IREDELL COUNTY HEALTH DEPARTMENT

KW

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 11:30

PERMIT # 230909

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

PIN # 4644378622

APPLICANT/OWNER: Thompson Env Consulting — APPLICANT ADDRESS: P.O. Box 241 Woodleaf NC 27054

SITE ADDRESS: 210 W. Paces Rd Mooresville, NC 28117 — PHONE: 704 301-4881 — ALT. PHONE

SITE DIRECTIONS: Exit 31 from I-77 to Langtree Rd go around traffic circle to Meeklyn past gate to West Paces — SAP CONTROLLED: ☐ YES ☒ NO

SUBDIVISION: West Paces — SECTION: — LOT # 8 — LOT AREA: .91 Acres — DESIGN FLOW: 480 gpd — L.T.A.R.: .3

Septic Tank: Min 1000 (gal) — STB — Date
Pump Tank: min 1000 (gal) — PT — Date
Pump Make — Model — Serial #
Nitrification Fields: 1 — # Lines: 6 — Linear Ft: 2677
Trench Width: Min 24" — Trench Bottom Depth (Low side): 36" — Gravel Depth: N/A

☒ New System ☐ Repair ☐ Expansion — System Type: I II III IV V VI
System Description: Panel Block
Repair System Description: LPPBPS
Maintenance Agreement Required: ☐ YES ☒ NO
☒ GRAVITY ☐ PRESSURE

☒ Residence — No. Bedrooms: 4
☐ Business — No. Persons: 8
☐ Other — No. Employees:
☐ Slab ☒ Crawl Space
☐ Basement w/ plumbing ☐ Basement w/o plumbing

Water Supply: ☐ Private ☐ Public ☒ Community

Comments / Conditions:

INITIAL SITE SKETCH

See attached, approved Septic plan by Thompson Environmental Consulting Inc (dated 12/23/17)

AS BUILT SKETCH

6/28/18: Tank(s) not yet installed

	Elev	PPOPS	# Panels	
L1	6'6"	44.5'	10	verified ok by laser
L2	6'4"	44.5'	10	
L3	6'3.25"	44.5'	10	
L4	5'8"	44.5'	10	Installed appear
L5	(not yet installed) 3 1/2		10	Where
L6	(not yet installed) 3 3/2		10	Permitted (16' off house)

6/29/18 Checked upper 2 lines 8.5 ft PM to Prop. line
10/16/18 - Tanks checked

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: [signature] Date: 1.22.2017

IMPROVEMENT PERMIT by: [signature] Date: 1/5/18

AUTHORIZATION TO CONSTRUCT by: [signature] Date: 1-31-18

Installed by: Specialty Septic / Jamie O'Daniel

OPERATION PERMIT by: [signature] Date: 10/17/18

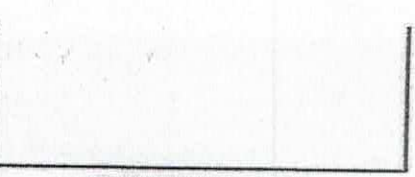
Existing System Inspected by: Date:

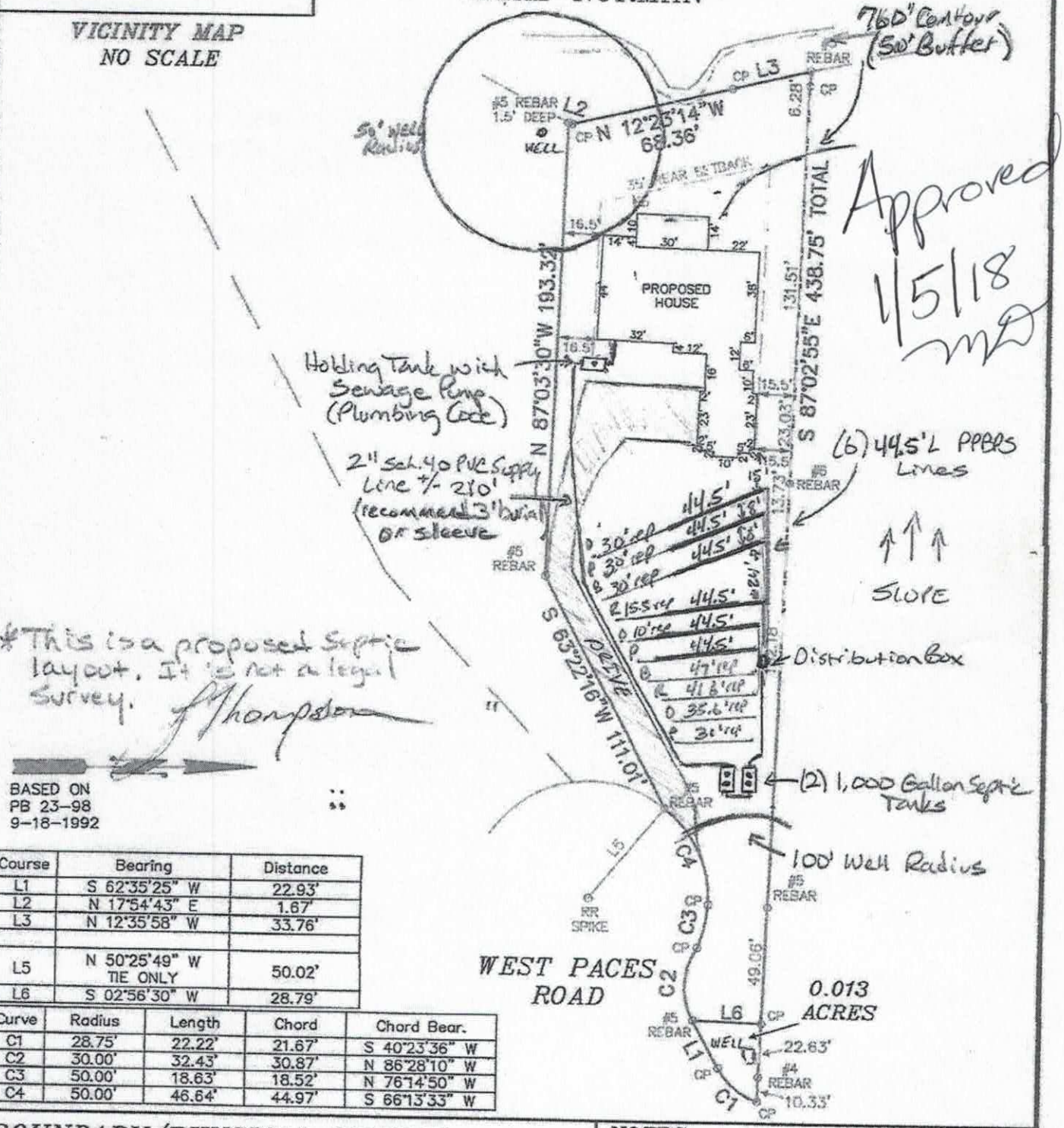
FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-9am the day the inspection is needed. Be sure to speak with an inpsector to confirm your inspection time.

