IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 204814

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

PIN # 4635-49-8810

APPLICANT: Johnny Bustle/Angelia Ryan APPLICANT ADDRESS: PO Box 653 Cornelius NC 28031

SITE ADDRESS: 140 Southwood Park Rd; Mail 28117 PHONE: 704-400-9832 ALT. PHONE:

SITE DIRECTIONS: Bailey Sch Rd, TL on Statts, TR on Baywatch, TL on Southwood Park Rd, Lot on R

SUBDIVISION: Marina Village SECTION: — LOT # 18 LOT AREA: 0.462 ac DESIGN FLOW: 360 gpd L.T.A.R.: 0.3

Septic Tank	1000	(gal)	STB	760	Date	5-24-18	☑ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	
Pump Tank		(gal)	PT		Date		System Description:	Gravity 25% Reduction			
Pump Make			Model		Serial #		Repair System Description:	Exempt Platted 6-3-1964			
# Nitrification Fields	1		# Lines	4	Linear Ft:	300'	Maintenance Agreement Required:	☐ YES	☑ NO		
Trench Width	36"		Max. Trench Bottom Depth	*25"*	Gravel Depth	N/A		☑ GRAVITY	☐ PRESSURE		

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

No. Bedrooms 3 No. Persons 6 No. Employees — ☐ Crawl Space

Water Supply: ☑ Private ☐ Public ☐ Community

