IREDELL COUNTY HEALTH DEPARTMENT

KW

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 214898

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

PIN # 4627-62-7195

APPLICANT/OWNER: Wesley McLemore/ Bluto Builders APPLICANT ADDRESS: 115 Tweed Place Mooresville, NC 28117

SITE ADDRESS: 115 Tweed Place Mooresville, NC 28117 PHONE: 704-614-2570 ALT. PHONE

SITE DIRECTIONS: BSR towards Lake Norman → R on McKendree → R on Grasshopper → R on Tweed → House @ end SAP CONTROLLED: ☒ YES ☐ NO

SUBDIVISION: CL+T SECTION: 8 LOT # 446 LOT AREA: 0.70 acres DESIGN FLOW: 360 GPD L.T.A.R.: 0.40

Septic Tank	2x1000 (gal)	STB	See below	Date	See below	☐ New System	☒ Repair	☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms 3
Pump Tank	— (gal)	PT	—	Date	—	System Description:	High Capacity Infiltrator Chambers			☐ Business	No. Persons 6
Pump Make	—	Model	—	Serial #	—	Repair System Description:				☐ Other	No. Employees
# Nitrification Fields	1	# Lines	6	Linear Ft	300	Maintenance Agreement Required:	☐ YES	☒ NO		☒ Slab	☒ Crawl Space
Trench Width	36"	Trench Bottom Depth(Low side)	48"-50"	Gravel Depth	—		☒ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: A whole-house ejector pump installation requires two septic tanks of equal size in a series (first tank is a trash tank w/ effluent filter on second tank). Recommend a larger effluent filter (Table A-300 or equivalent) be used. Only high capacity Infiltrator chambers may be used. Recommend pumping septic tank(s) every 3-5 years.

INITIAL SITE SKETCH

Existing LPP system (16"-24" depth) to be excavated through in order to install replacement system. This is a best professional judgement repair permit due to site limitations. Recommend conservative water use.

See attached plat from Dedmon Survey

Approved: 12/18/2017

AS BUILT SKETCH

12/19/2017: Septic Tank STB #760 10/20/2017
Trash Tank STB #760 11/14/2017
* Both tanks are concrete + mid-seam type/variety.
* Installed at location where permitted. -SS

Installed as shown

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: [signature] Date: 12/19/2017 Installed by: Jamie O'Daniel

IMPROVEMENT PERMIT by: Tom Shuck Date: 12/18/2017 OPERATION PERMIT by: Krayla Wilson Date: 12-27-17

AUTHORIZATION TO CONSTRUCT by: Tom Shuck Date: 12/18/2017 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.

ED
ERIFY ALL SETBACKS AND ZONING
; PRIOR TO ANY PLANNING OR
)N.
OF ALL IMPROVEMENTS SHOWN ON
HOULD NOT BE SCALED OR RELIED
)ESIGN OR CONSTRUCTION WITHOUT
IFICATION OF ALL DIMENSIONS.
ES OF THIS FILE ARE FOR REFERENCE
AY NOT BE USED FOR DESIGN WORK.
ROUND UTILITIES ARE NOT SHOWN HEREON.
z UTILITY EASEMENT MAY EXIST ALONG EACH LOT LINE.
B SEE DEED 975/1951 (OTHER SETBACKS MAY APPLY)

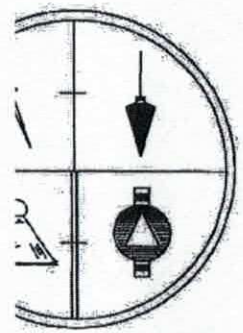
OWER MAP IN DEED BOOK 943 PAGE 1589

LAKE NORMAN
ANY DOCKS, PIERS OR OTHER IMPROVEMENTS BUILT ON LAKE ARE NOT SHOWN ON THIS SURVEY PLAT.

ND:

- BOUNDARY LINE
- SANITARY SEWER LINE
- NATURAL GAS LINE
- UNDERGROUND POWER
- OVERHEAD UTILITIES
- UNDERGROUND TELEPHONE
- WATER LINE
- FENCE (TYPE NOTED)
- COMPUTED POINT (UNMARKED)
- RIGHT-OF-WAY
- EDGE OF PAVEMENT
- CENTERLINE
- UTILITY POLE

L1: 42'
L2: 50'
L3: 54'
L4: 54'
L5: 50'
L6: 50'

