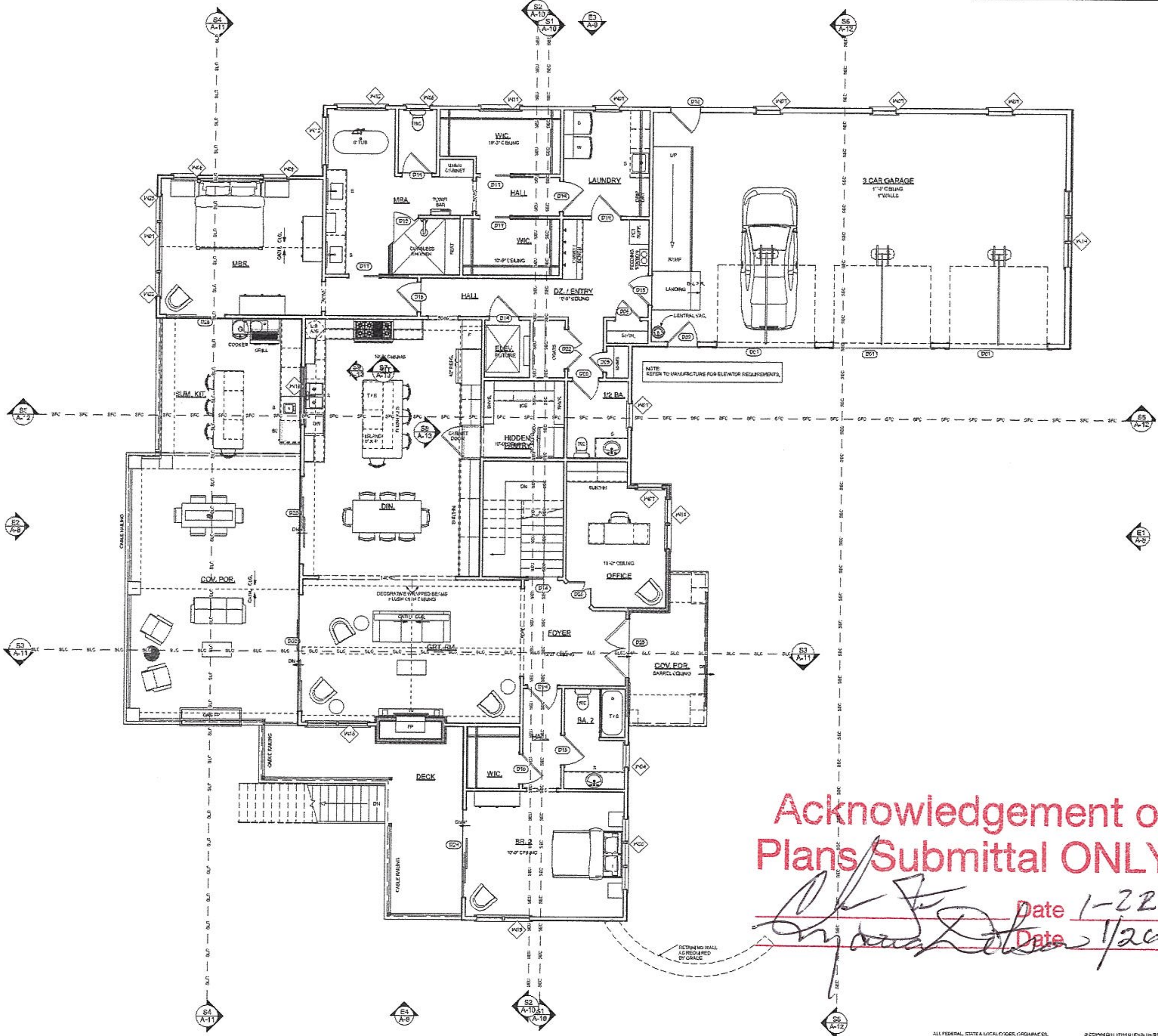
Signature of Owner(s) _____ Date 6-9-21


N
Schamback, PLS
NUMBER: L-4295
Lake Norman
760 Contour Line Field Located
#5 Rebar Found
No longer existing
760 Contour Line Field Located
#4 Rebar Found
N50°50'38"W 181.50
39.0'
Covered Deck
Pit 3
Picnic Shelter
Repair Area
19.7'
50' From 760 Cont.
No Longer existing
AB 4
Pit 2
14.3'
50' Setback
32.1'
1 Story Frame
26.2'
34.1'
D-Box
Tank
Ex system
P2-80'
AB 1
Can move down if needed
Pit 4
AB 2
Pit 1
ST
AB 3
BM
B1-120'
Porch
36'
Rock
House
Well
Soil/Gravel Drive
15' Setback
47'9"
Lot 16
39,671 Sq.Ft.
0.91 Acres
90'
85'
Garage
Proposed House Area
Drive
35' Setback
130'
Retaining wall
Driveway
35'1"
Well
#4 Rebar Found
#4 Rebar Found
C1
S41°51'00"E 144.01
S51°58'00"W 222.85
N56°05'27"E 253.58
Marvin E. & Diane M. D.B. 1358,