LICENSE NO.

PROFESSIONAL LAND SURVEYOR

VICINITY MAP
NO SCALE





*This is a proposed Septic layout. It is not a legal survey. J Thompson

BASED ON
PB 23-98
9-18-1992

Course	Bearing	Distance
L1	S 62°35'25" W	22.93'
L2	N 17°54'43" E	1.67'
L3	N 12°35'58" W	33.76'
L5	N 50°25'49" W TIE ONLY	50.02'
L6	S 02°56'30" W	28.79'

Curve	Radius	Length	Chord	Chord Bear.
C1	28.75'	22.22'	21.67'	S 40°23'36" W
C2	30.00'	32.43'	30.87'	N 86°28'10" W
C3	50.00'	18.63'	18.52'	N 76°14'50" W
C4	50.00'	46.64'	44.97'	S 66°13'33" W

Approved 1/5/18 MD

BOUNDARY/PHYSICAL SURVEY

PROPERTY OF
RICHARD L. TIDBALL
& wf. DENISE L. TIDBALL
210 WEST PACES ROAD
LOT 8 OF WEST PACES SUBDIVISION, PB 23-98
DB 2442-2314, PIN 4644-37-8622
DAVIDSON TOWNSHIP, IREDELL COUNTY
NORTH CAROLINA
SEPTEMBER 14, 2017 Scale: 1 inch = 60 feet
REVISED: MOVED HOUSE BACK 17'. 9/18/2017

NOTES:

1. THIS PROPERTY LIES ON LAKE NORMAN.
2. AREA DETERMINED BY COORDINATE COMPUTATION.
3. CP DENOTES COMPUTED POINT, NO MONUMENT FOUND OR SET.
4. UNDERGROUND UTILITIES NOT LOCATED AS OF THIS DATE.
5. NO NCGS GRID MONUMENTS WITHIN 2000' OF SUBJECT PROPERTY.
6. ALL MONUMENTS ARE EXISTING UNLESS OTHERWISE NOTED.
7. THERE IS A 10' WIDE DRAINAGE & UTILITY EASEMENT ALONG EACH LOT LINE.

LEGEND:

PROPERTY LINE
TIE LINE
UNSURVEYED LINE
BACK OF CURB/EDGE OF PVMT.

Approved
1/5/18
MD

Plans and Specifications

A. Holding Tank and Sewage Pump

1. Waste from the residence will be plumbed to a holding tank with a sewage pump capable of passing solids (NC Plumbing Code).
2. Waste will be pumped to two 1,000-gallon septic tanks located upslope from the residence where effluent will gravity flow to individual drainlines.
3. It is recommended that the supply line from the holding tank be sleeved or buried at least 36 inches underneath the proposed driveway.

B. Septic Tanks

4. Two septic tanks will be installed in tandem upslope of the proposed drainfield.
5. The septic tanks shall be State approved (Section .1953 of 15A NCAC 18A), watertight, structurally sound, and a minimum size of 1,000 gallons in capacity.
6. The septic tanks shall be fitted with approved effluent filters.
7. It is the responsibility of the septic contractor to thoroughly inspect the septic tanks prior to accepting delivery to assure that the tank has had time to properly cure and is free of cracks or other structural deficiencies.

C. Pipe, Fittings and Supply Line

1. All discharge piping, connectors and supply lines should be made of SCH 40 PVC.
2. All joints must be properly "welded" utilizing the appropriate PVC cement for each application.

D. Distribution Method

1. The system will be fed by a distribution box adjusted for equal distribution.

E. Drainfield Installation

1. The proposed drainfield location has been marked on-site utilizing metal stemmed flags. Once this area has been approved by the county, the property owner/builder should mark this area and isolate it as much as possible from construction traffic. Prior to the system installation, the septic contractor shall contact the county for a preconstruction conference at which time the drainfield area will be re-verified.
2. Under no circumstances shall any construction take place within the drainfield area while the soil is in a wet condition. If the installer has doubts as to whether the drainfield area is dry enough to begin construction, the environmental health specialist for this area should be contacted for permission to proceed with the installation.
3. The specified system is a Type IIIe pre-fabricated permeable block panel system – specifically the 16-inch high panel system manufactured by T&J Panel Wastewater Treatment System, Patent No. 4013559; telephone: 1-800-222-2577. The installer must follow the manufacturer's guidelines for installing the T&J Panel System and

Approved 1/5/18 MD

should request an installation manual from the manufacturer prior to beginning construction.

4. The initial drainfield consists of six (6) lateral trenches, each being 2-feet wide by 44.5 feet long.
5. It is essential that the lateral trenches be constructed on contour with the land, with each trench being excavated level from beginning to end. The use of a tripod mounted engineer's level is essential to assure that each trench is constructed as level as possible.
6. The maximum trench depth for this system shall be **36 inches**. Each trench shall be placed on a minimum of 8-foot on centers.
7. Once trenches are dug, the side walls shall be raked, and a light dusting of lime applied.
8. Backfill the trench with 6 inches of sand and level to grade. Once leveled, place 1 x 4 or 6-inch boards on top of the sand the entire length of each trench. Once the grade boards have been set, the panels may be set into the trench. The panels should be placed 6 inches apart.
9. Once the panels have been set, line the top chamber of each panel with 10 – 12 pounds of clean particle sand (medium sand blasting sand). Coverage depth should be approximately 1 inch thick. *Please note that this sand is not the same material specified for backfill.*
10. Tar seal rope, or approved foam, should be placed in the "U" outs of each end of the panel to form seals. Once the tar rope is in place, the Schedule 40 PVC connectors can be added, and the seal completed by the addition of more tar rope on the top and sides of the pipe. Now that the connection and seals are complete, a block cap is placed on each end of the panel so that all openings are covered.
11. Once the panels for each trench have been installed and the top of the panels closed, the trench is ready to be backfilled to the top with the sand used in the trench bottom. At this point, the trenches should be left open for the final inspection by the county environmental health specialist.