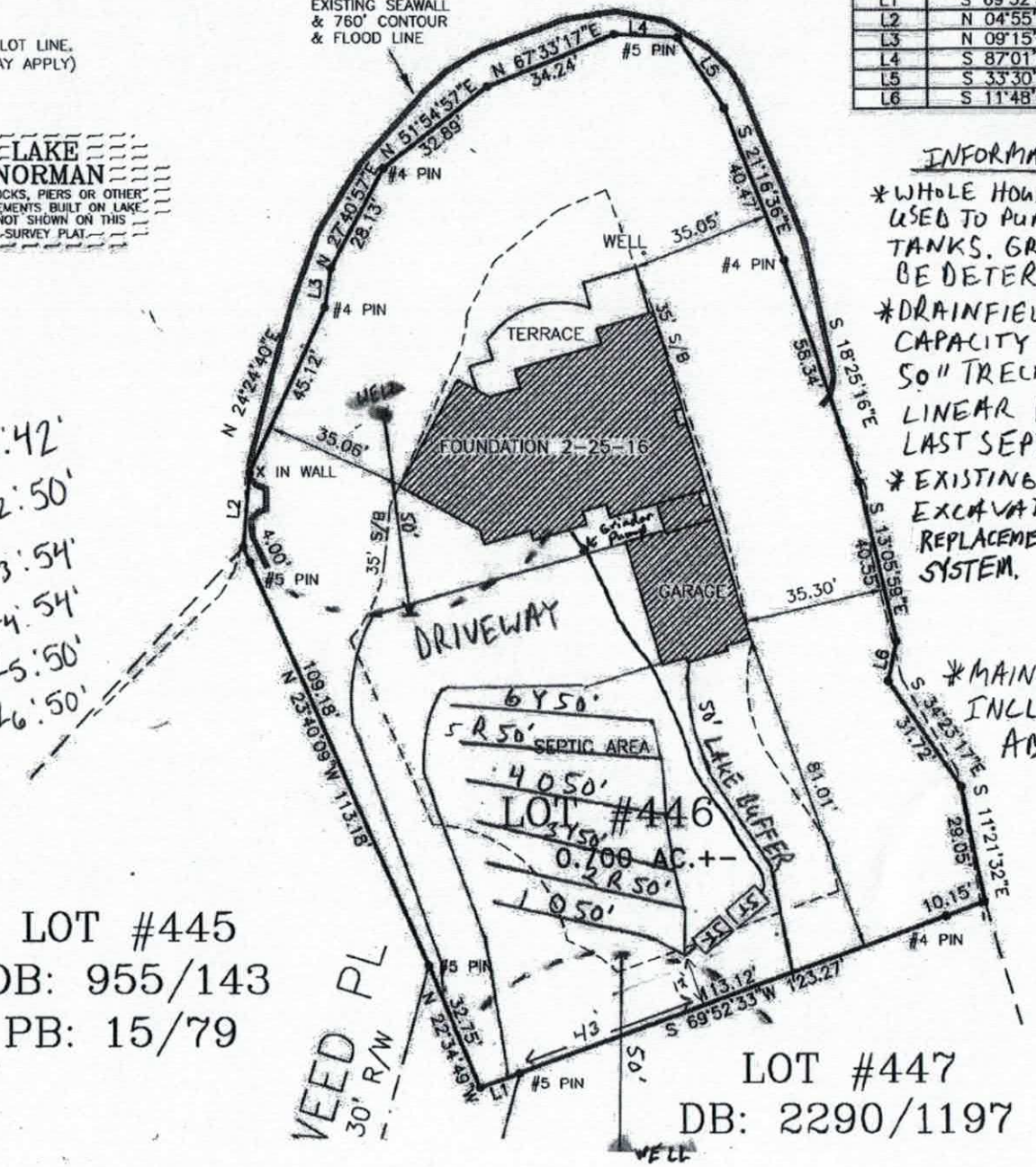


ION SURVEYS

LAKE NORMAN
ANY DOCKS, PIERS OR OTHER IMPROVEMENTS BUILT ON LAKE ARE NOT SHOWN ON THIS SURVEY PLAT.

GRAPHIC SCALE – FEET 40' = 1 inch

Course	Bearing	Distance
L1	S 69°52'33" W	10.59'
L2	N 04°55'48" E	18.59'
L3	N 09°15'24" E	9.77'
L4	S 87°01'48" E	15.80'
L5	S 33°30'00" E	21.01'
L6	S 11°48'09" W	10.01'



LOT #445
DB: 955/143
PB: 15/79

LOT #447
DB: 2290/1197

INFORMATION

* WHOLE HOUSE GRINDER PUMP TO BE USED TO PUMP SEWAGE TO (2) SEPTIC TANKS. GRINDER PUMP LOCATION TO BE DETERMINED.
* DRAINFIELD TO BE 18" HIGH CAPACITY CHAMBES WITH A 48" TO 50" TRECH BOTTOM. 300' TOTAL LINEAR FOOTAGE, GRAVITIED BY LAST SEPTIC TANK IN SERIES.
* EXISTING LPP DRAINFIELD TO BE EXCAVATED THROUGH TO INSTALL REPLACEMENT SYSTEM.
* MAINTAIN 50' FROM ALL WELLS, INCLUDING TEMPORARILY ABANDONED WELL.

Approved
12-18-2017

BASED ON PB: 15/79

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.
* ALL UNDERGROUND UTILITIES ARE NOT SHOWN HEREON.
* 10' DRAIN. & UTILITY EASEMENT MAY EXIST ALONG EACH LOT LINE.
* FOR 35' S/B SEE DEED 975/1951 (OTHER SETBACKS MAY APPLY)

Course	Bearing	Distance
L1	S 69°52'33" W	10.59'
L2	N 05°41'02" E	18.56'
L3	N 07°41'57" E	9.50'
L4	S 87°01'48" E	15.80'
L5	S 33°30'00" E	21.01'
L6	S 11°48'09" W	10.01'

BASED ON PB:

EXISTING SEAWALL & 760' CONTOUR

LOT #446
0.700 AC.+-

1"=50'

LAKE NORMAN
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LEGEND:

- BOUNDARY LINE
- SANITARY SEWER LINE
- NATURAL GAS LINE
- UNDERGROUND POWER
- OVERHEAD UTILITIES
- UNDERGROUND TELEPHONE
- WATER LINE
- FENCE (TYPE NOTED)

CP = COMPUTED POINT (UNMARKED)
R/W = RIGHT-OF-WAY
E/P = EDGE OF PAVEMENT
C/L = CENTERLINE
ϕ = UTILITY POLE

WELL
35' S/B
77.74'
PROPOSED HOUSE
35' S/B
50' BUFFER
SEPTIC AREA
50' BUFFER
D/W
Valve Box
#5 PIN
#4 PIN
L1
L2
L3
L4
L5
N 24°19'57"E 45.40'
N 27°40'57"E 28.13'
N 51°54'57"E 32.80'
N 67°33'17"E 34.24'
S 21°16'36"E 40.47'
S 18°25'16"E 58.34'
S 13°08'59"E 40.55'
S 34°23'17"E 31.72'
S 11°21'32"E 29.05'
35.08'
4.00'
35.00'
81.01'
10.15'
N 25°40'09"W 113.18'
N 22°34'49"W 32.75'
113.12'
S 69°52'33"W 123.27'
TWEED PL
30' R/W
R/W
R/W

LOT #445
DB: 955/143
PB: 15/79

LOT #447
DB: 2290/1197
PB: 61/112

DEDMON SURVEYS

1-5-16

1-5-16

OK DKT

Line colors

	LINE	#HOLES PER LINE	HOLE SIZE	HOLE SPACE sp.	HOLE START st.	LINE HEAD	LINE LENGTH	HOLE FLOW	PER MIN. LINE FLOW	LOAD. PER. FT.^{2}
L 1	W_1	6	3/16	6	4'	3	40'	.72	4.32	.108
L 2	B_2	10	5/32	5.5	2'	3.4	55'	.532	5.32	.096
L 3	O_3	9	5/32	5.7	3'	3.8	55'	.564	5.64	.092
L 4	W_4	9	5/32	6.2	4'	4.2	60'	.592	5.92	.089
L 5	B_5	9	3/16	6.4	2'	3	60'	.72	6.48	.108
L 6	O_6	11	5/32	5.2	2'	3.6	60'	.548	6.03	.100
L 7	W_7	11	5/32	5.7	2'	4.1	65'	.586	6.45	.099
L 8	B_8	10	5/32	6	5'	4.5	65'	.61	6.71	.094
L 9	O_9	10	3/16	6.5	5'	3	70'	.72	7.2	.102
L 10	W_{10}	12	5/32	5.6	2'	3.6	70'	.548	6.58	.094
L 11	B_{11}	10	5/32	6.4	6'	4.2	70'	.592	5.92	.085
L 12	O_{12}	7	5/32	6.4	5'	3.6	50'	.592	4.14	.083
						Figure 4.2				
Totals		~~102~~ 114					1720' ✓		70.71 gpm. ✓	