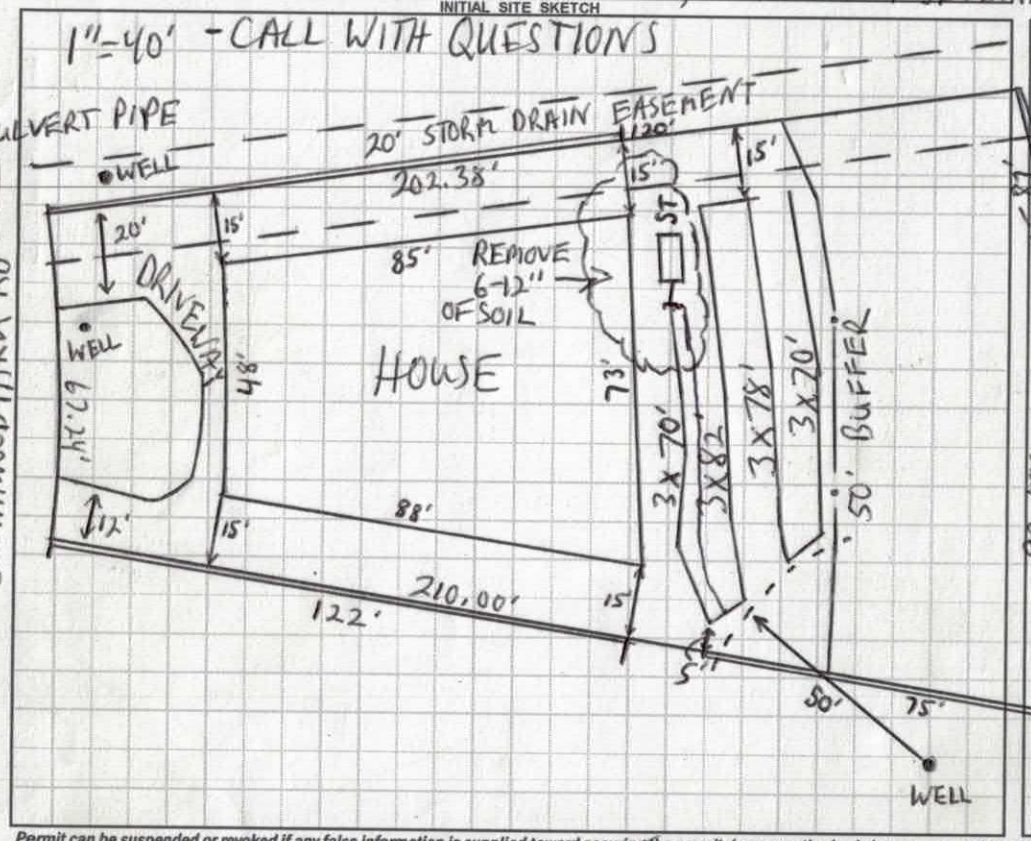
☐ Basement w/o plumbing

Comments / Conditions: *INSTALL TRENCHES 25" DEEP OR LESS.
-REMOVE 6-12" OF SOIL FROM AREA SHOWN, BUT NO MORE, DO NOT GRADE SYSTEM AREA ANYWHERE ELSE; ~~DO NOT~~
-5 FT RIGHT PROPERTY LINE SETBACK, 15 FT LEFT SETBACK

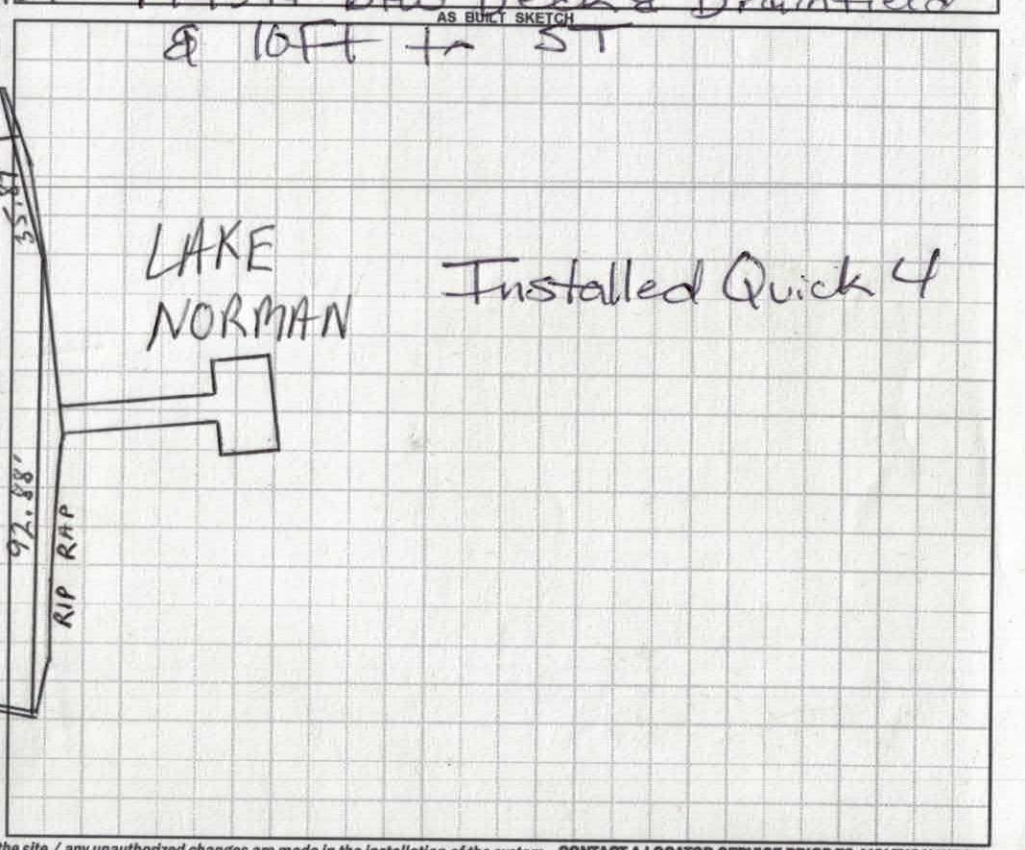
2/26/18 Reviewed Floor plans, in Compliance with I.P.
Rod Fitter
14-15ft btw Deck & Drainfield & 10ft to ST

INITIAL SITE SKETCH

1"=40' -CALL WITH QUESTIONS



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: Johnny Bustle Date: 9-3-15 Installed by: Lentz Septic

IMPROVEMENT PERMIT by: [signature] Date: 8-27-15 OPERATION PERMIT by: Maria Dotson Date: 7/13/18

AUTHORIZATION TO CONSTRUCT by: Maria Dotson Date: 2/26/18 Existing System Inspected by: Date:

Health Dept. Copy - WHITE Applicant (Final Approval) - YELLOW Applicant (Conditional Approval) - PINK

...S ON ALL CORNERS UNLESS OTHERWISE NOTED
... WERE CALCULATED BY COORDINATE METHOD.
... NGS TRAVERSE WAS FOUND TO BE WITHIN 2000'
THIS PROPERTY SUBJECT TO ANY OTHER EASEMENTS, AGREEMENTS, OR RIGHTS-OF-WAY OF RECORD.

