IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 200823

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

PIN # 4635-08-2742

APPLICANT: CRAIG DUBOIS APPLICANT ADDRESS: 206 BRAWLEY HARBOR PLACE; Mrsvl.

PHONE: 704-650-5566 ALT. PHONE:

SITE ADDRESS: SAME

SITE DIRECTIONS: BSR, McKENDREE

SUBDIVISION: THE POINT ON NORMAN SECTION: 2 LOT # 251 LOT AREA: .96 AC DESIGN FLOW: 480 L.T.A.R.: .3

Septic Tank	1500	(gal)	STB 338	Date	6-12-17	☒ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms 4
Pump Tank	1500	(gal)	PT 477	Date	6-1-17	System Description: LP - PANEL BLOCK				☐ Business	No. Persons
Pump Make			Model		Serial #	Repair System Description: SAME				☐ Other	No. Employees
# Nitrification Fields	1		# Lines	3	Linear Ft: 270'	Maintenance Agreement Required:	☒ YES	☐ NO		☐ Slab	☐ Crawl Space
Trench Width	24"		Max. Trench Bottom Depth	36"	Gravel Depth —		☐ GRAVITY	☒ PRESSURE		☒ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☐ Private ☐ Public ☒ Community

Comments / Conditions: Must keep tanks a minimum of 15' from basement.

11/15/16 Reviewed floor plans, in Compliance with Septic plans.

INITIAL SITE SKETCH

SEE APPROVED PLAN FROM MICHAEL ATHANAS & ASSOCIATES

AS BUILT SKETCH

8-2-17: Pump tank OK. Septic tank must be installed deeper to maintain proper setback from foundation drain (10' from house instead of 15' w/ tank deeper than foundation drain).

	Date	Initials
Drain Lines Checked		
Tanks Checked		
Pressure Manifold or Valve Box Checked	9/19/17	SA
Pressure Head Set	9/19/17	SA
Electrical Checked	9/19/17	SA
Floats Set 4 floats 8" between on/off	9/19/17	SA
Alarm Checked	9/19/17	SA
Maintenance Contract (Y) N	9/26/17	SA
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 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: 9/12/14

IMPROVEMENT PERMIT by: Date: 1-7-14

AUTHORIZATION TO CONSTRUCT by: Date: 11/15/16

Installed by: Abernathy

OPERATION PERMIT by: Date: 9/27/17

Existing System Inspected by: Date:

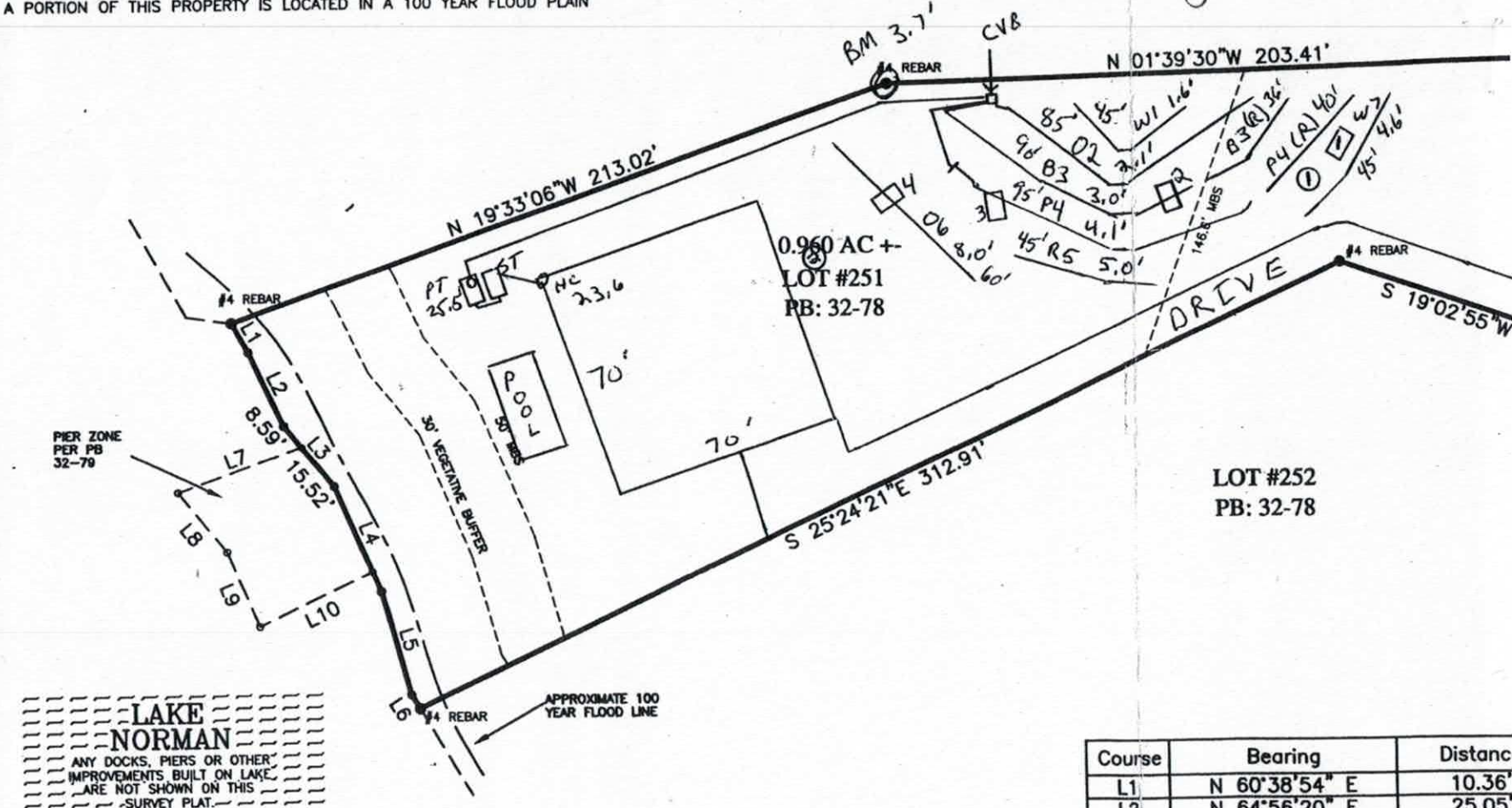
Health Dept. Copy - WHITE Applicant (Final Approval) - YELLOW Applicant (Conditional Approval) - PINK

THIS PLAT SHOULD NOT BE SCALED OR RELIED UPON FOR DESIGN OR CONSTRUCTION WITHOUT A FIELD VERIFICATION OF ALL DIMENSIONS.

- DIGITAL COPIES OF THIS FILE ARE FOR REFERENCE ONLY AND MAY NOT BE USED FOR DESIGN WORK.
- A PORTION OF THIS PROPERTY IS LOCATED IN A 100 YEAR FLOOD PLAIN

GOLF HOLE #6
THE POINT ON NORMAN, LLC
DB: 1088-89

3A

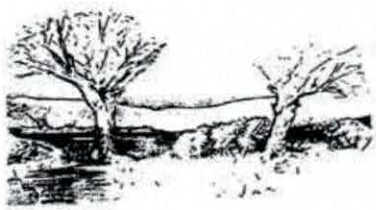


Course	Bearing	Distanc
L1	N 60°38'54" E	10.36'
L2	N 64°56'20" E	25.05'
L3	N 51°04'44" E	24.11'
L4	N 66°54'07" E	35.20'
L5	N 74°36'52" E	32.77'
L6	N 58°14'11" E	5.02'
L7	S 19°33'06" E	40.37'
L8	N 51°04'44" E	23.61'
L9	N 66°54'07" E	24.90'
L10	N 25°22'52" W	38.11'

