S.R. 1240
ROBIN W. BORDEN
O.R. 111, PG. 1
N15°32'35"E
125.00'
S35°05'00"W
125.00'
N35°05'00"E
125.00'
N71°57'04"W
161.49'
N14°01'58"W 231.7
140.00'
S76°08'01"W 336.01' TOTAL
122.52'
213.49'
S76°08'01"W
275.37'
S13°53'52"E
N76°41'50"E
134.80' TOTAL
103.80'
31.00'
10' EASEMENT FOR LOT 173
35' FRONT SETBACK
S27°22'47"E
158.91'
60' PUBLIC ROAD R/W
O.R. 949, PG. 807
1.74 ac.
1.23 ac.
1.10 ac.
1.08 ac.
C1
C2
C3
C7
LOT 174
LOT 175
LOT 176
LOT 177
176
176
156

Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1-2
Property ID: 4637-31-0561
Lot #: 39
File #:
AppID:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: William Royster
Address: 269 Petermote Rd Mooresville NC 28117
Proposed Facility: 4 Bdrm Residence Design Flow (.1949) 480gpd
Location of Site: 274 Petermote Rd Mooresville NC 28117

Applicant: IQ Custom Construction
Date Evaluated: 12-13-13
Property Size: 1.08ac
Property Recorded: Yes

Water Supply: [ ] Public [ ] Individual [ ] 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 Structure/ Texture	SOIL MORPHOLOGY .1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
B 1	SS 6-7%	0-8	B SCL Gr	Fr SS SP SE/P					
		8-48	R C WFSBK	Fr SS SP SE/P	Com Mica, few sap > 44"	48"	—	—	PS .3
B 2	SS 10%	0-3	B SCL Gr	Fr SS SP SE/P					
		3-29	R CL WFSBK	Fr SS SP SE/P	few sap com sap	48"	—	—	PS .3
		29-48	VR CL WFSBK	Fr SS SP SE/P					
B 3	SS 15%	0-6	B SCL Gr	Fr SS SP SE/P					
		6-42	R C WFABK/SBK	Fr SS SP SE/P	few Mn/Yb mottles	48"	—	—	PS .25
		42-48	R CL WFSBK	Fr SS SP SE/P	Com Mica				
B 4	SS 5-6%	0-8	B SCL Gr	Fr SS SP SE/P					
		8-40	R C WFSBK	Fr SS SP SE/P		48"	—	—	PS .3
		40-48	R CL WFSBK	Fr SS SP SE/P	Com Sap + Mica				

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	25% Red	LP PPBPS
Site LTAR	0.3	0.25

Other Factors (.1946): None
Soil Evaluation By: ALP
Others Present: None
Site Classification (.1948): PS
Site Evaluation By: ALP
Others Present: None

Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 2-2
Property ID: 4637-31-0561
Lot #: 39
File #:
AppID:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

