PJB AP

ICHD–ENVIRONMENTAL HEALTH DIVISION

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 313022

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

PIN # 4624189735

APPLICANT/OWNER: Rob and Alison Daniel APPLICANT ADDRESS: 178 Deadham Lp Mooresville, NC 28117

SITE ADDRESS: 178 Deadham Lp Mooresville, NC 28117 PHONE: 704 773-1569 ALT. PHONE

SITE DIRECTIONS: Brantley School Rd TR 2nd Mansfield TR Brockton TR Deadham Ct

SUBDIVISION: The Point SECTION: 9 LOT # 967 LOT AREA: 1.02 Ac

SAP CONTROLLED: ☐ YES ☒ NO

DESIGN FLOW: 600 gpd L.T.A.R.: .3 New / .25 Exi

Septic Tank	1500 (gal)	STB	SHOAF 964	Date	1/23	☒ New System	☐ Repair ☐ Expansion System Type: I II III IV V VI
Pump Tank	1500 (gal)	PT	SHOAF 353	Date	1/17	System Description:	LP Panel Block
Pump Make	Orenco	Model	PF500511	Serial #	18-M14/910608	Repair System Description:	31 Lf Panel Block
# Nitrification Fields	1	# Lines	1	Linear Ft	50 (+ext)	Maintenance Agreement Required:	☒ YES ☐ NO
Trench Width	min. 24"	Trench Bottom Depth(Low side)	36"	Gravel Depth	N/A	☐ GRAVITY	☒ PRESSURE

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

No. Bedrooms 5 No. Persons 10 No. Employees ☒ Crawl Space

Water Supply: ☐ Private ☐ Public ☒ Community ☐ Basement w/o plumbing

Comments / Conditions: (1) Properly abandon existing tanks Abandon existing top drain line within 15ft of pool "cut" add additional 50ft drain line

Must keep Septic supply line a minimum of 10ft from pool cut

minimum 2ft pressure head

INITIAL SITE SKETCH

Drill 3/16" hole 400ft

See attached Site plan Submitted by Paul Penninger

AS BUILT SKETCH

92 panels X 3.6 per panel = 331.2 gal dose volume

9.2 minutes

As built - See attached

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: Date: 2/9/2021 Installed by: Lentz Wastewater

IMPROVEMENT PERMIT by: Maria Dotson Date: 2/5/2021 OPERATION PERMIT by: D Weberg Date: 4/14/21

