IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # 239380

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

PIN # 4616-91-2279

APPLICANT/OWNER: Ryan Kamp | APPLICANT ADDRESS: 215 Freshwater Lane Mooresville, NC 27118

SITE ADDRESS: 134 Landover Lane Mooresville, NC | PHONE: 410-913-4660 | ALT. PHONE

SITE DIRECTIONS: BSR towards Lake Norman → Ron Chuckwood → L on Barber Loop → R on Landover → end | SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: CL+T | SECTION: 7 | LOT # 84 | LOT AREA: 0.735 acres | DESIGN FLOW: 480 GPD | L.T.A.R.: 0.30

Septic Tank	1000 (min)	(gal)	STB		Date		☐ New System ☐ Repair ☒ Expansion	System Type: I II III IV (V) VI	☒ Residence	No. Bedrooms	4	Water Supply
Pump Tank	1000 (min)	(gal)	PT		Date		System Description:	Existing Bed + PPBPS w/ TSII treatment	☐ Business	No. Persons	8	☒ Private
Pump Make		Model			Serial #		Repair System Description:	TSII + Drip	☐ Other	No. Employees		☐ Public
# Nitrification Fields	*	# Lines	*		Linear Ft	*	Maintenance Agreement Required:	☒ YES ☐ NO	☒ Slab	☒ Crawl Space		☐ Community
Trench Width	*	Trench Bottom Depth(Low side)	*		Gravel Depth	—		☐ GRAVITY ☒ PRESSURE	☐ Basement w/plumbing		☐ Basement w/o plumbing	

Comments / Conditions: System to be designed by professional engineer. Approved primary + repair areas ONLY include those shown on attached plat titled "Ryan Kamp 134 Landover Septic Site Plan" [Approved 10/26/18] Engineer plans must be reviewed by ICHD before AC can be issued. * Careful attention must be taken in removing encroaching deck from existing gravel bed. Condition of bed unknown *

INITIAL SITE SKETCH

* See engineer plans: by Donald L. Munday P.E. #17327 of Piedmont Design [Sheets + packet]

* Dated 11/6/2018

* Revised: 12/6/2018

* Approved: 12/18/2018

* well abandoned 9/12/19

AS BUILT SKETCH

* Existing tank to be pumped (by a licensed hauler) + crushed in place

* Existing well must be abandoned or granted a variance prior to AC issuance

* Portions of existing septic system encroaching upon neighbor's 50 foot well setback must be disconnected/abandoned *

2/28/2020 Roth Tank Model # T

Advantex AX20RTUV-3 S/N 432652

Lines + Connections ok per eng. and design

60 gal doses

120
+ 4 + 60
240
360

Alarm OK
Electrical OK

Recirculation Tree

Discharge Tee

HL Alarm

Alarm + Timer override

Timer Enable

LL Alarm (Ok)

RO

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.*

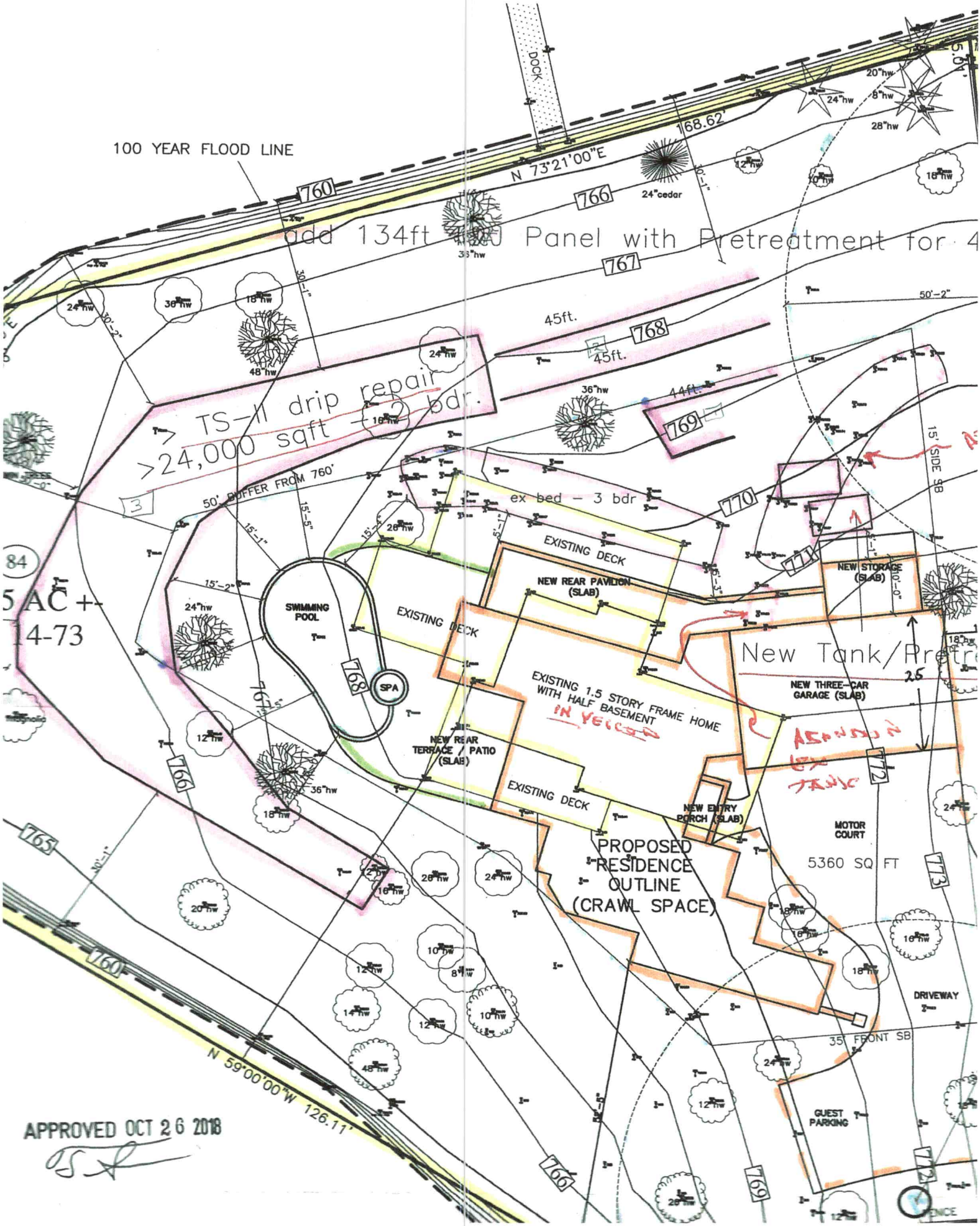
Owner / Applicant Signature: Ryan Kamp | Date: 11/7/18 | Installed by: Chris Stevens