Curve	Radius	Length	Chord	C
C1	50.00'	34.78'	34.09'	N

50 0 50 100 150

GRAPHIC SCALE – FEET



MICHAEL ATHANAS & ASSOCIATES
LICENSED SOIL SCIENTIST
1999 CANDLEWICK DRIVE
FORT MILL, S.C. 29715
803-802-4403 (office)
803-802-4402 (fax)

Reference: Data Sheet for The Point, Sec. II, Lot 251
House Footprint: 70' x 70'
Building Setbacks: 146.6' front, 15' side, 50' lake
Water Source: Community Well
Number of Bedrooms: 4/480 GPD
Proposed LTAR: 0.3 GPD/FT2
Proposed System Type: PPBPS
Proposed Repair System Type: PPBPS
Distribution: Low Pressure
Flow per Orifice: 0.41 GPM
Orifice Size: 5/32"
System Flow: 25.4 GPM
Dosing Volume: 223.2 gallons
Pump Run Time: 8.8 minutes
Elevation Head: 28.4'
Friction Head: 2.4'
Pressure Head: 2'
Total Dynamic Head: 32.8'
Supply Line Length: 180'
Septic/Pump Tank Size: 1500/1500 gallons
Proposed Trench Bottom: 36"

Line	Design Length	Panels	Actual Length	Elevation
White 1			45'	1.6'
Orange 2	**85'**	**19**	**87'**	**2.1'**
Blue 3	**90'**/36'	**21**	**131'**	**3.0'**
Pink 4	**95'**/40'	**22**	**140'**	**4.1'**
Red 5			45'	5.1'
Orange 6			60'	8.0'
White 7			45'	4.6'

Initial System: 270' **Repair System:** 271'
Pump Tank: 25.5' **House Corner:** 23.6' **Benchmark:** 3.7'

Comments:
There were 3 additional auger borings not shown in the soil notes/site plan. These borings all had auger refusal between 30"-36", therefore we excavated soil observations.

DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH
ON-SITE WASTEWATER SECTION

Sheet ___ of ___
PROPERTY ID #: _____
COUNTY: _____

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: _____ APPLICATION DATE_____
ADDRESS:_____ DATE EVALUATED: _____
PROPOSED FACILITY: _4 bdrm_____ PROPOSED DESIGN FLOW (.1949): _480 GPD____ PROPERTY SIZE: _____
LOCATION OF SITE: _The Point Lot 251_____ PROPERTY RECORDED: _____
WATER SUPPLY: Private Ξ Public Ξ Well Spring Other _____
EVALUATION METHOD: Ξ Auger Boring Ξ Pit Cut TYPE OF WASTEWATER: Ξ Sewage Industrial Process Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON 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	
PIT 1	LS 7%	0-16	Br SCL WSBK	FR SS SP		48"			PS 0.3
		16-40	R C SBK	FR SS SP			F-C SAP		
		40-48	R CL WSBK	FR SS SP					
PIT 2	LS 3%	0-5	Br SCL WSBK	FR SS SP		32"	PS		PS 0.3-0.5
		5-32	R C SBK	FR SS SP					
		32-68	Ver LS SAP M	VFR NS NP					
PIT 3	LS 5%	0-6	Br SCL WSBK	FR SS SP		36"	PS		PS 0.3-0.4
		6-36	R C SBK	FR SS SP					
		36-60	Ver SL SAP M	VFR SS SP					
PIT 4	LS 10%	0-12	Br SCL WSBK	FR SS SP		51"			PS 0.3-0.4
		12-25	R C SBK	FR SS SP			F-C SAP		
		25-51	R CL WSBK	FR SS SP					
		51-60	Ver SL SAP M	FR SS SP			PS		

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	810 FT2	810 FT2
System Type(s)	PPBPS	PPBPS
Site LTAR	0.3	0.3

OTHER FACTORS (.1946): _____
SITE CLASSIFICATION (.1948): _____

EVALUATED BY: _M A & Associates_____
OTHER(S) PRESENT: _____

COMMENTS:_____

SOIL/SITE EVALUATION

(Continuation Sheet)

