IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 218360

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

PIN # 4639-44-6750

APPLICANT: Mike Palmer Homes/Tony Maxey APPLICANT ADDRESS: 6211 Denver Industrial Park Rd. Denver, NC

SITE ADDRESS: 111 Holton Lane Mooresville, NC PHONE: 828-312-2972 ALT. PHONE:

SITE DIRECTIONS: Perth Rd N from Rt 150 → L on Fern Hill Rd → L on Holton Lane → Lot on left

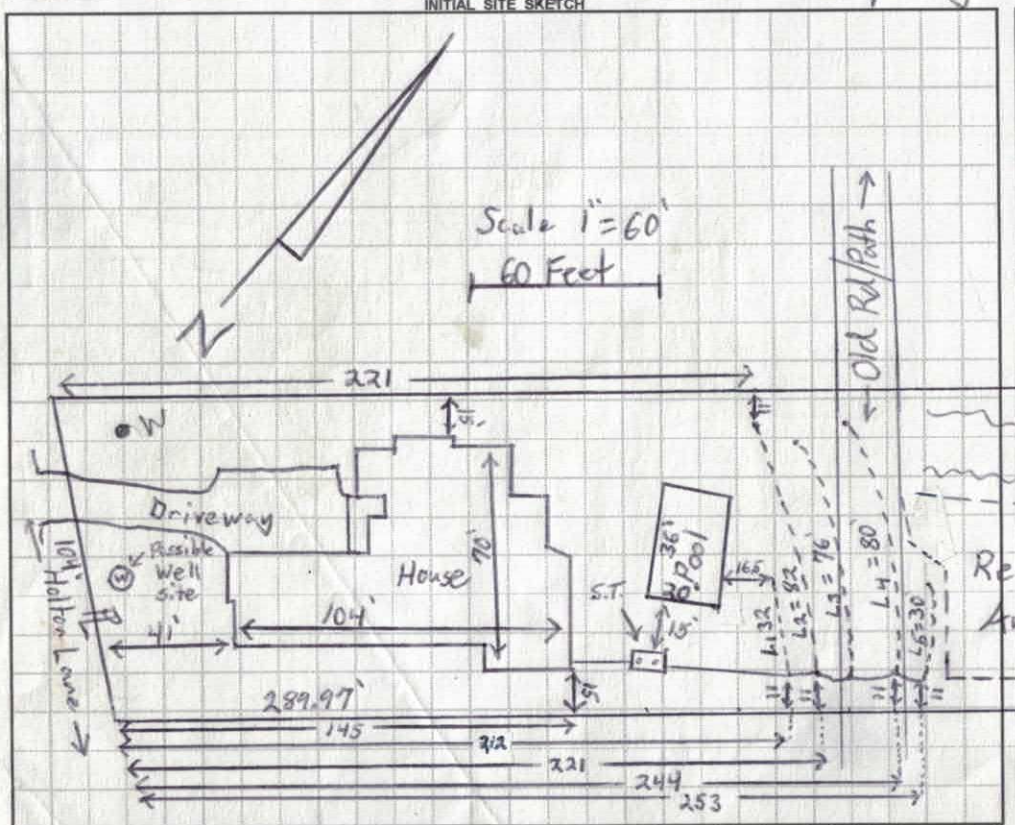
SUBDIVISION: Northington Woods SECTION: LOT # 2 LOT AREA: 1.465 acres DESIGN FLOW: 360 GPD L.T.A.R.: 0.30

Septic Tank	1000	(gal)	STB	194	Date	1-17-17	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	
Pump Tank	—	(gal)	PT	—	Date	—	System Description: 25% Reduction				
Pump Make	—	Model	—		Serial #	—	Repair System Description: 50% Reduction - LP PPBRS				
# Nitrification Fields	1	# Lines	5		Linear Ft:	300	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	36"	Max. Trench Bottom Depth	34"-36" high side		Gravel Depth	—		☒ GRAVITY	☐ PRESSURE		