IMPROVEMENT PERMIT by: Tom Shuck | Date: 10/26/18 | OPERATION PERMIT by: Tom Shuck | Date: 5-7-2020

AUTHORIZATION TO CONSTRUCT by: Tom Shuck | Date: 2/5/2020 | 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.

	Date	Initials
Drain Lines Checked	2/28/20	
Tanks Checked	2/28/20	
Pressure Manifold or Valve Box Checked	4/29/2020	
Pressure Head Set	4/29/2020	
Electrical Checked	4/29/2020	
Floats Set	4/29/2020	
Alarm Checked	4/29/2020	
Maintenance Contract (Y) / N	5/1/2020	


100 YEAR FLOOD LINE
DOCK
168.62'
N 73°21'00"E
760
766
767
768
769
770
771
772
773
765
add 134ft 1000 Panel with Pretreatment for 4
>24,000 sqft (2) bdr.
TS-II drip repair
45ft.
45ft.
44ft.
50' BUFFER FROM 760'
ex bed - 3 bdr
EXISTING DECK
NEW REAR PAVILION (SLAB)
NEW STORAGE (SLAB)
SWIMMING POOL
SPA
EXISTING DECK
EXISTING 1.5 STORY FRAME HOME WITH HALF BASEMENT
IN VELCRO
NEW REAR TERRACE / PATIO (SLAB)
EXISTING DECK
NEW THREE-CAR GARAGE (SLAB)
NEW ENTRY PORCH (SLAB)
MOTOR COURT
5360 SQ FT
PROPOSED RESIDENCE OUTLINE (CRAWL SPACE)
DRIVEWAY
35' FRONT SB
GUEST PARKING
15' SIDE SB
N 59°00'00"W 126.11'
APPROVED OCT 26 2018
5 AC +-
14-73

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

Sheet 1 of 1
PROPERTY ID #: 4616-91-2249
COUNTY: Iredell

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

OWNER: Wayne Cline
APPLICATION DATE 10/7/18
ADDRESS: 16 North Rd. Salisbury NC
DATE EVALUATED: 10/18/18
PROPOSED FACILITY: 4BR SFR
PROPOSED DESIGN FLOW (.1949): 480 GPD
PROPERTY SIZE: 0.735 acres
LOCATION OF SITE: 134 Landover Rd/Lane Mooresville
PROPERTY RECORDED: Yes
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	LSS 6% Prim	0-17	scl V.W.SBK	sl. Friable, SS, Sp, Sexp		63			0.325 PS
		17-32	clay m.SBK	sl. Firm, Sticky, Sp, Sexp					
		32-63"	clay Loam W.SBK common mica	sl. Friable, SS, Sp, Sexp					
			common saprolite 52"-63"						
2	LSS 4% Prim	0-8	scl V.W.SBK	sl. Friable, SS, Sp, Sexp		63			0.30 PS
		8-34	clay m.SBK/ABK	sl. Firm, Sticky, Sp, Sexp					
		34-63	clay Loam W.SBK some mica	sl. Friable, SS, Sp, Sexp					
3	LSS 5% Repair	0-6	clay Loam V.W.SBK	sl. Friable, SS, Sp, Sexp		62			0.275 [0.1 Drip] PS
		6-43	clay m.SBK/W.ABK	sl. Firm, moderately Sticky, Sp, Sexp					
		43-62	clay Loam w.SBK	sl. Friable, SS, Sp, Sexp					
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	134+ feet	≈ 24,000 ft²
System Type(s)	TS II Panel	TS II Drip
Site LTAR	0.30	0.1