F. Backfill

1. Backfill sand shall be clean, washed, medium sand that is naturally occurring and falls within the gradation of ASTM C-33 specification (used in the ready-mix industry and is readily available).

G. Final Landscaping

1. As previously stated, the final soil cover over the drainfield shall be a minimum of 6 inches deep.
2. The drainfield shall be shaped to shed rainwater and be free from low spots.
3. The drainfield area should be planted with grass as soon as possible to prevent erosion. The soil should be properly tilled, limed (if necessary) and fertilized prior to planting. After applying grass seed, the area should be heavily mulched with straw or other suitable material.

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H. Utility Conflicts

1. The builder and property owner must take special care in planning for water, power, gas, telephone and cable lines. These utilities shall be kept clear of all parts of the septic system and its proposed repair area. Improper planning for underground utilities can negatively impact the installation and, in some cases, cause irreparable damage and permit revocation. If there are any questions regarding preferred routes, contact ICEH as soon as possible.
2. Lawn irrigation should not be placed over the drainfield area.

Maintenance

I. In General

1. The homeowner must maintain the drainfield area through periodic mowing. The drainfield must not be allowed to become overgrown.
2. The septic tank should be pumped every 4 years or when the solids within the septic tank reach an elevation that is equivalent to 25 percent of the volume of the tank. In some situations, the tanks may need to be pumped more frequently. If using a garbage disposal, it is recommended that the homeowner has the septic and pump tanks cleaned out annually.
3. When it becomes necessary to clean the effluent filter, the filter should be removed, and the accumulated debris washed back into the septic tank – not onto the lawn.
4. Any damp areas, leakages or malfunctions in the drainfield area should be addressed immediately.
5. Divert gutter downspouts and surface water runoff away from the septic and pump tanks.

Design Specifics

Daily Design Flow:	480 GPD (4-bedroom house)
Holding Tank and Sewage Pump:	Yes - NC Plumbing Code
Septic Tanks:	(2) 1,000 gallons (minimum)
Effluent Loading Rate:	Design = 0.3 GPD per sq. ft.
Drainfield Type:	PPBPS
Distribution Method:	Distribution Box
Number of Drainlines:	6
Drain Lines:	(6) 3' Wide x 44.5 Feet Long

Total Trench Length:	267 Linear Feet
Number of Panels per Line:	10
Total Number of Panels:	60
Maximum Trench Depth:	36 inches
Final Cover Requirement:	6 inches (minimum)

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1/5/18
MD

Proposed Repair System

Repair System Type:	Gravity Fed PPBPS
Repair System LTAR:	0.3 gpd/ft^2
Total Length of Repair Lines Required:	267 Linear Feet
Total Length of Repair Lines Available:	270+ Linear Feet
Maximum Repair Trench Depth:	36 Inches

*See attached septic layout for more specifics.

Approved 1/5/18

PPBPS Design Worksheet							File #:	
							Tax #:	4664378622
System Requirements							Address:	Lot 8 - West Paces
Design Flow	480	gpd						210 West Paces Road
LTAR	0.300	gpd/ft.^2					Consultant:	Larry Thompson
Linear footage	533	ft. (conventional)					Phone:	704-301-4881
Linear footage	267	ft. (50% Reduction)						
							Reviewed By:	
Design Layout							Date:	
Laterals	Length (ft)	# Panels						
Line # 1	44.5	10						
Line # 2	44.5	10						
Line # 3	44.5	10						
Line # 4	44.5	10						
Line # 5	44.5	10						
Line # 6	44.5	10						
Totals	**267**	**60**						
Absorption Area								
Length (ft)	Width (ft)	Area (ft^2)						
267	2	534						
Comments:								
1. Install system using 2 ft. wide trenches.								
2. Install drainlines on 8 ft. centers, level, and on contour.								

T & J Panels	
Linear Feet	# Panels
50	11
60	14
70	16
80	18
90	21
100	23

Thompson Environmental Consulting, Inc.
PO Box 241
Woodleaf, NC 27054

Approved
1/5/18 MD

Sheet 1 of 1
PROPERTY ID #: 4624378422
COUNTY: Iredell

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

OWNER: Richard and Denise Tidball
ADDRESS: PO Box 156 Pisgah, NC 28768
PROPOSED FACILITY: Residence
LOCATION OF SITE: 210 West Pisgah Road
APPLICATION DATE
DATE EVALUATED: 6/22/16
PROPOSED DESIGN FLOW (.1949): 480
PROPERTY SIZE: 0.696 ac
PROPERTY RECORDED:

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

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .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	LS 4%	0-9	sbk/cl	fi/ss/sp/se		48"			S 0.3
		9-48+	sbk/c	fi/ss/sp/se					
2	LS 4%	0-7	sbk/cl	fi/ss/sp/se		48"			S 0.3
		7-48+	sbk/c	fi/ss/sp/se					
3	LS 4%	0-11	sbk/cl	fi/ss/sp/se		48"			S 0.3
		11-48+	sbk/c	fi/ss/sp/se					
4	LS 4%	0-9	sbk/cl	fi/ss/sp/se		48"			S 0.3
		9-48+	sbk/c	fi/ss/sp/se					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	100%	100%
System Type(s)	PPBPS	PPBPS
Site LTAR	0.3	0.3

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: L. Thompson, LSS
OTHER(S) PRESENT:

COMMENTS:

Thompson Environmental Consulting, Inc.
PO Box 541
Midland, NC 28107

Property ID: 4664378622
Lot #:

Approved
1/5/18
MD

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Richard and Denise Tidball
Applicant:
Address: PO Box 156, Presto, PA 15142
Date Evaluated: 12/18/2017
Proposed Facility: Residence Design Flow (.1949) 480 GPD
Property Size: 0.696 acre
Location of Site: 210 West Paces Road, Mooresville, North Carolina
Property Recorded:
Water Supply: [ ] Public [X] Individual [X] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [X] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
1	LS 4%	0-3	SBK/CL	FR/NS/NP/NE	N/A	48+"	N/A	N/A	S 0.3
		3-22	SBK/C	FI/SS/SP/SEXP					
		22-46	SBK/C	FI/SS/SP/SEXP					
		46+	SBK/CL	FI/SS/SP/SEXP					
2	LS 4%	0-3	SBK/CL	FR/NS/NP/NE	N/A	48+"	N/A	N/A	S 0.3
		3-24	SBK/C	FI/SS/SP/SEXP					
		24-44	SBK/C	FI/SS/SP/SEXP					
		44+	SBK/CL	FI/SS/SP/SEXP					
3	LS 4%	0-3	SBK/CL	FR/NS/NP/NE	N/A	48+"	N/A	N/A	S 0.3
		3-30	SBK/C	FI/SS/SP/SEXP					
		30-46	SBK/C	FI/SS/SP/SEXP					
		46+	SBK/CL	FI/SS/SP/SEXP					
4	LS 4%	0-3	SBK/CL	FR/NS/NP/NE	N/A	48+"	N/A	N/A	S 0.3
		3-28	SBK/C	FI/SS/SP/SEXP					
		28-43	SBK/C	FI/SS/SP/SEXP					
		43+	SBK/CL	FI/SS/SP/SEXP					
5	LS 4%	0-3	SBK/CL	FR/NS/NP/NE	N/A	48+"	N/A	N/A	S 0.3
		3-38	SBK/C	FI/SS/SP/SEXP					
		38-50	SBK/C	FI/SS/SP/SEXP					
		50+	SBK/C	FI/SS/SP/SEXP					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	PPBPS	PPBPS
Site LTAR	0.3	0.3

Other Factors (.1946):
Soil Evaluation By: Larry Thompson, LSS
Others Present:
Site Classification (.1948): Suitable
Site Evaluation By:
Others Present:

RECEIVED JAN 28 2018

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
( ) 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: ALAN SIMONINI HOMES, LLC **Address:** PO BOX 1546 CORNELIUS NC **Zip:** 28031

Applicant Email: ADAM@SIMONINI.COM **Phone:** 704.333.8999 **Alt. Phone:** _____

Owner Name: RICK TIDBALL **Address:** PO BOX 156 PRESTEO **Zip:** 15142

Owner Email: _____ **Phone:** 412.860.7079 **Alt. Phone:** _____

Property Information:

Street Address: 210 WEST PACES ROAD MOORESVILLE NC 28117

Subdivision Name: WEST PACES **Section/Phase:** _____ **Lot Number:** 8

Driving Directions: FROM STATESVILLE: I-77S TO EXIT 31; TURN LEFT ONTO LANGTREE ROAD; RIGHT ONTO MECKLYNN ROAD; MECKLYNN BECOMES WEST PACES; LOT 8 IS LOCATED ON THE RIGHT IN THE CUL-DE-SAC

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: 2 — ( ) Concrete Slab Foundation
( ) Accessory Building — ( ) Swimming Pool — ( ) Basement with Plumbing
( ) 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: _____

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 (X) 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: Adam J Bailey 01.23.2018
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

CALL prior to insp

Gate #9603 Used 10-10-'30 11/29/17

RECEIVED OCT 16 2017

Paid $100.00 site Paid $350.00 revisit #230909

IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

APPLICATION FORM

Application For: ( ) 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) Thompson Environmental Consulting, INC.

Applicant Name: ~~Richard + Denise Tidwell~~ Address: PO Box 156, Presto, PA Zip: 15142
Applicant Email: larry.thompson.alternate@gmail.com Phone: 412-539-0048 Alt. Phone: 704-301-4881 Larry cell
Owner Name: Richard & Denise T. Tidwell Address: PO Box 156 Presto, PA 15142 Zip:
Agent & Owner Email: larry.thompsonalternate@gmail.com Phone: 704-301-4881 Alt. Phone:

Property Information: ~~464479668.115~~ 464378622

Street Address: 210 West Paces Road, Mooresville, NC 28117

Subdivision Name: West Paces Section/Phase: Lot Number: 8

Driving Directions: From Statesville, take I-77S to Exit 31. (E) onto Langtree Rd. Right onto Mecklyn. Straight onto West Paces. Lot on (R) in cul-de-sac.

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: 4
Maximum Number of Occupants: 8
( ) Swimming Pool
( ) Other Addition/Structure:

CHECK FOUNDATION TYPE
(✓) 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 (✓) 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: PTBRS

Please answer the following to the best of your ability:
( ) Yes (✓) 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: _____ 13-Oct-17
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

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.

I, RICHARD TIDBALL, am the legal owner(s) of the property located at 210 WEST PACES ROAD MOORESVILLE NC, identified as PIN (Parcel Identification Number) 4644378622.000, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) JOHN TAMMARO, ALAN SIMONINI HOMES, 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.

Denise L. Tidball 12-2018 — 1-12-18

Signature of Owner(s) Date Signature of Witness Date

Please return this signed form to the appropriate office:

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 DEPARTMENT OF ENVIRONMENTAL HEALTH

DOCUMENTATION TO AUTHORIZE AN OWNER'S LEGAL REPRESENTATIVE

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.

I, Richard Tidball, am the legal owner(s) of the property located at 210 West Pare Rd, Mooresville, NC identified as PIN (Parcel Identification Number) 4664378622, located in Iredell County, North Carolina.

I do hereby authorize **(print legal representative/company name)** Larry Thompson, Thompson Environmental Services, 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.