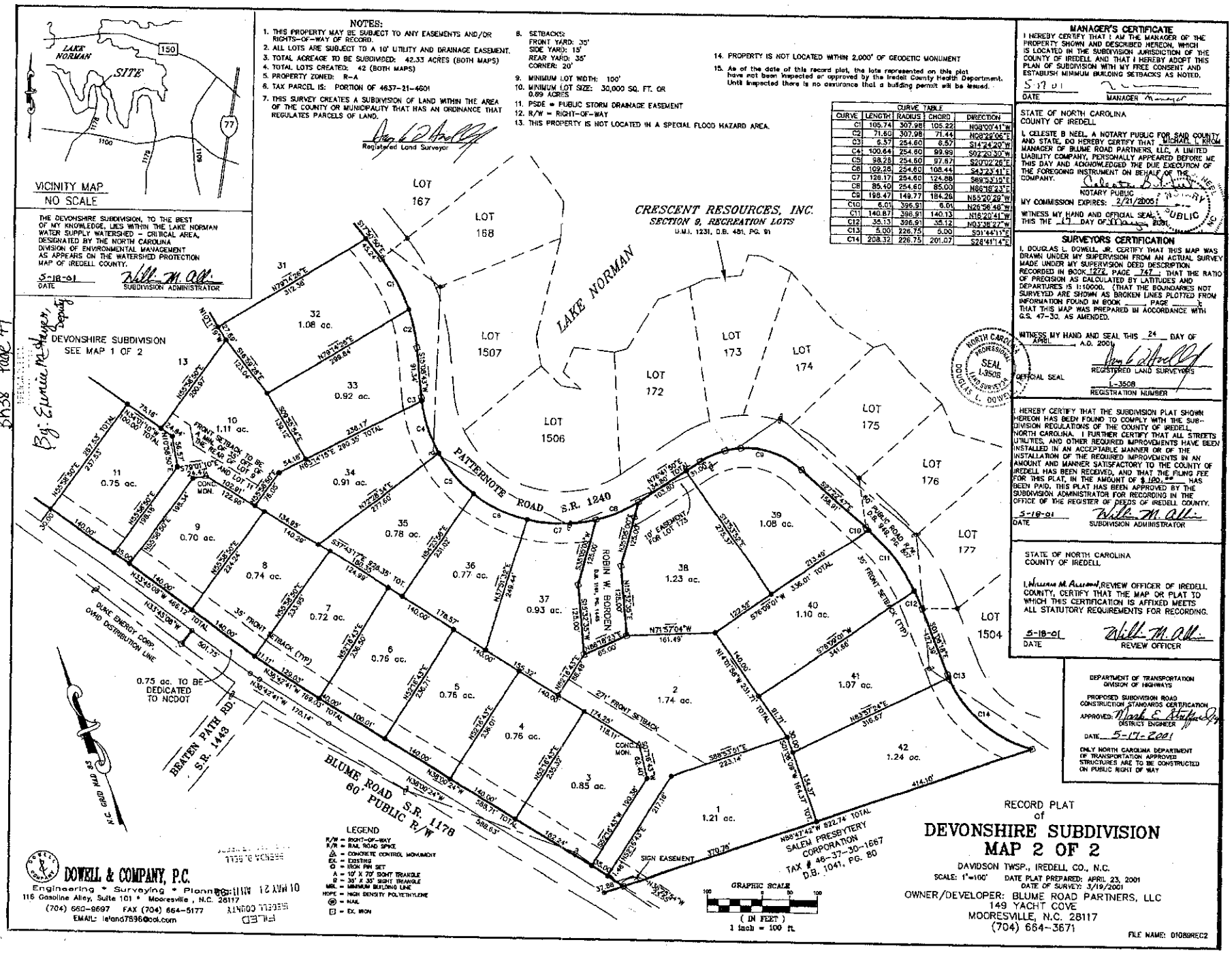
Owner: William Royster
Address: 269 Patternote Rd Mooresville NC 28117
Proposed Facility: 4 Brm Residence Design Flow (.1949) 480gpd
Location of Site: 274 Patternote Rd Mooresville NC 28117
Water Supply: [ ] Public [~~Individual~~] [~~Well~~]
Evaluation Method: [~~Auger Boring~~] [ ] Pit
Type of Wastewater: [~~Sewage~~] [ ] Industrial Process

Applicant: IA Custom Construction
Date Evaluated: 12-13-13
Property Size: 1.08ac
Property Recorded: Yes
[ ] Spring [ ] Other
[ ] Cut
[ ] Mixed

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 Structure/ Texture	SOIL MORPHOLOGY .1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
B 5	SS 5%	0-6	B SCL GR	Fr SS SP SE SP		48"	-	-	PS .3
		6-48	RC W FSCL	Fr SS SP SE SP					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	25% Red	LP PPBPS
Site LTAR	0.3	0.25

Other Factors (.1946): None
Soil Evaluation By: ALP
Others Present: None
Site Classification (.1948): PS
Site Evaluation By: ALP
Others Present: None



CURVE TABLE				
CURVE	LENGTH	RADIUS	CHORD	DIRECTION
C1	105.74	307.98	105.22	N08°00'41"W
C2	71.80	307.98	71.44	N08°29'06"E
C3	6.57	254.60	6.57	S14°24'29"W
C4	100.64	254.60	99.99	S02°20'30"W
C5	98.28	254.60	97.67	S20°02'28"E
C6	109.28	254.60	108.44	S43°23'41"E
C7	126.17	254.60	124.88	S69°53'19"E
C8	85.40	254.60	85.00	N86°18'23"E
C9	198.47	149.77	184.26	N55°20'29"W
C10	6.01	396.91	6.01	N26°56'48"W
C11	140.87	396.91	140.13	N16°20'41"W
C12	35.13	396.91	35.12	N03°35'27"W
C13	5.00	226.75	5.00	S01°44'11"E
C14	208.32	226.75	201.07	S28°41'14"E