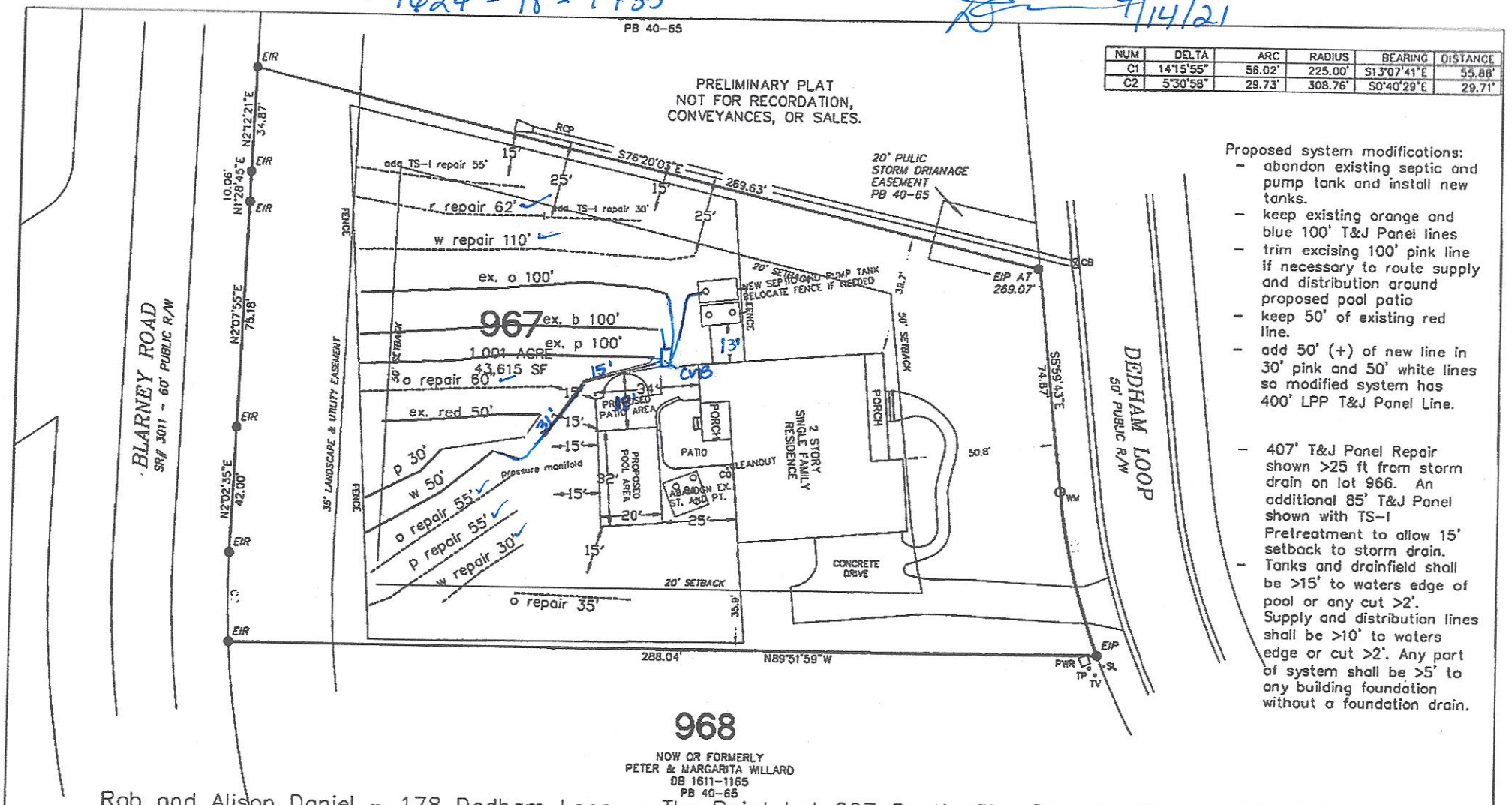
AUTHORIZATION TO CONSTRUCT by: Maria Dotson Date: 2/5/2021 Existing System Inspected by: Date:

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inpsector to confirm your inspection time.

178 Dedham
4624 - 18 - 9735

As Built - NTS

4/14/21



NUM	DELTA	ARC	RADIUS	BEARING	DISTANCE
C1	14°15'55"	56.02'	225.00'	S13°07'41"E	55.88'
C2	5°30'58"	29.73'	308.76'	S0°40'29"E	29.71'

Proposed system modifications:

- abandon existing septic and pump tank and install new tanks.
- keep existing orange and blue 100' T&J Panel lines
- trim excising 100' pink line if necessary to route supply and distribution around proposed pool patio
- keep 50' of existing red line.
- add 50' (+) of new line in 30' pink and 50' white lines so modified system has 400' LPP T&J Panel Line.

- 407' T&J Panel Repair shown >25 ft from storm drain on lot 966. An additional 85' T&J Panel shown with TS-I Pretreatment to allow 15' setback to storm drain.
- Tanks and drainfield shall be >15' to waters edge of pool or any cut >2'. Supply and distribution lines shall be >10' to waters edge or cut >2'. Any part of system shall be >5' to any building foundation without a foundation drain.

Rob and Alison Daniel – 178 Dedham Loop – The Point Lot 967 Septic Site Plan for Proposed Pool Area

Base site plan from Williams Land Surveying. Septic details added by Penninger Soil Consulting.

Modification to existing septic system and new pool/patio area must be approved and permitted by ICHD.