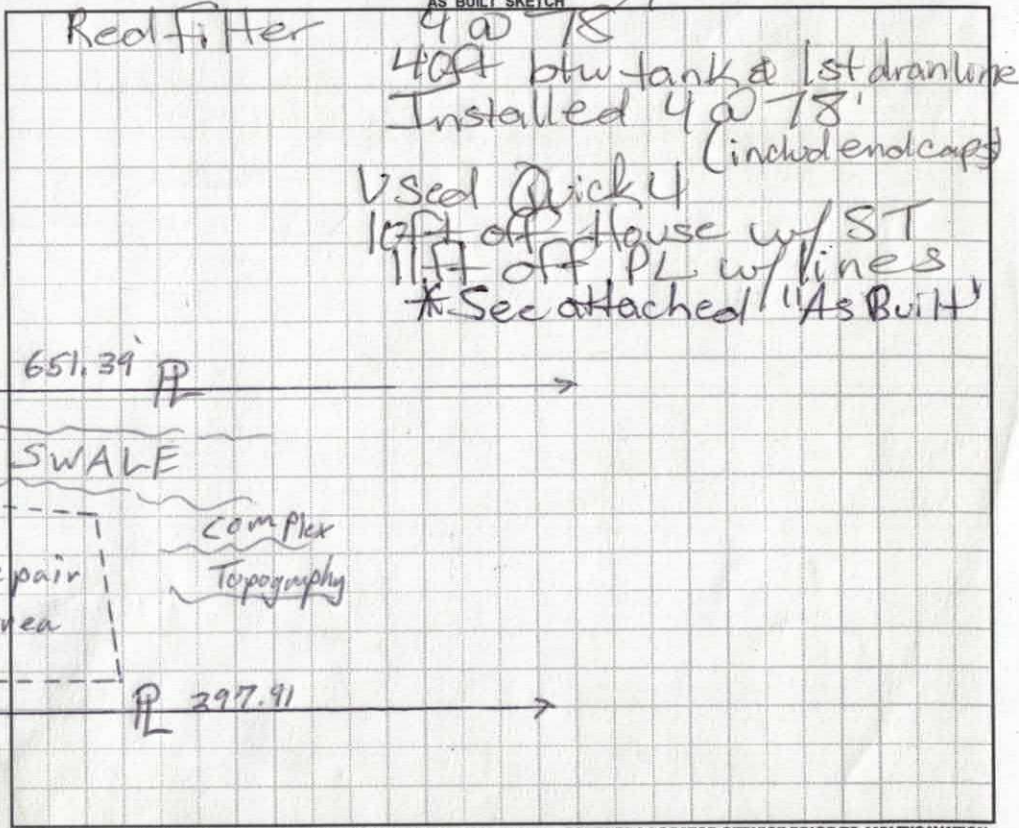
☒ Residence	No. Bedrooms	3	Water Supply	
☐ Business	No. Persons	6	☒ Private	
☐ Other	No. Employees		☐ Public	
☐ Slab	☒ Crawl Space		☐ Community	
☐ Basement w/plumbing		☐ Basement w/o plumbing		

Comments / Conditions: Follow all N.C. septic rules. Recommend pumping septic tank every 3-5 years. At time of site visit [11-6-2017] several house box stakes appeared to be missing while several others did not appear to match the plat by Dedman Surveyo emailed 12-9-2016. It is strongly recommended that all corners be verified by the surveyor/ owner prior to proceeding w/ construction

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: [signature] Date: 1-17-17 Installed by: Kevin Hallman

IMPROVEMENT PERMIT by: Tom Shuck Date: 1/13/17 OPERATION PERMIT by: Maria Olson Date: 8/17/17

AUTHORIZATION TO CONSTRUCT by: Tom Shuck Date: 1/13/17 Existing System Inspected by: Date:

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

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: Jesse Brown
ADDRESS: 6211 Denver Industrial Park Dr. Denver, NC
PROPOSED FACILITY: 3BR
PROPOSED DESIGN FLOW (.1949): 360 GPD
LOCATION OF SITE: 111 Holton Lane Mooresville
APPLICATION DATE: 11/23/16
DATE EVALUATED: 11/6/2017
PROPERTY SIZE: 1.4 acres
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
1	Shoulder LS 15%	0-5"	SCL vw. SBK + organics	Sl. Firm, SS, Sp, Sexp	–	34"	–	–	0.3 PS
		5-23	Clay w. SBK + roots	Sl. Firm, SS, Sp, Sexp					
		23-34	Clay Loam w. SBK + Saprolite	Sl. Friable, SS, Sp, Sexp					
		34-66	MA Loamy saprolite + some clay plugs	Friable moderately Drained					
		66-72"	MA Sandy Saprolite	Very Friable + well Drained	34-36" TB				
2	LSS 15% Path In Road	0-4"	SCL w. SBK (compacted)	Firm, SS, Sp, Sexp	–	50"	–	–	0.3 PS
		4-26	Clay m. SBK/ABK	Firm, stky, Sp, Sexp					
		26-50"	Clay Loam w. SBK Trace clay Plugs + Saprolite	Sl. Friable SS Sp, Sexp					
3	LSS 14% Near In Path	0-7	SCL w. SBK	Firm, SS, Sp, Sexp	–	38	–	–	0.3 PS
		7-21	Clay m. SBK						
		21-38	Clay Loam						
		38-72	Saprolite MA	Very Friable, moderate Drained					
4	LSS 16% Repair Below Path	0-6	SCL w. SBK + organics	Sl. Firm, SS, Sp, Sexp	–	35	–	–	0.3 PS
		6-23	Clay w. SBK	Sl. Firm, SS, Sp, Sexp					
		23-35	Clay Loam w. SBK + some Saprolite	Friable, SS, Sp, Sexp					
		35-68	Loamy Saprolite MA	Very Friable + well Drained					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	300'	270'
System Type(s)	25% reduction	50% reduction
Site LTAR	0.3	0.3

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

L_1 Pink = 6.70' 82'

L_2 Blue 8.12' 76'

L_3 Red 9.45' 80'