Sheet ___ of ___

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

PROPERTY ID #: _____
DATE OF EVALUATION: _____
COUNTY: _____

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON 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	
AB 1	LS 7%	0-16	Br SCL WSBK	FR SS SP		48"			PS 0.3
		16-48	R C SBK	FR SS SP					
AB 2	LS 10%	0-4	Br SCL WSBK	FR SS SP		40"			PS 0.3-0.4
		4-25	R C SBK	FR SS SP					
		25-40	R CL WSBK	FR SS SP			F-C SAP		
		40-48	Ver SL SAP M	VFR SS SP					

COMMENTS: _____

Paid $350.00 Statesville PN 12-18-13

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 1: *APPLICATION FORM*

Paid $500.00 1-17-14

Application For:

( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment

(X) 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:

Applicant Name: Craig Dubois **Address:** 1999 Candlewick Dr Fort Mill SC 29715 **Phone:** 704 510 1855

Owner Name: Richard Repass **Address:** 127 Cheshire Ln Mooresville NC 28147 **Phone:**

Property Information:

Street Address: 206 Brawley Harbor

Subdivision Name: Point **Section/Phase:** 2 **Lot Number:** 251

Driving Directions: BSR, TL Brawley Harbor, @ End

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

(X) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition

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

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

Non-Residential Site Development:

Type of Business: _____
Square Footage of Building: _____
Maximum Number of Employee: _____
Maximum Number of Seats/Beds/Other: _____

Water Supply:

( ) 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:** _____

(X) 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: _____ 12/18/2013

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

IREDELL COUNTY HEALTH DEPARTMENT

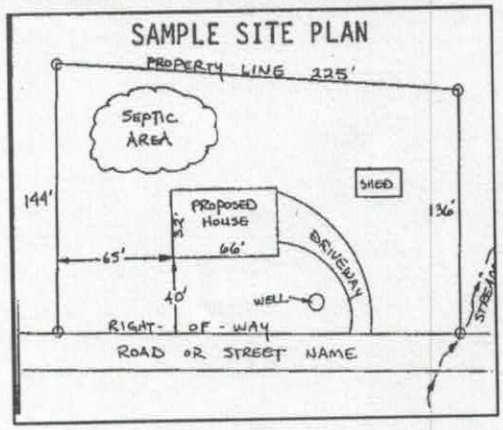
ENVIRONMENTAL HEALTH DIVISION

PAGE 2: *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**
- ( ) **Front and side setbacks from property line**
- ( ) **Preferred driveway location and 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