MANAGER'S CERTIFICATE
I HEREBY CERTIFY THAT I AM THE MANAGER OF THE PROPERTY SHOWN AND DESCRIBED HEREON, WHICH IS LOCATED IN THE SUBDIVISION JURISDICTION OF THE COUNTY OF IREDELL AND THAT I HEREBY ADOPT THIS PLAN OF SUBDIVISION WITH MY FREE CONSENT AND ESTABLISH MINIMUM BUILDING SETBACKS AS NOTED.
5-17-01
DATE
MANAGER

STATE OF NORTH CAROLINA
COUNTY OF IREDELL
I, CELESTE B NEEL, A NOTARY PUBLIC FOR SAID COUNTY AND STATE, DO HEREBY CERTIFY THAT MICHAEL L KROM MANAGER OF BLUME ROAD PARTNERS, LLC, A LIMITED LIABILITY COMPANY, PERSONALLY APPEARED BEFORE ME THIS DAY AND ACKNOWLEDGED THE DUE EXECUTION OF THE FOREGOING INSTRUMENT ON BEHALF OF THE COMPANY.
NOTARY PUBLIC
MY COMMISSION EXPIRES: 2/21/2005
WITNESS MY HAND AND OFFICIAL SEAL, THIS THE 17 DAY OF May 2001.

SURVEYORS CERTIFICATION
I, DOUGLAS L. DOWELL, JR. CERTIFY THAT THIS MAP WAS DRAWN UNDER MY SUPERVISION FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DEED DESCRIPTION RECORDED IN BOOK 1272, PAGE 747; THAT THE RATIO OF PRECISION AS CALCULATED BY LATITUDES AND DEPARTURES IS 1:10000. (THAT THE BOUNDARIES NOT SURVEYED ARE SHOWN AS BROKEN LINES PLOTTED FROM INFORMATION FOUND IN BOOK ____ PAGE ____; THAT THIS MAP WAS PREPARED IN ACCORDANCE WITH G.S. 47-30, AS AMENDED.
WITNESS MY HAND AND SEAL THIS 24 DAY OF APRIL, A.D. 2001
OFFICIAL SEAL
REGISTERED LAND SURVEYORS
L-3508
REGISTRATION NUMBER
SEAL L-3508 DOUGLAS L. DOWELL

I HEREBY CERTIFY THAT THE SUBDIVISION PLAT SHOWN HEREON HAS BEEN FOUND TO COMPLY WITH THE SUBDIVISION REGULATIONS OF THE COUNTY OF IREDELL, NORTH CAROLINA. I FURTHER CERTIFY THAT ALL STREETS UTILITIES, AND OTHER REQUIRED IMPROVEMENTS HAVE BEEN INSTALLED IN AN ACCEPTABLE MANNER OR OF THE INSTALLATION OF THE REQUIRED IMPROVEMENTS IN AN AMOUNT AND MANNER SATISFACTORY TO THE COUNTY OF IREDELL HAS BEEN RECEIVED, AND THAT THE FILING FEE FOR THIS PLAT, IN THE AMOUNT OF $ 120.00 HAS BEEN PAID. THIS PLAT HAS BEEN APPROVED BY THE SUBDIVISION ADMINISTRATOR FOR RECORDING IN THE OFFICE OF THE REGISTER OF DEEDS OF IREDELL COUNTY.
5-18-01
DATE
SUBDIVISION ADMINISTRATOR

STATE OF NORTH CAROLINA
COUNTY OF IREDELL
I, WILLIAM M. ALLISON, REVIEW OFFICER OF IREDELL COUNTY, CERTIFY THAT THE MAP OR PLAT TO WHICH THIS CERTIFICATION IS AFFIXED MEETS ALL STATUTORY REQUIREMENTS FOR RECORDING.
5-18-01
DATE
REVIEW OFFICER

DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED SUBDIVISION ROAD CONSTRUCTION STANDARDS CERTIFICATION
APPROVED: Mark E. Kirkpatrick
DISTRICT ENGINEER
DATE 5-17-2001
ONLY NORTH CAROLINA DEPARTMENT OF TRANSPORTATION APPROVED STRUCTURES ARE TO BE CONSTRUCTED ON PUBLIC RIGHT OF WAY