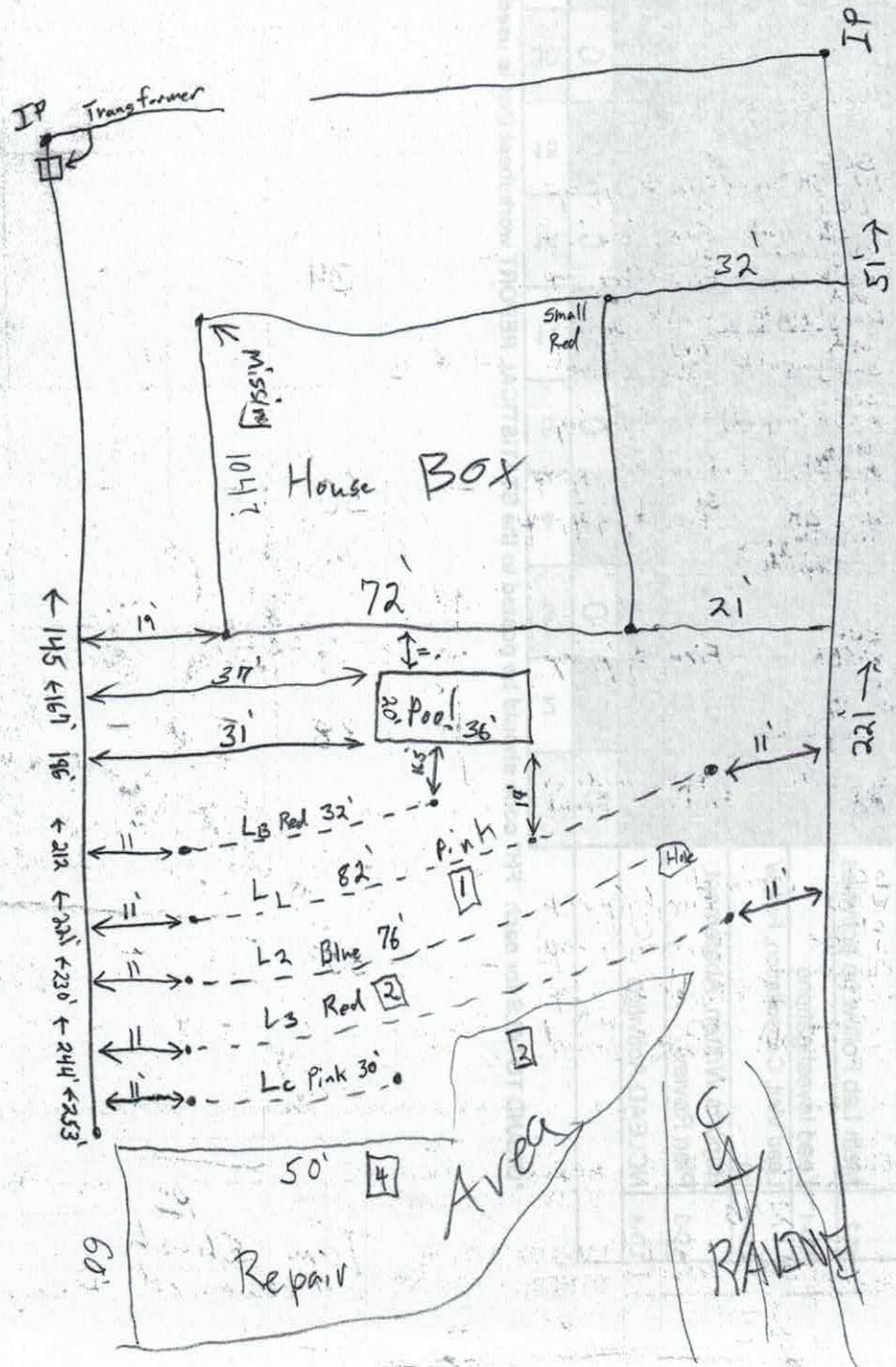
~~Top LA Blue~~ 10

Top LB: Red ± 32

270

L_C Pink 10.15 ⊥ 30

300



Please CALL prior to inspection

Name: Jesse Brown

Number: 828-312-2972

Paid $180/100 Site Revisit 1-17-17 RECEIVED DEC 2 - 2016

DELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 1: *APPLICATION FORM*

Paid $320.00 # 218360 Int. Rd.

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

(✓) 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: Mike Palmer Homes **Address:** 6211 Denver Industrial Park Rd Denver Jesse Brown **Phone:** 828-312-2972

Owner Name: Tony + Tammie Maxey **Address:** 111 Holton lane Mooresville NC **Phone:**

Property Information:

Street Address: 111 Holton lane Mooresville NC

Subdivision Name: Northington Woods Subdivision **Section/Phase:** _____ **Lot Number:** 2

Driving Directions: Hwy 150 + I-77 go 150 west (TR) Perth Rd (TL) Fern Hill Rd (TL) Holton lane 2nd lot on left

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: 3
Maximum Number of Occupants: 3
(✓) 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:** NA

( ) 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: _____ 11/28/16

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

250' to first Stake → Road

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, TONY E & TAMMIE MAXEY, am the legal owner(s) of the property located at LOT 2 NORTHINGTON WOODS SUBDIVISON / 111 HATTON LANE, identified as PIN (Parcel Identification Number) 4639446750.000, located in Iredell County, North Carolina.

I do hereby authorize (**print legal representative/company name**) MIKE PALMER 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.

Tony E Maxey Tammie Maxey 11/21/16 _____ 11/21/16

Signature of Owner(s) Date Signature of Witness Date

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

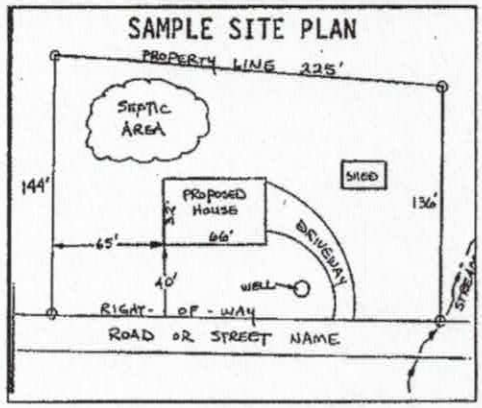
ENVIRONMENTAL HEALTH DIVISION

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:

- (√) 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



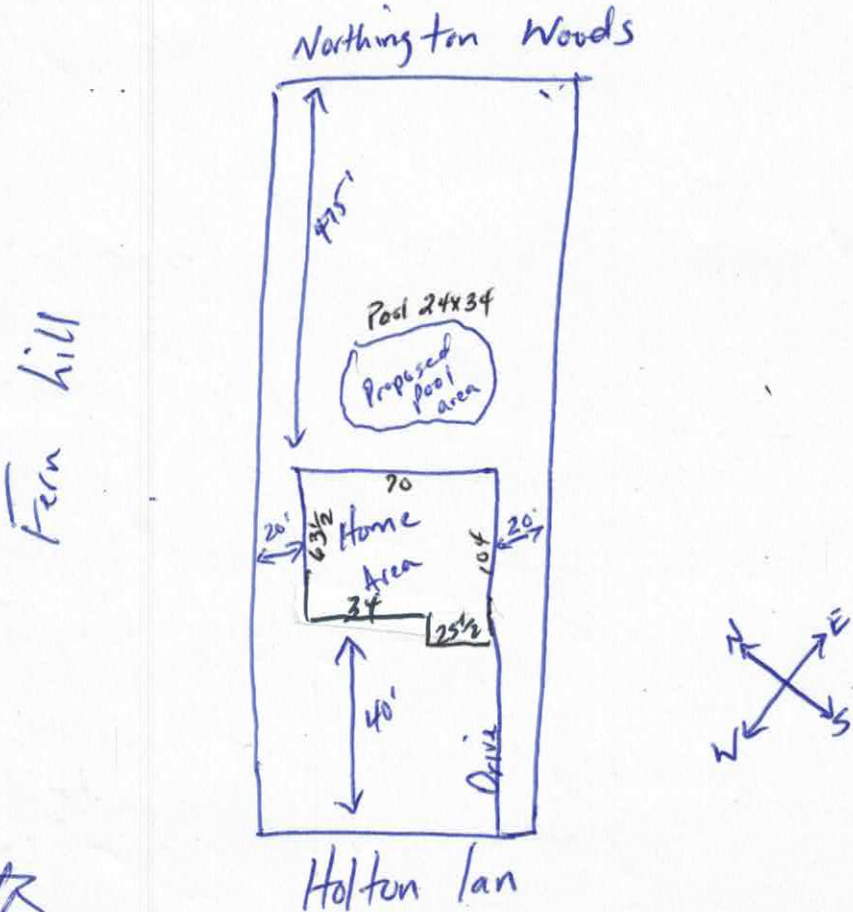
Circle N/A on the following if appropriate:

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 page for larger drawing

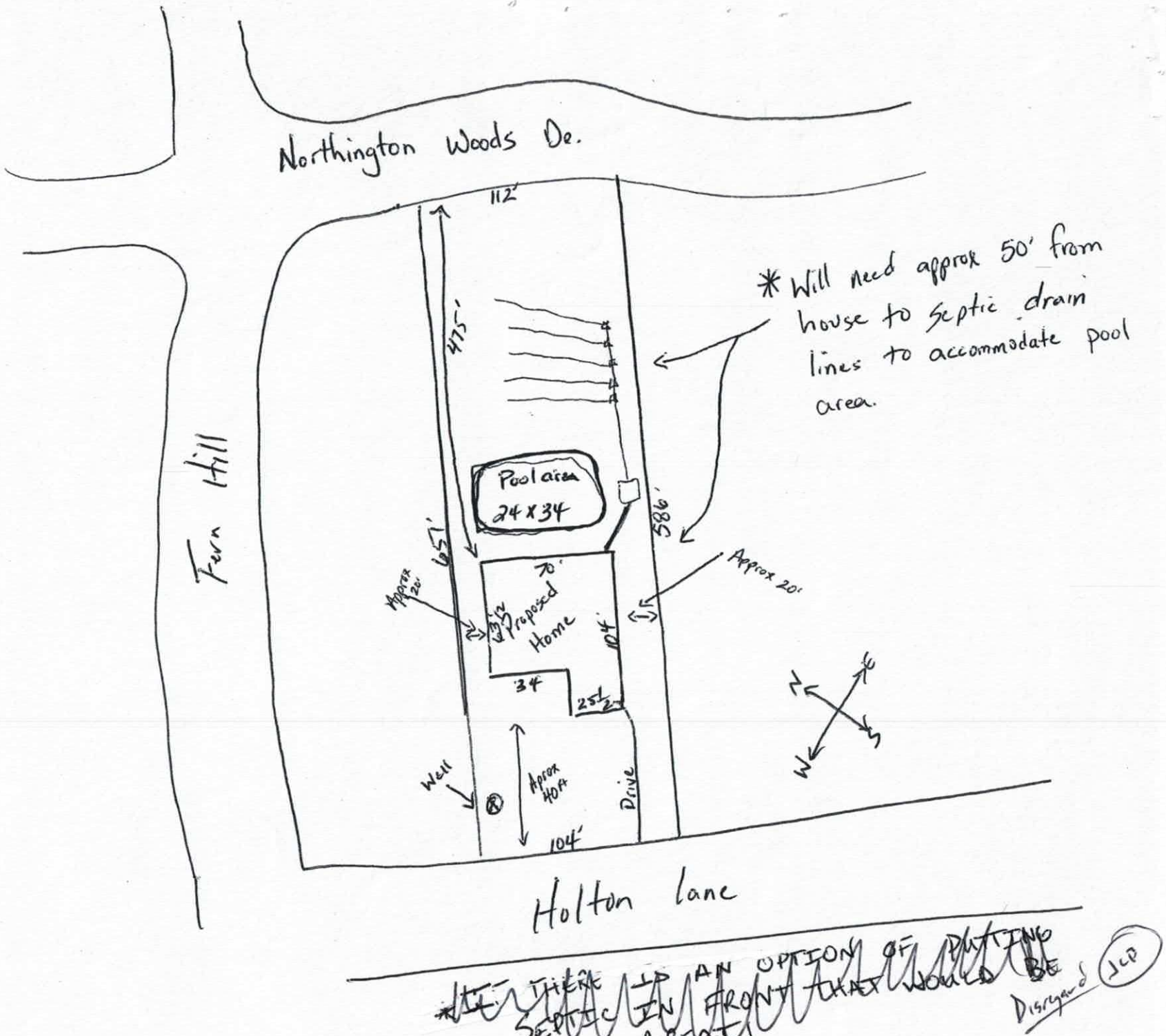


Signature: _____

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

11/20/10

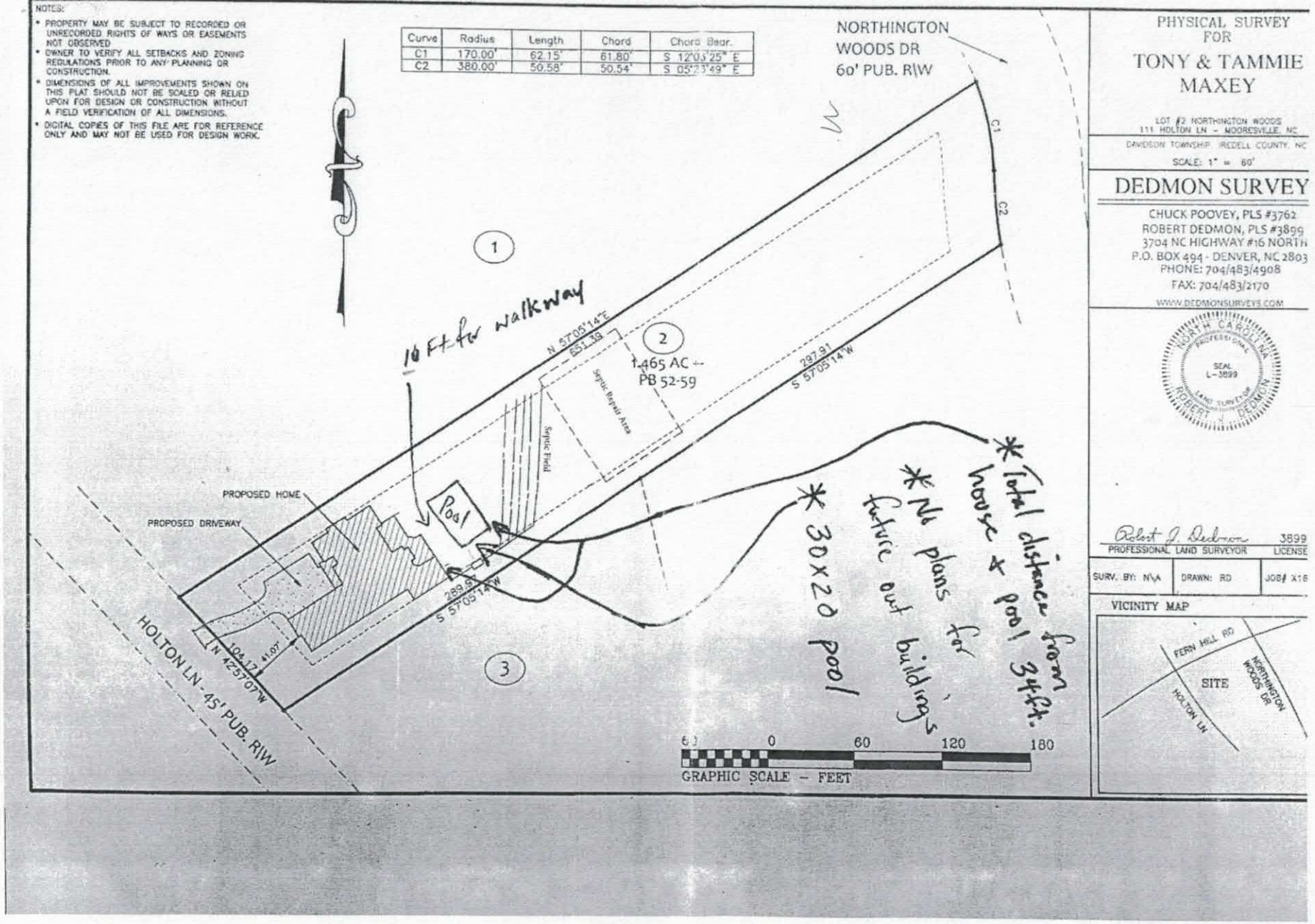
DATE


Northington Woods Dr.
112'
475'
Pool area
24 x 34
657'
586'
70'
Approx 20'
Approx 20'
35'
Proposed Home
104'
34'
25½'
Well
Approx 40ft
Drive
104'
Fern Hill
Holton Lane
* Will need approx 50' from house to septic drain lines to accommodate pool area.
N
E
S
W
THERE IS AN OPTION OF PUTTING SEPTIC IN FRONT THAT WOULD BE GREAT!
Disregard
JCP

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.