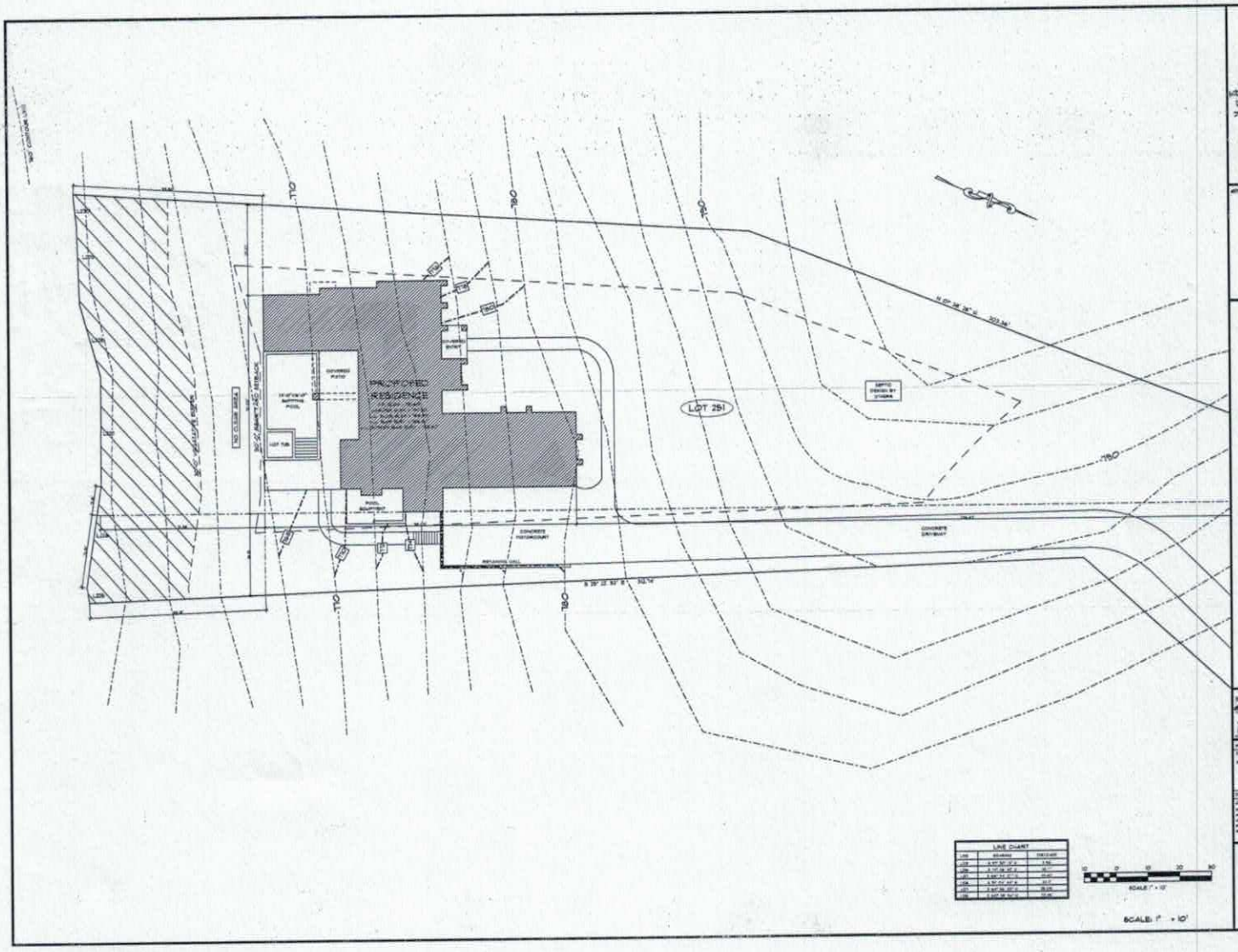
Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site

