IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 226352

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

PIN # 4625774399

APPLICANT: Arcadia Homes APPLICANT ADDRESS: 6428 Bannington Rd Charlotte NC 28226

SITE ADDRESS: 102 Brownstone Dr Mooresville, NC PHONE: ALT. PHONE: 704 412-4136

SITE DIRECTIONS: Brawley School Rd TR Marstons Mill TL White Horse TL Ballston TR Brownstone at end

SUBDIVISION: The Point ON NORMAN SECTION: 4 LOT # 443 LOT AREA: 1.118 Acres DESIGN FLOW: 600gpd L.T.A.R.: .3

Existing

Septic Tank	Ex 1500 (gal)	STB 338	Date	☐ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms 5	Water Supply
Pump Tank	Ex 1500 (gal)	PT 477	Date	System Description: Exist Pump (Pm) EZ Flow				☐ Business	No. Persons	☐ Private
Pump Make		Model	Serial #	Repair System Description: Pump (Pm) 25% Reduct.				☐ Other	No. Employees	☒ Public
# Nitrification Fields	1	# Lines	4 @ 125'	Linear Ft: 500	Maintenance Agreement Required:	☐ YES	☒ NO	☐ Slab	☒ Crawl Space	☒ Community
Trench Width	36"	Max. Trench Bottom Depth	36"	Gravel Depth N/A		☐ GRAVITY	☒ PRESSURE	☐ Basement w/plumbing	☐ Basement w/o plumbing	

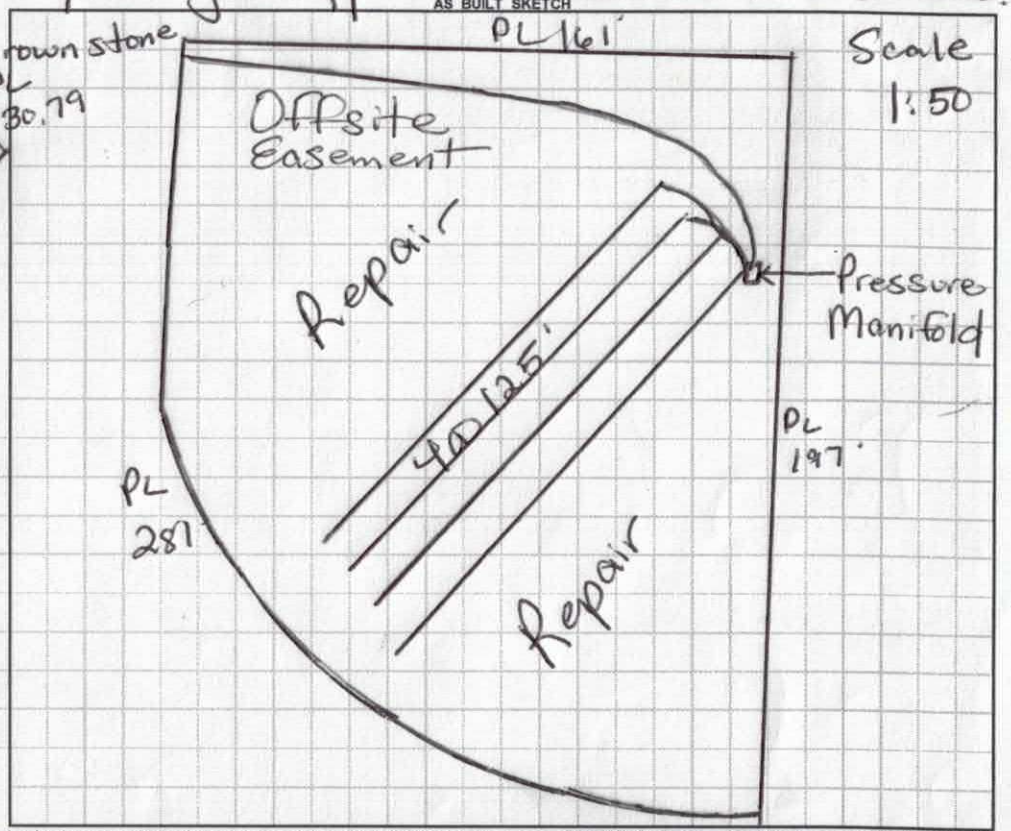
Comments / Conditions: *Must keep proposed house at least 5ft from existing tanks *No Vehicular traffic over Septic System.