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948):
EVALUATED BY: Tom Shuck
OTHER(S) PRESENT:

COMMENTS:

call Paul Pearson for site visit

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM 704-996-6330

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

Applicant Information: (PRINT CLEARLY)

Applicant Name: Ryan Kamp **Address:** 215 FRESHWATER LANE MOORESVILLE **Zip:** 27118

Applicant Email: rkamp@ccsliners.com **Phone:** 410.913.4660 **Alt. Phone:**

Owner Name: Wayne Cline **Address:** 16 NORTH ROAD SALISBURY NC 28144 **Zip:**

Owner Email: kelly@mrlakenorman.com - realtor **Phone:** 704-621-5000 Realtor **Alt. Phone:**

X Due diligence 8K. Oct 22, 2018

Property Information:

Street Address: 134 Landover Ln

Subdivision Name: CL&T **Section/Phase:** 7 **Lot Number:** 84

Driving Directions: Brawley School Road, TR Chuckwood, TL Barber Loop, Rt on Landover, lot at end.

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

CHECK FOUNDATION TYPE

(X) New Single Family Residence — Maximum Number of Bedrooms: 4 — (X) Crawl Space Foundation
( ) New Multi-Family Residence — Maximum Number of Occupants: 8 — ( ) Concrete Slab Foundation
( ) Accessory Building — (X) Swimming Pool — ( ) Basement with Plumbing
(X) Bedroom(s) Addition — ( ) Other Addition/Structure: — ( ) Basement without Plumbing
( ) Repair to failing septic system ___ Tank ___ Drain lines Describe Problem:
Non-Residential Site Development: Type of Business:
Square Footage of Building: Max. Number of Employees: Max. Number of Seats/Beds/Other:

X SDPIC 515

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 ( ) 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? LN
( ) 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: _____ 10-7-18
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

DocuSign Envelope ID: 22583622-F693-4752-BD13-368CB435C472

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*) Wayne Cline Jr. and Christine Cline

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, Wayne Cline Jr. and Christine Cline, am the legal owner(s) of the property located at 134 Landover Lane, Mooresville NC 28117, identified as

PIN (Parcel Identification Number) 4616-91-2279.000, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Paul Penninger / Penninger Sol. Consulting - Ryan Kamp, 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.

DocuSigned by: Wayne Cline Jr. 9BF7B1183DCC499... DocuSigned by: Christine Cline 139644D61F0048B...

Signature of Owner(s)

9/23/2018 7:43:43 PM PDT

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

Memorandum

To: Mr. Thomas Shuck, ICHD
Cc: Ryan Kamp

From: Paul Penninger, Penninger Soil Consulting

RE: 134 Landover Ln septic permitting proposal to review with ICHD during site review.

Date: 10.18.18

Mr. Paul Penninger has worked with Mr. Ryan Kamp since September 7, 2018 to review the referenced lot for a potential septic system expansion and to develop a possible 4-bedroom house and pool pad for the lot. The following summarizes some of the findings and the septic system proposal for 134 Landover Lane.

- We located the 1970 3-bedroom bed drainfield and the 1992 3-bedroom bed repair drainfield with a tile probe. We observed the neighbor's well shown in a 2004 ICHD Construction Authorization and Operation Permit was only about 25 feet from the 1970 bed drainfield. We emailed the 134 Landover Ln. survey site plan to Mr. Heath Snow of the ICHD on September 14, 2018, after discussing the issue by phone. Mr. Snow reviewed the site plan and the ICHD permits and indicated by phone that we could abandon the 1970 bed system with the well encroachment, utilize the 1992 bed repair for 3-bedrooms, expand the 1992 repair drainfield to 4-bedrooms, and would be required to reserve at least 1-bedroom of repair area.
- After several house pad revisions, your architect designed the house pad on the site plan that was attached to the ICHD septic permit application. We propose adding 134 feet of T&J Panel to the existing system, which will partially be in the 50 ft lake buffer. The 1992 bed drainfield was partially in the lake buffer. The 4-bedroom expansion will require TS-II Pretreatment and a PE design. We understand PDAPA has been contracted to design the system after the ICHD approves the proposed system and issues the Improvement Permit. The architect plan pushed the required setbacks to the less than a ft. of required separation. Care will need to be taken during the permitting and construction to maintain the required separation and to protect the existing drainfield and expansion areas.
- The >1-bedroom repair is proposed as TS-II drip in the lake buffer. The surveyor located the existing systems, the wells, the lake buffer, and staked the proposed house.
- The existing well will be abandoned and a new well drilled on the lot. A new well permit application has been submitted to the ICHD.
- We are scheduled to meet you this afternoon to review backhoe pits on the lot, the proposed house pad, and the system expansion area.
- We recommended to Mr. Kamp to obtain the ICHD permits prior to his due diligence expiring and closing on the lot.

