IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 — 3A — Mooresville Office (704) 660-3625

PERMIT # 23136

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

PIN # 4741403977

APPLICANT/OWNER: Alex Rios — APPLICANT ADDRESS: 124 Picardy Place, Mooresville, NC 28117

SITE ADDRESS: 151 Byers Rd Troutman, NC 28166 — PHONE: 704) 426-0274 — ALT. PHONE 704 902-4339 Wesley Shaw

SITE DIRECTIONS: Hwy 115 towards downtown Troutman TL Byers Rd on left ¼ mile — SAP CONTROLLED: ☒ YES ☐ NO

SUBDIVISION: Jacobs Woods — SECTION: 1 — LOT # 5 — LOT AREA: — DESIGN FLOW: 600gpd — L.T.A.R.: .3

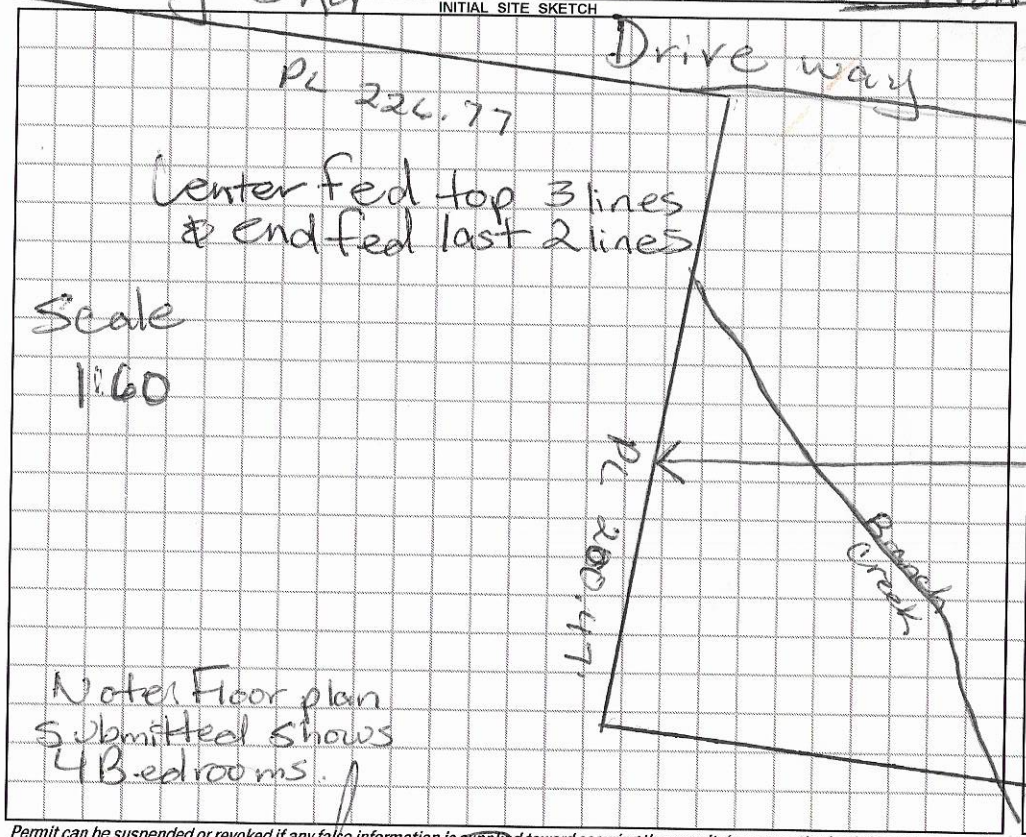
Septic Tank	1500	(gal)	STB	Plastic	Date	Infiltrator	☒ New System	☐ Repair	☐ Expansion
Pump Tank		(gal)	PT		Date		System Type: I II (III) IV V VI		
Pump Make			Model		Serial #		System Description: Gravity - 25% Reduction		
# Nitrification Fields	1		# Lines	4@125ft	Linear Ft	500ft	Repair System Description: Same		
Trench Width	36"		Trench Bottom Depth(Low side)	36"	Gravel Depth	N/A	Maintenance Agreement Required:	☐ YES	☒ NO
								☒ GRAVITY	☐ PRESSURE

☒ Residence	No. Bedrooms	5	Water Supply
☐ Business	No. Persons	10	☐ Private
☐ Other	No. Employees		☐ Public
☐ Slab	☐ Crawl Space		☐ Community
☒ Basement w/plumbing		☐ Basement w/o plumbing	