Existing Septic System appears to be functioning Ok at time of inspection. When new house is connected to existing Septic System, pressure head must be rechecked

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: 5-2-17 Installed by:

IMPROVEMENT PERMIT by: Date: OPERATION PERMIT by: Date:

AUTHORIZATION TO CONSTRUCT by: Date: Existing System Inspected by: Maria Dotson Date: 5/1/17

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

RECEIVED APR 17 2017

Paid $250.00 online

226352

Please CALL prior to inspection

Name: John Gump

Number: 704-488-0612

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 1: *APPLICATION FORM*

Application For: ( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment
( ) Septic Improvement Permit ( ) Authorization to Construct (X) 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: (X) 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: Arcadia Homes Address: 6428 Bannington Rd. 28226 Charlotte NC Phone: 704-412-4130
Owner Name: Michael + Kim Nelson Address: 121 Kelly Cove Ct. Mooresville NC 28117 Phone:

Property Information:
Street Address: 102 Brookestone Dr Mooresville NC 28117
Subdivision Name: The Point Section/Phase: Lot Number: 443
Driving Directions: USE GPS

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: 5
Maximum Number of Occupants:
( ) Swimming Pool
( ) Other Addition/Structure:

(X) 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 (X) City Water ( ) Other Public Water

Desired Septic System Type: *(you may rank in order of preference)* Year existing system installed: 2008
( ) 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 (X) 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: [signature] 4-10-17
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) 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, Michael Nelson, am the legal owner(s) of the property located at 102 Brownstone Drive Mooresville NC 28117, identified as PIN (Parcel Identification Number) 4625774399, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Arcadia Homes, 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	Signature of Witness	Date
	4/11/17		4-11-17

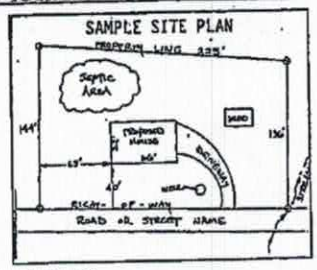
Please return this signed form to the appropriate office:

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
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:

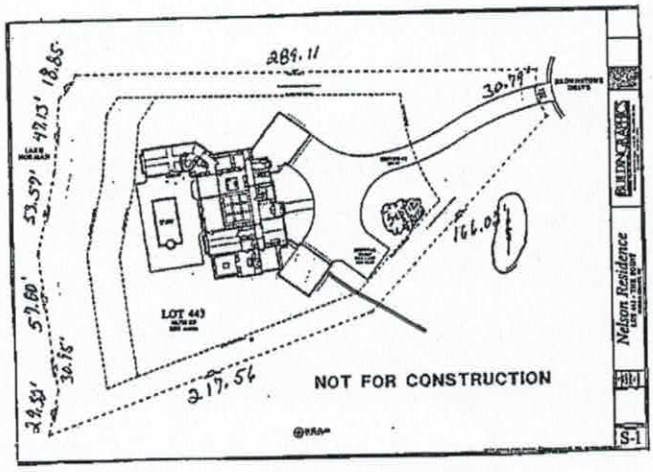
- (X) Property Line measurements are clearly identified
- (X) All proposed structures are indicated
- ( ) Front and side setbacks from property line
- ( ) Preferred driveway location and well location
- ( ) Area you prefer your septic system to be placed
- ( ) North arrow, or other sufficient indicator 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



Signature: _____
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

4-10-17
DATE

IREDELL COUNTY HEALTH DEPARTMENT

STATESVILLE 704-878-5305 MOORESVILLE 704-664-5281

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

PERMIT# 142105 PIN# 4625774399 DATE 5-4-07

OWNER OR APPLICANT Kenneth Bealer Homes PHONE: Business 746-4669 Home Molly 507-0700

ADDRESS P.O. Box 3398 Mooresville, NC 28117

LOCATION Brawley School Rd TR Marstons Mill TL White Horse TL Ballston TR Brownstone at end

SUBDIVISION The Point BLOCK / SECTION 4 LOT 443 LOT AREA 48688 SITE CLASS. PS DESIGN FLOW 600gpd A.A.R. .3

Septic Tank: 1500 Gallons; STB 338 Date 11/7/08

Pump Tank: 1500 Gallons; PT 477 Date 6/28/08

Pump Make: Myers Model ME75 Serial No.