Curve	Radius	Length	Chord	Chord Bear.
C1	170.00'	62.15'	61.80'	S 12°03'25" E
C2	380.00'	50.58'	50.54'	S 05°23'49" E



PHYSICAL SURVEY
FOR
TONY & TAMMIE MAXEY

LOT #2 NORTHINGTON WOODS
111 HOLTON LN - MOORESVILLE, NC
DAVIDSON TOWNSHIP, IREDELL COUNTY, NC
SCALE: 1" = 60'

DEDMON SURVEY
CHUCK POOVEY, PLS #3762
ROBERT DEDMON, PLS #3899
3704 NC HIGHWAY #16 NORTH
P.O. BOX 494 - DENVER, NC 2803
PHONE: 704/483/4908
FAX: 704/483/2170
WWW.DEDMONSURVEYS.COM

NORTH CAROLINA PROFESSIONAL SEAL L-3899 LAND SURVEYOR ROBERT DEDMON

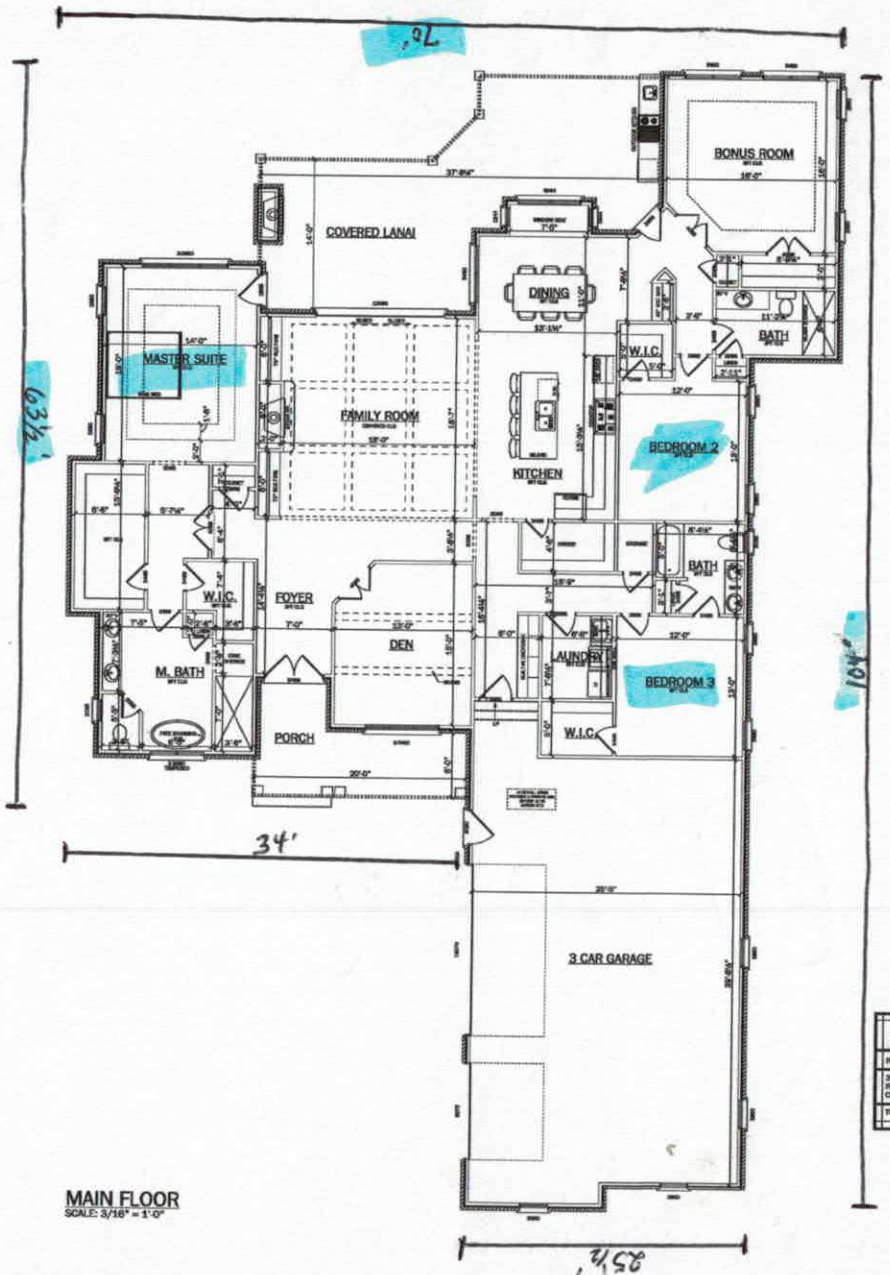
Robert J. Dedmon 3899
PROFESSIONAL LAND SURVEYOR LICENSE

