

# IREDELL COUNTY HEALTH DEPARTMENT

KW

Statesville Office (704) 878-5305

Mooreville Office (704) 660-3625

PERMIT # 220629  
PIN # 4627-87-9146

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

APPLICANT/OWNER: Tifa APPLICANT ADDRESS: P.O. Box 3126 (Wakarusa) ALI. PHONE: 704-634-1191

SITE ADDRESS: 106 Norcross Ln. Mooreville NC 28117 PHONE: 704-201-6705 ALT. PHONE: 704-634-1191

SITE DIRECTIONS: RT 150 W from Mooreville → L on Quiet Cove → R on Green Bay → L on Nursery → 1st app CONTROLLED:  YES  NO

SUBMISSION: CLRT SECTION: 10 LOT # 2 LOT AREA: 1.18 acres DESIGN FLOW: 490 GPD L.I.A.R.: 0.275

Septic Tank	1000 (gal)	SIB	1012	Date	8-20-17	<input checked="" type="checkbox"/> New System	<input type="checkbox"/> Repair	<input type="checkbox"/> Expansion	System Type: <input checked="" type="checkbox"/> I <input type="checkbox"/> II <input type="checkbox"/> III <input type="checkbox"/> IV <input type="checkbox"/> V	<input checked="" type="checkbox"/> Residence	No. Bedrooms	4	<input checked="" type="checkbox"/> Water Supply
Pump Tank	A-00 (gal)	PT		Plate	5-17-15	<input type="checkbox"/> System Description: 25% Reduction (Pressure Maint. to W)	<input type="checkbox"/> Drip	<input type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> Business	No. Persons	8	<input checked="" type="checkbox"/> Private
Pump Make	Wepac/Model			Serial #	61303319	Maintenance Agreement Required:	<input type="checkbox"/> GRANTY	<input checked="" type="checkbox"/> PRESSURE	<input type="checkbox"/> NO	<input type="checkbox"/> Other	No. Employees		<input type="checkbox"/> Public
# Nitrification Fields	0	# Lines	5	Linear Ft.	444		<input type="checkbox"/> GRANTY	<input checked="" type="checkbox"/> PRESSURE	<input type="checkbox"/> NO	<input type="checkbox"/> Crawl Space			<input type="checkbox"/> Community
Trench Width	36"	Trench Bottom Depth (low side)	22"	Gravel Depth			<input type="checkbox"/> GRANTY	<input checked="" type="checkbox"/> PRESSURE	<input type="checkbox"/> NO	<input type="checkbox"/> Basement w/ plumbing			<input type="checkbox"/> Basement w/o plumbing

Comments/Conditions: Use 1/2" SCH-80 for lines # 1 + 5 (92' each) and 3/4" SCH 40 Taps for each other line (# 2, 3, 4 and 4) 100' each. Recommend setting floats to dose

See attached plan (approved 11/20/2017) with tanks located ~50 feet from existing house)

System no more than 200 gallons per pumping event. Recommended pumping septic tank every 3-5 years.  
11/28/17 Checked tanks & drain lines & supply line installed as drawn

**Authorization to Construct FOR SEPTIC FINAL INSPECTION**

Item	Date	Initials
Drain Lines Checked & Supply Line	11/28/17	MD
Tanks Checked	11/28/17	MD
Pressure Manifold or Valve Box Checked	1/26	BJB
Pressure Head Set	1/26	
Electrical Checked	1/26	
Floals Set	1/26	
Alarm Checked	1/26	
Maintenance Contract Y/N		
Comments:		

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 conditions  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: 11/21/2017 (initialed by: Steve Jordan)

IMPROVEMENT PERMIT by: [Signature] Date: 11/20/2017 OPERATION PERMIT by: [Signature] Date: 1/26/2018

AUTHORIZATION TO CONSTRUCT by: [Signature] Date: 11/20/2017 Existing System Inspected by: [Signature] Date: 1/26/2018

FOR SEPTIC FINAL INSPECTION: CALL 704-664-3703 between 8am-5pm the day the inspection is needed. Be sure to speak with an inspector to confirm your inspection time.