THIS PROPERTY MAY BE SUBJECT TO A DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS APPLICABLE TO MARINA VILLAGE WHICH WOULD BE RECORDED IN THE IREDELL COUNTY REGISTRY OF DEEDS.

A PORTION OF THIS PROPERTY LIES WITHIN A FEMA FLOODPLAIN PER FEMA FIRM PANEL 3703134635J, DATED MARCH 18, 2008.

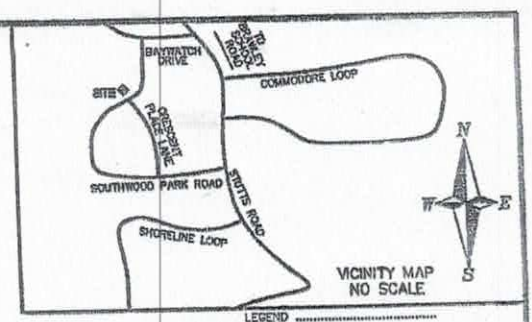
THIS PROPERTY TO HAVE WATER ACCESS TO LAKE NORMAN FROM THE WATER ACCESS AREA LOCATED BETWEEN LOTS 19 AND 20 IN MARINA VILLAGE.

"I state that this map was drawn under my supervision from an actual survey made under my supervision (map description recorded in Book 2246, page 507); that the boundaries not surveyed are indicated as drawn from information in MAP Book B page 34; that the ratio of precision or positional accuracy is IN EXCESS OF 1:10,000; and that this map meets the requirements of The Standards of Practice for Land Surveying in North Carolina (21 NCAC 56. 1600)." This 03 day of JANUARY, 2014.