ON-SITE WASTEWATER SECTION

PROPERTY ID #: 4624189?
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Rob and Alison Daniel
ADDRESS: 178 Dedham Lp Mooresville NC — APPLICATION DATE 1/8/21
PROPOSED FACILITY: House/Mobil — PROPOSED DESIGN FLOW (.1949): 600gpd — DATE EVALUATED: 2/2/202
LOCATION OF SITE: 178 Dedham Lp Mooresville The Point — PROPERTY SIZE: 1.02 Acre
WATER SUPPLY: ☐ Private ☒ Public ☐ Well ☐ Spring ☐ Other Lot #967 — PROPERTY RECORDED: Y
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut — TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1 P1	6% (Initial)	0-10"	Brw SCL w SBK SS, SP, SE, FR						PS .3
		10-38"	RCL m-f SBK/ABK S, P SE, SP, FR						
		38"-64"	RCL w SBK SS, SP, SE, SP, FR		—	64"	—	—	
2 P2	7% (Repair)	0-11"	Brw SCL w SBK SS, SP, SE, SP, FR						PS .3
		11-35"	RCL m-f SBK FR S, P						
		35-50'	W/R M w SBK SS, SP, SE, SP, FR						
			W/Few SAP Inclus.						
		50-62	N. Wall	SL SAP	—	50"	—	—	
3									
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	PPBPS	TPPBPS
Site LTAR	.25-.3	.25-.3

COMMENTS:

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: Maria Dotson
OTHER(S) PRESENT: Paul Penninger & David Bean

call Paul Penninger for site visit 704.996.6330 RECEIVED JAN 1 1 2020

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Relocation AP-313022 $500.00

Application For: ( ) 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: ( ) 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: Rob and Alison Daniel Address: 178 Dedham Loop, Mooresville, NC Zip: 28117

Applicant Email: ramcfdaniel@gmail.com Phone: 704-773-1569 Alt. Phone: _____

Owner Name: Same as above Address: _____ Zip: _____

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

Property Information:

Street Address: 178 Dedham Loop

Subdivision Name: The Point Section/Phase: 9 Lot Number: 967

Driving Directions: Brawley School Rd, TR 2nd Mansfield, TL Brockton, TR Dedham, lot on Rt

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

( ) 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: 5
Maximum Number of Occupants: 10
(X) 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: _____

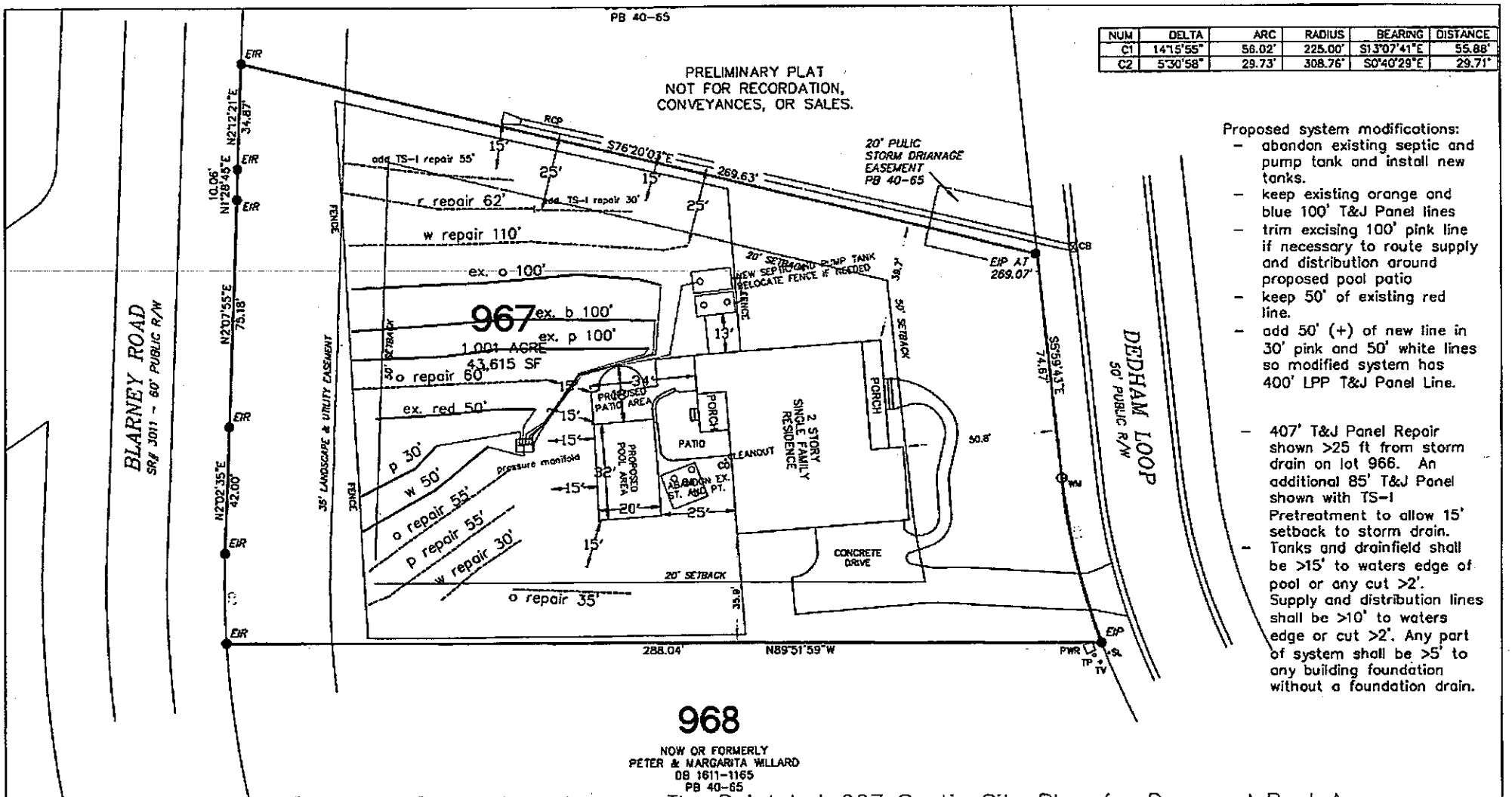
( ) New Well ( ) Existing Well (X) Community Well ( ) City Water ( ) Other Public Water