# SOIL/SITE EVALUATION

(Continuation Sheet)

Sheet 1 of 3

DEPARTMENT OF ENVIRONMENT  
AND NATURAL RESOURCES  
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: 4627879146  
DATE OF EVALUATION: 4/10/17  
COUNTY: Wake

*Randy Reese / 106 Norcross Lane, Mooresville NC*  
28117

PROFILE #	.1940 LANDSCAPE POSITION/SLOPE %	HORIZ ON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/TEXTURE	.1941 CONSISTENCE/MINERALOGY	.1942 SOIL WETNESS/COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
B1	4/15%	0-12	Bs1 sr	FrSSSPSEXP		12"	-	12"	UN
		12"	AR						
B2	4/18%	0-20	Bs1 sr	FrSSSPSEXP	-msap ind c.wk	30"	-	35"	PS-35 Need fit 0.25
		20-35	Ry sct wdk sbk	FrSSSPSEXP					
		30-35	variegts mass	u u u u					
		35"	AR						
B3	4/20%	0-8	Bs1 sr	FrSSSPSEXP	-fsap	4/8	-	-	PS 0.3
		8-13	Bxcl w sbk	u u u u					
		13-30	Rc w sbk	u u u u					
		30-48	Ry cl w sbk	u u u u					
B4	4/22%	0-13	Bs1 sr	FrSSSPSEXP	-fsap	4/8	-	-	PS 0.215- 0.3
		13-20	BRcl w sbk	u u u u					
		20-48	Rc wmsbk	u u u u					
B5	4/20%	0-18	Bs1 sr	FrSSSPSEXP	-c.wk (surface) -f.wk -c.sap	29"	-	-	PS-29 0.1- 0.125 DIP
		18-29	BRc wmsbk	Fr s p seXP					
		29	AR						

COMMENTS:

# SOIL/SITE EVALUATION

(Continuation Sheet)

Sheet 2 of 3

DEPARTMENT OF ENVIRONMENT  
AND NATURAL RESOURCES  
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: 4627879146  
DATE OF EVALUATION: 4/12/12  
COUNTY: Franklin

*Randy Roeger*

P R O F I L E  #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZ ON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
B 6	4/15%	0-26	Bsl gr	FrSSSPSEXP	f.c. incl. c. wk frags & sap c. wk hard.	26"	UN	-	PS-26  0.15-2 drip
		26-29	varieg ls mass	Fr NS NP WEXP					
B 7	4/10%	0-12	Bsl gr	FrSSSPSEXP	f-c sap	48	-	-	PS  0.275
		12-16	BRcl wfsbk	u u u u					
		16-40	Rc wmsbk	u u u u					
		40-48	Rtcl wfsbk	u u u u					
B 8	4/18%	0-18	Bsl gr	FrSSSPSEXP	-msap f.c. incl.	36	PS	-	PS  0.25- .275 Need pH
		18-33	Rc wmsbk	FrSSPSEXP					
		33-36	Rcl wmsbk	FrSSSPSEXP					
		36-48	varieg ls mass	u u u u					
B 9	4/17%	0-19	Bsl gr	FrSSSPSEXP	f-c sap	23"	-	23"	PS-23  0.125 drip
		19-23	BRcl wfsbk	u u u u					
		23	AR						
B 12	4/12%	0-18	Bsl gr	FrSSSPSEXP		18"	-	18"	UN
		18"	AR						

COMMENTS:

# SOIL/SITE EVALUATION

(Continuation Sheet)

Sheet 2 of 3

DEPARTMENT OF ENVIRONMENT  
AND NATURAL RESOURCES  
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: 4627879146  
DATE OF EVALUATION: 4/10/12  
COUNTY: Fredell

Randy Reece

P R O F I L E #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZ ON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
B 11	L/22%	0-30	Bsl gr	FrSSSPSEXP	f-cwr	36"	PS	42"	PS-36 0.25 Hard Pit
		30-36	Rc wmsbk	FSPSEXP	f-csap wr				
		36-42	varieg silmess	FrSSSPSEXP					
		42"	AK						
B 12	L/20%	0-12	Bsl gr	FrSSSPSEXP		48"	PS	-	PS 0.3
		12-30	Rc wmsbk	" " " "					
		30-42	Ry cl wfsbk	" " " "	f-sap				
		42-48	Ry l wfsbk	" " " "	m-sap				
B 13	L/20%	0-18	Bsl gr	FrSSSPSEXP		23	?	-	PS-23 0.125 Dr. p Hard Pit sap
		18-23	Rbc l wsbk	" " " "	f-sap/wr				
		23-41	varieg silmess	F-H SS SPSEXP	cwr (quartz vein)				
		41	AK						
B 14	L/25%	0-10	Bsl gr	FrSSSPSEXP		48"	-	-	PS 0.275
		10-20	Rbc l wsbk	" " " "					
		20-30	Rbc wsbk	" " " "	f-sap				
		30-48	Ry cl wsbk	" " " "	m-sap				
B 15	L/23%	0-10	Bsl gr	FrSSSPSEXP		48"	-	-	PS 0.3
		10-15	YB cl wsbk	" " " "					
		15-29	Rc mfsbk	" " " "	f-sap				
		29-48	Ry cl wfsbk	" " " "	c-sap				