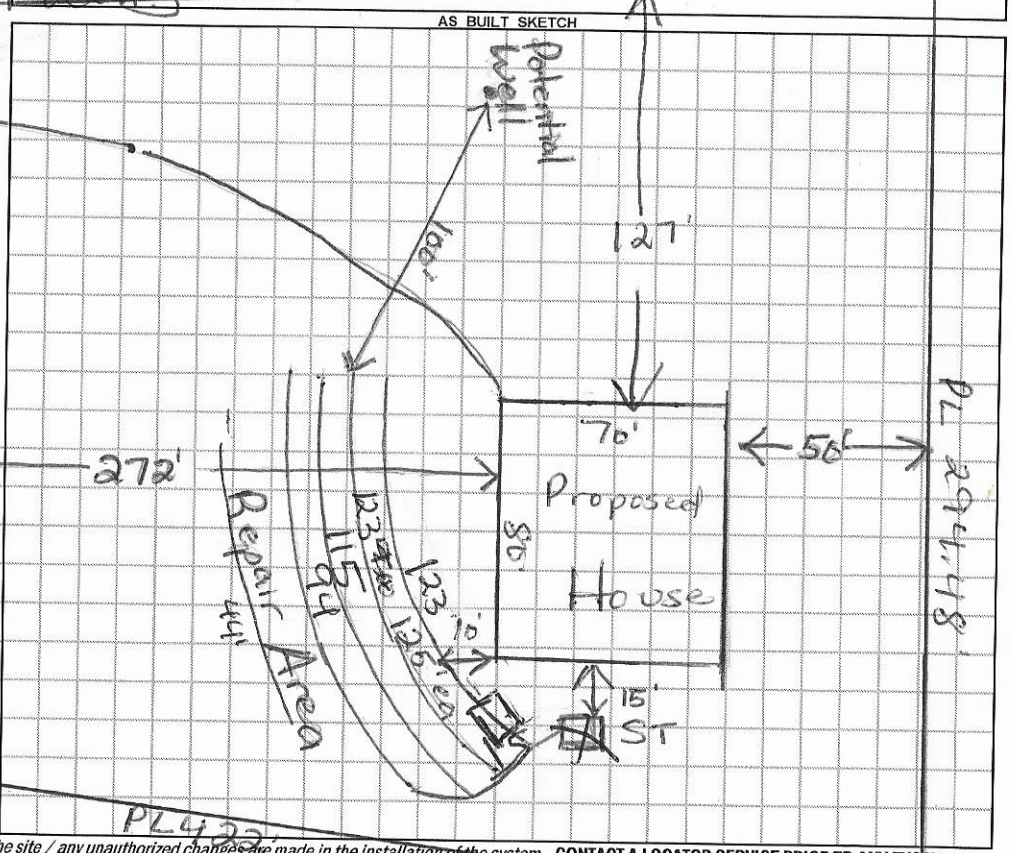
Comments / Conditions: ★ Remove 4"-6" of soil from drainfield. Stay 100ft from well

← To Byers Rd — PL 258.55 — PL 341.5

INITIAL SITE SKETCH



AS BUILT SKETCH



Permit can be suspended or revoked if any false information is supplied toward securing the permit / any unauthorized changes are made to the site / any unauthorized changes are made in the installation of the system. **CONTACT A LOCATOR SERVICE PRIOR TO ANY EXCAVATION**

☐ **IMPROVEMENT PERMIT** *with plat valid without expiration.* ☒ **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: 12/11/17 — Installed by: Richard Abernathy

IMPROVEMENT PERMIT by: Myaina Dotson — Date: 12/8/17 — OPERATION PERMIT by: Myaina Dotson — Date: 8/30/19

AUTHORIZATION TO CONSTRUCT by: Myaina Dotson — Date: 12/8/17 — 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.

DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

PROPERTY ID #: ___ - ___
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

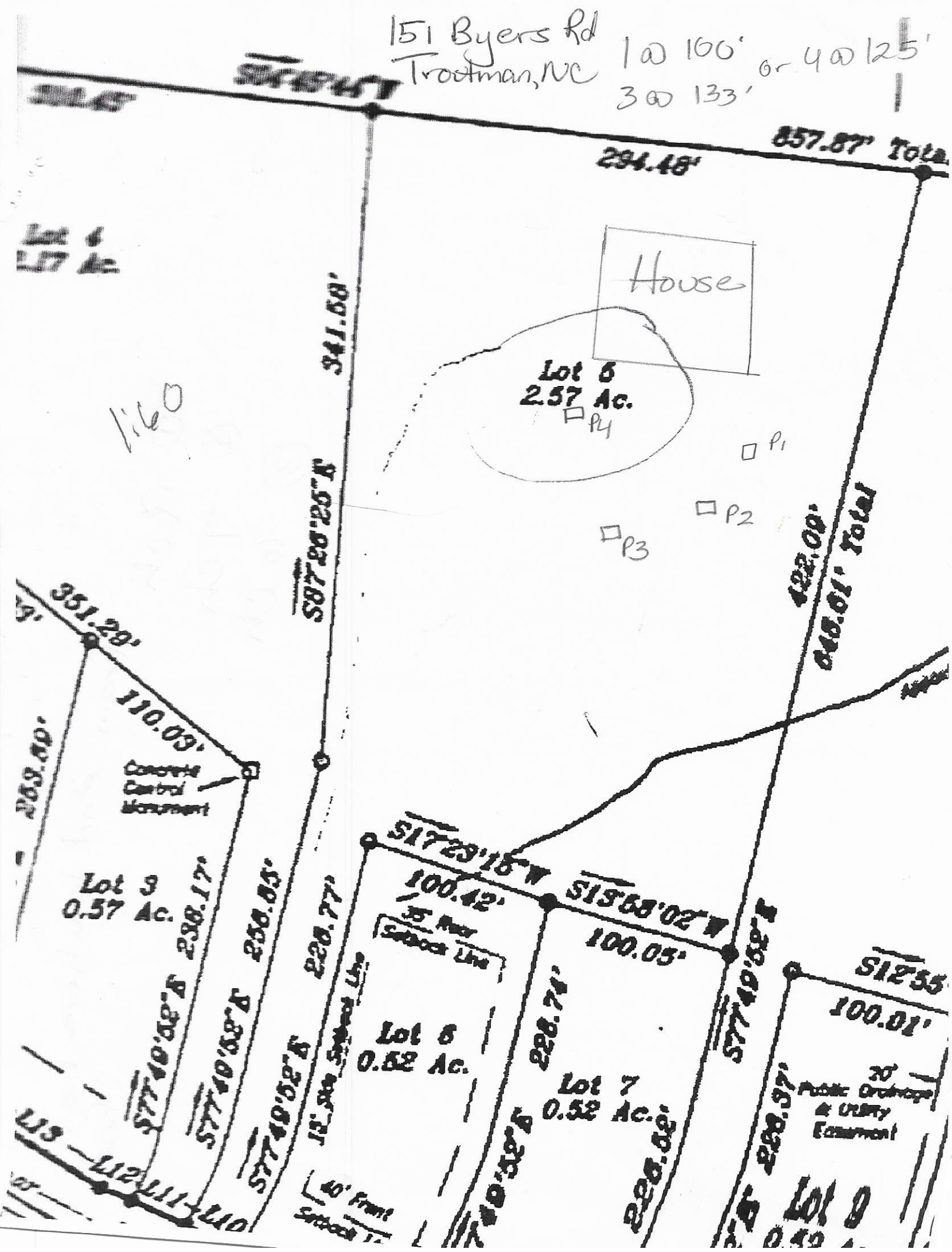
OWNER: Alex Rios
ADDRESS: _____ APPLICATION DATE ___/___/___
PROPOSED FACILITY: _____ DATE EVALUATED: 11/20/17
LOCATION OF SITE: 151 Byers Rd PROPOSED DESIGN FLOW (.1949): 600gpd PROPERTY SIZE: _____
WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____ PROPERTY RECORDED: _____
EVALUATION METHOD: ☐ 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	20% 22%	0-24	Brw SCL	SS, SP, SExP, FR					PS .2 to 38" >38" = .35
		24-38	Yel/Brw C/SC	SS-SS, SP SExP,		Fi-FR			
		38-52	SL/L	SAP SS, SP, SExP, FR					
2	20%	0-12	Brw/Gray L	S, P, ExP, F					PS, 2 to 38" >38" .3
		12-24	Rd/Brw C	SC S, P, SExP,		Fi-FR			
		24-38	Rd/Brw CL	SS, SP, SExP, FR					
			Common	Mica					
		38-52"	L/SL	SAP some Mn staining					FR
3	18%	0-8	Brw SCL	SS, SP,	SExP, FR				PS, 2 to 30" >30" .3
		8-30	Rd/Brw to Rd C	ABK S, P, SExP,		Fi-FR			
		30-60	Rd/Brw L	SS SP, SExP, FR					
		60-70	LS	SAP massive, FR					
4	19-20%	0-9	Brw SCL	SS, SP SExP, FR					PS, 2 to 30" >30" .3
		9-30	Rd/Brw C/SC	S, P, SExP,		Fi-FR			
		30-48	Rd/Brw CL	SBK					
		48-54	SL/L	SAP massive, FR					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	25% Red	25% Red
Site LTAR	.3 (>30")	.3 (>30")

