RECEIVED JUL 0 1 2014 Paid $350.00 10-22-13

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: ( ) 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: Meritage Homes Address: 11605 N Community Rd st 250 Charlotte NC 28217 Phone: 704 3096577

Owner Name: " Address: " Phone: 7046588610

Property Information:

Street Address: 113 Leaning Tower Dr

Subdivision Name: Bells Crossing Section/Phase: 2 Lot Number: 47

Driving Directions: 150 W, R onto Perth Rd, L into Bells Crossing, R onto San Agustine Dr, L onto Leaning Tower, 3rd 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: 5
Maximum Number of Occupants: 10
( ) 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: [signature] 7-1-14

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

IREDELL COUNTY HEALTH DEPARTMENT

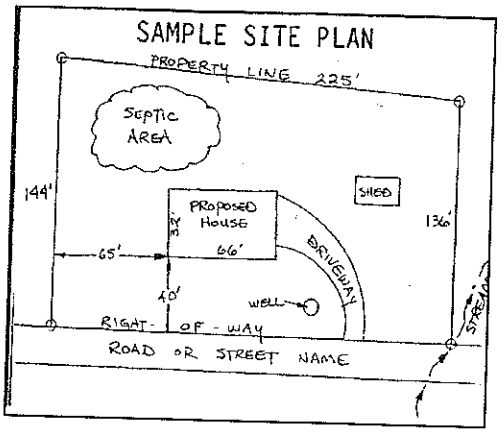
ENVIRONMENTAL HEALTH DIVISION

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:

- (X) Property Line measurements are clearly identified
- (X) All proposed structures are indicated
- (X) Front and side setbacks from property line
- (X) Preferred driveway location and well location
- (X) Area you prefer your septic system to be placed
- (X) 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: Mill Bell

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

7-1-14

DATE

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

Zoning Permit

Permit Number: 181589ZO

Printed: 10/22/2013

Master #: 181589

Associated Permits:
181589ZO Zoning

Applicant

Name: Meritage Homes of North Carolina, Inc. **Phone:**
Address: 7761 Ballantyne Commons Pkwy ste 103
Charlotte, NC 28277

Parcel

Parcel Number: 4639955462.047
Address: 113 LEANING TOWER Dr.
MOORESVILLE, NC 28117
Subdivision: Bells Crossing

Zoning: RA
Township: 1700
Area: .82
Lot(s): 47

Directions to Parcel: i77 to exit 42, left off ramp, left us21, left flower house lp, right carlyle rd, right fern hill rd, left perth, right bells crossing dr, right n san agustin dr,

Owners

Name: Meritage Homes of NC, INC
Address: 7761 Ballantyne Commons Parkway Suite 1(
Charlotte, NC 28277

Phone: 704-944-8900
Fax: 704-944-8910

Contractors

Contractor Type: Building
Name: Meritage Homes of North Carolina, Inc.
Address: 7761 Ballantyne Commons Pkwy ste 103
Charlotte, NC 28277

Fees and Receipts:

Number	Description	Amount
FEE-299687-07	Zoning - Permit Application	$75.00
FEE-299688-07	Technology Fee - Planning	$2.25
FEE-299900-07	Environmental Health - Gravity - Fast Track	$350.00

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LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	WHITE	0	15
2	RED	0.7	29
3	BLUE	1.2	46
4	YELLOW	2.1	64
5	PINK	3.7	75
6	WHITE	4.5	18
7	ORANGE	6.1	100
8	BLUE	8.2	111
9	YELLOW	10.2	116
10	PINK	12.7	106
11	PINK	15.0	75
12	BLUE	17.8	94
13	ORANGE	19.7	85

APPROVED JUL 25 2014

APPROVED JUL 25 2014

AHP

LOT 47 BELLS CROSSING SUBDIVISION

5-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
LINES 8-12 TOTAL 502 LINEAR FEET USE 500 FEET
EZFLOW OR CHAMBER
LTAR 0.3
25% REDUCTION
36" TRENCH DEPTH MAX AFTER COVER IS ADDED