RECORD PLAT
of
DEVONSHIRE SUBDIVISION
MAP 2 OF 2
DAVIDSON TWSP., IREDELL CO., N.C.
SCALE: 1"=100' DATE PLAT PREPARED: APRIL 23, 2001
DATE OF SURVEY: 3/19/2001
OWNER/DEVELOPER: BLUME ROAD PARTNERS, LLC
149 YACHT COVE
MOORESVILLE, N.C. 28117
(704) 664-3671
FILE NAME: 01089REC2

DOWELL & COMPANY, P.C.
Engineering * Surveying * Planning
115 Gasoline Alley, Suite 101 * Mooresville, N.C. 28117
(704) 660-9697 FAX (704) 664-5177
EMAIL: leland7896@aol.com

FILED
IREDELL COUNTY
01 MAY 21 AM 11:30
BK38 Page 49
By: Eunice McIntyre, Deputy

FILED
IREDELL COUNTY
01 MAY 21 AM 10

Iredell County
Planning & Enforcement
349 N. Center St. PO Box 788
Statesville, NC 28687
704-878-3113

Zoning Permit

Permit Number: 181798ZO

Printed: 11/4/2013

Master #: 181798

Associated Permits:

181798ZO Zoning

Applicant

Name: IQ Custom Construction Inc **Phone:** (704) 400-6472

Address: 840 Edmiston Rd.
Mount Ulla, NC 28125

Parcel

Parcel Number: 4637310561.000 **Zoning:** RA

Address: 274 PATTERNOTE Pt **Township:** 1700
MOORESVILLE, NC 28117 **Area:**

Subdivision: **Lot(s):** 39

Directions to Parcel: BRAWLEY SCHOOL, RIGHT ON BLUME ROAD, RIGHT ON PATTERNOTE- PARCEL ON RIGHT

Owners

Name: WILLIAM ROYSTER

Address:

$ PAID

Contractors

Contractor Type: Building

Name: IQ Custom Construction Inc **Phone:** (704) 400-6472

Address: 840 Edmiston Rd.
Mount Ulla, NC 28125

5094

Fees and Receipts:

Number	Description	Amount
FEE-300654-07	Zoning - Permit Application	$75.00
FEE-300655-07	Technology Fee - Planning	$2.25
FEE-300656-07	Environmental Health - Gravity System	$500.00

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 1: *APPLICATION FORM*

Application For:

( ) Septic Improvement Permit (✓) New Well Permit (✓) Authorization to Construct ( ) Well Repair Permit ( ) Existing System Inspection ( ) Well Abandonment ( ) 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:

Place an (X) beside whichever is submitted if applicable

( ) Survey Plat, scaled no more than 1 inch = 60 feet

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

Applicant Information:

Applicant Name: IQ Custom Construction Address: 840 Edmiston Rd Mount Ulla NC 28125 Phone: 980 297-2329

Owner Name: Jason Slagle Address: " " Phone: 704 400 6472

Property Information:

Street Address: 274 Patternote Rd

Subdivision Name: Devonshire Section/Phase: _____ Lot Number: 39

Driving Directions: 77 South to Exit 35 (Brawley Sch. rd) Right onto brawley school rd right into Home rd right onto Patternote rd, lot on right 3/4 of a mile

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

(✓) 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
( ) 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 ( ) 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: Jason Slagle
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