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____
EVALUATED BY: Maria Watson
OTHER(S) PRESENT: Carla Cave, Wesley Strawn, Alex Rios

COMMENTS: _____


151 Byers Rd
Trotman, NC
1@ 100'
3@ 133'
or 4@ 125'
S45°45'
294.48'
857.87' Total
Lot 4
1.07 Ac.
House
Lot 5
2.57 Ac.
P4
P1
P2
P3
341.60'
S87°28'25"E
422.00'
848.01' Total
160
351.28'
110.09'
Concrete Control Monument
269.40'
Lot 3
0.57 Ac.
298.17'
S77°40'52"E
258.85'
S77°40'52"E
220.77'
S77°40'52"E
S17°29'16"W
100.42'
S15°58'02"W
100.05'
S77°40'52"E
228.74'
S77°40'52"E
228.52'
S12°55
100.01'
229.37'
30' Public Drainage & Utility Easement
Lot 6
0.52 Ac.
Lot 7
0.52 Ac.
Lot 8
0.52 Ac.
15' Side Setback Line
40' Front Setback Line
L10
L11
L12
L13

from end to where being fed.

① 9 ch
② 7 ch
③ 6 ch

Monday
11/20/17
@ 2:00pm

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)

Applicant Name: Alex Rios Address: 151 Byers Rd. Troutman, N.C. Zip: 28166

Applicant Email: Phone: Alt. Phone:

Owner Name: Alex Rios Address: 151 Byers Rd. Troutman, N.C. Zip: 28166

Owner Email: Phone: Alt. Phone:

Property Information:

Street Address: 151 Byers Rd. Troutman, N.C. 28166

Subdivision Name: Jacobs Woods Section/Phase: Lot Number: 5

Driving Directions: 115 to Byers Rd. property 1/4 mile Down dirt gravel drive on Right on top of hill

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

CHECK FOUNDATION TYPE

(✓) 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
( ) Swimming Pool
( ) Other Addition/Structure:

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

Non-Residential Site Development: Type of Business:
Square Footage of Building: 2949 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:

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: _____ 11/03/17
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

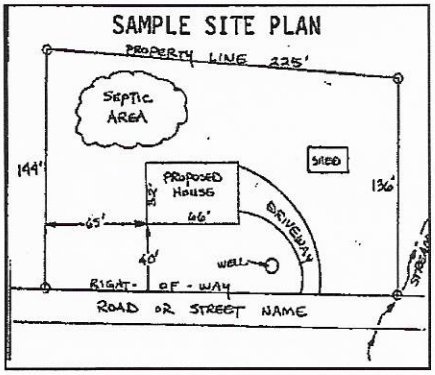
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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 OR WELL PERMIT!!!*

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

- ( ) Property Line measurements are clearly identified
- ( ) All proposed structures are indicated
- ( ) Front and side setbacks from property line
- ( ) Preferred driveway location
- ( ) Preferred well location
- ( ) Preferred septic system location
- ( ) North arrow, or other sufficient indicator of direction