Nitrification Field: No Fields 1 Square Feet 1500 Linear Feet 500

No Lines 4@125' Trench Width 36" Max Trench Bottom Depth 36" Gravel Depth N/A

☒ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI

System Description: Pump - 25% Reduction

Repair System Description: Same

Maintenance Agreement Required: ☐ Yes ☒ No

☒ House/Mod. Home No. Bedrooms 5

☐ Mobile Home No. Persons

☐ Business No. Employees

☐ Other

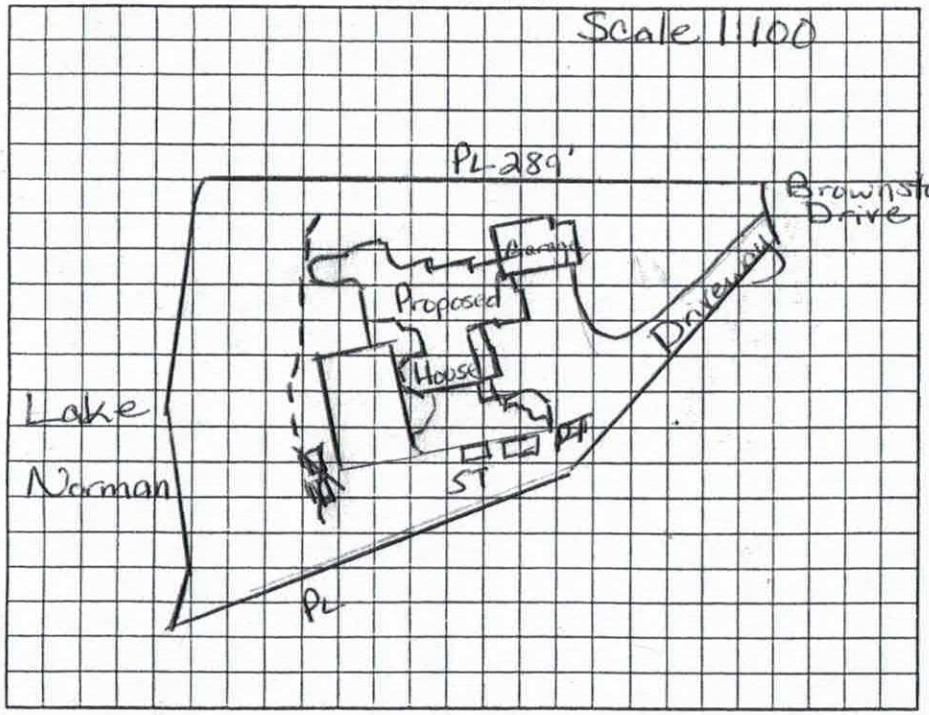
Water Supply: ☐ Individual ☒ Public ☒ Community

☐ Gravity ☐ Pressure ☐ Slab ☐ Crawl Space ☒ Basement w/plumbing ☐ Basement wo/plumbing

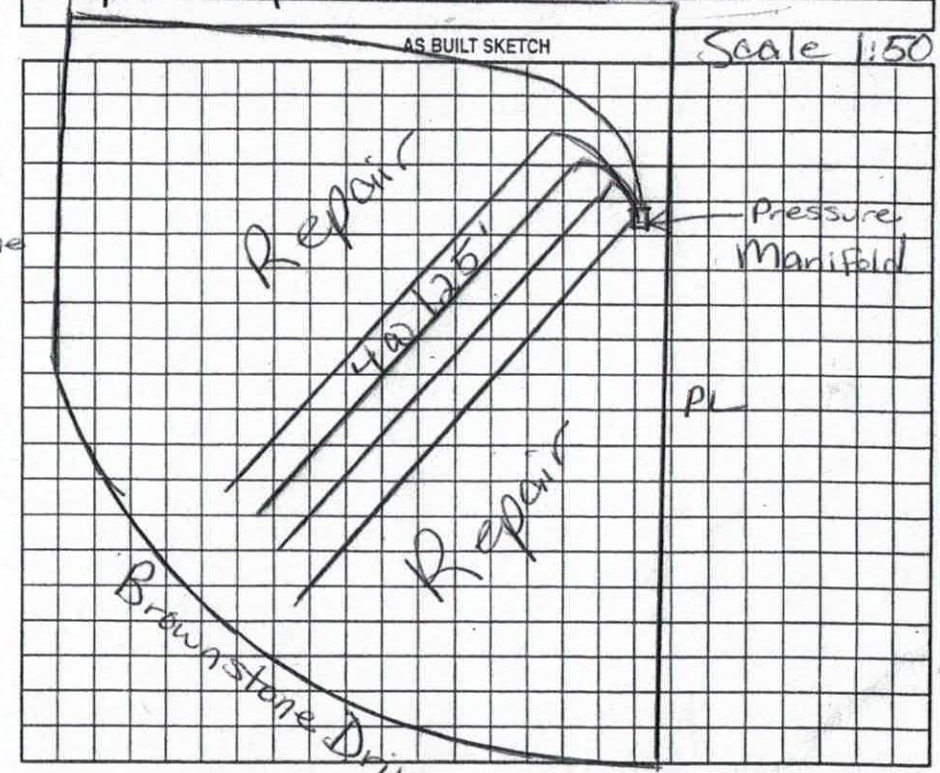
Comments/Conditions: Remove all Terrace & berms ST 15ft from proposed house (garage corner)