1/8/14
DATE

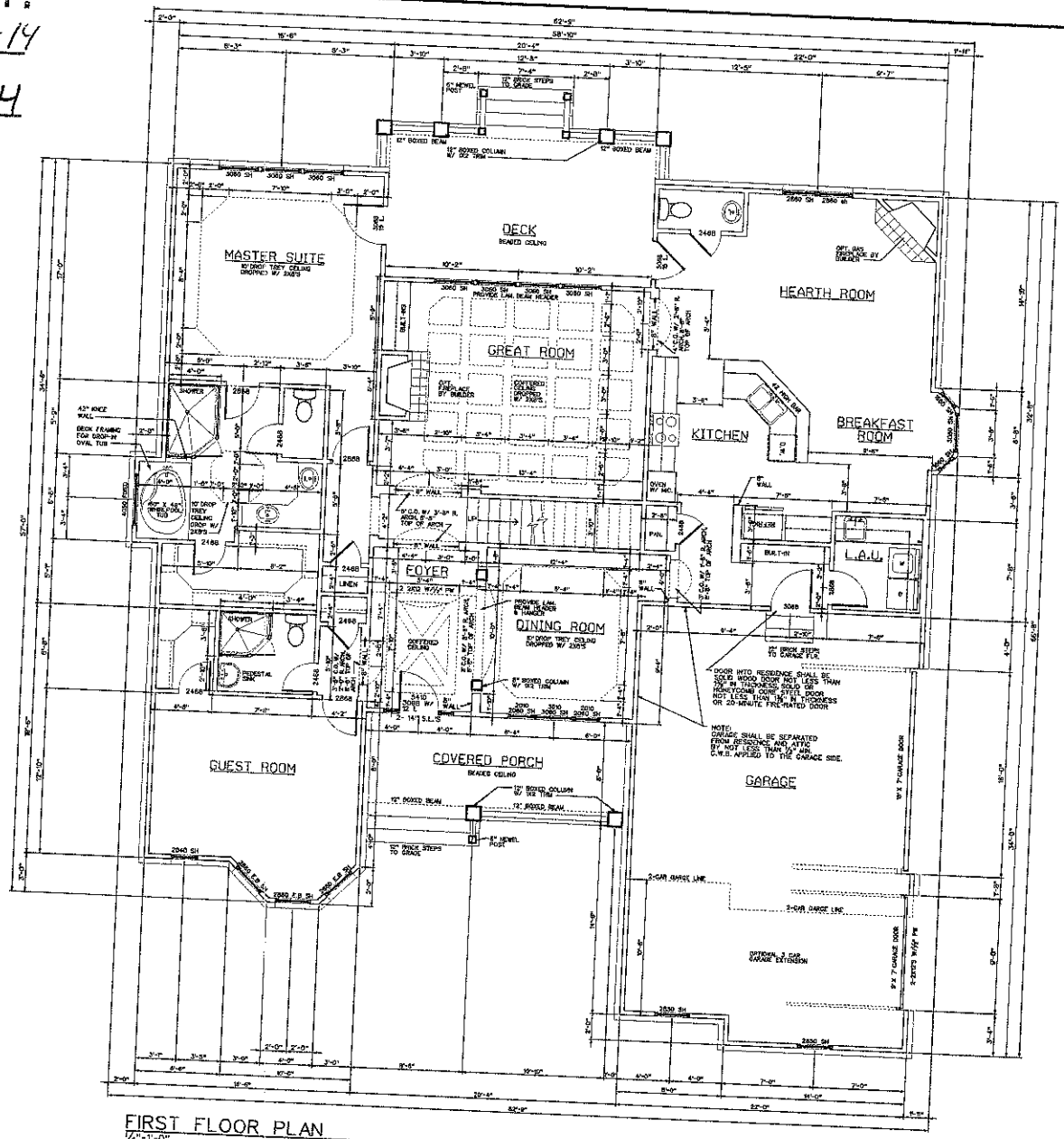
Acknowledgement Of
~~Plans Submittal ONLY!~~
17-M17 Date 1-3-14
~~Date 1-9-14~~

AREA CALCULATIONS

FIRST FLOOR HEATED AREA	2,350 SQ.FT.
SECOND FLOOR HEATED AREA	
MAIN SECOND FLOOR	1,235 SQ.FT.
OPTIONAL FLEX ROOM	235 SQ.FT.
BONUS ROOM (3-CAR GARAGE)	440 SQ.FT.
TOTAL HEATED AREA	4,260 SQ.FT.
BONUS ROOM (2-CAR GARAGE)	275 SQ.FT.
TOTAL HEATED AREA W/ 2-CAR BONUS ROOM	4,095 SQ.FT.
UNHEATED AREA	
3-CAR GARAGE	730 SQ.FT.
FRONT PORCH	160 SQ.FT.
REAR PORCH	250 SQ.FT.
TOTAL UNHEATED AREA	1,140 SQ.FT.
OPTIONAL 2-CAR GARAGE	495 SQ.FT.
TOTAL UNHEATED AREA W/ 2-CAR GARAGE	905 SQ.FT.