This summary is not an Improvement Permit or Construction Authorization. The ICHD must approve each lot and only the ICHD can issue these permits. The ICHD should verify all soils and system specifications, required setbacks, and whether a professional engineer plan is required before permitting and/or septic system installation. Soil evaluations and system layouts are done based on interpretations of the rules governing wastewater treatment and disposal systems and are not guarantees for site approval or future septic system performance. We reserve the right to revise our proposal pending the ICHD site visit and if any unknown or buried objects are discovered.

PIEDMONT DESIGN ASSOCIATES, P.A.
125 East Plaza Drive | Suite #101
Mooresville, NC 28115
Phone: 704-664-7888 | Fax: 704-664-1778
Email: dmunday@pdapa.com

Engineering
Surveying
Planning

April 29, 2020

Iredell County Environmental Health Department
610 East Center Avenue
Mooresville, NC 28115
Attn: Mr. Thomas Shuck, REHS

RE: TS-II Hybrid Existing Bed & LP PPBPS Effluent Disposal System
134 Landover Lane, Mooresville, Iredell County, North Carolina

Dear Mr. Shuck:

ENGINEERS CERTIFICATION

I, **Donald L. Munday**, as a duly registered Professional Engineer in the State of North Carolina, having been authorized to observe periodically the construction of the referenced project, a TS-II hybrid pressure dosed bed system & low pressure PPBPS effluent disposal system; serving a new 4 bedroom residence, located at 134 Landover Lane, Mooresville, Iredell County, NC, hereby state that, to the best of my abilities, due care and diligence was used in the observation of the construction such that the construction was observed to be built within substantial compliance and intent of the approved plans and specifications.

Sincerely,

PIEDMONT DESIGN ASSOCIATES, P.A.

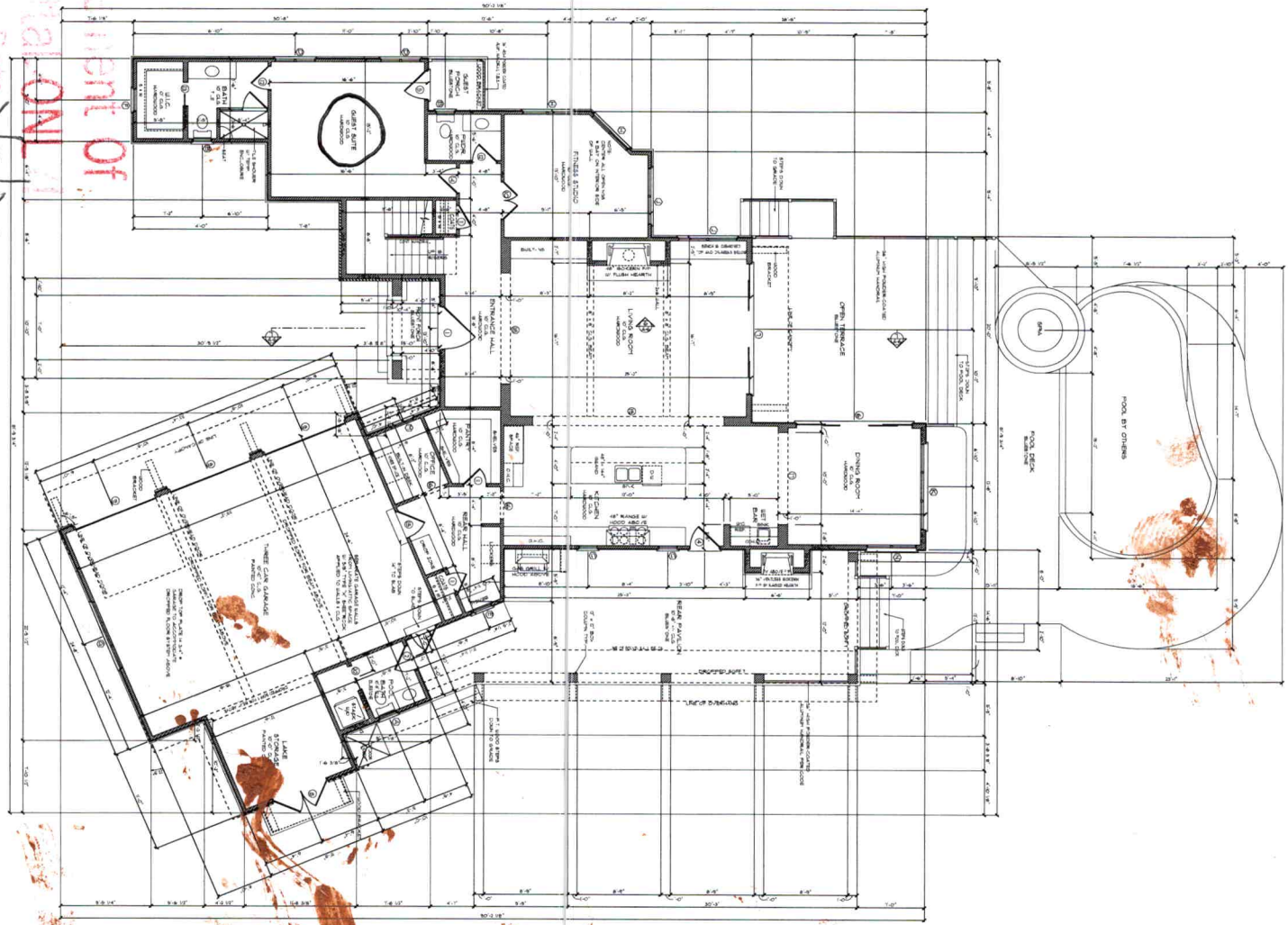
Donald L. Munday, P.E.
N.C. Registration No. 17327