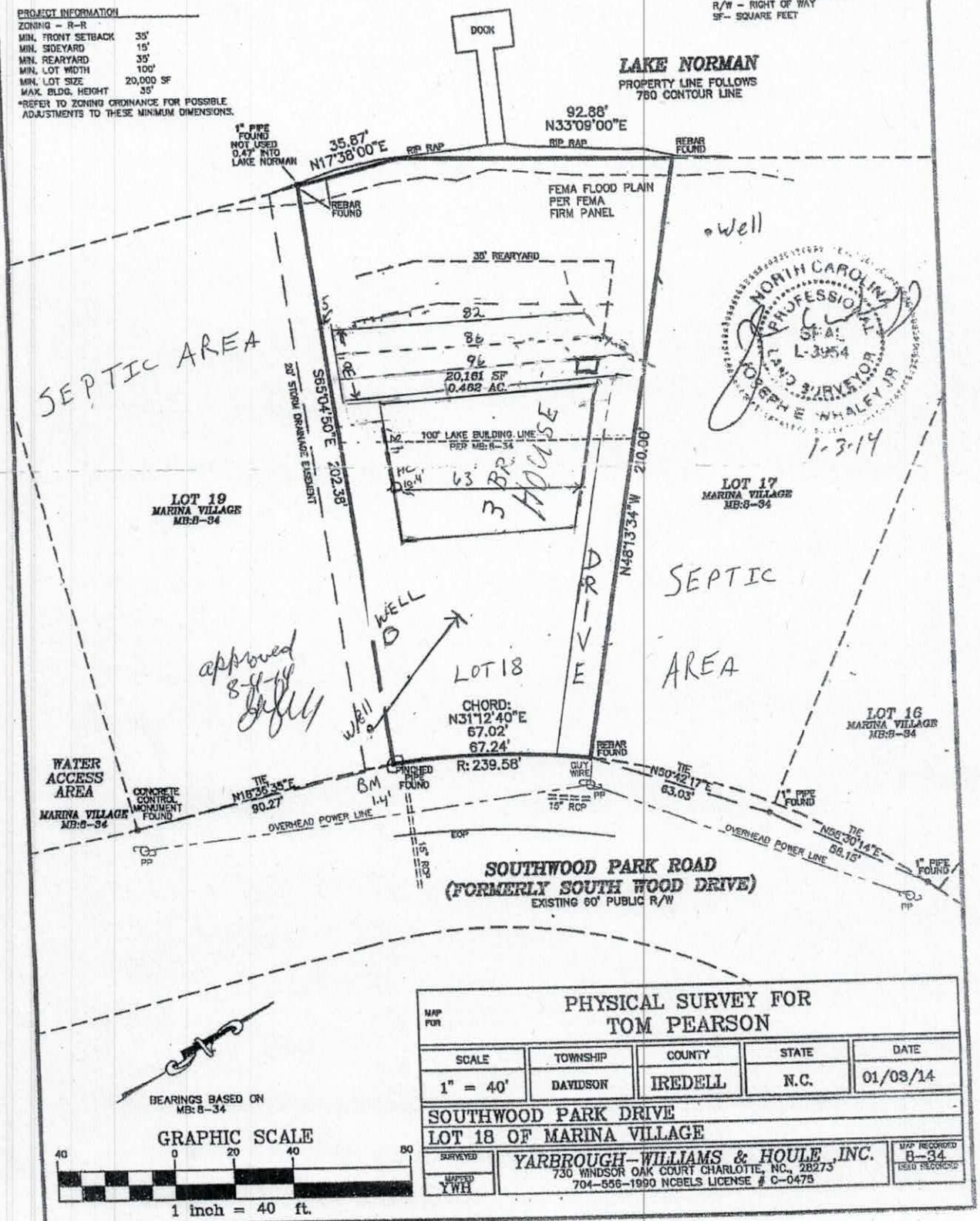
PROJECT INFORMATION

ZONING – R-R	
MIN. FRONT SETBACK	35'
MIN. SIDEYARD	15'
MIN. REARYARD	35'
MIN. LOT WIDTH	100'
MIN. LOT SIZE	20,000 SF
MAX. BLDG. HEIGHT	35'

*REFER TO ZONING ORDINANCE FOR POSSIBLE ADJUSTMENTS TO THESE MINIMUM DIMENSIONS.



LEGEND
AC – ACRE
EOP – EDGE OF PAVEMENT
MB: – MAP BOOK
PP – POWER POLE
RCP – REINFORCED CONCRETE PIPE
R/W – RIGHT OF WAY
SF– SQUARE FEET



NORTH CAROLINA PROFESSIONAL SEAL L-3954 LAND SURVEYOR JOSEPH E. WHALEY JR.
1-3-14

BEARINGS BASED ON MB: 8-34

GRAPHIC SCALE
40 0 20 40 80
1 inch = 40 ft.

MAP FOR: PHYSICAL SURVEY FOR TOM PEARSON

SCALE	TOWNSHIP	COUNTY	STATE	DATE
1" = 40'	DAVIDSON	IREDELL	N.C.	01/03/14

SOUTHWOOD PARK DRIVE
LOT 18 OF MARINA VILLAGE

SURVEYED
MAPPED YWH

YARBROUGH–WILLIAMS & HOULE, INC.
730 WINDSOR OAK COURT CHARLOTTE, NC., 28273
704–556–1990 NCBELS LICENSE # C–0475

MAP RECORDED B–34
DEED RECORDED

Table: Summary of Primary and Repair Nitrification Line Specifications

Line No.	Use	Line Color	System Type	Line Length (Ft.)	Rod Reading Elevation (Ft.)
1	System	Red	25% Reduction	134' endfed	4
2	System	Blue	25% Reduction	134' endfed	
3	System	White	25% Reduction	134' endfed	
4	Repair	Orange	25% Reduction	170	
5	Repair	Blue	25% Reduction	144	
6	Repair	Red	25% Reduction	113	9.9
				Total System: 402'	
				Total Repair: 427'	