See attached Plan

Signature: _____ 12/18/2013

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

Acknowledgement Of
Plan Submittal ONLY!
Date 11-15-16



KH
KHRESIDENTIAL
DESIGN@AOL.COM
704-718-0506
N.C.B.D.C

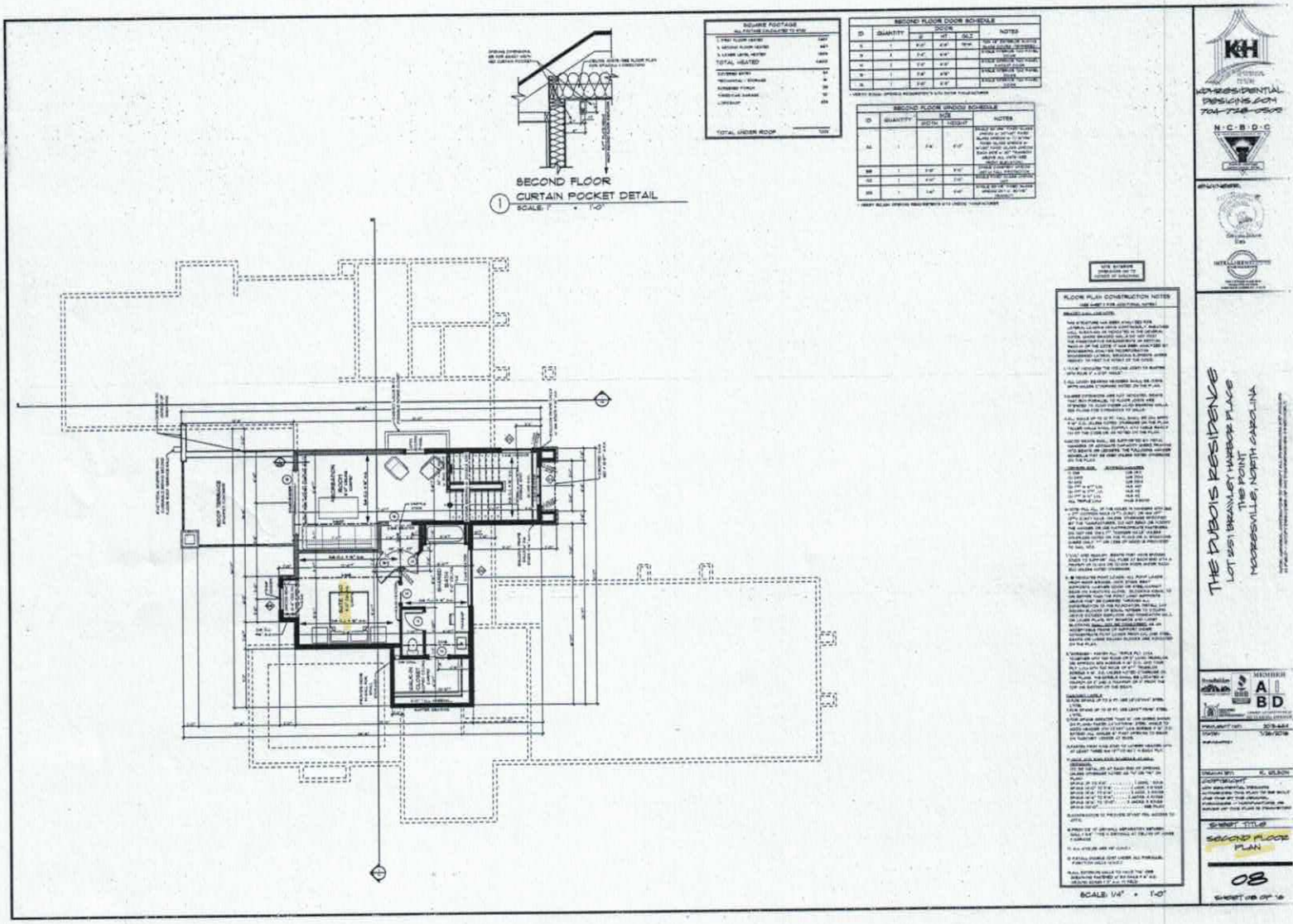
THE DUBOIS RESIDENCE
LOT 251 BEAMLEY HARBOR PLACE
THE POINT
MOORESVILLE, NORTH CAROLINA