Cc: Todd Harrell, AQWA
Ryan Kamp, Owner



05/04/2020

Plans Submitted For Permit Approval ONLY
Date 6/13/19



DOOR SCHEDULE

①	34 x 80	EXTERIOR 1 3/4" THERMO SLAB 4 PANEL			
②	36 x 80	EXTERIOR 1 3/4" THERMO SLAB 6 PANEL DOOR			
③	36 x 80	EXTERIOR 1 3/4" THERMO SLAB 6 PANEL DOOR W/ OVAL			
④	30 x 80	EXTERIOR 1 3/4" THERMO SLAB DOOR W/ 9 LITE			
⑤	30 x 80	EXTERIOR 1 3/4" THERMO SLAB DOOR W/ 9 LITE			
⑥	72 (6'-0") x 80	EXTERIOR 1 3/4" THERMO FRENCH SLIDING DOORS			
⑦	72 (6'-0") x 80	EXTERIOR 1 3/4" THERMO FRENCH SLIDING DOORS			
⑧	72 (6'-0") x 80	100% EXTERIOR SOLID PANEL DOOR			
⑨	36 x 80	SINGLE INTERIOR PANELED DOOR			
⑩	32 (2'-8") x 80	DOUBLE INTERIOR PANELED DOORS			
⑪	36 x 80	SINGLE INTERIOR PANELED DOOR			
⑫	36 x 80	SINGLE INTERIOR PANELED POCKET DOOR			
⑬	36 x 80	SINGLE INTERIOR PANELED DOOR			
⑭	32 (2'-8") x 80	DOUBLE INTERIOR PANELED DOORS			
⑮	36 x 80	SINGLE INTERIOR PANELED DOOR			
⑯	36 x 80	SINGLE INTERIOR PANELED POCKET DOOR			
⑰	60 (5'-0") x 80	DOUBLE INTERIOR PANELED POCKET DOORS			
⑱	30 x 80	CASED OPENING			
⑲	60 x 80	CASED OPENING			
⑳	30 x 80	CASED OPENING			
㉑	60 x 80	CASED OPENING			
㉒	72 (6'-0") x 80	CASED OPENING			
㉓	72 (6'-0") x 80	SINGLE 10 LITE FIRE RATED DOOR			
㉔	36 x 80	SINGLE INTERIOR PANELED DOOR			
㉕	36 x 80	SINGLE INTERIOR PANELED POCKET DOOR			
㉖	36 x 80	SINGLE INTERIOR PANELED DOOR			
㉗	36 x 80	SINGLE INTERIOR PANELED POCKET DOOR			
㉘	36 x 80	SINGLE INTERIOR PANELED DOOR			
㉙	36 x 80	SINGLE INTERIOR PANELED POCKET DOOR			
㉚	36 x 80	SINGLE INTERIOR PANELED DOOR			
㉛	36 x 80	SINGLE INTERIOR PANELED POCKET DOOR			
㉜	36 x 80	SINGLE INTERIOR PANELED DOOR			
㉝	36 x 80	SINGLE INTERIOR PANELED POCKET DOOR			
㉞	36 x 80	SINGLE INTERIOR PANELED DOOR			
㉟	36 x 80	SINGLE INTERIOR PANELED POCKET DOOR			
㊱	36 x 80	SINGLE INTERIOR PANELED DOOR			
㊲	36 x 80	SINGLE INTERIOR PANELED POCKET DOOR			
㊳	36 x 80	SINGLE INTERIOR PANELED DOOR			
㊴	36 x 80	SINGLE INTERIOR PANELED POCKET DOOR			
㊵	36 x 80	SINGLE INTERIOR PANELED DOOR			
㊶	36 x 80	SINGLE INTERIOR PANELED POCKET DOOR			
㊷	36 x 80	SINGLE INTERIOR PANELED DOOR			
㊸	36 x 80	SINGLE INTERIOR PANELED POCKET DOOR			
㊹	36 x 80	SINGLE INTERIOR PANELED DOOR			
㊺	36 x 80	SINGLE INTERIOR PANELED POCKET DOOR			
㊻	36 x 80	SINGLE INTERIOR PANELED DOOR			
㊼	36 x 80	SINGLE INTERIOR PANELED POCKET DOOR			
㊽	36 x 80	SINGLE INTERIOR PANELED DOOR			
㊾	36 x 80	SINGLE INTERIOR PANELED POCKET DOOR			
㊿	36 x 80	SINGLE INTERIOR PANELED DOOR			