5-BEDROOM LPP FED PANEL BLOCK REPAIR
LINES 1-7 13 TOTAL 417 LINEAR FEET
CHAMBER
LTAR 0.3
50% REDUCTION
36" TRENCH DEPTH MAX

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

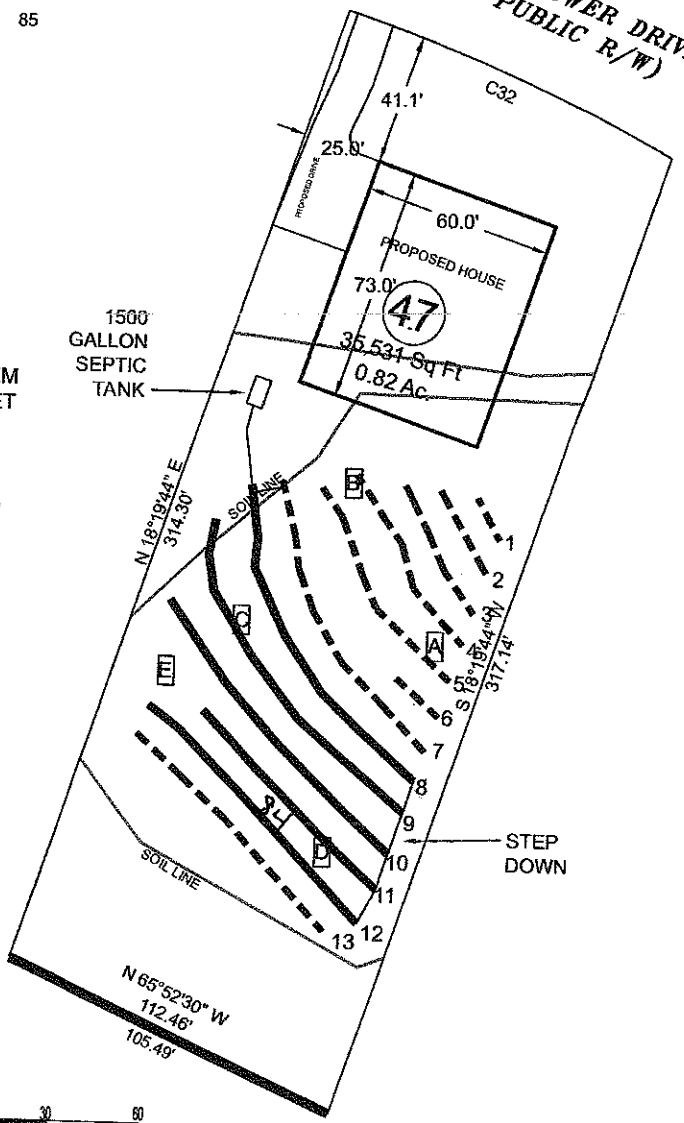
SOIL PROFILES AND ANALYSIS PROVIDED BY
CENTRAL CAROLINA SOIL CONSULTING PLLC

PRIMARY SYSTEM

REPAIR SYSTEM

REPAIR LINES
(NOT USED)

PIT OR AUGER BORING A



0 30 60

SCALE:
1" = 60 f t.

Bateman Civil Survey Company
Engineers Surveyors Planners
209 N. Main Street, Holly Springs, NC 27540 Ph: 919.577.1080 Fax: 919.577.1081
www.batemancivilsurvey.com info@batemancivilsurvey.com
NCBELS Firm No. C-2378

MeritageHomes

LOT 47
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE: 07/01/14 DRAWN BY: AH CHECKED BY:TMB

Sheet:
Property ID:
Lot #:
File #:
AppID:

CCSC SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Meritage Homes
Address: See App
Proposed Facility:
Location of Site: Bells Crossing Lot 47
Water Supply: [X] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [X] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

Applicant:
Date Evaluated: 10-8-2013
Property Size:
Property Recorded:
Design Flow (.1949)