Comments/Conditions: EZLAY INSTALLED & tanks Checked 12/23/08 Pres Elect & Alarm checked 4/28/09 MS Inspection ports PL on each line.

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. Improvement Permit with plat valid without expiration ☐ Improvement Permit with site plan valid for sixty months ☐ Authorization to Construct is valid for a period equal to that of Improvement Permit – not to exceed sixty months.

Signed: date 5/17/07

Improvement Permit by: Maria H. Dotson RS date 5/4/07

Authorization to Construct by: Maria H. Dotson RS date 5/4/07

Installed by: R+H RS

Operation Permit by: Maria H. Dotson date 4/28/09

Existing System Inspection by: date

HEALTH DEPT. COPY: WHITE OWNER COPY (FINAL): YELLOW OWNER COPY (INITIAL): PINK

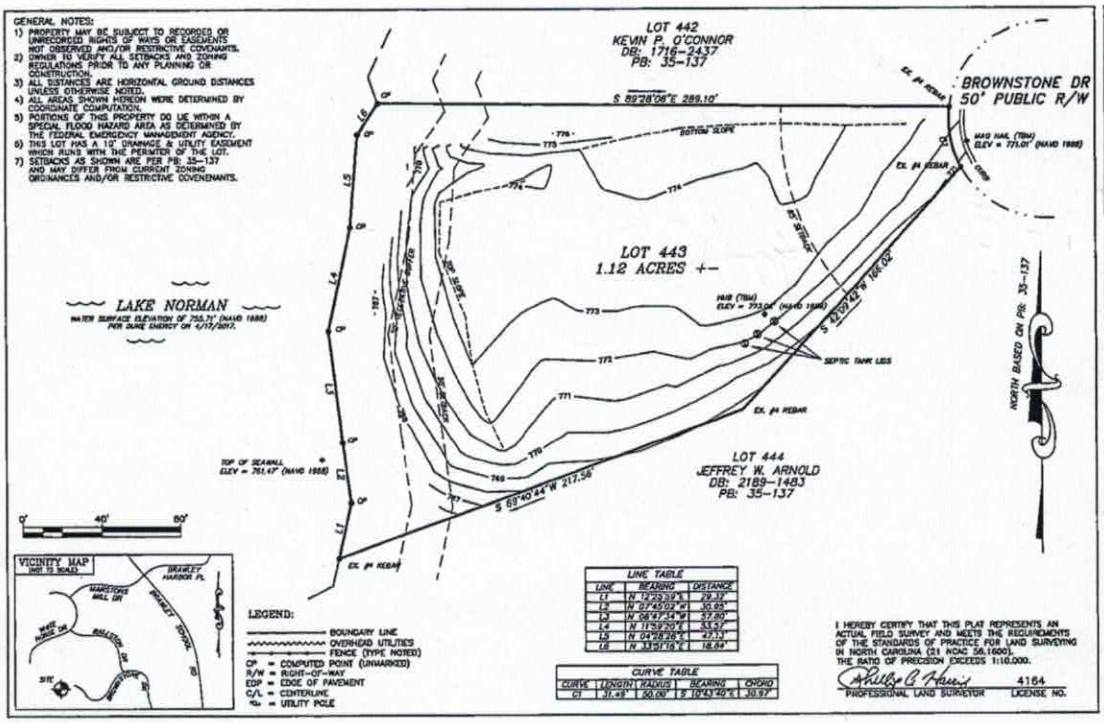
BUILDINGRAPHICS

Nelson Residence

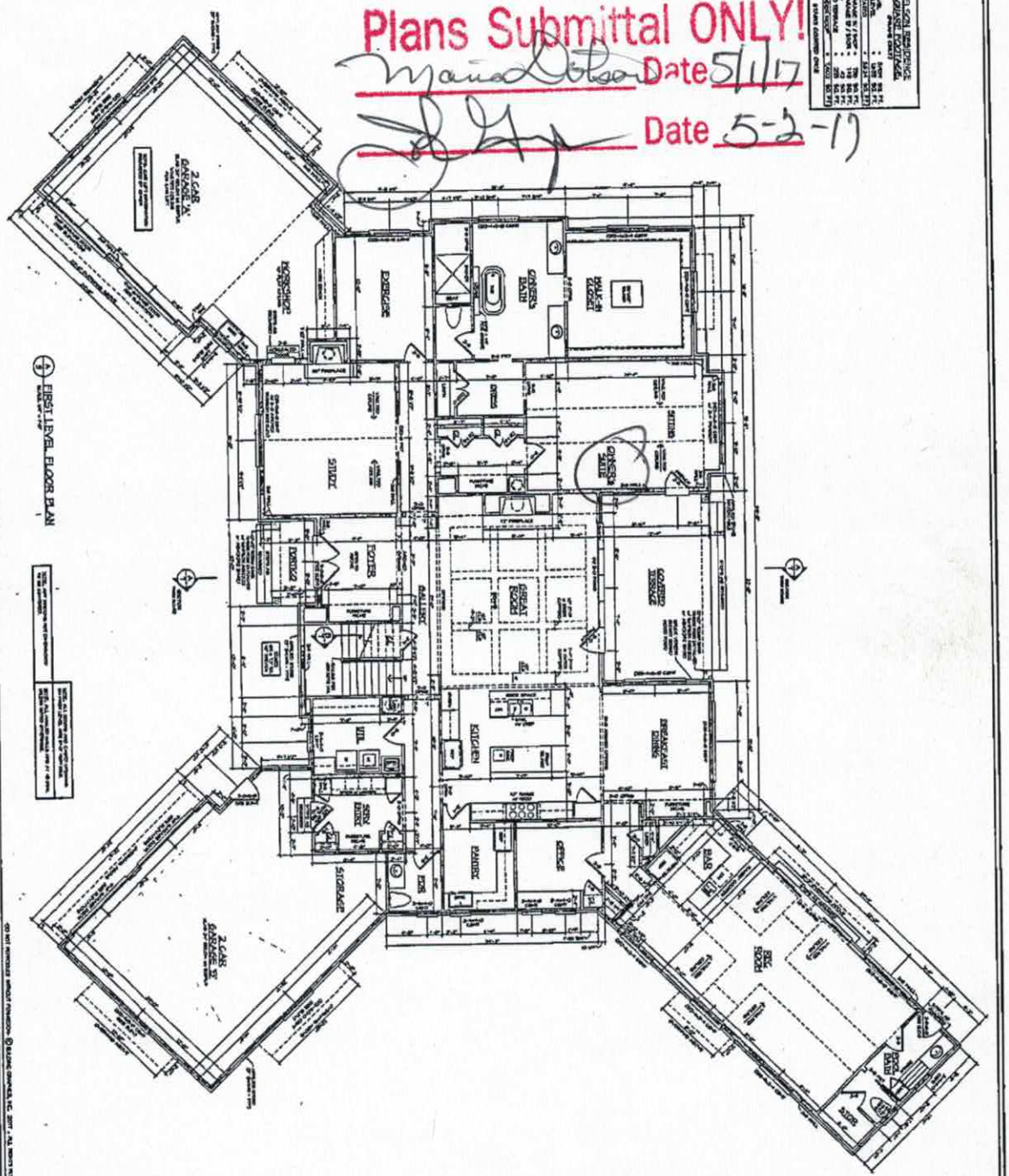
LOT 443 - THE POINT

IREDELL COUNTY, NC

S-1


GENERAL NOTES:
1) PROPERTY MAY BE SUBJECT TO RECORDED OR UNRECORDED RIGHTS OF WAYS OR EASEMENTS NOT OBSERVED AND/OR RESTRICTIVE COVENANTS.
2) OWNER TO VERIFY ALL SETBACKS AND ZONING REGULATIONS PRIOR TO ANY PLANNING OR CONSTRUCTION.
3) ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES UNLESS OTHERWISE NOTED.
4) ALL AREAS SHOWN HEREON WERE DETERMINED BY COORDINATE COMPUTATION.
5) POSITIONS OF THIS PROPERTY DO LIE WITHIN A SPECIAL FLOOD HAZARD AREA AS DETERMINED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY.
6) THIS LOT HAS A 10' DRAINAGE & UTILITY EASEMENT WHICH RUNS WITH THE PERIMTER OF THE LOT.
7) SETBACKS AS SHOWN ARE PER PB: 35-137 AND MAY DIFFER FROM CURRENT ZONING ORDINANCES AND/OR RESTRICTIVE COVENANTS.
LOT 442
KEVIN P. O'CONNOR
DB: 1716-2437
PB: 35-137
S 89°26'06"E 289.10'
BROWNSTONE DR
50' PUBLIC R/W
Ex. #4 REBAR
MAG NAIL (TBM)
ELEV = 771.01' (NAVD 1988)
BOTTOM SLOPE
TOP SLOPE
LOT 443
1.12 ACRES +-
HUB (TBM)
ELEV = 773.06' (NAVD 1988)
S 43°09'42"W 166.02'
SEPTIC TANK LIDS
NORTH BASED ON PB: 35-137
LAKE NORMAN
WATER SURFACE ELEVATION OF 755.71' (NAVD 1988)
PER DUKE ENERGY ON 4/17/2017.
TOP OF SEAWALL
ELEV = 761.47' (NAVD 1988)
S 89°40'44"W 217.58'
LOT 444
JEFFREY W. ARNOLD
DB: 2189-1483
PB: 35-137
Ex. #4 REBAR
0'
40'
80'
VICINITY MAP
(NOT TO SCALE)
BRADLEY HARBOR PL
MARSTONS MILL DR
BRADLEY TERRACE RD