GENERAL NOTES

1. GLAZING REQUIREMENTS - GLAZING IN HAZARDOUS LOCATIONS PER R308.4 NCSRBC SHALL HAVE TEMPERED SAFETY GLASS. LOCATIONS INCLUDE, BUT NOT LIMITED TO:
   1. GLAZING IN ALL FIXED AND OPERABLE PANELS OF SWINGING, SLIDING AND BI-FOLD DOORS (EXCEPT DECORATIVE GLASS).
   2. GLAZING IN FIXED OR OPERABLE PANELS ADJACENT TO A DOOR.
   3. GLAZING IN FIXED OR OPERABLE PANELS LARGER THAN 9 SQ.FT. WHERE BOTTOM EDGE IS LESS THAN 18" A.F.F. AND THE TOP EDGE IS OVER 36" A.F.F.
2. STAIR REQUIREMENTS:
   1. STAIR WIDTH SHALL NOT BE LESS THAN 36"
   2. HEADROOM SHALL NOT BE LESS THAN 6'-8"
   3. MAX. RISER HT. = 8½"
   4. MIN. TREAD DEPTH = 9"
   5. PROVIDE NOSINGS NOT LESS THAN ¾" OR MORE THAN 1½" W/ MAX. ⅝" RADIUS
3. PROVIDE LANDING AT TOP AND BOTTOM OF STAIRS. WIDTH OF LANDING SHALL NOT BE LESS THAN WIDTH OF STAIR
4. HANDRAILS SHALL BE PROVIDED ON AT LEAST ONE SIDE OF STAIR WITH FOUR OR MORE RISERS. HANDRAIL HT. SHALL BE NOT LESS THAN 30" AND NOT MORE THAN 38". HANDRAILS SHALL BE CONTINUOUS FOR ENTIRE LENGTH OF STAIR. HANDRAIL ENDS SHALL RETURN OR TERMINATE IN A NEWEL POST OR SAFETY TERMINALS. HANDRAILS SHALL HAVE AT LEAST 1½" BETWEEN THE WALL AND THE HANDRAIL
5. PORCHES, BALCONIES, RAMPS OR RAISED FLOOR SURFACES LOCATED MORE THAN 30" ABOVE THE FLOOR OR GRADE BELOW SHALL HAVE GUARDS NOT LESS THAN 36" IN HT. OPEN SIDES OF STAIRS WITH A TOTAL RISE OF MORE THAN 30" ABOVE THE FLOOR OR GRADE BELOW SHALL HAVE GUARDS NOT LESS THAN 30" IN HT. MEASURED VERTICALLY FROM THE NOSING OF THE TREADS. GUARDS SHALL HAVE RAILS OR ORNAMENTAL CLOSURES WHICH DO NOT ALLOW PASSAGE OF AN OBJECT 6" OR MORE IN DIAMTER. HORIZONTAL SPACING BETWEEN VERTICAL MEMBERS IN GUARDS SHALL BE A MAXIMUM OF 4" TO THE NEAREST POINT BETWEEN MEMBERS
6. PROVIDE CORROSION RESISTANT FLASHING PER R703.8, NCSRBC, AT ALL EXTERIOR WINDOWS & DOORS, INTERSECTION OF MASONRY CONSTRUCTION WITH FRAME WALLS, UNDER AND AT THE ENDS OF MASONRY, WOOD OR METAL COPINGS OR SILLS, CONTINUOUSLY ABOVE ALL PROJECTING WOOD TRIM, WHERE EXTERIOR PORCHES, DECKS OR STAIRS ATTACH TO A WALL OR FLOOR ASSEMBLY OF WOOD-FRAME CONSTRUCTION, AT WALL AND ROOF INTERSECTIONS AND AT BUILT-IN GUTTERS.
7. INSULATION SHALL BE AS FOLLOWS:
   CLIMATE ZONE 3
   EXTERIOR WALLS R-13
   CEILINGS R-30
   CLIMATE ZONE 4
   EXTERIOR WALLS R-15 OR R-13+R2.5ci
   CEILINGS R-38 OR R-30ci
   CLIMATE ZONE 5
   EXTERIOR WALLS R-15, R-13+R-5ci OR R-15+R-3ci
   CEILINGS R-38 OR R-30ci



FIRST FLOOR PLAN
1/4"-1'-0"

Wilbur Associates
Architecture / Planning
P.O. Box 428 - 20644 N. Zion St.
Cornelius, N.C. 28031
704-895-5635