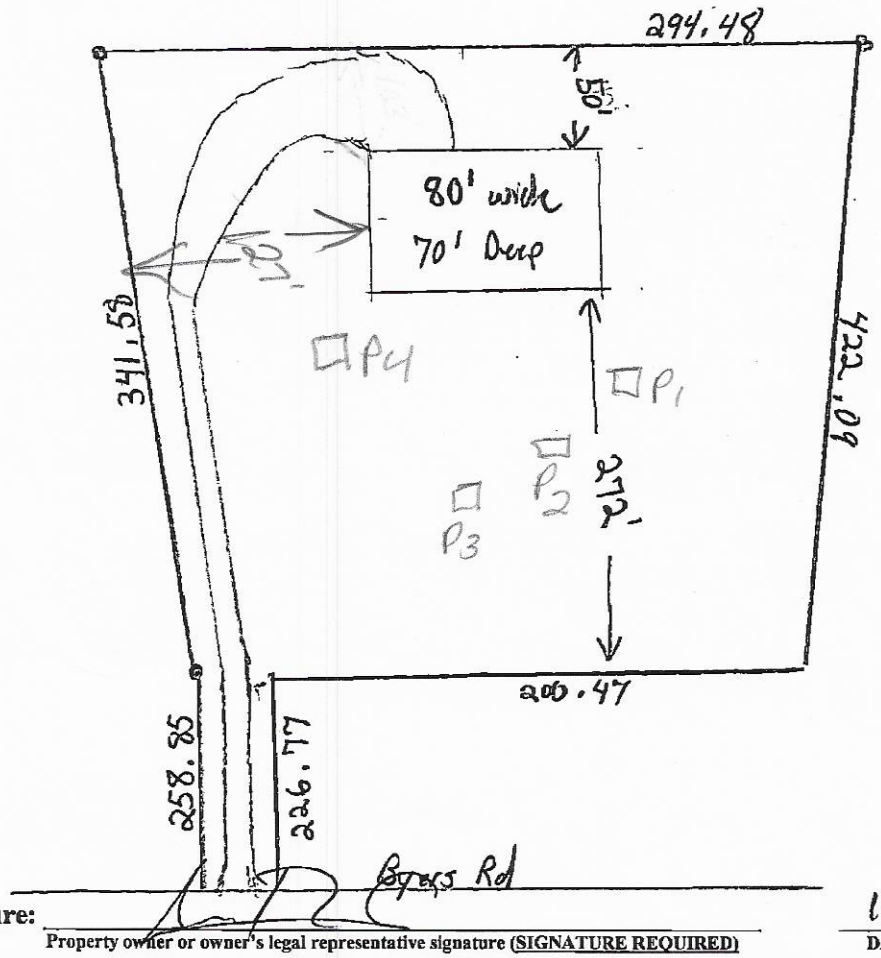


Circle N/A on the following if appropriate:

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

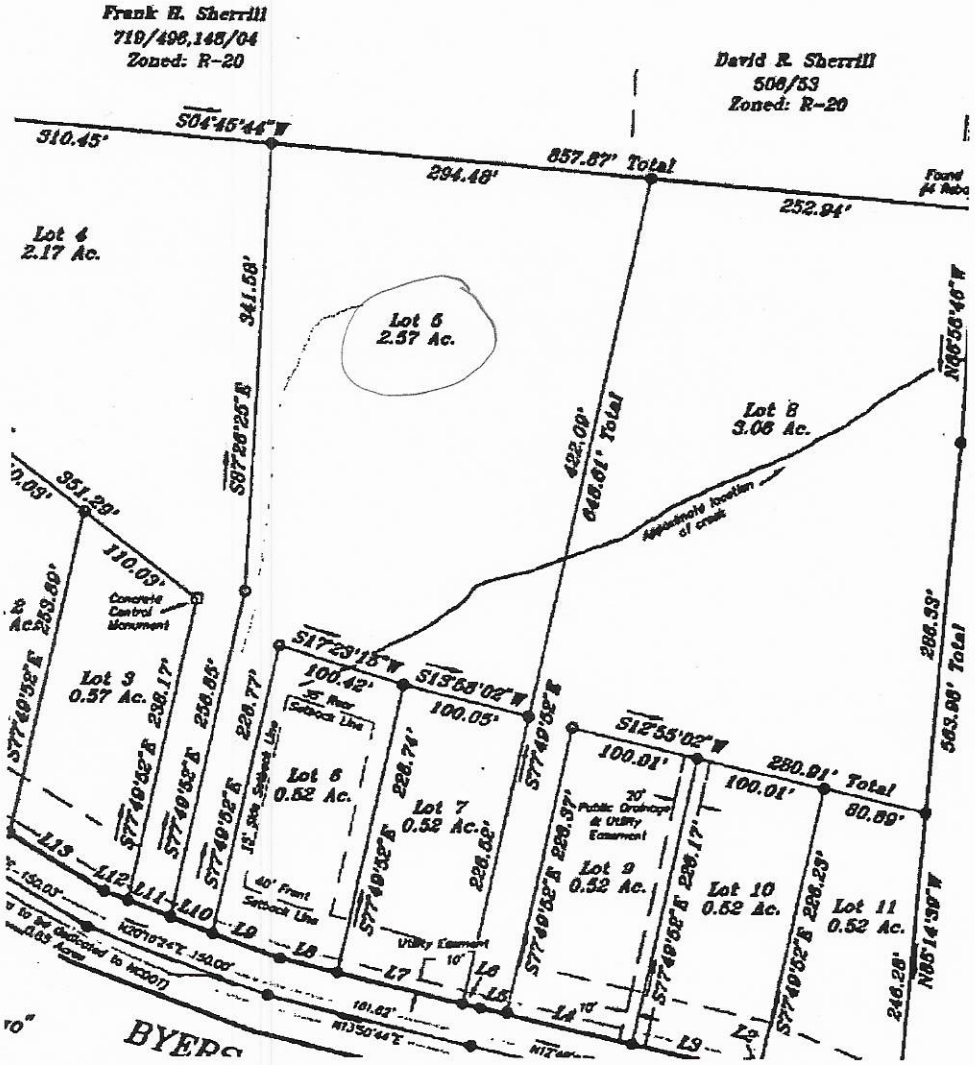
Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site