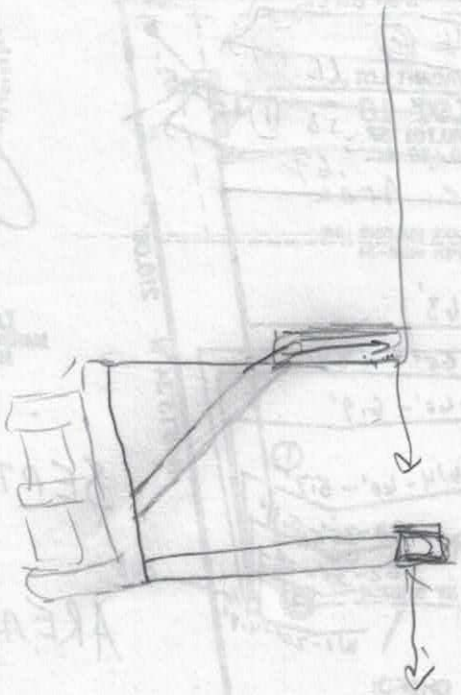
Tank	Red	1000 gal (2 compartment)	11.9
Pump Tank	Red	1000 gal.	11.9
House	Blue		12.3

Manifold Information	
Tap Size (In.)	1/2
Tap Material	SCH 80 PVC
No. Taps	3
Barrel Size (In.)	4
Barrel Material	SCH 80 PVC
Flow (gpm)/Tap	5.5

B1 0-4 R CL WFSOK Fr SS SP SEXP .3
LSS 4-16 RB CL WFSOK Fr SS SP SExP fa Mn
3% 16-33 R C WFSOK Fr SS SP SEXP
33-48 YR CL WFSOK Fr SS SP SExP con scp

0-8 RB CL WFSOK Fr SS SP SExP .35
B2 8-25 YR CL WFSOK Fr SS SP SExP
LSS 25-48 RY CL WFSOK Fr SS SP SExP con/ncny scp
16%

6-12 RB CL WFSOK Fr SS SP SExP .325
B3 12-24 R C WFSOK Fr SS SP SExP fa scp
LSS 24-32 R CL WFSOK Fr SS SP SExP ncny scp
12% 32-42 YR CL WFSOK Fr SS SP SExP
42-48 Var FSL scp R



DENR/DEH

ON-SITE WASTEWATER SECTION

Sheet 1 of 1
PROPERTY ID #: 4635-49-8811
COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Johnny Bustle — APPLICATION DATE 7-24-15
ADDRESS: PO Box 653 Cornelius NC 28031 — DATE EVALUATED: 8-
PROPOSED FACILITY: 3 BRM — PROPOSED DESIGN FLOW (.1949): 360gpd — PROPERTY SIZE: 0.462 Ac
LOCATION OF SITE: 140 Southwood Bark Rd — 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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
B 1	LSS 3%	0-4	B CL WFSBK	Fr SS SP SEXP	com sap	48"	—	—	PS .3
		4-16	RB CL WFSBK	Fr SS SP SEXP					
		16-33	R C WFSBK	Fr SS SP SEXP					
		33-48	YR CL WFSBK	Fr SS SP SEXP					
B 2	LSS 16%	0-8	RB CL WFSBK	Fr SS SP SEXP	com/many sap	48"	—	—	PS .35
		8-25	YR CL WFSBK	Fr SS SP SEXP					
		25-48	RY CL WFSBK	Fr SS SP SEXP					
B 3	LSS 12%	0-12	RB CL WFSBK	Fr SS SP SEXP	few sap / many sap	42"	PS	—	PS .325-.35
		12-24	R C WFSBK	Fr SS SP SEXP					
		24-32	R CL WFSBK	Fr SS SP SEXP					
		32-42	YR CL WFSBK	Fr SS SP SEXP					
		42-48	Var FSL SaPM	Fr SS SP SEXP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	Not Required
System Type(s)	25% Red.	
Site LTAR	0.3	