COMMENTS:



IREDELL COUNTY HEALTH DEPARTMENT ENVIRONMENTAL HEALTH DIVISION

(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)

Paid \$105.00 Ltr Relay.

#220629

1. APPLICATION FOR:  Improvement Permit  Authorization To Construct  Existing System Inspection

2. 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
Custom Site Plan, Scaled no more than 1 Inch = 60 Feet

3. Applicant Information:

Titan Applicant Name P.O. Box 3126 Mailing Address 704-201-6705 Home Phone # Alternat Phone #
Raymond May Owner Name Mailing Address 704-634-1171 Home Phone # Alternat Phone #

4. Property Information:

106 Norcross Street Address CL5T S10 Subdivision Name 2 Section/Phase and Lot Number
Driving Directions: 150 Lt on Quiet Cove Rt on Greenbay
Norcross on left

5. RESIDENTIAL Site Development Information: (Check or Complete ALL that apply)

[X] New, Single Family Residence Maximum Number of Bedrooms 4 ( ) Crawl Space Foundation?
( ) New, Multi-Family Residence Maximum Number of Occupants ( ) Concrete Slab Foundation?
( ) Expansion of Existing Septic System If Expansion, Current Number of Bedrooms (X) Basement w/Plumbing?
( ) Repair To Failing Septic System due to ( ) Basement w/out Plumbing?
( ) Other

IF Non- Residential Site Development: Type of Business
Square Footage of Building
Maximum Number of Employees
Maximum Number of Seats

6. Proposed Water Supply:

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

7. Desired Septic System Type: (You may rank in order of preference, if any) ( ) EXISTING SYSTEM installed Year

( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional [X] Other 25%

8. Please Answer The Following ( ) Yes ( ) No Does the site contain any jurisdictional wetlands?
To The Best of Your Ability: ( ) Yes ( ) No Is any non-domestic sewage (i.e. industry) 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.

9. Signature: [Signature]
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

11/13/2017 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, Raymond May, am the legal owner(s) of the property located at 106 Norcross Ln. Mooresville, NC 28117, identified as PIN (Parcel Identification Number) 4627879146, located in Iredell County, North Carolina.

I do hereby authorize (print legal representative/company name) Roger Hand, Titan Custom Builders, 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 3-24-17

Signature of Witness Date 3/24/2017

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

IREDELL COUNTY HEALTH DEPARTMENT ENVIRONMENTAL HEALTH DIVISION:

SITE PLAN WORKSHEET

SEE THE "SAMPLE SITE PLAN" BELOW. *INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM PERMIT!!!*

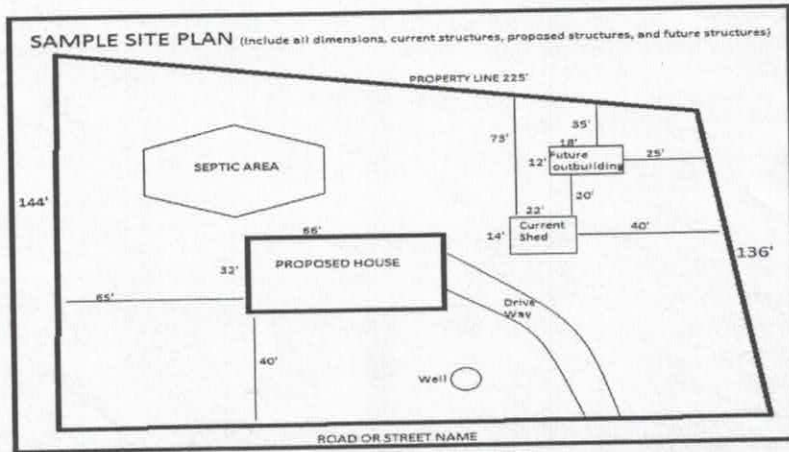
Place an (X) beside each item as you complete the site plan:

Property Line measurements are clearly identified...  All proposed structures are indicated...