WINDOW SCHEDULE

①	30 x 36	SINGLE W/ FIXED SASH			
②	30 x 48	SINGLE W/ FIXED CASEMENT SASH			
③	30 x 48	SINGLE CASEMENT SASH			
④	30 x 36	SINGLE FIXED SASH			
⑤	30 x 36	SINGLE FIXED SASH			
⑥	30 x 36	SINGLE FIXED SASH			
⑦	30 x 36	SINGLE FIXED SASH			
⑧	30 x 36	SINGLE FIXED SASH			
⑨	30 x 36	SINGLE FIXED SASH			
⑩	30 x 36	SINGLE FIXED SASH			
⑪	30 x 36	SINGLE FIXED SASH			
⑫	30 x 36	SINGLE FIXED SASH			
⑬	30 x 36	SINGLE FIXED SASH			
⑭	30 x 36	SINGLE FIXED SASH			
⑮	30 x 36	SINGLE FIXED SASH			
⑯	30 x 36	SINGLE FIXED SASH			
⑰	30 x 36	SINGLE FIXED SASH			
⑱	30 x 36	SINGLE FIXED SASH			
⑲	30 x 36	SINGLE FIXED SASH			
⑳	30 x 36	SINGLE FIXED SASH			
㉑	30 x 36	SINGLE FIXED SASH			
㉒	30 x 36	SINGLE FIXED SASH			
㉓	30 x 36	SINGLE FIXED SASH			
㉔	30 x 36	SINGLE FIXED SASH			
㉕	30 x 36	SINGLE FIXED SASH			
㉖	30 x 36	SINGLE FIXED SASH			
㉗	30 x 36	SINGLE FIXED SASH			
㉘	30 x 36	SINGLE FIXED SASH			
㉙	30 x 36	SINGLE FIXED SASH			
㉚	30 x 36	SINGLE FIXED SASH			
㉛	30 x 36	SINGLE FIXED SASH			
㉜	30 x 36	SINGLE FIXED SASH			
㉝	30 x 36	SINGLE FIXED SASH			
㉞	30 x 36	SINGLE FIXED SASH			
㉟	30 x 36	SINGLE FIXED SASH			
㊱	30 x 36	SINGLE FIXED SASH			
㊲	30 x 36	SINGLE FIXED SASH			
㊳	30 x 36	SINGLE FIXED SASH			
㊴	30 x 36	SINGLE FIXED SASH			
㊵	30 x 36	SINGLE FIXED SASH			
㊶	30 x 36	SINGLE FIXED SASH			
㊷	30 x 36	SINGLE FIXED SASH			
㊸	30 x 36	SINGLE FIXED SASH			
㊹	30 x 36	SINGLE FIXED SASH			
㊺	30 x 36	SINGLE FIXED SASH			
㊻	30 x 36	SINGLE FIXED SASH			
㊼	30 x 36	SINGLE FIXED SASH			
㊽	30 x 36	SINGLE FIXED SASH			
㊾	30 x 36	SINGLE FIXED SASH			
㊿	30 x 36	SINGLE FIXED SASH			

DOOR LINTOLS NOTE

FIRST FLOOR PLAN

GENERAL FLOOR PLAN NOTES

SQUARE FOOTAGE
(TO OUTSIDE OF STUD WALL)

MASTER WING	1,440
TOTAL MASTER AREA	1,440
FRONT PORCH	101
REAR PORCH	144
REAR GAR. GARAGE	144
PORTE COCHERE	144
PORCH STOOP	101
TOTAL UNDER ROOF AREA	1,874

Christopher PHELPS
Inspiring Homes for Life
1230 WEST MOREHEAD ST, SUITE 202
CHARLOTTE, NC 28208 704-371-5569

SHEET A-1 / 20

PROJECT:

THE [illegible]MP RESIDENCE
194 LANDOVER LANE
MOORESVILLE, NORTH CAROLINA

JOB NUMBER: 2019-04

APPROVED BY: DANIEL PEREZ / JOHN STERGIOS

DATE: MAY 8, 2019

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

NOTE: GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND ANGLES N.T.S.O.