OTHER FACTORS (.1946): None
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: AZP
OTHER(S) PRESENT: None

COMMENTS:

RECEIVED FEB 22 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 ( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information: (PRINT CLEARLY)

Applicant Name: ANGELIA RYAN Address: 109 PASEO DRIVE MOORESVILLE Zip: 28117
Applicant Email: ARYAN@TRUELEARN.COM Phone: 724-929-0265 Alt. Phone: _____
Owner Name: JOHNNY BUSTLE Address: 20117 W. CATAWBA CORNELIUS Zip: 28031
Owner Email: TBD Phone: TBD Alt. Phone: _____

Property Information:

Street Address: 140 SOUTHWOOD PARK DR. MOORESVILLE
Subdivision Name: MARINA VILLAGE Section/Phase: _____ Lot Number: 18
Driving Directions: BRAWLEY TO STUTTS, R ON BAYWATCH, L ON SOUTHWOOD

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

(X) 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: 3
Maximum Number of Occupants: 4
( ) Swimming Pool
( ) Other Addition/Structure: _____

CHECK FOUNDATION TYPE
(X) Crawl Space Foundation
( ) Concrete Slab Foundation
( ) Basement with Plumbing
( ) Basement without Plumbing

Non-Residential Site Development: Type of Business: _____
Square Footage of Building: _____ Max. Number of Employees: _____ Max. Number of Seats/Beds/Other: _____

Water Supply: ( ) Replacement Well – Reason: _____
( ) Multi-connection Well Number of Houses: _____ Number of Persons: _____
(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: NEW
( ) No Preference ( ) Alternative ( ) 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: Angelia Ryan 2/21/18
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

RECEIVED JUL 2 4 2015

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 1: *APPLICATION FORM*

Comp. Redraw $500.00 #204814

Application For:

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

Applicant Information:

Applicant Name: Johnny Bustle **Address:** P.O. Box 653 Cornelius NC 28031 **Phone:** 704 400 9832

Owner Name: Johnny Bustle **Address:** P.O. Box 653 Cornelius NC 28031 **Phone:** 704 400 9832

Property Information:

Street Address: 140 Southwood Park Rd. Mooresville NC

Subdivision Name: Marina Village **Section/Phase:** _____ **Lot Number:** 18

Driving Directions: Brawley School Rd (L) on Stutts Rd (R) Baywatch (L) Southwood Park Rd lot on (R)

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

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( ) Accessory Building
( ) Bedroom(s) Addition

Maximum Number of Bedrooms: 3
Maximum Number of Occupants: 2
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( ) Other Addition/Structure: _____

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( ) Concrete Slab Foundation
(✓) Basement with Plumbing
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Signature: Johnny Bustle
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

7/24/15
DATE

...S ON ALL CORNERS UNLESS OTHERWISE NOTED
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... NCGS TRAVERSE WAS FOUND TO BE WITHIN 2000'