*SHOW: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site*  
 Front and side setbacks from property line...  Preferred driveway location and configuration, preferred well location...  
 Area you prefer your septic system to be placed...  North arrow, or other sufficient indicator of direction...

Circle N/A on the following if appropriate:

Location of septic systems and wells within 100' of your property... N/A  
 Location of easements and rights of ways on your property... N/A  Location of any designated wetlands on the property... N/A



USE THIS SPACE TO DRAW YOUR SITE PLAN

SEE ATTACHED

*[Handwritten signature]* 11/13/2017

Signature:

*[Handwritten signature]*  
\_\_\_\_\_  
REQUIRED property owner or owner's legal representative signature.

DATE

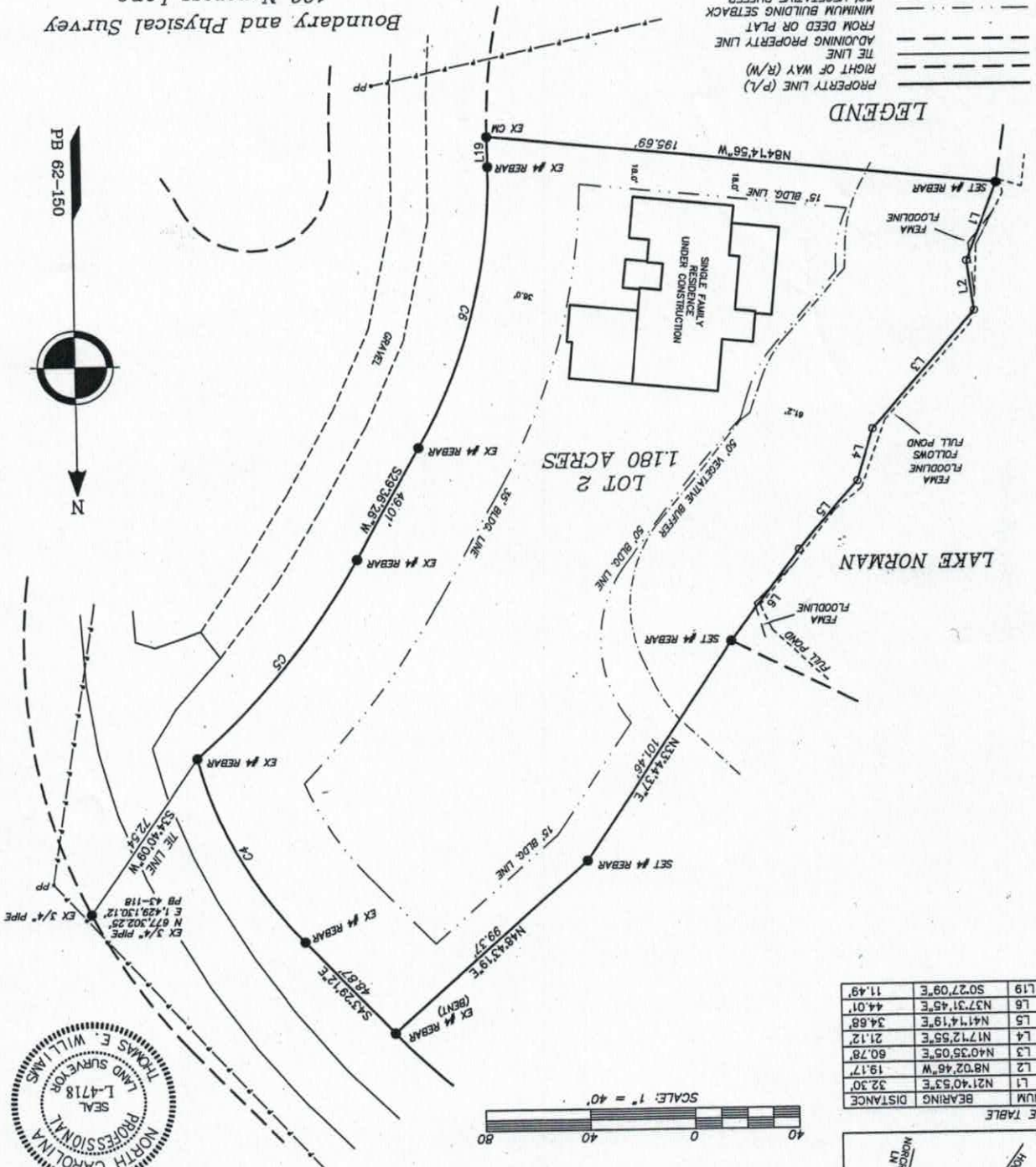
Property of: Raymond & Heath May  
 PIN 4627-87-9146 ~ DB 2474-769 ~ PB 62-150  
 Davidson Township, Iredell County, NC