PROFILE #	1940 Landscape Position/ Slope%	Horizon	Depth (IN)	SOIL MORPHOLOGY 1941 Structure/ Texture	1941 Consistence Mineralogy	b PROFILE FACTORS 1942 Soil Wetness/ Color	1943 Soil Depth (IN)	1956 Sappo Class	1944 Restr. Horiz	Profile Class & LTAR
A	R	A	0-3"	Gr Loam	VFR NS NP	10YR 3/2				
		E	3-6"	Gr Loam	VFR NS NP	10YR 6/4				
		BT1	6-39"	SBK Clay	FI SS SP	10R 4/8				S 0.3
		BT2	39-55"	SBK Clay	FI SS SP	2.5YR 5/8 10YR 7/6 10%				S 0.3
B		B	0-6	SBK, CL	FR, SS, SP	5YR 5/6				
		AE	6-19	Gr, SL	VFR, NS, NP	7.5YR 4/6				
		Bt	19-53	SBK, Clay	FI, SS, SP	2.5YR 4/8 10YR 7/6 5%	S			S 0.3
C		A	0-3"	Gr Loam	VFR NS NP	2.5YR 3/3				
		BT1	3"-33"	SBK Clay	FI SS SP	10R 4/8				
		BT2	33-56"	SBK CL	FR SS SP	→ 2.5YR 4/8 7.5YR 6/8 5%				S 0.3
D		A	0-3	Gr Loam	VFR NS NP	2.5YR 3/3				S 0.33
		BT1	3-21"	SBK Clay	FI SS SP	10R 4/8				
		BC	21"-51	WK SBK CL	FI SS SP	2.5YR 4/8 7.5YR 6/8 15% 7.5YR 8/2 5%				S 0.3 S 0.33

APPROVED JUL 25 2014

Description	Initial System	Repair System
Available Space (.1945)	Yes	Yes
System Type(s)	Accepted Gravity	Accepted
Site LTAR	.3	.3

Other Factors (.1946):
Soil Evaluation By: JH, MB
Others Present:
Site Classification (.1948):
Site Evaluation By:
Others Present:

B1 0-4 R SCL GR FR SS SP TR SP
NS 4-19 R CAFSBA FR SS SP TR SP
14% 19-48 YR CL WFSBA FR SS SP SBP Con Sap, few WR around 28"
B2 0-4 L SCL GR FR SS SP TR SP
SS 4-18 R C WFSBA FR SS SP TR SP .3
2nd 18-30 YR CL WFSBA FR SS SP TR SP Con Sap
30-48 YR CL WFSBA FR SS SP TR SP Common Sap