MARSTONS MILL DR
BULLOCH DR
SITE
LEGEND:
BOUNDARY LINE
OVERHEAD UTILITIES
FENCE (TYPE NOTED)
CP = COMPUTED POINT (UNMARKED)
R/W = RIGHT-OF-WAY
EOP = EDGE OF PAVEMENT
C/L = CENTERLINE
= UTILITY POLE
LINE TABLE
LINE | BEARING | DISTANCE
L1 | N 12°03'09"E | 29.35'
L2 | N 07°45'07"W | 161.95'
L3 | N 08°47'34"W | 57.80'
L4 | N 11°59'20"E | 53.57'
L5 | N 04°28'26"E | 42.13'
L6 | N 33°01'19"E | 18.84'
CURVE TABLE
CURVE | LENGTH | RADIUS | BEARING | CHORD
C1 | 31.49' | 50.00' | S 10°43'40"E | 30.97'
I HEREBY CERTIFY THAT THIS PLAT REPRESENTS AN ACTUAL FIELD SURVEY AND MEETS THE REQUIREMENTS OF THE STANDARDS OF PRACTICE FOR LAND SURVEYING IN NORTH CAROLINA (21 NCAC 56.1600). THE RATIO OF PRECISION EXCEEDS 1:10,000.
PROFESSIONAL LAND SURVEYOR
4164
LICENSE NO.
HARRIS LAND SURVEYING, PLLC
TOPOGRAPHIC SURVEY FOR
MICHEAL H. NELSON, JR.
& wife KIMBERLY S. NELSON
ALL OF LOT 443 DIE POINTE, PHASE 6
REFERENCES: DB: 2432-2301, & PB: 35-137
DRAWN BY
PAT
GRIDNAD FILE NAME
17055.TP443
PROJECT NO
17055
PROPERTY ADDRESS
148 BRONSTONE DR
MOORESVILLE, NC 28117
DATE
APRIL 11, 2017
SCALE
1" = 40'
DAVIDSON TOWNSHIP
IREDELL COUNTY, NC
SEAL