Acknowledgement Of Plans Submittal ONLY

Date 12/21/20

Date 6/13/19



DOOR SCHEDULE

①	31-3/4" x 7'-0"	EXTERIOR TEMPERED FRENCH DOORS	
②	31-3/4" x 8'-0"	EXTERIOR TEMPERED FRENCH DOORS W/ 24" SIDELITE	
③	63-3/4" x 7'-0"	DOUBLE INTERIOR PAINTED DOORS	
④	34" x 7'-0"	1 HALF INTERIOR PAINTED DOOR	
⑤	28" x 7'-0"	1 HALF INTERIOR PAINTED DOOR	
⑥	34" x 7'-0"	1 HALF INTERIOR PAINTED DOOR	
⑦	34" x 7'-0"	1 HALF INTERIOR PAINTED DOOR	
⑧	30" x 7'-0"	1 HALF INTERIOR PAINTED DOOR	
⑨	30" x 7'-0"	1 HALF INTERIOR PAINTED DOOR	
⑩	30" x 7'-0"	CASE OPENING	

WINDOW SCHEDULE

⑪	47" x 5'-0"	1 HALF FIXED WINDOW	
⑫	46" x 5'-0"	1 HALF FIXED WINDOW	
⑬	31-3/4" x 5'-0"	1 HALF FIXED WINDOW	
⑭	34" x 4'-0"	1 HALF DOUBLE-HUNG WINDOW	
⑮	34" x 4'-6"	1 HALF DOUBLE-HUNG WINDOW	
⑯	34" x 5'-0"	1 HALF CASEMENT WINDOW	
⑰	34" x 5'-0"	1 HALF DOUBLE-HUNG WINDOW	
⑱	31-3/4" x 5'-0"	TRIPLE DOUBLE-HUNG TEMPERED WINDOW	
⑲	31-3/4" x 4'-6"	TRIPLE DOUBLE-HUNG TEMPERED WINDOW	
⑳	31-3/4" x 4'-6"	1 HALF DOUBLE-HUNG WINDOW	
㉑	31-3/4" x 4'-6"	1 HALF DOUBLE-HUNG WINDOW	
㉒	31-3/4" x 4'-6"	TWIN DOUBLE-HUNG WINDOW	
㉓	31-3/4" x 5'-0"	TWIN DOUBLE-HUNG WINDOW	
㉔	31-3/4" x 5'-0"	TWIN FIXED TEMPERED WINDOW	

DOOR & WINDOW NOTE

ALL WINDOWS AND DOORS TO BE SELECTED BY OWNER FROM MANUFACTURER'S STANDARD COLORS. MANUFACTURER TO BE DETERMINED BY OWNER. ALL WINDOWS AND DOORS TO BE ENERGY STAR RATED FOR THE CLIMATE ZONE. ALL DOOR AND WINDOW SIZES ARE NOMINAL.

SQUARE FOOTAGE

1ST FLOOR (TOP OF STEP WALL)	3,963
HEATED AREA	3,963
UNHEATED AREA	
TOTAL HEATED AREA	3,963
FRONT PORCH	91
REAR PORCH	194
SIDE PORCH	141
PATIO, BALCONY, GARAGE	1,045
TOTAL UNDER ROOF AREA	5,434

GENERAL FLOOR PLAN NOTES

1. ALL DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE.
2. ALL INTERIOR WALLS ARE 2x4 UNLESS NOTED OTHERWISE.
3. ALL EXTERIOR WALLS ARE 2x6 UNLESS NOTED OTHERWISE.
4. ALL DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE.
5. ALL DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE.
6. ALL DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE.
7. ALL DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE.
8. ALL DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE.
9. ALL DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE.
10. ALL DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE.

SECOND FLOOR PLAN

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

Christopher PHELPS
Inspiring Homes for Life
1230 WEST MOREHEAD ST, SUITE 202
CHARLOTTE, NC 28208
704-377-5569

SHEET A-2 / 20

PROJECT:

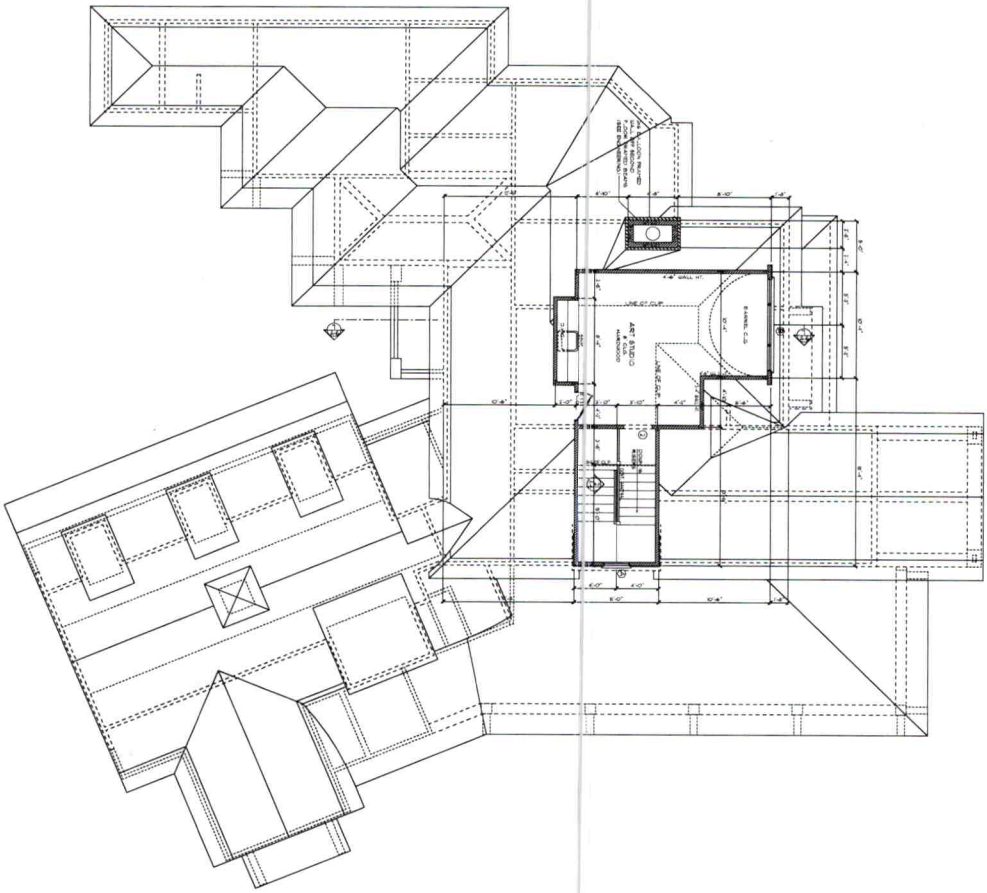
THE KAMP RESIDENCE

134 LANDOVER LANE
MOORESVILLE NORTH CAROLINA

NOTE: GENERAL CONTRACTOR TO VERIFY ALL DIMENSIONS AND ANGLES IN FIELD

REVISIONS	
DATE	MAY 8, 2019
DRAWN BY	DANIEL PEREZ / JOHN STEPHENS
APPROVED BY	
JOB NUMBER	
STATUS	

© 2019 CHRISTOPHER PHELPS HOMES
THESE PLANS AND DESIGNS ARE THE EXCLUSIVE PROPERTY OF CHRISTOPHER PHELPS HOMES AND MAY NOT BE REPRODUCED OR USED IN ANY MANNER WITHOUT THE EXPRESS WRITTEN PERMISSION OF CHRISTOPHER PHELPS HOMES.


ART STUDIO
HARDWOOD
LINE OF ROOF
LINE OF ROOF
LINE OF ROOF

WELL ABANDONMENT RECORD

This form can be used for single or multiple wells

For Internal Use ONLY: GWT SS # 84 9/17/19

1. Well Contractor Information:

Chris Player

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

4332C

NC Well Contractor Certification Number

DC Mullis Well Drilling

Company Name

2. Well Construction Permit #: 239380

List all applicable well permits (i.e. County, State, Variance, Injection, 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: 9-12-19

5a. Well location:

Luke King

Facility/Owner Name

Facility ID# (if applicable)

134 Landover Ln. Mooresville

Physical Address, City, and Zip

Iredell

County

Parcel Identification No. (PIN)

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

35.55145 N 80.95232 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#: N/A

6b. Total well depth: 305 (ft.)

6c. Borehole diameter: 6 (in.)

6d. Water level below ground surface: 35 (ft.)

6e. Outer casing length (if known): N/A (ft.)

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

6g. Screen length (if known): N/A (ft.)

WELL ABANDONMENT DETAILS

7a. Number of wells being abandoned: 1

For multiple injection or non-water supply wells ONLY with the same construction/abandonment, you can submit one form.

7b. Approximate volume of water remaining in well(s): 405 (gal.)

FOR WATER SUPPLY WELLS ONLY:

7c. Type of disinfectant used: HTH

7d. Amount of disinfectant used: 1 quart

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:

3 yards concrete

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

Excavated 3' Below grade cut off casing, filled with Concrete

8. Certification:

Signature of Certified Well Contractor or Well Owner

9-12-19

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.