A
B
C

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

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

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
(Complete all fields in full)

OWNER: Wes McClemore / Chris Crader
ADDRESS: 115 Tweed Place
PROPOSED FACILITY: 3 BR House
LOCATION OF SITE: 115 Tweed Place Mooresville
WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other ___
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut

APPLICATION DATE 11/14/17
DATE EVALUATED: 11/22/17
PROPOSED DESIGN FLOW (.1949): 360
PROPERTY SIZE: 0.70 acres
PROPERTY RECORDED: Yes
TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
1	LSS Mid-upper 8%	0-14	SCL Compacted MA		–	26"	–	–	0.4 (saprolite) PS
		14-26	clay Loam W. SBK some Sandy	Sl. Firm, SS, Sp, Sexp					
		26-77	Sandy Saprolite MA	very Well Drained + very Friable					
					★ Ex Trench Bottom 24"			Sap @ 26"	
2	LSS 8%	0-7	SCL compacted MA	very Firm, SS, Sp, Sexp	–	21	–	–	0.4 (saprolite)
		7-21	clay W. SBK	Sl. Firm, Sticky, Sp, Sexp					
		21-77	Sandy Saprolite MA	very Well Drained + very Friable					
					★ Ex Trench Bottom 18"				
3					★ Both pits better w/ depth ★				
				L1 Orange 50	3.34'				
4				L2 Red 56'		5' = 7% slope			
				L3 Yellow 54					
				L4 Orange 54					
				L5 Red 56					
				L6 Yellow 58'	7.24				

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)		300'
System Type(s)		Chamber
Site LTAR		0.40

OTHER FACTORS (.1946): ___
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: Tom Shuck
OTHER(S) PRESENT: (Adrian Pruett)

COMMENTS:

Please CALL prior to inspection

Name: Adrian Pruett 704-202-5791

Repair and Possible Expansion Pending Space

TMENT of ENVIRONMENTAL HEALTH Pd. $150.00

PPLICATION FORM

RECEIVED NOV 15 2017

Repair Evaluation - No Chg

Applica Number:

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

( ) Septic Improvement Permit ( ) Authorization to Construct ( ) Existing System Inspection (X) 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 #214898

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

****

Applicant Information: **(PRINT CLEARLY)**

Applicant Name: Wesley McLemore/Bluto Builders **Address:** 115 Tweed Pl., Mooresville **Zip:** 28117

Applicant Email: ccrater0gmail.com **Phone:** 704-614-2570 **Alt. Phone:**

Owner Name: Wesley McLemore/Bluto Builders **Address:** 115 Tweed Pl., Mooresville **Zip:** 28117

Owner Email: ccreater0@gmail.com **Phone:** 704-614-2570 **Alt. Phone:**

****

Property Information:

Street Address: 115 Tweed Pl., Mooresville

Subdivision Name: CL&T **Section/Phase:** 8 **Lot Number:** 446

Driving Directions: Brawley Sch Rd., TR on Mckendree, TR on Grasshopper, Bear R on Grasshopper, TR on Tweed, Tweed located in hair pin turn, Lot at very end

****

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

CHECK FOUNDATION TYPE

( ) New Single Family Residence — **Maximum Number of Bedrooms:** 3-4 PENDING SOIL AND SPACE — (X) Crawl Space Foundation

( ) New Multi-Family Residence — **Maximum Number of Occupants:** 6-8 — (X) Concrete Slab Foundation

( ) Accessory Building — ( ) Swimming Pool — ( ) Basement with Plumbing

( ) Bedroom(s) Addition — ( ) Other Addition/Structure: — ( ) Basement without Plumbing

(X) Repair to failing septic system ___ Tank ___ Drain lines **Describe Problem:**

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:**

( ) New Well (X) 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 (X) 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: _____ 11-14-17

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, Bluto Builders Inc., am the legal owner(s) of the property located at 115 Tweed Pl, Mooresville NC 28117, identified as PIN (Parcel Identification Number) 4627627195, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) Adrian Pruett, CSE SC, _____, 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
	11/9/17		11/9/17

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

PLANNING & ZONING DEPARTMENT
P O BOX 788 / 227 S CENTER STREET
STATESVILLE NC 28687-0788
(704) 878-3118 / FAX 928-2025

June 24, 1999

Mr. Ben Thomas
408 N. Main Street
Mooresville NC 28115

RE: Lot 446, Section 8, CL&T
Relief of 50' Setback

Dear Mr. Thomas:

Pursuant to your request for consideration of a common law vested right, as it would apply to the setback from the lake, Iredell County has to make the following determination. The owner/developer shall have incurred substantial expenditures; exercised good faith; obtained valid local government approval; and demonstrated detrimental harm.