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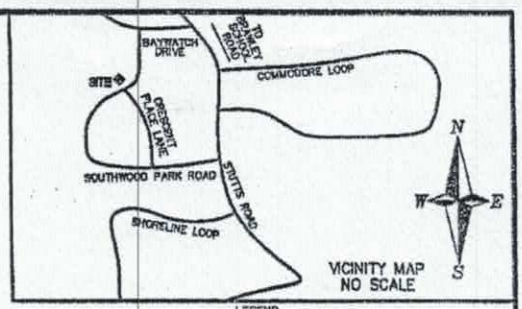
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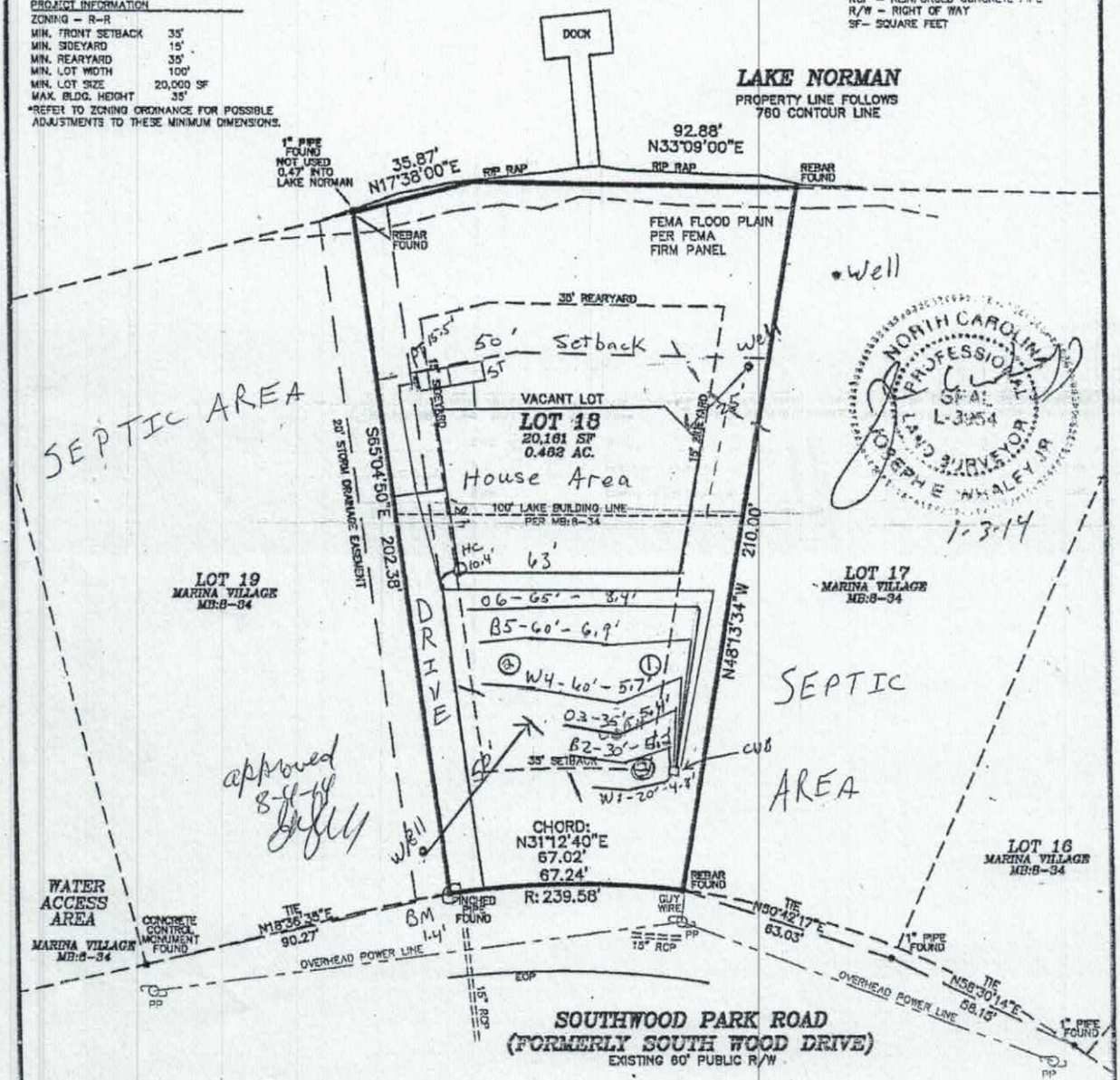
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NORTH CAROLINA PROFESSIONAL SEAL L-3954 LAND SURVEYOR JOSEPH E. WHALEY JR.

1-3-14

BEARINGS BASED ON MB:8-34

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1 inch = 40 ft.