SURV. BY: N\A	DRAWN: RD	JOB# X16

VICINITY MAP

GENERAL NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES, REGULATIONS, AND FHA/VA HPA.
2. CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AT SITE BEFORE BEGINNING CONSTRUCTION ANY DISCREPANCIES SHALL BE REPORTED FOR VERIFICATION AND/OR CORRECTION BEFORE PROCEEDING WITH WORK. CONTRACTORS SHALL ASSUME RESPONSIBILITY FOR ERRORS THAT ARE NOT REPORTED.
3. ALL DIMENSION SHOULD BE READ OR CALCULATED AND NEVER SCALED.
4. ALL FOOTINGS TO BE BELOW FROST LINE (SEE LOCAL CODE) AND REST ON UNDISTURBED SOIL CAPABLE OF HANDLING THE BUILDING. CONSULT LOCAL ENGINEER FOR PROPER FOOTING AND REINFORCING SIZES.
5. CONTRACTOR SHALL VERIFY COMPATIBILITY OF THE BUILDING WITH ALL SITE REQUIREMENTS.
6. ALL FOUNDATION AND STRUCTURAL REPAIRS SHOULD BE VERIFIED AND STAMPED BY LOCAL STATE CERTIFIED STRUCTURAL ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR ACQUIRING AND VERIFYING ALL STRUCTURAL DETAILS AND CONDITIONS TO MEET ALL LOCAL CODES AND TO INSURE A QUALITY AND SAFE CONSTRUCTION.
7. ALL ANGLED WALLS ARE 45 DEGREES, U.N.O.
8. ALL OPENINGS ARE CENTERED IN WALL OR 4" FROM CORNER, U.N.O.
9. TRAPS SHALL BE DRAIN AT 3-1/2" SEAL U.N.O.



MAIN FLOOR
SCALE: 3/16" = 1'-0"

Sq Footage (OUTSIDE OF FRAMING)	
FIRST FLOOR	3054
3 CAR GARAGE	1109
RIGHT PORCH	165
COVERED LANAI	546
TOTAL UNDER ROOF	

Acknowledgement of Plans Submittal ONLY!

Date 12/2/16

Date 1/19/17

MEMBER AIBD AMERICAN INSTITUTE of BUILDING DESIGN

TWENTY ONE HOME DESIGN
704-401-6859
WAXHAW, NC

THIS COPYRIGHTED DESIGN IS THE SOLE PROPERTY OF TWENTY ONE HOME DESIGN AND MAY NOT BE USED OR REPRODUCED WITHOUT A WRITTEN CONSENT OF TWENTY ONE HOME DESIGN

MAXEY RESIDENCE

PAGE: 1 FIRST FLOOR

PAGE SIZE 24"X36"

DATE: Tuesday, November 08, 2016
SCALE: 3/16" = 1'-0"