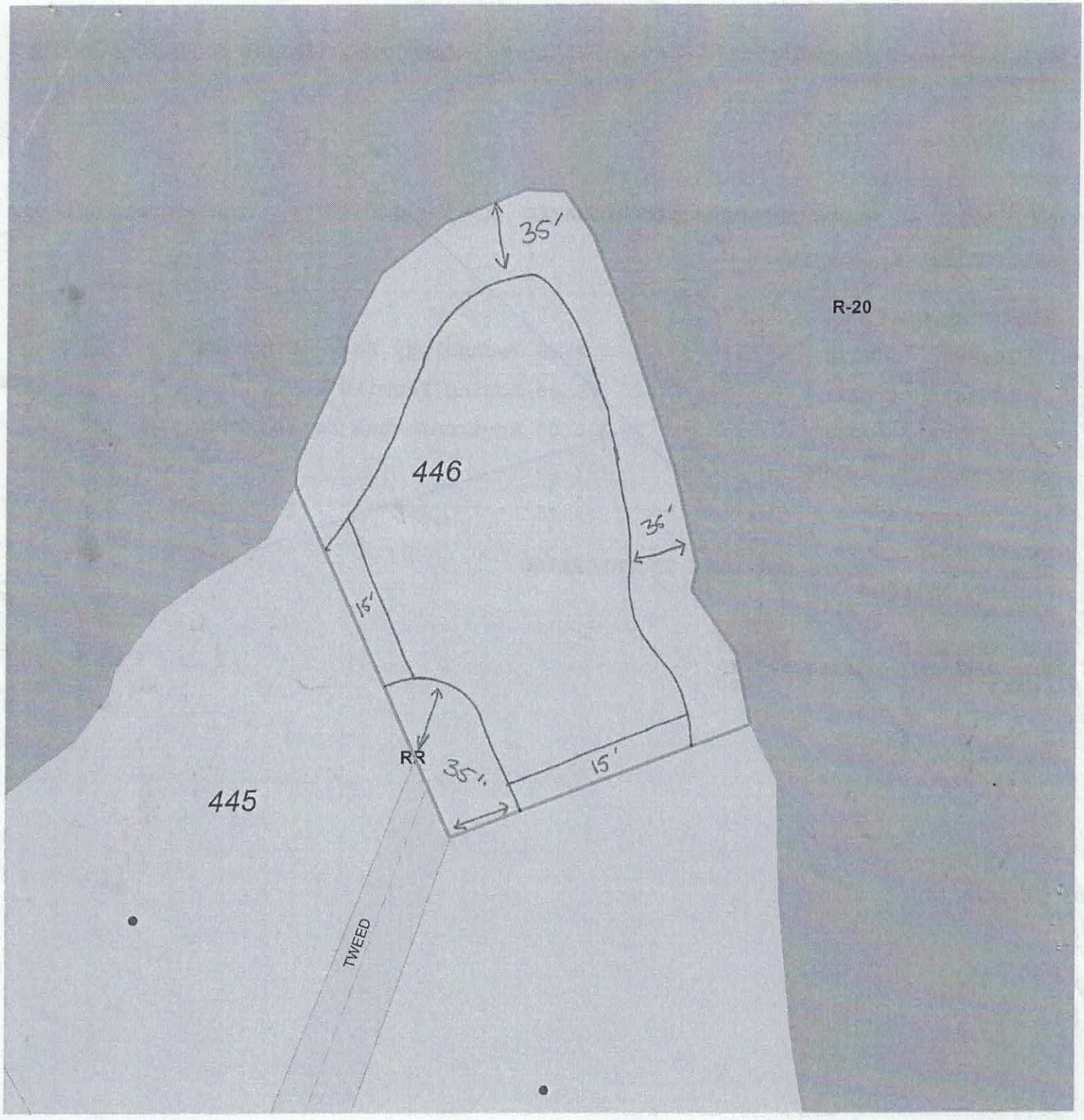
Based on your letter and the supporting data, the County would consider your lot vested in reference to Section 7.0(g), Dimensional Requirements of the Iredell County Zoning Ordinance. As vested, this will entitle you to build a residence to within 35' of the property line adjoining the lake, not withstanding deed restrictions or other local, state, and federal guidelines.

If you have any questions, please contact me at 878-3130.

Sincerely,

William Allison

William Allison
Planning Supervisor



Common Law vested Rights
Lot 446 - 35' setback off Lake
115 Tweed

Jake Town

North Carolina Department of Health and Human Services
Division of Public Health

Pat McCrory
Governor

Richard O. Brajer
Secretary

Daniel Staley
Division Director

Onsite Water Protection Branch
February 18, 2016

Wesley McLemore
116 Tweed Place
Mooresville, NC 28117

Re: Approval No. JMB722

Private Well Located Less than 25' to a Building Perimeter50' to Surface Water Body [Rule 15A NCAC 2C .0107(a)(2)(M)(N)]

Property location:
115 Tweed Place
Mooresville, NC 28117

Dear Mr. McLemore;

On February 17, 2016 the On-site Water Protection Branch received your request for a variance from the Well Construction standards, Title 15A North Carolina Administrative Code Subchapter 2C .0100. The request for a variance concerns a proposed water supply well on the referenced property that will serve a single, family dwelling. The home is on a lot with very difficult topography and is presently served by a well that will be abandoned to make room for a new structure.

Specifically, the variance request grants you permission to construct a water supply well at a distance closer than the twenty five foot setback to a building perimeter and the fifty foot setback to a surface water body. Achieving twenty five and fifty foot setbacks would be difficult given the challenges of the property.

Based upon information provided by the Iredell County Health Department, private consultant, and the property owner, it is my finding that based upon current conditions as the site exist today (as well as the current proposal for use of the structure) you meet the conditions necessary for approval of a variance as specified by 15A NCAC .0118 (a) (1) and (2). On that basis and if the following conditions are met, the requested variance is approved:

1) The new water supply well shall be constructed of either steel or galvanized metal casing.

2) The well shall be located as far as possible from the building perimeter, depending upon where the well rig can actually set up, will possibly encroach upon the 25foot setback, but no closer than 10feet.

3) The well shall be located as far as possible from the high water mark of the lake where, depending upon where the well rig can actually set up, will possibly encroach upon the 50foot setback, but no closer than 25feet.

4) The well will be required to have casing installed to a minimum of 50 feet below land surface and 10 feet into bedrock. If bedrock is encountered at a depth greater than 50 feet, then casing must extend 10 feet into bedrock

5) Grout will be required the entire length of the casing from land surface into bedrock.

6) A drill bit with a diameter of a least one third greater than the diameter of the casing must be used to drill the cased portion of the well.

7) Grout must be either pumped into place with the use of a tremmie pipe or pressure method.

8) A preconstruction meeting between the well contractor and Iredell County Environmental Health staff is required to ensure that maximum separation distances are achieved.

9) The existing well must be properly abandoned according to the Well Construction Standards with a permit obtained from the Iredell County Health Department.

The granting of this variance is for the well location only. It in no way relieves the owner or agent from other requirements of the North Carolina Well Construction Standards including, but not limited to the requirements in 15A NCAC 2C .0113(b) to repair or to abandon any well which acts as a source or channel for the migration of contamination. This approval does not imply sufficient water quality. Further, the approval does not relieve your responsibility to comply with any other applicable Federal, State, or local laws or regulations.

If you have any questions regarding this variance, please contact me at (828) 713-3335.