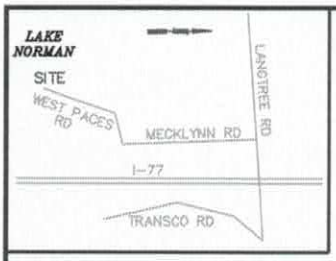
Signature of Owner(s)	Date	Signature of Witness	Date
	13-OCT-2017		13-OCT-2017

Please return this signed form to the appropriate office:

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

Call Larry Thompson for PITs.
704-301-4881 Cell



VICINITY MAP
NO SCALE

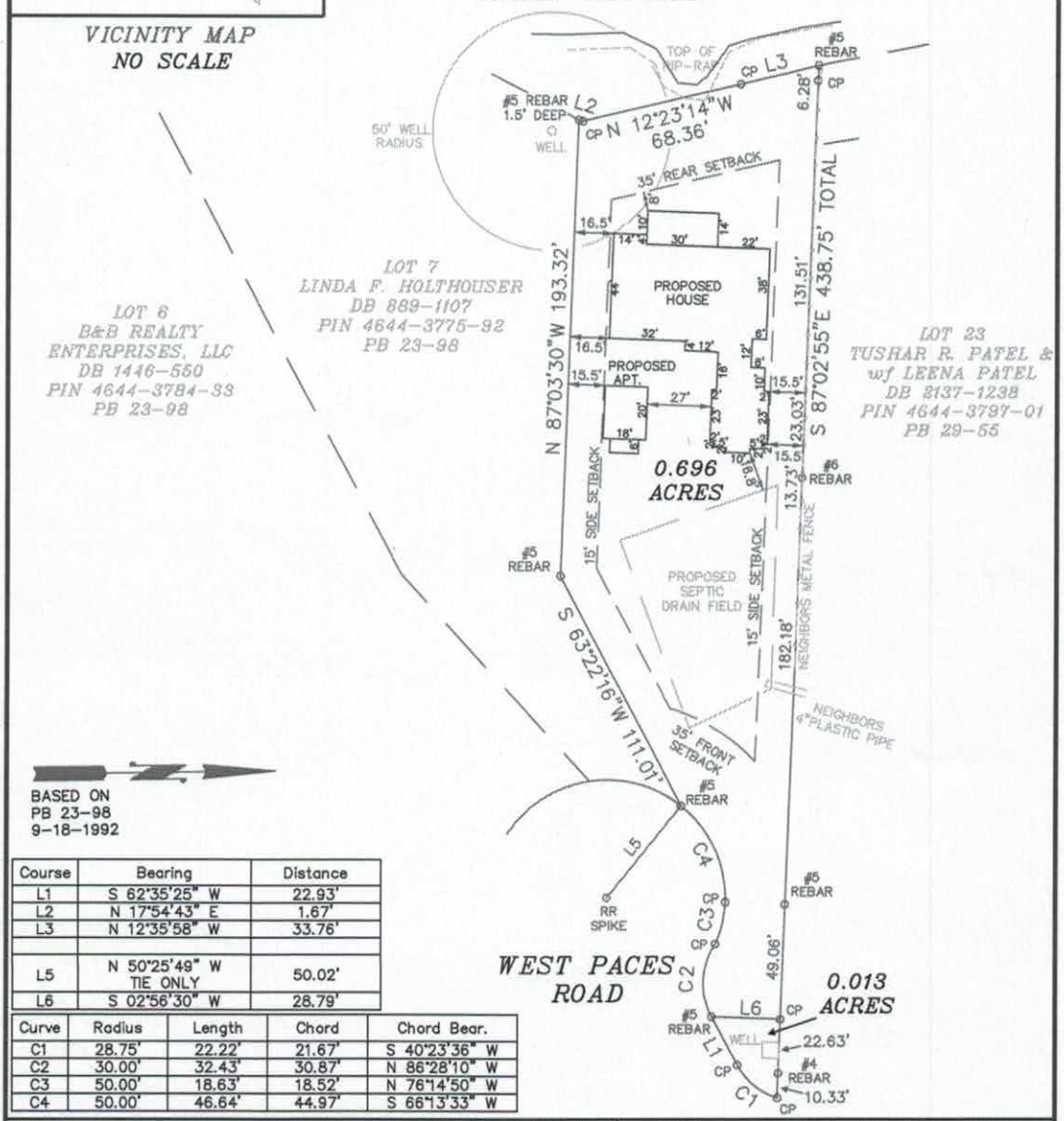
I, RUFUS JACKSON LOVE CERTIFY THAT THIS MAP WAS DRAWN FROM ACTUAL SURVEY UNDER MY DIRECT SUPERVISION, THAT THE RATIO OF PRECISION IS 1:10,000+ BEFORE ADJUSTMENTS; AND THAT THE ANGULAR ERROR WAS < 7.5 SECONDS PER TURN.

WITNESS MY HAND AND OFFICIAL SEAL THIS _____ DAY OF _____

PRELIMINARY

N.C.P.L.S. L-2844
LICENSE NO.

PROFESSIONAL LAND SURVEYOR



BASED ON
PB 23-98
9-18-1992

Course	Bearing	Distance
L1	S 62°35'25" W	22.93'
L2	N 17°54'43" E	1.67'
L3	N 12°35'58" W	33.76'
L5	N 50°25'49" W TIE ONLY	50.02'
L6	S 02°56'30" W	28.79'

Curve	Radius	Length	Chord	Chord Bear.
C1	28.75'	22.22'	21.67'	S 40°23'36" W
C2	30.00'	32.43'	30.87'	N 86°28'10" W
C3	50.00'	18.63'	18.52'	N 76°14'50" W
C4	50.00'	46.64'	44.97'	S 66°13'33" W

BOUNDARY/PHYSICAL SURVEY

PROPERTY OF
RICHARD L. TIDBALL
& wf. DENISE L. TIDBALL
210 WEST PACES ROAD
LOT 8 OF WEST PACES SUBDIVISION, PB 23-98
DB 2442-2314, PIN 4644-37-8622
DAVIDSON TOWNSHIP, IREDELL COUNTY
NORTH CAROLINA
SEPTEMBER 14, 2017

REVISED: MOVED HOUSE BACK 17'. 9/18/2017 REVISED: ADD PROPOSED SEPTIC DRAINFIELD 12/18/2017
REVISED: STAIR DIMENSIONS. 9/25/17
REVISED: MOVED HSE. BACK TO 8' FROM 35' SB LINE. 9/25/17
FILE NAME: TIDBALL-RICHARD-9-14-17

60 0 60 120 180

GRAPHIC SCALE – FEET 1" = 60'