MEMBER
A
B D

SITE PLAN

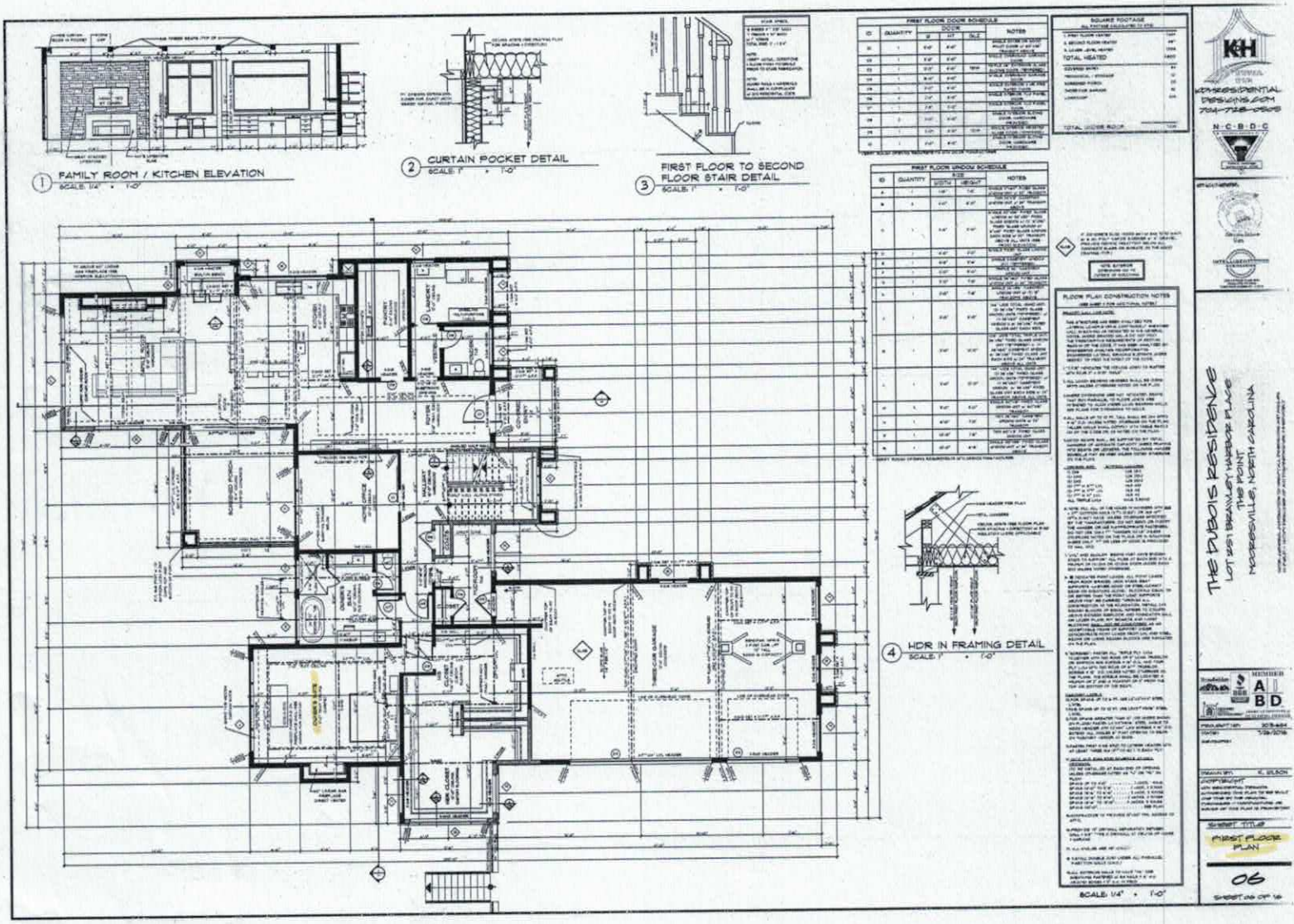
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Acknowledgement Of
Plans Submitted ONLY!
Date 11/15/16
Date 11-15-16