Sincerely,

John Brooks

John M. Brooks R.E.H.S, MS

NOTES:

- PROPERTY MAY BE SUBJECT TO RECORDED OR UNRECORDED RIGHTS OF WAYS OR EASEMENTS NOT OBSERVED
- OWNER TO VERIFY ALL SETBACKS AND ZONING REGULATIONS PRIOR TO ANY PLANNING OR CONSTRUCTION.
- DIMENSIONS OF ALL IMPROVEMENTS SHOWN ON 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.
- ALL UNDERGROUND UTILITIES ARE NOT SHOWN HEREON.
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- FOR 35' S/B SEE DEED 975/1951 (OTHER SETBACKS MAY APPLY)

SEE DUKE POWER MAP IN DEED BOOK 943 PAGE 1589

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LEGEND:

- BOUNDARY LINE
- SANITARY SEWER LINE
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DEDMON SURVEYS

40 0 40 80 120
GRAPHIC SCALE – FEET

BASED ON PB: 15/79

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DB: 955/143
PB: 15/79

LOT #447
DB: 2290/1197
PB: 61/112

LAKE NORMAN
ANY DOCKS, PIERS OR OTHER IMPROVEMENTS BUILT ON LAKE ARE NOT SHOWN ON THIS SURVEY PLAT.

BOUNDARY SURVEY & SITE PLAN
FOR
WESLEY MCLEMORE
AND
LISA MCLEMORE
BEING A PORTION OF LOT 446 AS PLATTED IN PB: 15 PG: 19
OF IREDELL COUNTY REGISTRY
@ 116 TWEED PL., MOORESVILLE, NC

DAVIDSON TOWNSHIP – IREDELL COUNTY, NC
SCALE: 1" = 40'

DEDMON SURVEYS
CHUCK POOVEY, PLS #3762
ROBERT DEDMON, PLS #3899
3704 NC HIGHWAY #16 NORTH
P.O. BOX 494 - DENVER, NC 28037
PHONE: 704/483/4908
FAX: 704/483/2170
WWW.DEDMONSURVEYS.COM

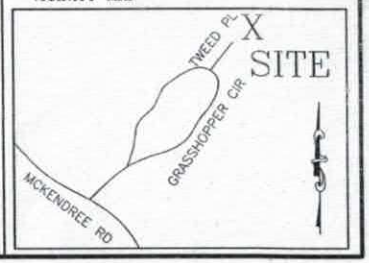
NORTH CAROLINA PROFESSIONAL SEAL L-3762 LAND SURVEYOR DAVID C. POOVEY

I, DAVID C. POOVEY, CERTIFY THAT THIS PLAT WAS DRAWN FROM AN ACTUAL SURVEY MADE UNDER MY SUPERVISION (DB 2339, PG 132) & (DB 943, PG 1589) – (PB 15, PG 79); THAT THE RATIO OF PRECISION AS CALCULATED EXCEEDS 1:10000; THAT THIS PLAT WAS PREPARED IN ACCORDANCE WITH GS 47-30 AS AMENDED. WITNESS MY ORIGINAL SIGNATURE, REGISTRATION NUMBER AND SEAL THIS 17 DAY OF DECEMBER, AD 2015.

David C. Poovey — L-3762
PROFESSIONAL LAND SURVEYOR — LICENSE NO.

SURV. BY: cp	DRAWN: CP	JOB# TWEED

VICINITY MAP



Sect 8

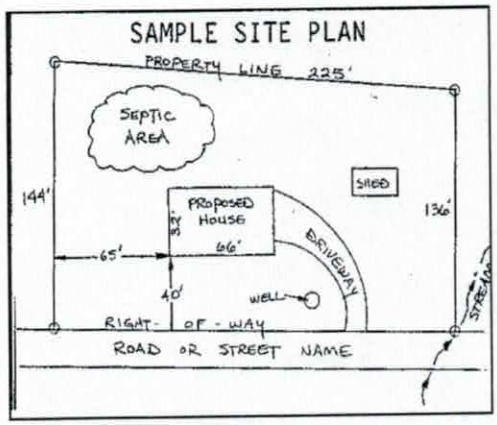
IREDELL COUNTY DEPARTMENT of ENVIRONMENTAL HEALTH

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

See Attached Site Plan

Signature: _____ 11-14-17

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

Checked w/Pin is for 115 Tweed PL

IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 202572

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

PIN # 4627627195

APPLICANT: Vernel & Leslie Hudson APPLICANT ADDRESS: P.O. Box 1322 Newport Richey, FL 34656

SITE ADDRESS: 116 Tweed Place Mooresville, NC PHONE: 977 243 7619 ALT. PHONE:

SITE DIRECTIONS: Brawley School Rd TR McKendree TR Grasshopper Circle TR Tweed Place on left

SUBDIVISION: C.A.T. SECTION: 8 LOT # 446 LOT AREA: DESIGN FLOW: 360 gpd L.T.A.R.: 1

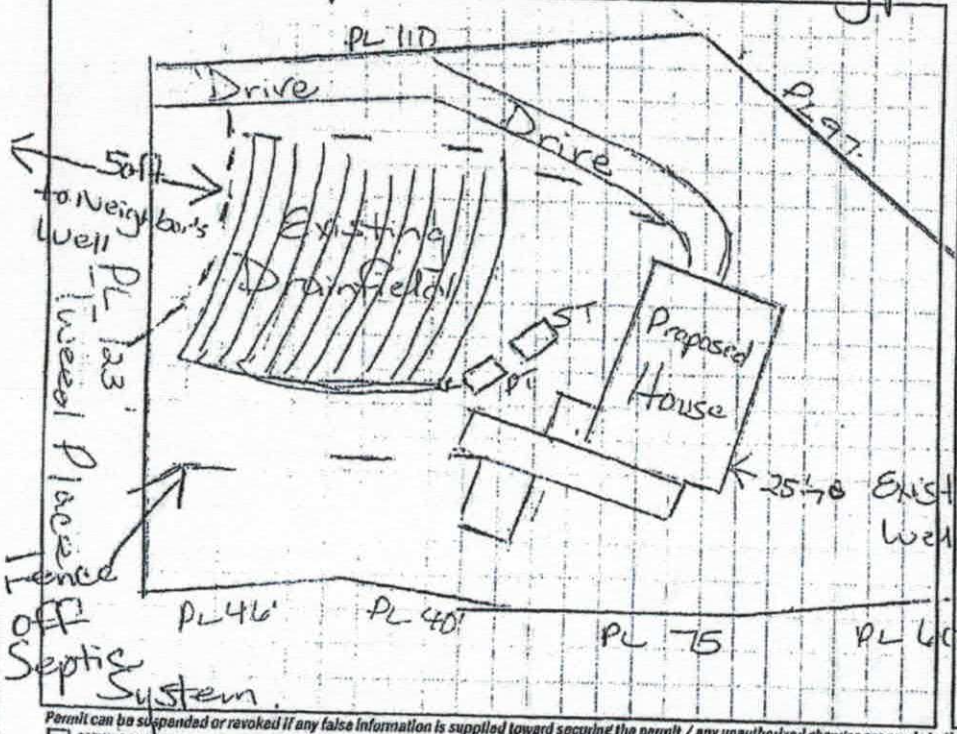
Septic Tank	1000 (gal)	STB		Date		☐ New System ☐ Repair ☐ Expansion	System Type: I II III (IV) V VI	☒ Residence	No. Bedrooms 1
Pump Tank	1000 (gal)	PT		Date		System Description: Existing LPP		☐ Business	No. Persons 2
Pump Make		Model		Serial #		Repair System Description: Site recorded prior to 083		☐ Other	No. Employees
# Nitrification Fields	3	# Lines	12	Linear Ft:	720	Maintenance Agreement Required: ☐ YES ☒ NO		☐ Slab	☐ Crawl Space
Trench Width	12"	Max. Trench Bottom Depth	14"	Gravel Depth	8"	☒ GRAVITY ☐ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☒ Private ☐ Public ☐ Community