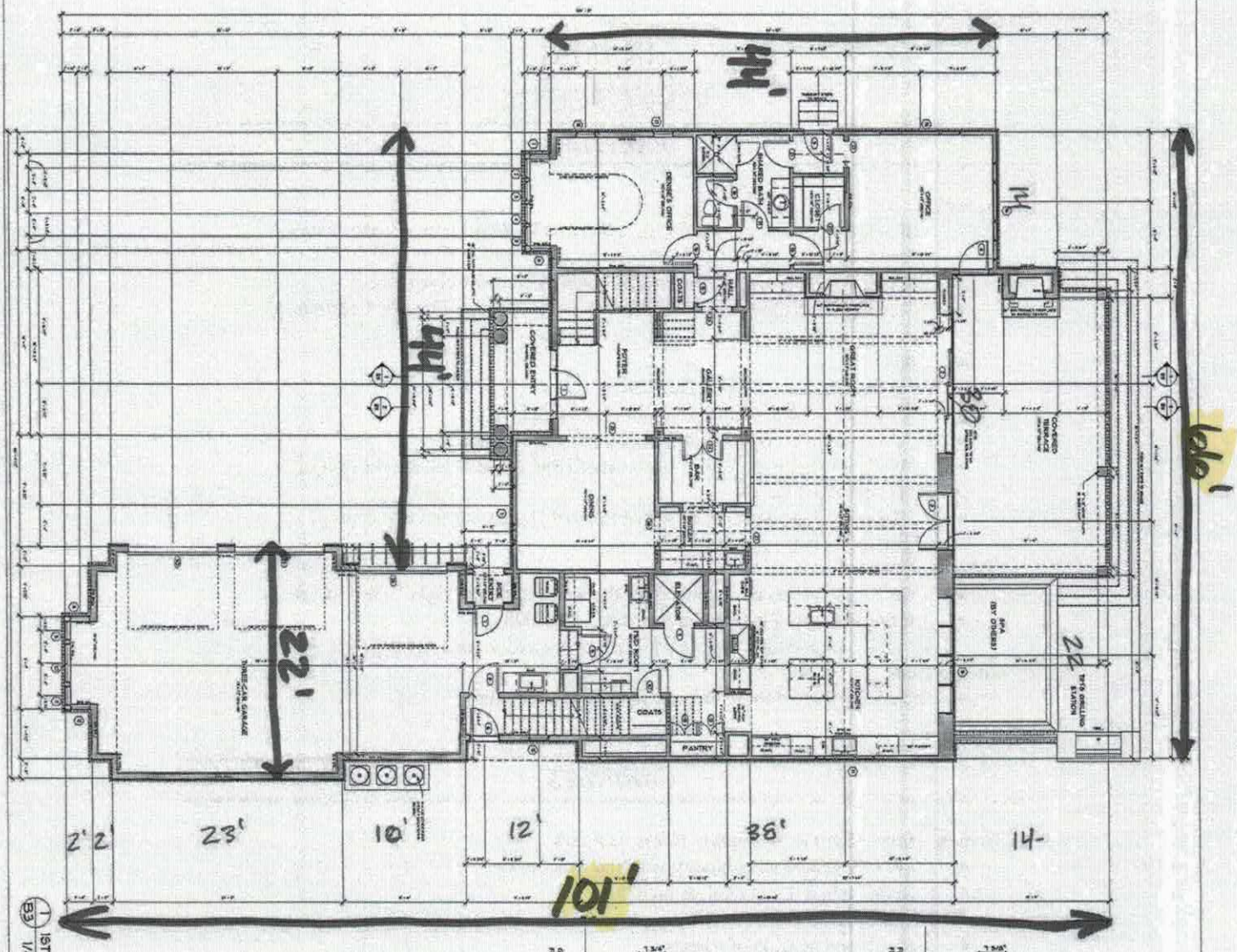
NOTES:

1. THIS PROPERTY LIES ON LAKE NORMAN.
2. AREA DETERMINED BY COORDINATE COMPUTATION.
3. CP DENOTES COMPUTED POINT, NO MONUMENT FOUND OR SET.
4. UNDERGROUND UTILITIES NOT LOCATED AS OF THIS DATE.
5. NO NCGS GRID MONUMENTS WITHIN 2000' OF SUBJECT PROPERTY.
6. ALL MONUMENTS ARE EXISTING UNLESS OTHERWISE NOTED.
7. THERE IS A 10' WIDE DRAINAGE & UTILITY EASEMENT ALONG EACH LOT LINE.

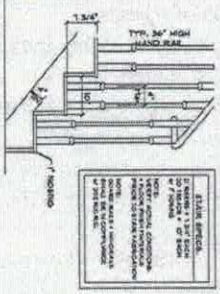
LEGEND:

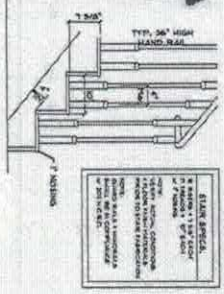
- PROPERTY LINE
- TIE LINE
- UNSURVEYED LINE
- BACK OF CURB/EDGE OF PVMT.
- SETBACK LINE
- CP COMPUTED POINT
- PP POWER POLE