Desired Septic System Type: *(you may rank in order of preference)* Year existing system installed: 2005
( ) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other: T&J Panel

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: _____ 1-8-21
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE



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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)* _____

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, Rob and Alision Daniel, am the legal owner(s) of the property located at 178 Dedham Loop, identified as

PIN (Parcel Identification Number) 4624189735, located in Iredell County, North Carolina.

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

_____ 1/8/2021
Signature of Owner(s) Date

Mooresville - Environmental Health
ronda.hart@co.iredell.nc.us
Fax: 704-662-3239
610 E. Center Avenue, Mooresville, NC 28115

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

IREDELL COUNTY · NC

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

APPLICATION NUMBER
313022 Issue Date: 12/02/2020

Permit Type: ZONING

Parcel Number	Street Address	Jurisdiction
4624189735.000	178 DEDHAM LOOP	IREDELL COUNTY

Owner Information	Applicant Information
Name: DANIEL ROBERT C+ALISON Z	Name: ARTISTIC POOLS INC
Address:	Address: 18540 Starcreek Dr.
,	CORNELIUS, NC 28031
Phone:	Phone: (704)658-4006

Use Requested	Zone Code
SWIMMING POOL	R-20

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
1.001	35	35	10	10	WSIV-CA Catawba/Lake Norman	NO

Remarks

18X30 SWIMMING POOL AND 7X7 SPA - $65,000 - NEEDS ZD

Must meet requirement R22 of the LDC. Pools shall be located to comply with minimum setbacks for accessory structures- located behind front building line of house, 10' from side & rear property line. Lake lots must meet the 50' setback from the 760 contour line AND the 35' setback from the rear property line. Pools that are not an integral part of the principal building shall be located at least the minimum distance from the principal building necessary to comply with N.C. Building Code. Setback from house could be +/-10'. Fenced with a minimum 4' in height, and equipped with self-closing and positive self-latching gate provided with hardware for permanent locking. Fence not required for above ground pools if they are at least 4' in height, the ladder removed, or when NOT in use have a gate to the ladder as described above.

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.

Date: 12/02/2020

Signature of Owner/Contractor

Permit Number	313022	TOTAL FEES:	$77.25