Williams Land Surveying, Inc.  
 License Number C-3638  
 274 Baymount Drive, Statesville, NC 28685  
 Phone (704) 870-3998 ~ email: runnings@williamsland.com

Boundary and Physical Survey  
 106 Norcross Lane  
 DIVISION OF SECTION 10 LOT 1146  
 CRESENT LAND AND TIMBER CORP.  
 LOT 2

**LEGEND**

---	PROPERTY LINE (P/L)
---	RIGHT OF WAY (R/W)
---	THE LINE
---	ADJOINING PROPERTY LINE
---	FROM DEED OR PLAT
---	MINIMUM BUILDING SETBACK
---	50' VEGETATIVE BUFFER
---	FULL POND
---	100 YEAR FLOODLINE
---	POWER LINE
---	EXISTING
---	CONCRETE MONUMENT
---	POWER POLE



**LINE TABLE**

NUM	BEARING	DISTANCE
L1	N21°40'53"E	32.30
L2	N82°46'W	19.17
L3	N40°35'05"E	60.78
L4	N17°55'E	21.12
L5	N41°41'19"E	34.68
L6	N37°31'45"E	44.01
L19	S07°29'E	11.49

**CURVE TABLE**

NUM	DELTA	ARC	RADIUS	BEARING	DISTANCE
C4	28°51'57"	82.71'	164.17'	S28°03'13"E	81.84'
C5	19°06'27"	98.74'	296.08'	S39°09'40"W	98.28'
C6	30°03'35"	113.44'	216.22'	S14°34'38"W	112.14'



Thomas E. Williams  
 Thomas E. Williams, NCPLS 4718  
 This 21st day of April, 2017.

I, Thomas E. Williams, certify that this plot was drawn under my supervision from an official survey made under my supervision (said description recorded in Book 2476, Page 255, or other reference source, as shown) and that the boundaries not surveyed are shown as broken lines drawn from information found in existing deeds and plats or maps that make the requirements of the Standard of Practice for Land Surveying in North Carolina according to North Carolina Administrative Code Title 21, Chapter 56, Section 1800. I am not a party to any dispute or claim that may be made by any person who asserts a right or interest in the land or any part thereof and does not create a new street or change an existing street.

NOTES:  
 1) Area determined by Coordinate Computation Method.  
 2) Area subject to any facts that may be disclosed by a full and accurate title search.  
 3) Property may be subject to any Easements and Right of Ways of record and encroachments.  
 4) A portion of Subject Property is located in a Special Flood Hazard Area (Zone AE) as designated by the FEMA FLOOD INSURANCE RATE MAPS. (See Map Number 371042700K - Effective Date 3/19/2008.  
 5) Subject Property Zoned R1.









# IREDELL COUNTY

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

## APPLICATION NUMBER

**220629**

Issue Date: 07/28/2016

### ZONING PERMIT

Parcel Number	Street Address	Jurisdiction
4627879146.000	106 NORCROSS LANE, MOORESVILLE, NC 28117	IREDELL COUNTY

Owner Information	Applicant Information
Owner: REECE RANDY ALAN  Address: 5185 COUNTRY CLUB RD MOORESVILLE, NC 27104  Phone:	Applicant: ROLLANS SOIL & ENVIRON  Address: 470 NORTH BROAD STREET SUITE D MOORESVILLE, NC 28115  Phone: 704-658-1723

Use Requested	Zone Code
SFD- FAST TRACK	RR

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
1.180	35.00	50.00	15.00	15.00	CACL	X

**Remarks:**

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: *See Attached* Date: 8/29/16

Permit Number	75828	TOTAL FEES:	\$ 77.25
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