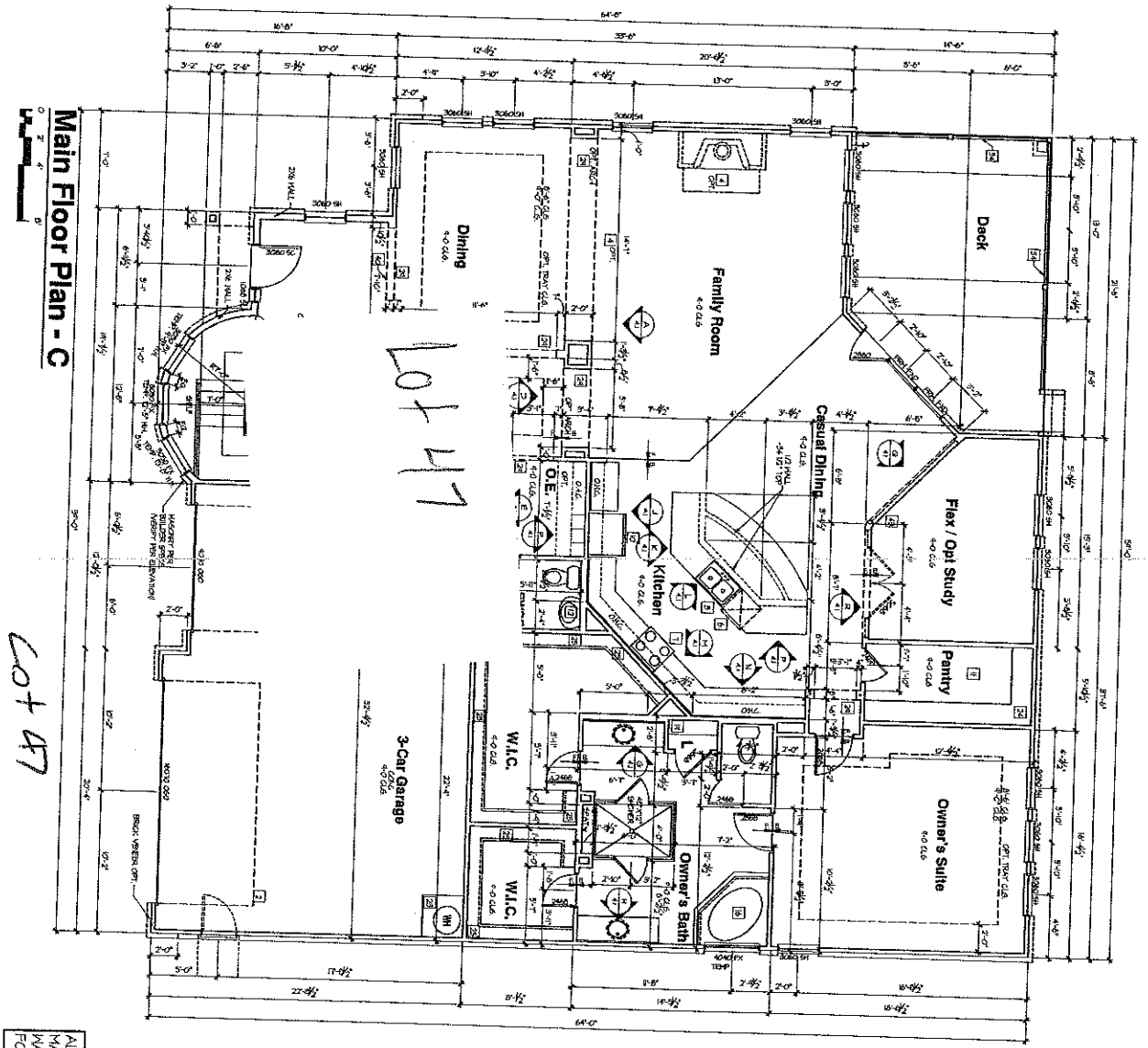
B3 0-30 R C WFSBA FR SS SP SBP .25
SS 30-48 Var CL Sap A FR SS SP TR SP
2nd Con SB minerals Con Sap, Con SB possible Chr 2

LICENSED SOIL SCIENTIST
JASON M. HA
THE GREAT SEAL OF THE STATE OF NORTH CAROLINA
1248
STATE OF NORTH CAROLINA

Acknowledgement Of Plans Submittal ONLY!

Builder Date 7-2-14

Lot Plot Date 7-25-14



ALL EXTERIOR HOUSE WALLS MAY BE OPTIONAL 2X6 STUD WALLS - SEE STRUCTURAL PLANS FOR DETAILS.

SQUARE FOOTAGES

MAIN FLOOR	3972
SUNROOM	0
GARAGE	1000
BONUS	0
OPT BONUS	0
OPT SUNROOM	0
TOTAL	4972

FLOOR PLAN NOTES:

TYPICAL CONSTRUCTION ASSEMBLIES:

Meritage Homes

5400 Trinity Road
Suite 107
Raleigh,
North Carolina 27607
919-322-2265 Phone

ISSUE DATE: 06-25-2013

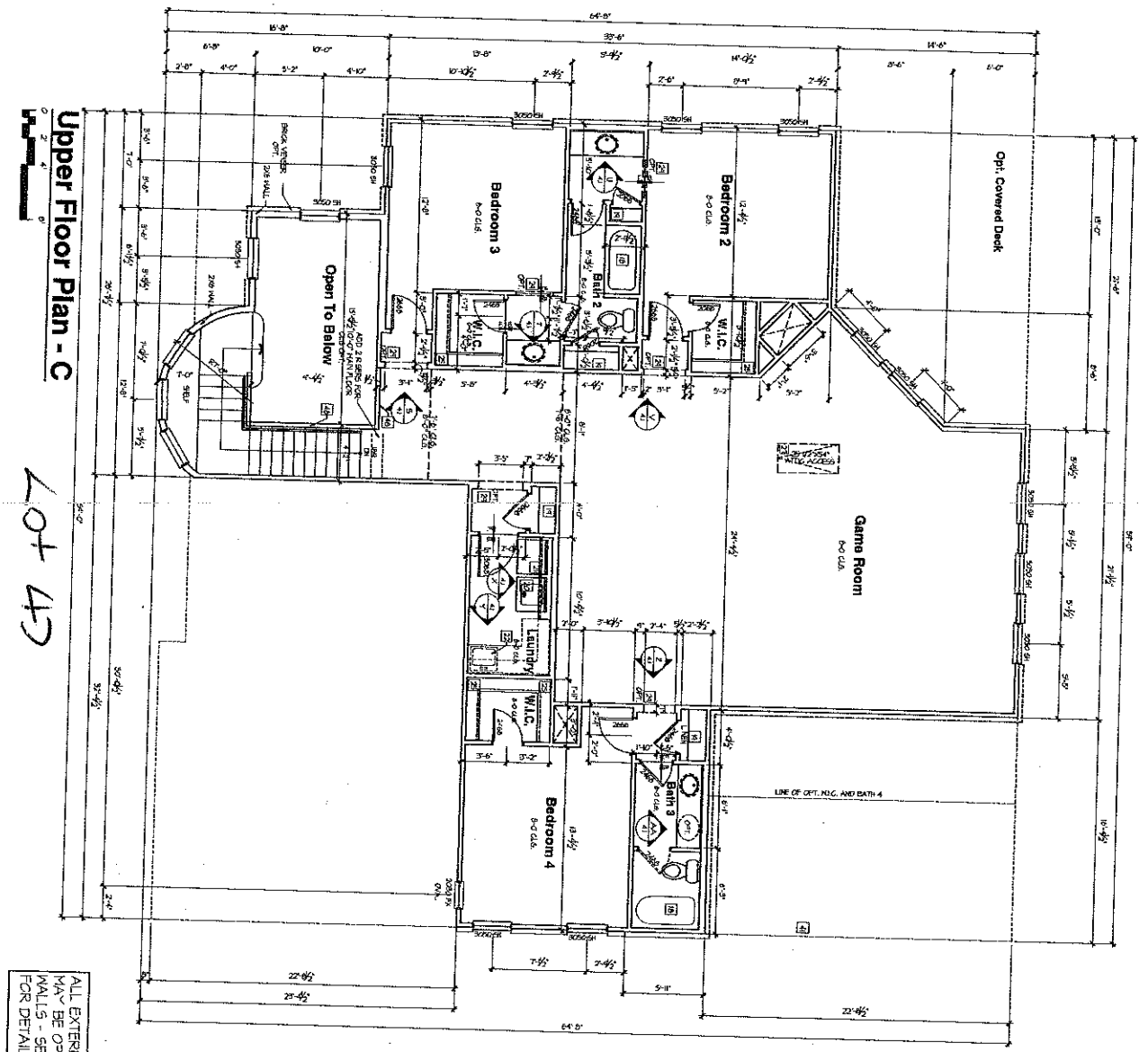
REVISIONS

Plan 4550
A2.1C

Acknowledgement Of Plans Submittal ONLY!

Date 7-2-14

Date 7-25-14



Lot 47

ALL EXTERIOR HOUSE WALLS MAY BE OPTIONAL 2X6 STUD WALLS - SEE STRUCTURAL PLANS FOR DETAILS.

FLOOR PLAN NOTES:

TYPICAL CONSTRUCTION ASSEMBLIES:

Meritage Homes

5400 Trinity Road
Suite 107
Raleigh,
North Carolina 27607
919-322-2285 Phone

ISSUE DATE: 06-25-2013

REVISIONS

Plan 4550
A2.2C