Scale 1"=40'
313 KENWAY LOOP
60' Public R/W
S.R. 1398
E.O.P.
E.O.P.
N84°00'42"E 73.67
#4 Rebar Found

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Acknowledgement of Plans Submittal ONLY!

Date 1-22-21

Date 1/26/21

FIRST FLOOR PLAN NOTED

NOTE:
THESE PLANS NOT VALID FOR PERMITTING PURPOSES UNLESS THEY BEAR THE SIGNATURE & SEAL OF JENNIFER S. PIPPIN, CPBD AND AIBD.

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PIPPIN HOME DESIGNS INC.
AWARD WINNING HOMES WITH A VIEW
Professional Member, AIBD
516-D RIVER HIGHWAY
PMB 174
MOORESVILLE, NC 28117
TEL 704.363-8037
www.pippinhomedesigns.com

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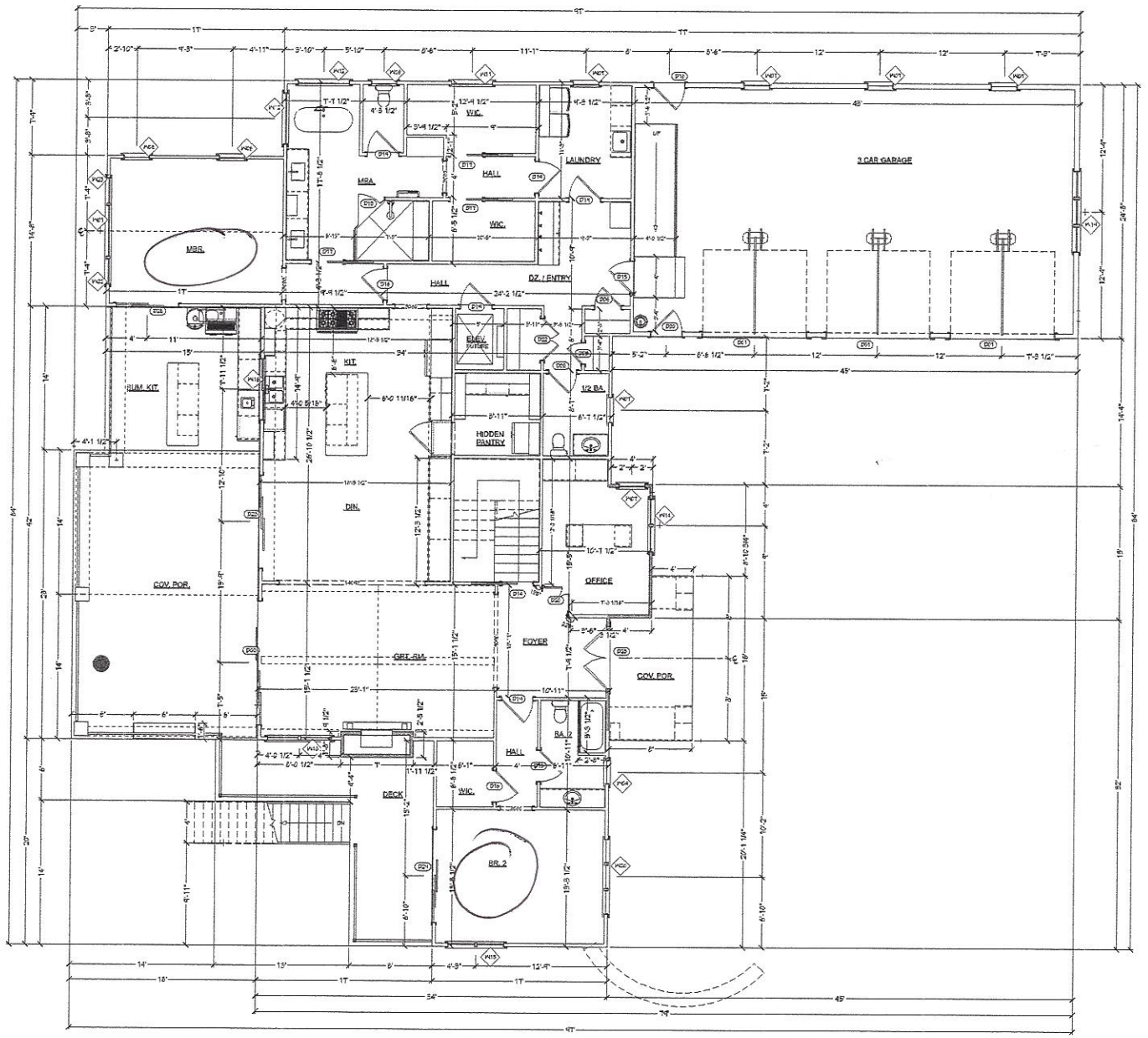
A NEW CUSTOM HOME DESIGN FOR:
GEORGE AND JUDY PSAROS
313 KENWAY LOOP
MOORESVILLE, NC, IREDELL COUNTY