PYRAMID LAND SURVEYING PA C-1341
P.O. BOX 11 DAVIDSON, NORTH CAROLINA
(704)892-4249 RUFUS JACKSON LOVE L-2844



Acknowledgement Of
Plans Submittal ONLY!
Date 1-31-18
Date





FIRST FLOOR WINDOW SCHEDULE

FIRST FLOOR DOOR SCHEDULE

GENERAL FLOOR PLAN NOTES

DOOR & WINDOW NOTE

B3

JANUARY 19, 2018

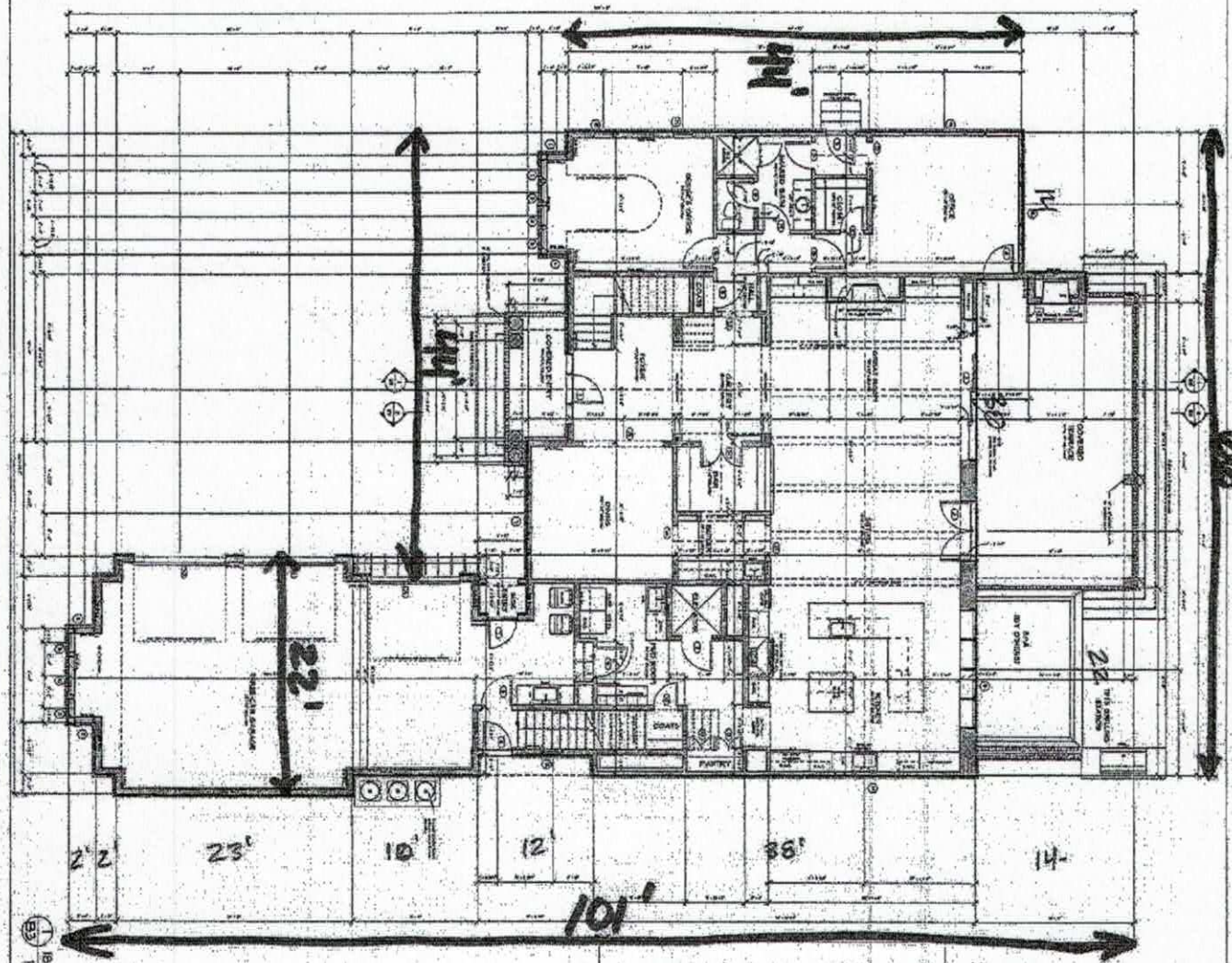
SMITH | SLOVIK
residential design group
Troy S. Smith 704.841.3344
Dave Slovik 704.965.9819
301 S. Tremont Ave. Suite 102
Charlotte, NC 28203
www.SmithSlovik.com

PROJECT:

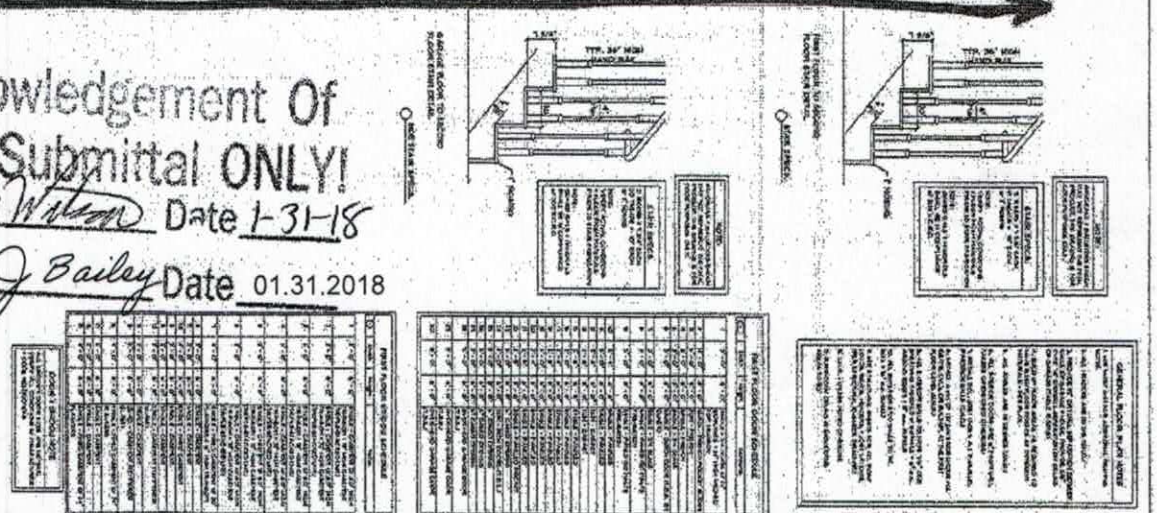
TIDBALL RESIDENCE

210 WEST PLACES ROAD
IN
MORESVILLE, NORTH CAROLINA

SIMONINI



Acknowledgement Of
Plans Submittal ONLY!
Date 1-31-18
Date 01.31.2018

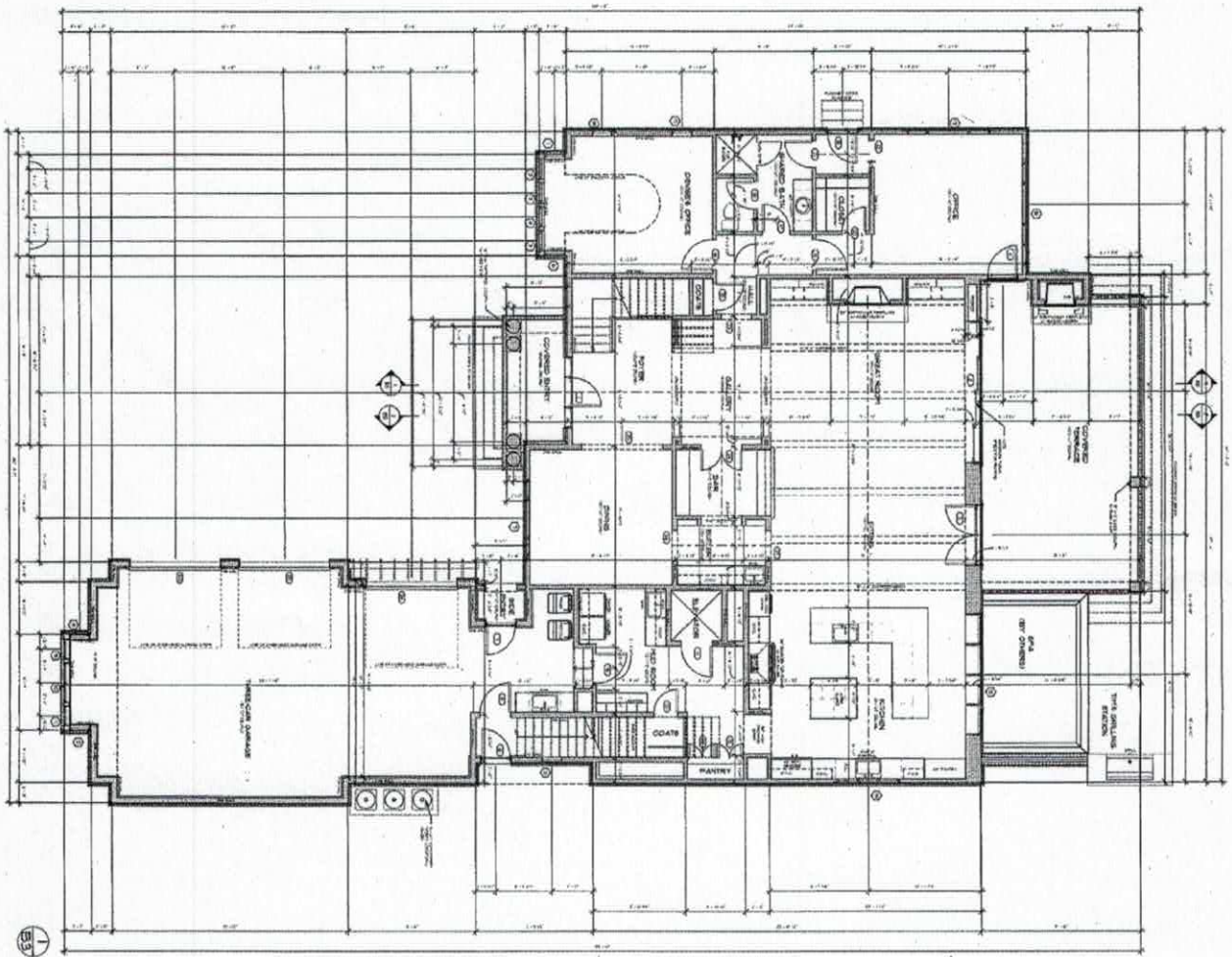


B3

SMITH | SLOVIK
residential design group

PROJECT:
TIDBALL RESIDENCE
210 WEST PLACES ROAD
IN
MORESVILLE, NORTH CAROLINA

SIMONINI

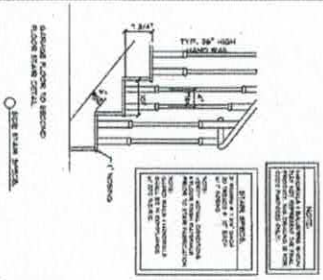


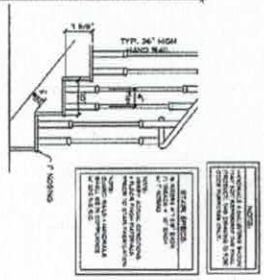
1 B3 1ST FLOOR
1/4" = 1'-0"

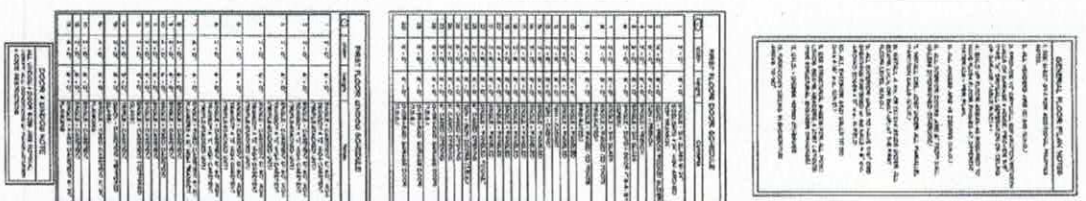
Acknowledgement of
Plans Submittal ONLY!

Date 1-31-18

Adam J Bailey 01.23.2018







B3

JANUARY 5, 2018

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TIDBALL RESIDENCE
210 WEST PLACES ROAD
IN
MORESVILLE, NORTH CAROLINA

SIMONINI

ININOWIS

TIDBALL RESIDENCE
210 WEST PLACES ROAD
IN
MORESVILLE, NORTH CAROLINA

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B4

01.23.2018

Acknowledgement of
Plans Submittal ONLY!

Date 1-31-18

Date

1 2ND FLOOR
B4 1/4" = 1'-0"

IREDELL COUNTY

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

APPLICATION NUMBER
230909
Issue Date: 10/16/2017

ZONING PERMIT

Open Space

Parcel Number	Street Address	Jurisdiction
4644378622.000	210 WEST PACES ROAD, MOORESVILLE, NC	IREDELL COUNTY

Owner Information	Applicant Information
Owner: HOLTHOUSER CLEMENT M+PAMELA	Applicant: THOMPSON ENVIRONMENTAL
Address: 20719 WILLOW POND RD CORNELIUS, NC 28031	Address: LARRY THOMPSON, REHS, PWS, LSS PO BOX 541 MIDLAND, NC 281070541
Phone:	Phone: 704-301-4881

Use Requested	Zone Code
	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
.710	35.00	50.00	15.00	15.00	CACL	AE

Remarks:

BACK SET BACK IS 50 FEET FROM THE 760 LINE OR 35 FEET FROM THE BACK PROPERTY LINE WHICHEVER IS FARTHEREST FROM THE WATERS EDGE.

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	117964	TOTAL FEES:	$ 77.25