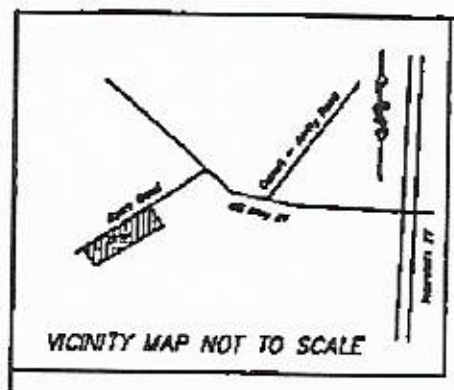


Signature: _____ 11/03/17

Property owner or owner's legal representative signature (SIGNATURE REQUIRED) — DATE

Jacob Woods Development
Lot 5
151 Byers Rd
Troutman, NC 28166





FILED
IREDELL COUNTY NC
02/04/97 3:37 PM
BRENDA D. BELL
Register Of Deeds
BK 28
Pg 35

LINE	DIRECTION	DISTANCE
L1	N21°45'44"E	114.25'
L2	N21°45'44"E	1.72'
L3	N12°48'03"E	96.31'
L4	N12°48'03"E	100.01'
L5	N12°48'03"E	20.86'
L6	N13°50'44"E	14.15'
L7	N13°50'44"E	100.04'
L8	N13°50'44"E	45.47'
L9	N20°18'24"E	55.10'
L10	N20°18'24"E	35.35'
L11	N20°18'24"E	35.35'
L12	N20°18'24"E	10.70'
L13	N30°58'14"E	85.03'
L14	N30°58'14"E	60.69'
L15	S36°41'01"W	46.78'
L16	S36°41'01"W	116.91'

I Joel H. Patterson III, certify that this plat was drawn under my supervision from an actual survey made under my supervision (deed description recorded in Book ___, Page ___. That the boundaries not surveyed are clearly indicated as drawn from information found in Book As Shown Page As Shown; that the ratio of precision as calculated is 1: 10,000+ that this plat creates a subdivision of land within a county or municipality that has an ordinance that regulates parcels of land. The ratio of precision as calculated is 1: 10,000+ that this plat was prepared in accordance with G.S. 47-30 as amended. Witness my original signature, registration number and seal.
This 4th day of FEBRUARY A.D. 1997.

NORTH CAROLINA REGISTERED SEAL L-3717 LAND SURVEYOR JOEL H. PATTERSON III

JOEL H. PATTERSON III
REGISTRATION NUMBER: L-3717

North Carolina, Iredell County.

I, a Notary Public of the County and State aforesaid, certify that Joel H. Patterson III, a Registered Land Surveyor, personally appeared before me this day and acknowledged the execution of the foregoing instrument. Witness my hand and official stamp or seal, this 4th day of February 1997.

CINDY P. CHAMPION NOTARY PUBLIC IREDELL COUNTY, N.C.

Cindy P. Champion
Notary Public
My commission expires: 11/20/98

I hereby certify that I am the owner of the property shown and described hereon, which is located in the subdivision jurisdiction of the Town of Troutman and that I hereby adopt this plan of subdivision with my free consent and establish minimum lot size and building setback lines as noted.

2-4-97
Date

Owners/ Member of Jacob's Woods, LLC

North Carolina, Iredell County.

I, a Notary Public Of the County and State aforesaid, certify that James B. Troutman member of JACOB'S WOODS, LLC Owner(s), personally appeared before me this day and acknowledged the execution of the foregoing instrument. Witness my hand and official stamp or seal, this 4 day of FEB 1997.

Notary Public
My commission expires: 7-18-99

I hereby certify that the subdivision plat shown hereon has been found to comply with the subdivision regulations of the Town of Troutman, North Carolina, And that this plat has been approved by ___ 2-4-97 for recording in the Iredell County Deeds Office.