DATE:	8/1/20
SCALE:	1/4" = 1'-0"
SHEET:	A-5

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Acknowledgement of Plans Submittal ONLY!
Date 1-27-21
Date 1/26/21



FIRST FLOOR PLAN DIM.

PIPPIN HOME DESIGNS INC.
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A NEW CUSTOM HOME DESIGN FOR:
GEORGE AND JUDY PSAROS
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MOORESVILLE, NC, IREDELL COUNTY

DATE:
8/1/20
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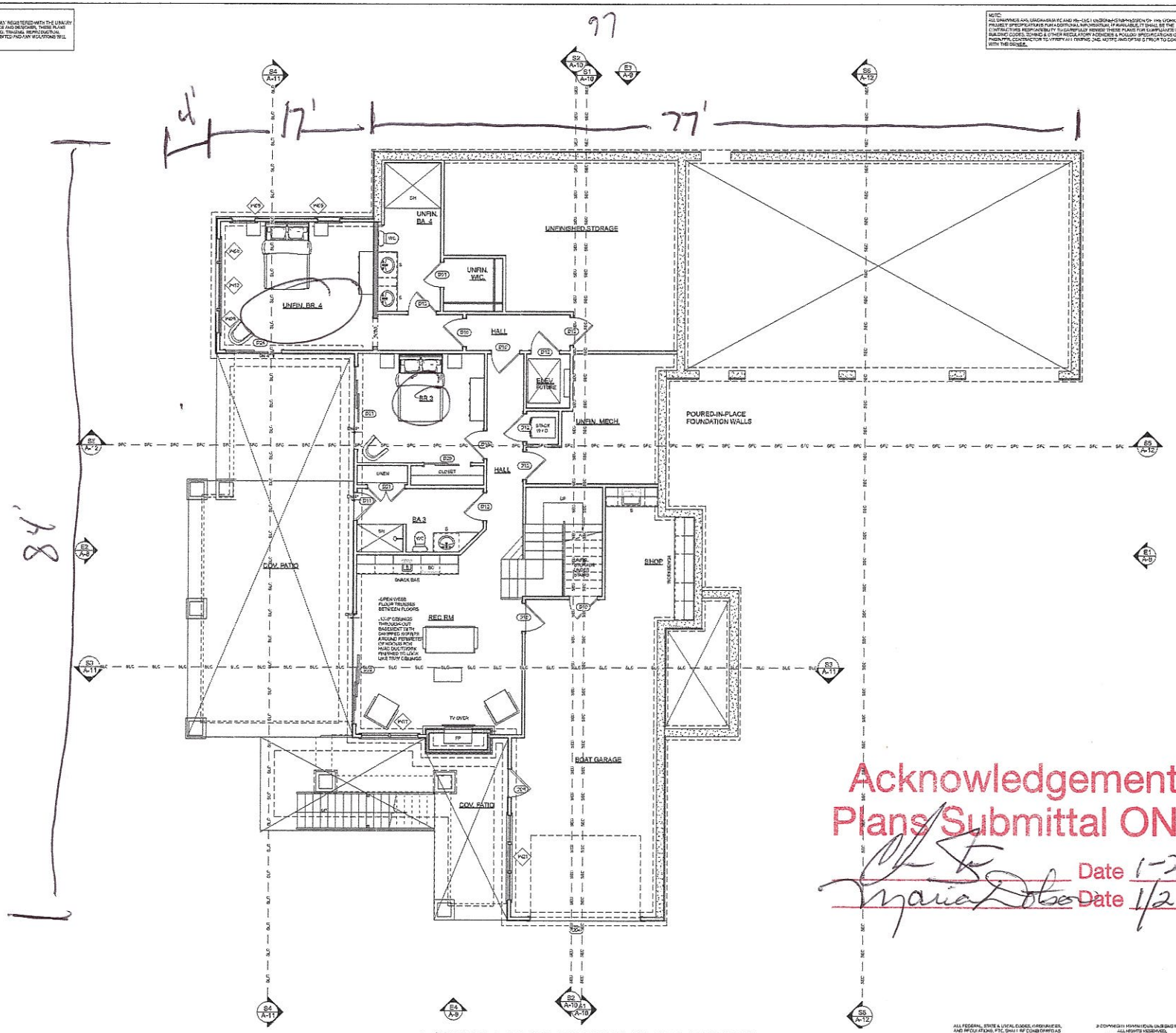
NOTE:
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NOTE:
ALL DIMENSIONS ARE APPROXIMATE AND MUST BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY DISCREPANCIES FOUND IN THE DIMENSIONS OR THE WORK SHOWN ON THESE PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER IMMEDIATELY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO SUBMIT ALL REVISED THESE PLANS FOR SUBMITTALS WITH ALL BUILDING CODES, ZONING & OTHER RELEVANT AGENCIES & PUBLISH SPECIFICATIONS OF THE PROPOSAL CONTRACTOR TO OBTAIN ALL PERMITS AND NOTIFY ONE WEEK PRIOR TO CONSTRUCTION.