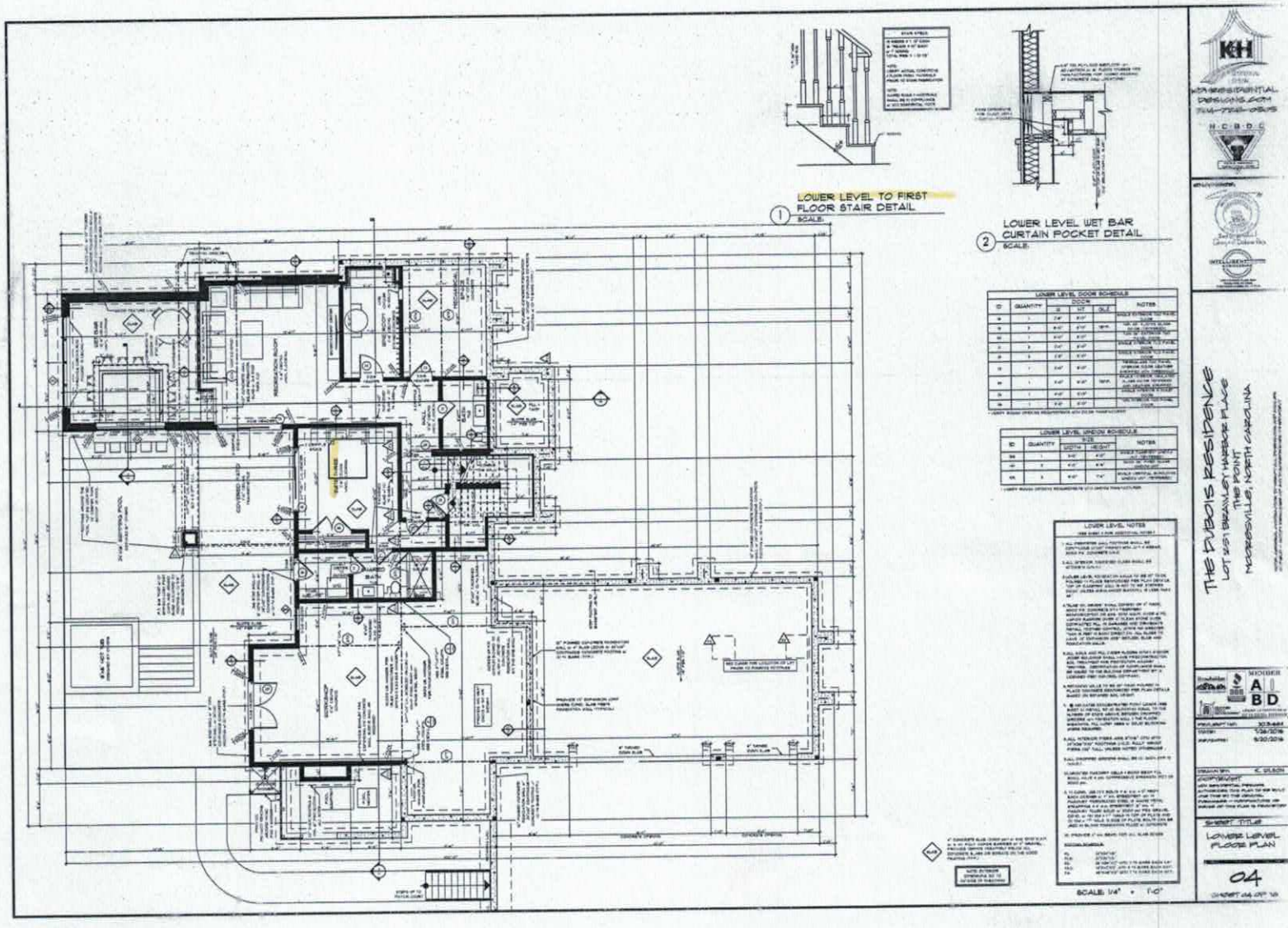


The Point #251

Acknowledgement Of
Plans Submittal ONLY!
Inspector Dobson 11/15/16
Date 11-15-16



Acknowledgement Of
Plans Submitted ONLY!
Date 11/15/16
11-15-16



IREDELL COUNTY

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

APPLICATION NUMBER
200823
Issue Date: 12/18/2013

FILE COPY

ZONING PERMIT

Open Space

Parcel Number	Street Address	Jurisdiction
4635082742.000	206 BRAWLEY HARBOR PLACE, MOORESVILLE, NC 28117	MOORESVILLE

Owner Information	Applicant Information
Owner: RESPESS RICHARD C+SANDRA B	Applicant: MICHAEL ATHANAS & ASSO
Address: 127 CHESHIRE LANE MOORESVILLE, NC 28117	Address: 1999 CANDLEWICK DRIVE FORT MILL, SC 29715
Phone:	Phone: 704-576-3887

Use Requested	Zone Code
SFD	RACU

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
.960	35.00	50.00	15.00	15.00	CACL	AE

Remarks:

PAID
2039 12-19-13

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: 12/18/2013

Permit Number	3399	TOTAL FEES:	$ 77.25