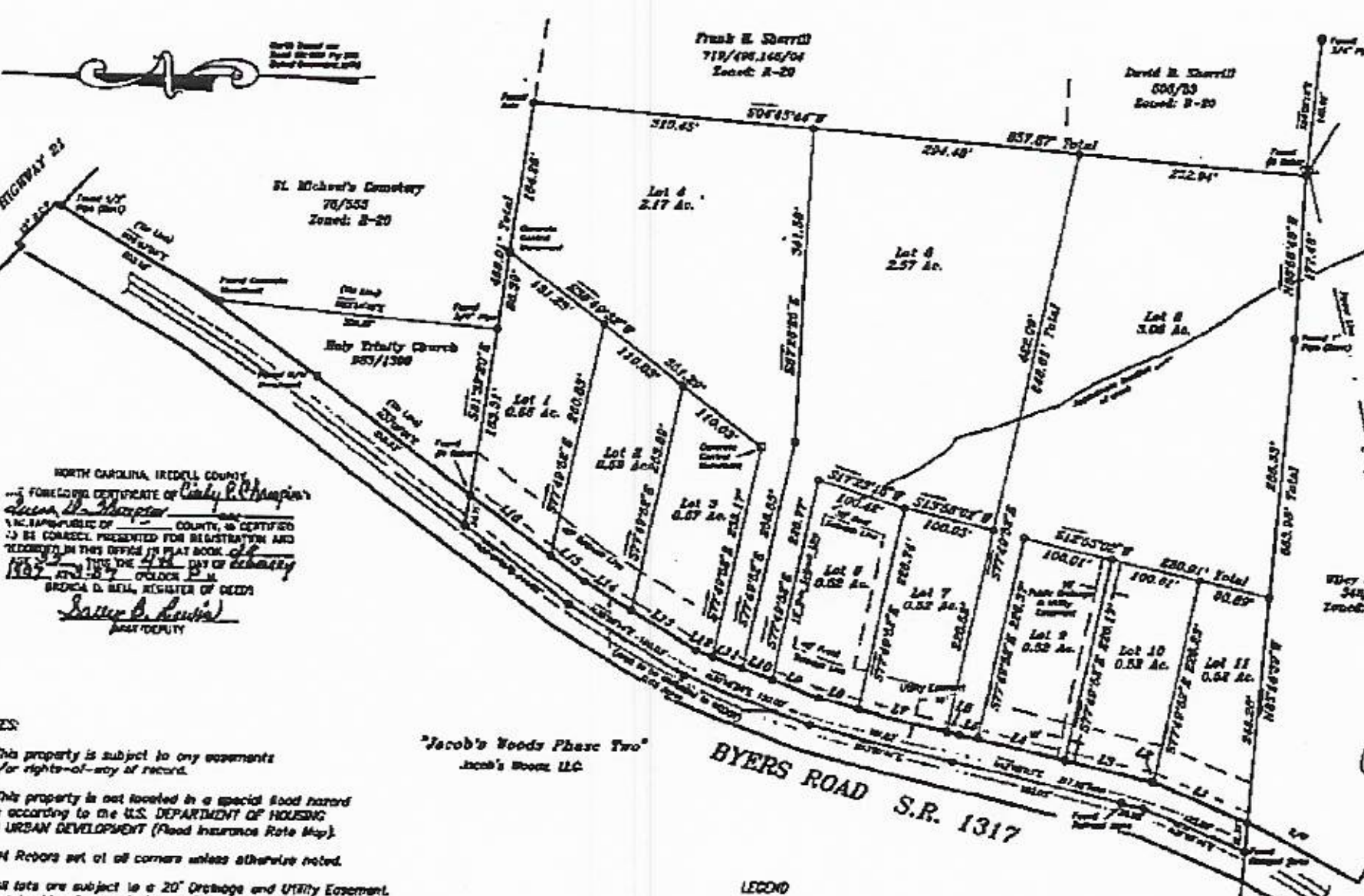
Chairman of the Technical Review Committee or Mayor

Feb 4, 1997
Date

All lots within Jacobs Woods Subdivision to the best of my knowledge lie within the WS-IV, Protected area of the Lake Norman/Catawba watershed basin as designated by the North Carolina Division of Environmental Management.

2-4-97
Date

Subdivision Administrator



NORTH CAROLINA, IREDELL COUNTY
THE FOREGOING CERTIFICATE OF Cindy P. Champion
NOTARY PUBLIC OF ___ COUNTY, IS CERTIFIED TO BE CORRECT. PRESENTED FOR REGISTRATION AND RECORDED IN THIS OFFICE IN PLAT BOOK 28 PAGE 35 THIS THE 4th DAY OF February 1997 AT 3:37 O'CLOCK P.M.
BRENDA D. BELL, REGISTER OF DEEDS
ASST/DEPUTY

NOTES:

1) This property is subject to any easements and/or rights-of-way of record.

2) This property is not located in a special flood hazard area according to the U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT (Flood Insurance Rate Map).

3) #4 Rebars set at all corners unless otherwise noted.

4) All lots are subject to a 20' Drainage and Utility Easement. 10' each side of property line. • See Lot 9 & 10 for Detail • Also a 10' Utility easement along the Right-of-way of BYERS ROAD.

5) Building setback lines are as noted: 40' Front, 35' Rear 15' Side. • See Lot 6 for Detail •

6) No U.S.G.S. or N.C.G.S. Monuments could be located within 2000'.

7) As of the date of this recording, the lots represented on this plat have not been inspected or approved by the Iredell County Health Department. Until inspected or approved there is no assurance that a building permit will be issued.

8) Property zoned: R-20

9) Total Tract to be subdivided: 12.86 +/- Acres

10) Total Number of lots created: 11

11) Area by coordinate method.

LEGEND

R/W = Right-of-way
= Not to scale
= Utility Pole

BAR SCALE

(IN FEET)
1 inch = 100 ft.