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LOT 18 OF MARINA VILLAGE

SURVEYED
MAPPED YWH

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730 WINDSOR OAK COURT CHARLOTTE, NC., 28273
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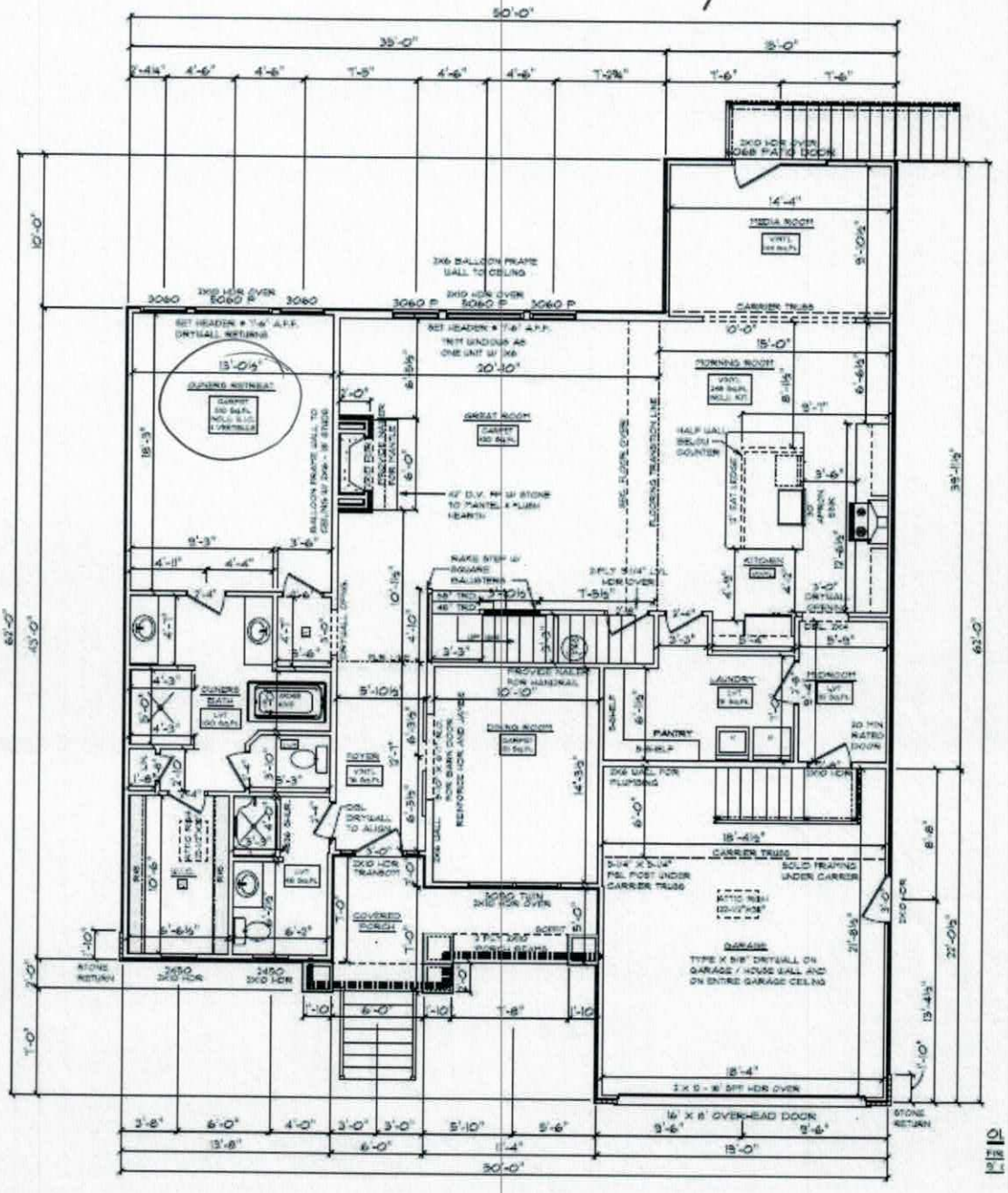
RECEIVED FEB 23 2018

Acknowledgement of Plans Submittal ONLY!

Angelia Ryan

Date

Date 2/26/18



RECEIVED FEB 23 2018

Acknowledgement of Plans Submittal ONLY!

Angelia Ryan Date

Date 2/26/18