Comments / Conditions: Existing Septic System "appears" to be functioning at time of inspection however not in use at time. Must keep house at least 5ft from any part of Septic System.

Application is for 1 Bedroom house, however Septic System was originally permit for 3 Bedrooms

INITIAL SITE SKETCH



AS BUILT SKETCH

I.C.H.D Strongly suggests fencing off & protecting Septic System to prevent any Construction traffic over system & damage.

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 to 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: X _____ Date: _____ Installed by: _____

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

AUTHORIZATION TO CONSTRUCT by: _____ Date: _____ Existing System Inspected by: _____ RS Date: 5/27/14

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

Scanned by CamScanner

P.001/002

COPY

IREDELL COUNTY HEALTH DEPARTMENT

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

IMPROVEMENT PERMIT / CERTIFICATE OF COMPLETION / OPERATION PERMIT / EXISTING SYSTEM INSPECTION

PROPERTY DESCRIPTION NO. 19381 DATE Dec 15, '94 TAX MAP NO. 2L2A 446 4627-62-7195 Watershed: ☒ Yes ☐ No WSIV

OWNER OR CONTRACTOR Ben & Thomas PHONE: Business 663-1600 Home

ADDRESS 408 N. Main Stg Mooresville

LOCATION 1100 TR 1115 TR 1215 (Grasshopper) TR Tweed Place extend

SUBDIVISION Crescent Park BLOCK / SECTION 8 LOT 446 LOT AREA 20,000 ft²+ SITE CLASS, PS per 1997 DESIGN FLOW 360 gpd L.T.A.R. .1

Septic Tank: 1000 Gallons; STB Date

Pump Tank: 1000 Gallons; PT Date

Pump Make: Model Serial No.

Nitrification Field: No Fields 3 Square Feet 3600 Linear Feet 720

No Lines 12 Trench Width 1' min. Max Trench Bottom Depth 14" Gravel Depth 8" min

☒ New System ☐ Repair System Type: I, II, III, IV, V, VI

System Description: LPP

Repair System Description: * unknown

Maintenance Agreement Required: ☒ Yes ☐ No

☐ House/Mod. Home No. Bedrooms 3 5

☒ Mobile Home No. Bathrooms

☐ Business No. Employees

☐ Other

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

Water Supply: ☒ Individual ☐ Community ☐ Public

Comments: * This site was recorded prior to 1983 and contains no on site repair area. Preconstruction conference required. Water conservation and landscape critically important to the system's function. Recommend owner consider increasing trench width to 24".

Comments: LPP plan designer to provide written certification that final installation meets the specifications of this plan

[redacted]

INITIAL SITE SKETCH

SEE LPP PLAN Specifications

AS BUILT SKETCH

Substantially as shown on LPP Plan

I understand that this 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 sy

Improvement Permit is valid for 60 months from date of issuance.

Signed:

Improvement Permit by: Jack R. Hanson RS date 12/15/94

Existing System Inspection by: date

Installed by:

Certificate of Completion by: date

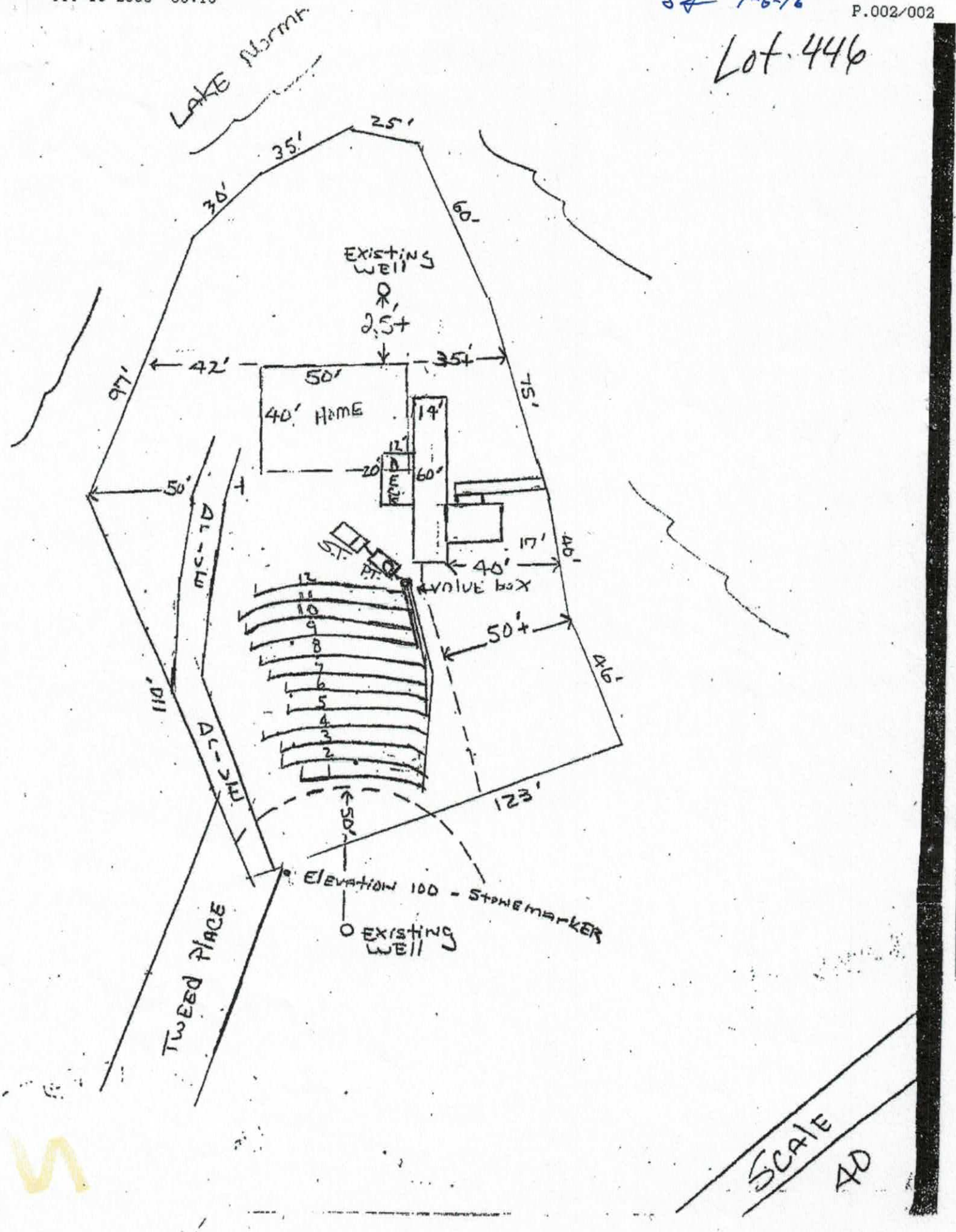
Operation Permit by: Jack R. Hanson RS date 12/29

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

OCT-13-2006 05:13

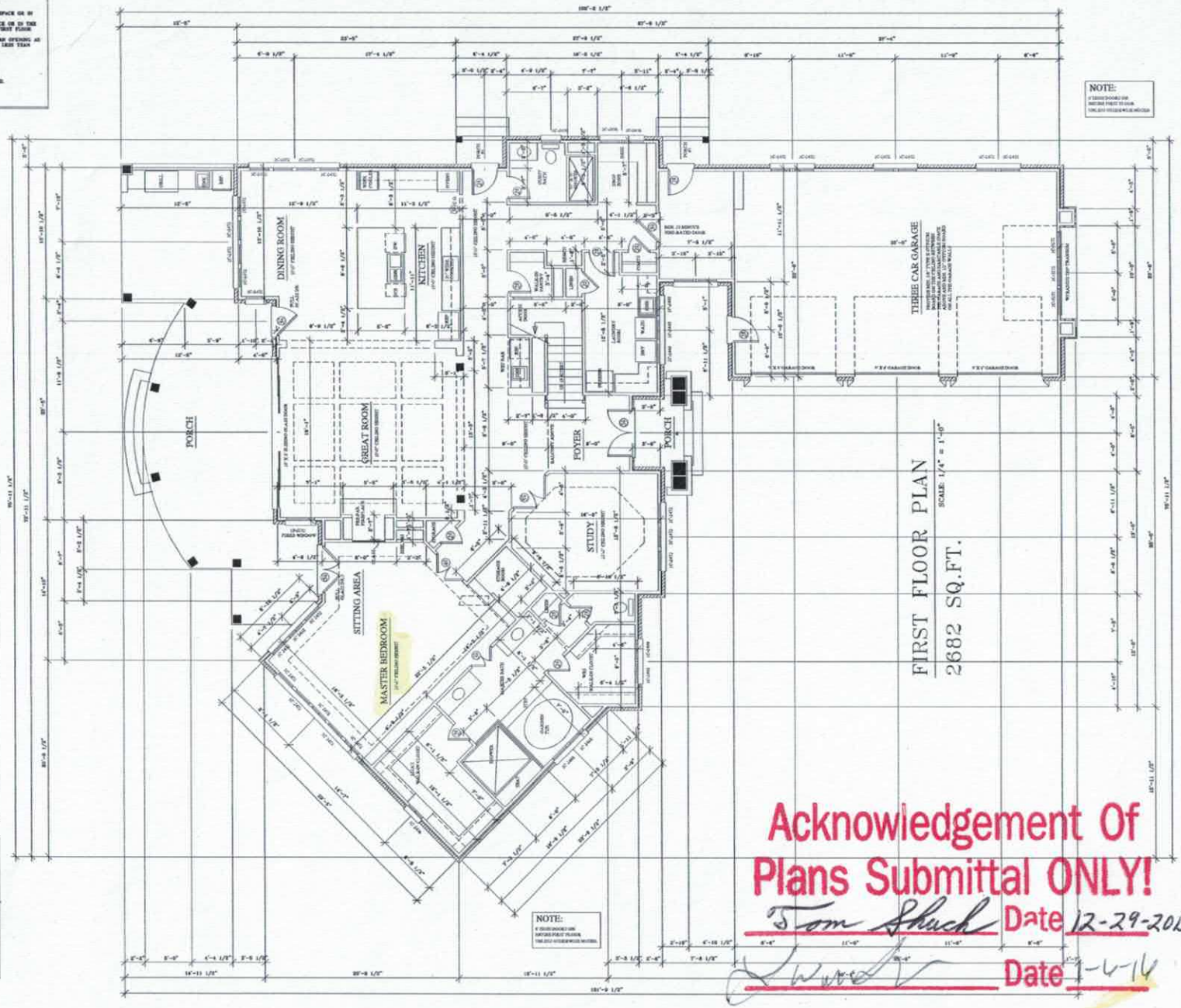
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Lot 446

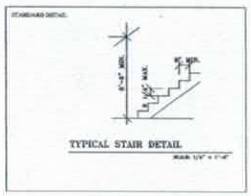

Lake Norma
25'
35'
30'
60'
Existing Well
2.5+
97'
42'
50'
35'
75'
40' Home
14'
12'
20'
60'
50'
17'
40'
40'
Valve box
50'+
46'
110'
Access
123'
50'
Elevation 100 - Stonemarker
Existing Well
Tweed Place
Scale
40