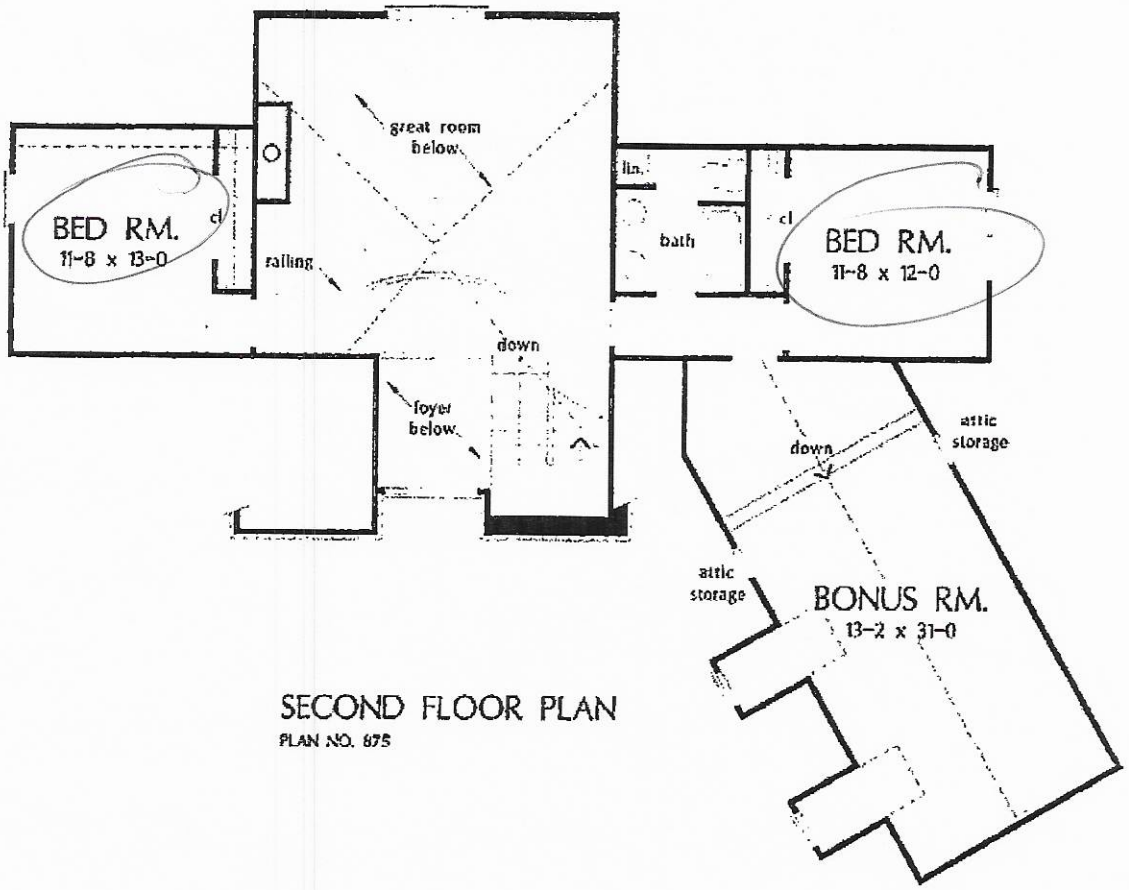
PATTERSON SURVEYING, P.A.
P.O. BOX 1387, Mooresville, N.C. 28115
(704) 662-0100 • Fax (704) 662-0101

JOB NAME:

FINAL SUBDIVISION PLAT OF "JACOB'S WOODS" PHASE ONE

LOCATION: BARRINGER TOWNSHIP, IREDELL CO., NC TAX PARCEL NUMBER: 4N-1-E-109	DRAWN BY: JHP	CHECKED BY: JHP
	SCALE: 1" = 100'	
OWNERS/DEVELOPERS: JACOB'S WOODS, LLC 330 WALLACE SPRINGS ROAD STATESVILLE, NC 28677	DATE OF FIELD SURVEY: DECEMBER 22, 1996	
	DATE MAP PREPARED: FEBRUARY 4, 1997	
	JOB NUMBER	BOOK NO:
	39896A	005

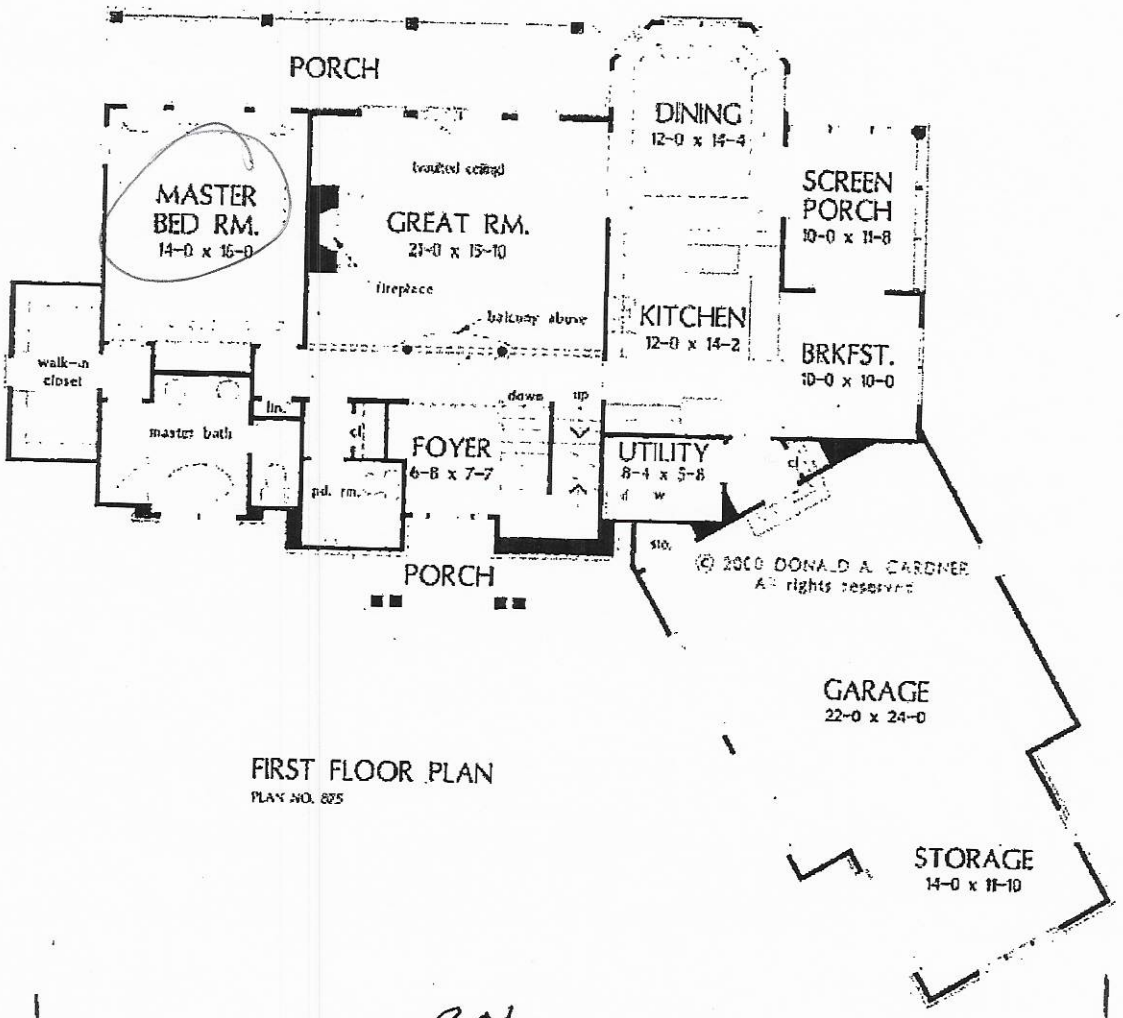
80'