NOTE
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SEAL

TITLE

PLANS FOR
THE TUSKARORA

COMM. NO. 1240
DATE 4/12/13
REVISIONS

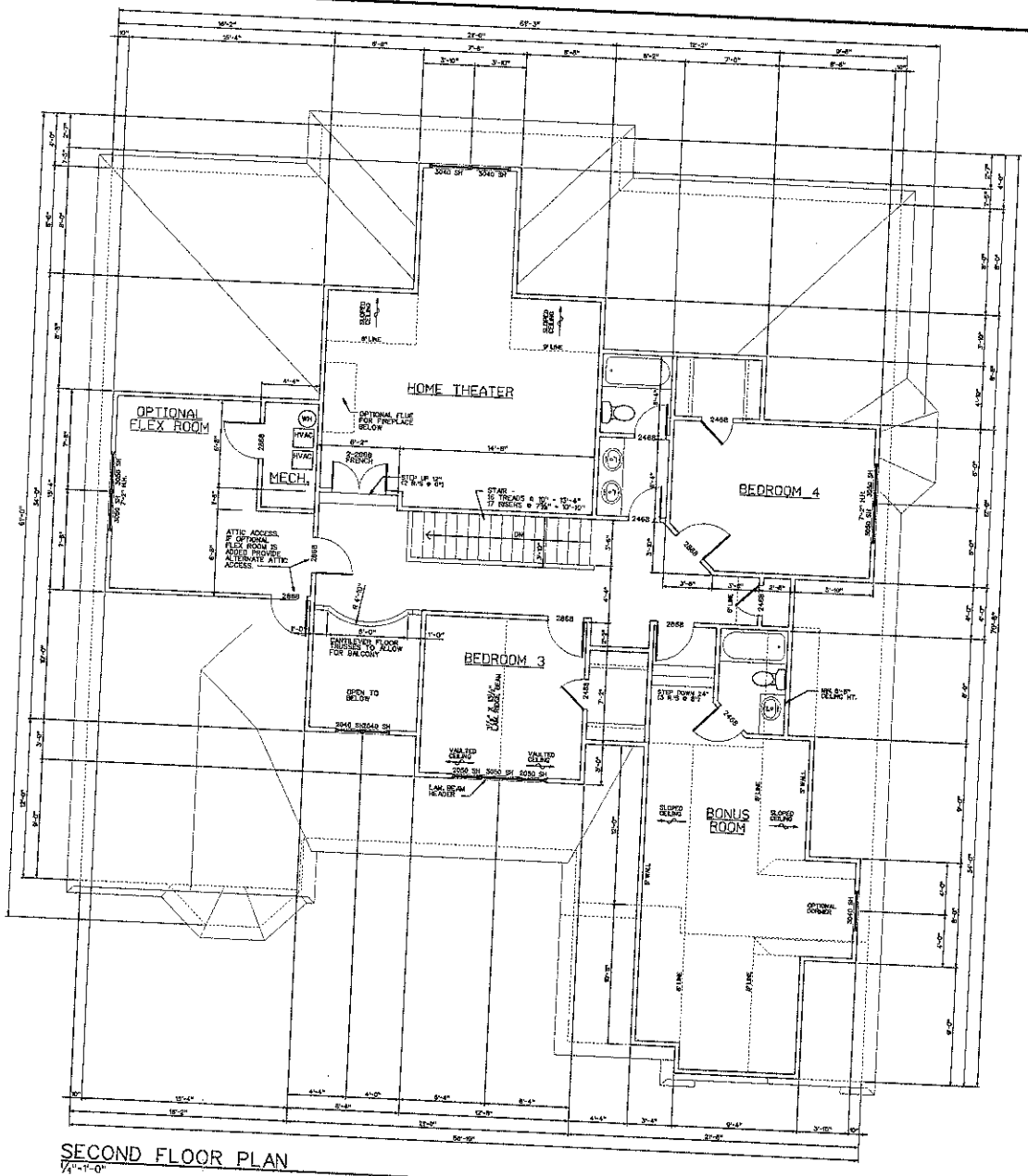
SHEET
A-1
OF
5

AREA CALCULATIONS	
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OPTIONAL 2-CAR GARAGE	495 SQ.FT.
TOTAL UNHEATED AREA W/ 2-CAR GARAGE	905 SQ.FT.

Acknowledgement Of Plans Submittal ONLY!

17-m17 Date 1-3-14

RA Date 1-9-14



SECOND FLOOR PLAN
1/4"=1'-0"

Wilber Associates
Architecture / Planning
P.O. Box 428 - 20044 N. Zion St.
Cornelius, N.C. 28031
704-892-5552

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SEAL

TITLE

PLANS FOR
THE TUSKARORA

CONT. NO. 1240
DATE 4/12/13
REVISIONS

SHEET
A-2
OF
5