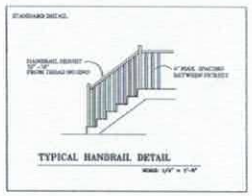
PLAN NOTES:

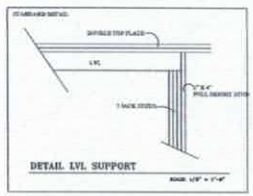
1. VERIFY ALL LOCAL CODES, SOILS TYPES, AND SITE CONDITIONS PRIOR TO CONSTRUCTION.
2. REVIEW SELECTED MECHANICAL SYSTEMS WITH OWNER PRIOR TO CONSTRUCTION.
   RECOMMENDED LOCATIONS ARE AS FOLLOWS:
   THE WATER HEATER MAY TYPICALLY BE PLACED IN THE CRAWL SPACE OR IN THE GARAGE.
   H.V.A.C. UNIT(S) MAY TYPICALLY BE PLACED IN THE CRAWL SPACE OR IN THE ATTIC FOR 1ST STORY HOMES. IN THE CRAWL SPACE FOR THE FIRST FLOOR AND IN ATTIC FOR THE SECOND FLOOR IN TWO STORY HOMES.
   H.V.A.C. EQUIPMENT IN ATTIC SPACE SHALL BE ACCESSIBLE BY AN OPENING AS LARGE AS THE LARGEST PIECE OF EQUIPMENT AND IN NO CASE LESS THAN 22"X36".
3. SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. INSULATE AROUND ALL DUCTS AND UTILITY ROOM.
5. TYPICAL WALL STUD @ 16" O.C. UNLESS OTHERWISE DIMENSIONED.
6. PROVIDE SMOKE DETECTORS AS REQUIRED BY CODE.
7. PROVIDE DOORBELL, TRANSFORMER, AND CHIME.



FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"
2682 SQ.FT.







Acknowledgement Of
Plans Submittal ONLY!
Tom Shuck Date 12-29-2015
Date 1-4-16

JEFFERY D. GRAY
RESIDENTIAL DRAFTING & DESIGN

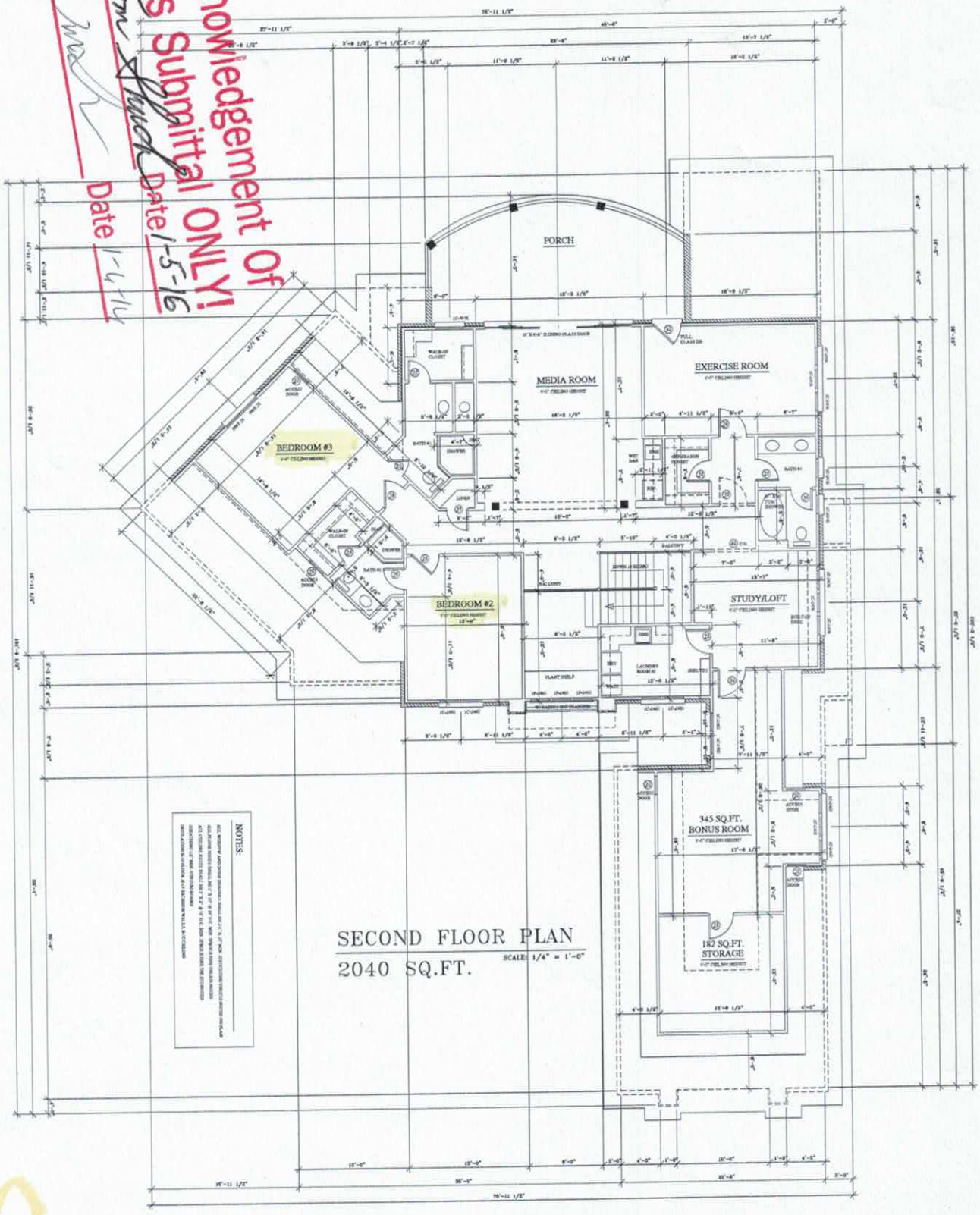
McLEMORE RESIDENCE

DATE: APRIL 2, 15
REVISED:
SEPT 28, 15

FILE NUMBER

SHEET: 4 OF 6

Acknowledgement Of
Plans Submittal ONLY!
Date 1-5-16
Date 1-4-16



SECOND FLOOR PLAN
2040 SQ.FT.
SCALE: 1/4" = 1'-0"

5

McLEMORE RESIDENCE

JEFFERY D. GRAY
RESIDENTIAL DRAFTING & DESIGN