SECOND FLOOR PLAN
PLAN NO. 875

BASEMENT

Acknowledgement Of
Plans Submittal ONLY!
Date 11/03/17
Date 11/03/17
12/8/17

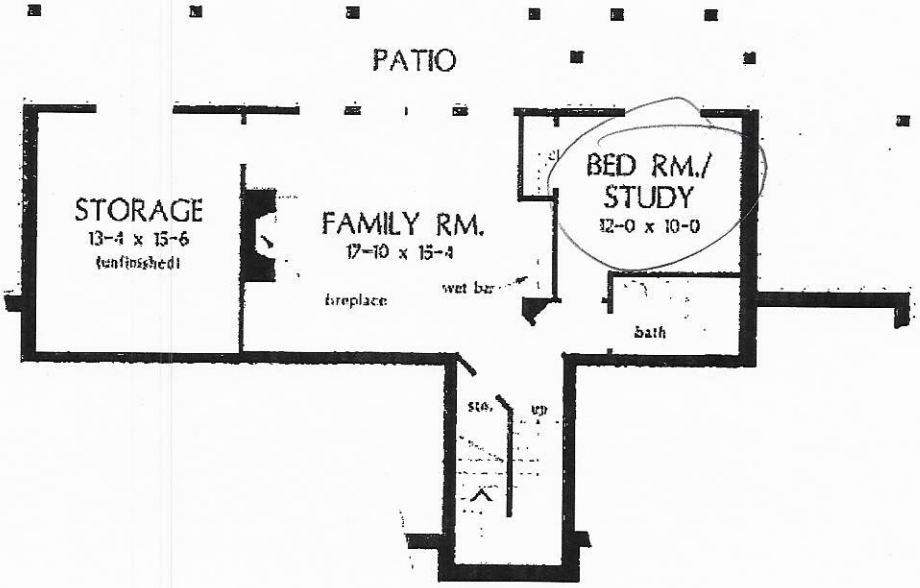


FIRST FLOOR PLAN
PLAN NO. 875

80'

~~SECOND~~
Main level

Acknowledgement Of
Plans Submittal ONLY!
Date 11/03/17
Date 11/03/17
12/8/17



BASEMENT FLOOR PLAN
PLAN NO. 875

Plan Prices and Options

Acknowledgement Of Plans Submittal ONLY!
Date 11/03/17
Date 11/03/17

AutoCAD file with Unlimited Build	$2,435.00
PDF Reproducible Set (Best Value)	$1,350.00
One Reproducible Set	$1,350.00
8 Copy Construction Set	$1,070.00
5 Copy Construction Set	$1,005.00
1 Review Set	$910.00
2x6 Exterior Wall Conversion	$305.00
Full Reverse	$185.00

Zoning Permit # 231361

Fee $ 45.00 Code 104

See reverse for new construction.

Zoning Permit

LOCATION	Date (mm/dd/yy)	11-3-17	Tax Parcel #	4741403977
	Business Name or Property Owner	Alex Rios		
	Street Address & Lot Number	151 Byers Rd. Troutman, N.C. 28166		
	Business Type and/or Project Description	New Home		
APPLICANT	Applicant	Alex Rios	Preferred Phone	704-426-0274
	Address City/State/Zip	124 Picardy Place Ln. Mooresville, N.C. 28117		
	E-Mail			
	Would you like your e-mail address added to: (check any of interest)	☐ The Whistle Stop (Town of Troutman newsletter) ☐ Troutman Business Council (Local Chamber of Commerce) ☐ Sunshine List (Agenda for Town Board Meetings)		

Following approval of this permit proceed to Iredell County Building Inspections (349 N Center St, Statesville, NC 28677). All Applicants, please note that final inspection by the Town is required prior to occupancy (exception, single family residential additions/expansions). Business Applicants, please note that proof of RPZ (backflow) inspection is required prior to occupancy (in addition, restaurants may be required to have a grease trap inspection).

Office Use Only

Zoning District(s)	RS	TL ☐ ETJ ☑	Plans Attached	Yes ☑ No ☐
Utilities	Well + Septic		Floodplain	Yes ☐ No ☑
Permitted Use of Property	SFR			
Minimum Setback Requirements	Front 25', Rear 25', Left Side 10', Right Side 10' *Setback measured from nearest projecting point of structure to Property Line.*			

Comments: 8 trees total 2 must be in front of home

I hereby certify that all of the information provided for this application is, to the best of my knowledge, accurate and complete. I understand that this permit will expire and become invalid unless the work for which it was issued is started within six (6) months of the date of issue or is the work authorized is suspended or abandoned for a period of one (1) year.

Signature of Applicant

To the best of my knowledge, this application is deemed complete and approved based on the information provided to me and my knowledge of the Town of Troutman Unified Development Ordinance.

Daniel Light

Signature of Zoning Administrator