Acknowledgement Of
Plans Submittal ONLY!
Maria Dobson Date 5/1/17
Date 5-2-17



Nelson Residence

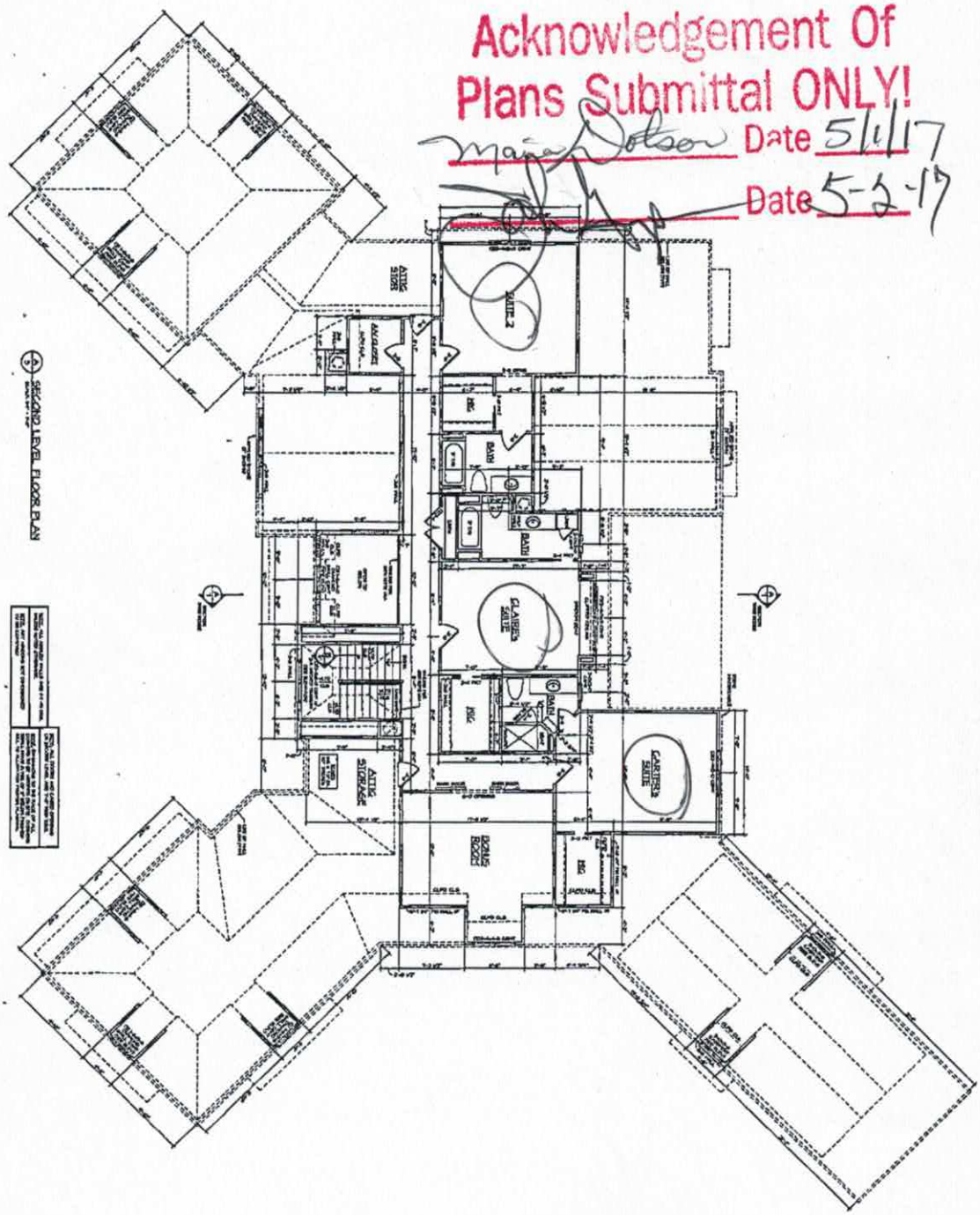
LOT 443 - THE POINT

IREDELL COUNTY, NC

BUILDINGRAPHICS ARCHITECTURE

3

Acknowledgement Of
Plans Submittal ONLY!
Maria Dotson Date 5/1/17
Date 5-2-17



5

Nelson Residence

LOT 443 - THE POINT
IREDELL COUNTY, NC

BUILDINGRAPHICS
ARCHITECTURE