LOWER LEVEL FLOOR PLAN NOTED

Acknowledgement of Plans Submittal ONLY!

Date 1-22-21

Date 1/26/21

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A NEW CUSTOM HOME DESIGN FOR:
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MOORESVILLE, NC, IREDELL COUNTY

Creating where people live

DATE:
8/1/20
SCALE:
1/4" = 1'-0"
SHEET:
A-3

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NOTE:
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IREDELL COUNTY

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

APPLICATION NUMBER
242755
Issue Date: 03/08/2019

ZONING PERMIT

Residential

Parcel Number	Street Address	Jurisdiction
4639308618.000	313 KENWAY LOOP, MOORESVILLE, NC	IREDELL COUNTY

Owner Information		Applicant Information	
Owner:	KATIE LLC	Applicant:	MICHAEL ATHANAS & ASSO
Address:	680 FERN HILL RD	Address:	561 ENNIS RD
	MOORESVILLE, NC 28117		WEDDINGTON, NC 28173
Phone:		Phone:	704-576-3887

Use Requested	Zone Code
SFD	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
	35.00	50.00	15.00	15.00	CACL	AE

Remarks:

Lake Lots: Must meet both the 50-foot setback from the 760 Æ contour line and the 35-foot setback from the rear property line for any structure.

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.

Applicant: _____ Date: _____

Permit Number	169924	TOTAL FEES:	$ 77.25

WELL ABANDONMENT RECORD

Faxed 1/12/2021

For Internal Use ONLY:

1. Well Contractor Information:

Alfred Kiesling Jr.

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

3266-A

NC Well Contractor Certification Number

B & K Well Drilling Inc

Company Name

2. Well Construction Permit #: 242755

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	☐Municipal/Public
☐Geothermal (Heating/Cooling Supply)	☑Residential Water Supply (single)
☐Industrial/Commercial	☐Residential Water Supply (shared)
☐Irrigation	
Non-Water Supply Well:	
☐Monitoring	☐Recovery
Injection Well:	
☐Aquifer Recharge	☐Groundwater Remediation
☐Aquifer Storage and Recovery	☐Salinity Barrier
☐Aquifer Test	☐Stormwater Drainage
☐Experimental Technology	☐Subsidence Control
☐Geothermal (Closed Loop)	☐Tracer
☐Geothermal (Heating/Cooling Return)	☐Other (explain under 7g)

4. Date well(s) abandoned: 1/12/2021

5a. Well location:

Strom Construction — Facility/Owner Name

CLT SIS 16 — Facility ID# (if applicable)

313 Kenway Lp — Physical Address, City, and Zip

Iredell — County

4659 30 8618 — Parcel Identification No. (PIN)

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

_____ N _____ W

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: 105 (ft.)

6c. Borehole diameter: 6 (in.)

6d. Water level below ground surface: 20 (ft.)

6e. Outer casing length (if known): 34 (ft.)

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

6g. Screen length (if known): _____ (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: 1

7b. Approximate volume of water remaining in well(s): 120 (gal.)

FOR WATER SUPPLY WELLS ONLY:

7c. Type of disinfectant used: Chlorine

7d. Amount of disinfectant used: 8 ounces

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

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

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

27 Bags Hole plug

1 Bag Concrete

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

Poured and Hydrated

8. Certification:

Signature of Certified Well Contractor or Well Owner — Date: 1/12/21

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.