IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 2[illegible]

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

PIN # 4639-73-2714

APPLICANT: BCSC APPLICANT ADDRESS: 2524 Reliance Ave. Apex, NC

SITE ADDRESS: 348 S. San Agustine Dr. Mrsvl. PHONE: 704-658-8616 ALT. PHONE:

SITE DIRECTIONS: Perth, TL Bells, TL S. San Agustine, on R

SUBDIVISION: Bells Crossing SECTION: 4 LOT # 150 LOT AREA: .76 Ac DESIGN FLOW: 480 L.T.A.R.: .3

Septic Tank 1000 (gal) STB 794 Date 2-28-17

Pump Tank (gal) PT Date

Pump Make Model Serial #

Nitrification Fields 1 # Lines 5 Linear Ft: 426'

Trench Width 36" Max. Trench Bottom Depth 24" Gravel Depth —

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

System Description: 25% Reduction

Repair System Description: Panel Block

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

☒ Residence ☐ Business ☐ Other ☒ Slab ☐ Basement w/plumbing

No. Bedrooms 4 No. Persons 8 No. Employees Crawl Space

Water Supply: ☐ Private ☐ Public ☒ Community

☐ Basement w/o plumbing

Comments / Conditions: 11-14-16: See UPDATED house location per plot plan dated 10/18/16 + signed by Tom Shuck 11/14/16. Recommend pumping septic tank every 3-5 years.

Red filter 3/29/17 Short 20ft in last line.
3/30/17 Extra Chambers Quick 4 installed in last line, Checked supply line between line 1 & 2

INITIAL SITE SKETCH

See Plan From BCSC / ICHD

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: 6/17/16 Installed by: Bateman

IMPROVEMENT PERMIT by: APPROVED Date: JUN 14 2016 OPERATION PERMIT by: Marian Dotson Date: 3/30/17

AUTHORIZATION TO CONSTRUCT by: Tom Shuck Date: 11/15/16 Existing System Inspected by: Date:

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

LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	WHITE	2.2	46
2	ORANGE	3.5	62
3	PINK	4.9	84
4	BLUE	6.2	97
5	ORANGE	8.7	88
6	RED	10.6	95
7	PINK	13.3	90
8	BLUE	15.4	91
9	ORANGE	18.3	70
			723

LOT 150 BELLS CROSSING SUBDIVISION

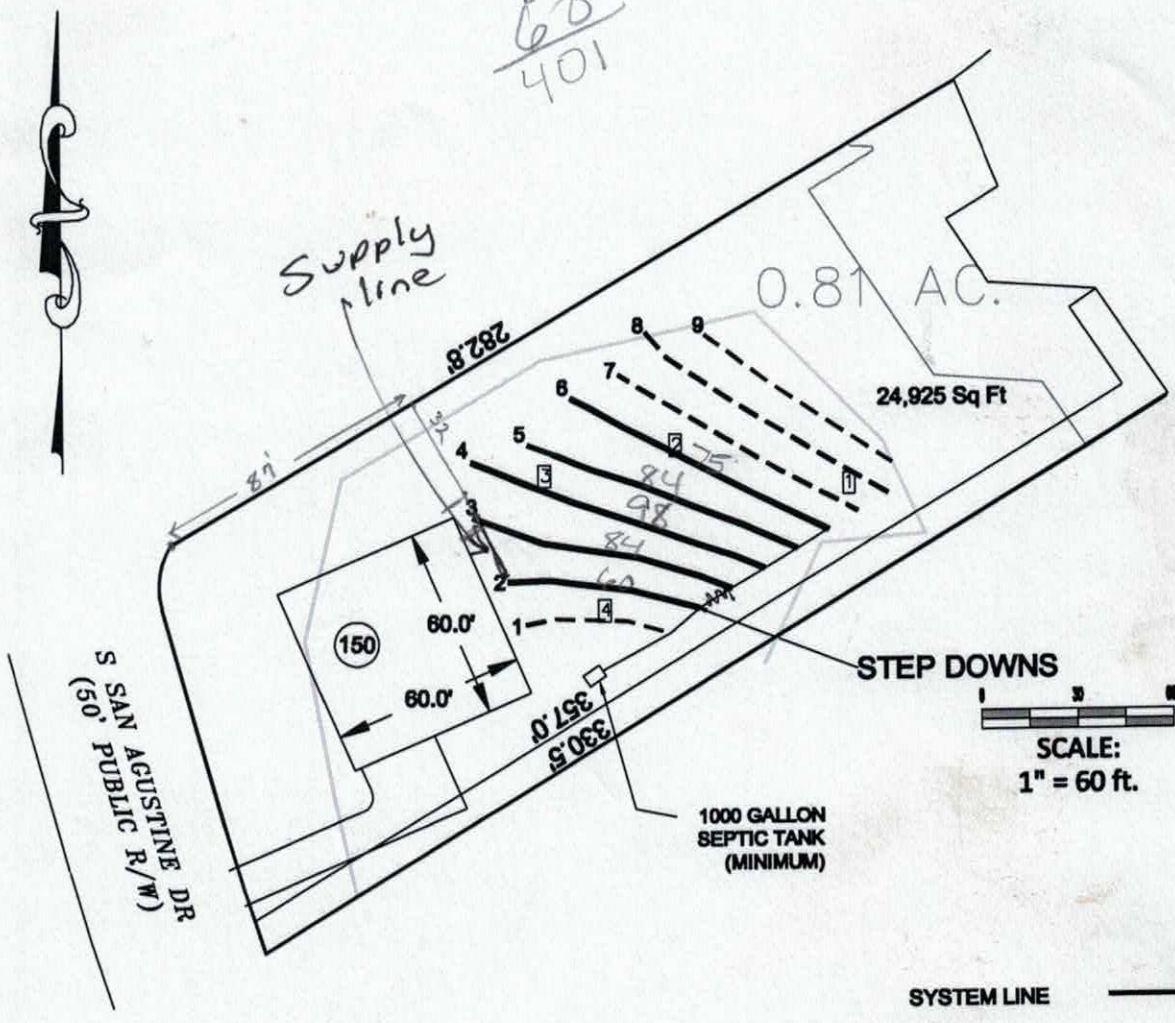
4-BEDROOM ACCEPTED GRAVITY SYSTEM
LINES 2-6 TOTAL 426 LINEAR FEET(USE 400')
EZFLOW OR CHAMBER
24" TRENCH DEPTH
LTAR 0.3
25% REDUCTION

4-BEDROOM LPP FED PANEL BLOCK REPAIR
LINES 1 & 7-9 TOTAL 297 LINEAR FEET
LTAR 0.3
50% REDUCTION

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

SOIL ANALYSIS AND APPLICATION RATES PROVIDED BY IREDELL COUNTY HEALTH DEPARTMENT

275
84
84
84
60
401



Bateman Civil Survey Company
Engineers • Surveyors • Planners
200 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-3576

MeritageHomes

LOT 150
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE:4/22/16 DRAWN BY: MDB CHECKED BY: TMB

LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	WHITE	2.2	40
2A	ORANGE	3.5	54
2B	ORANGE	3.5	13
3A	PINK	4.9	46
3B	PINK	4.9	27
4	BLUE	6.2	98
5	ORANGE	8.7	90
6	RED	10.6	90
7	PINK	13.3	86
8	BLUE	15.4	91
9	ORANGE	18.3	70
			705

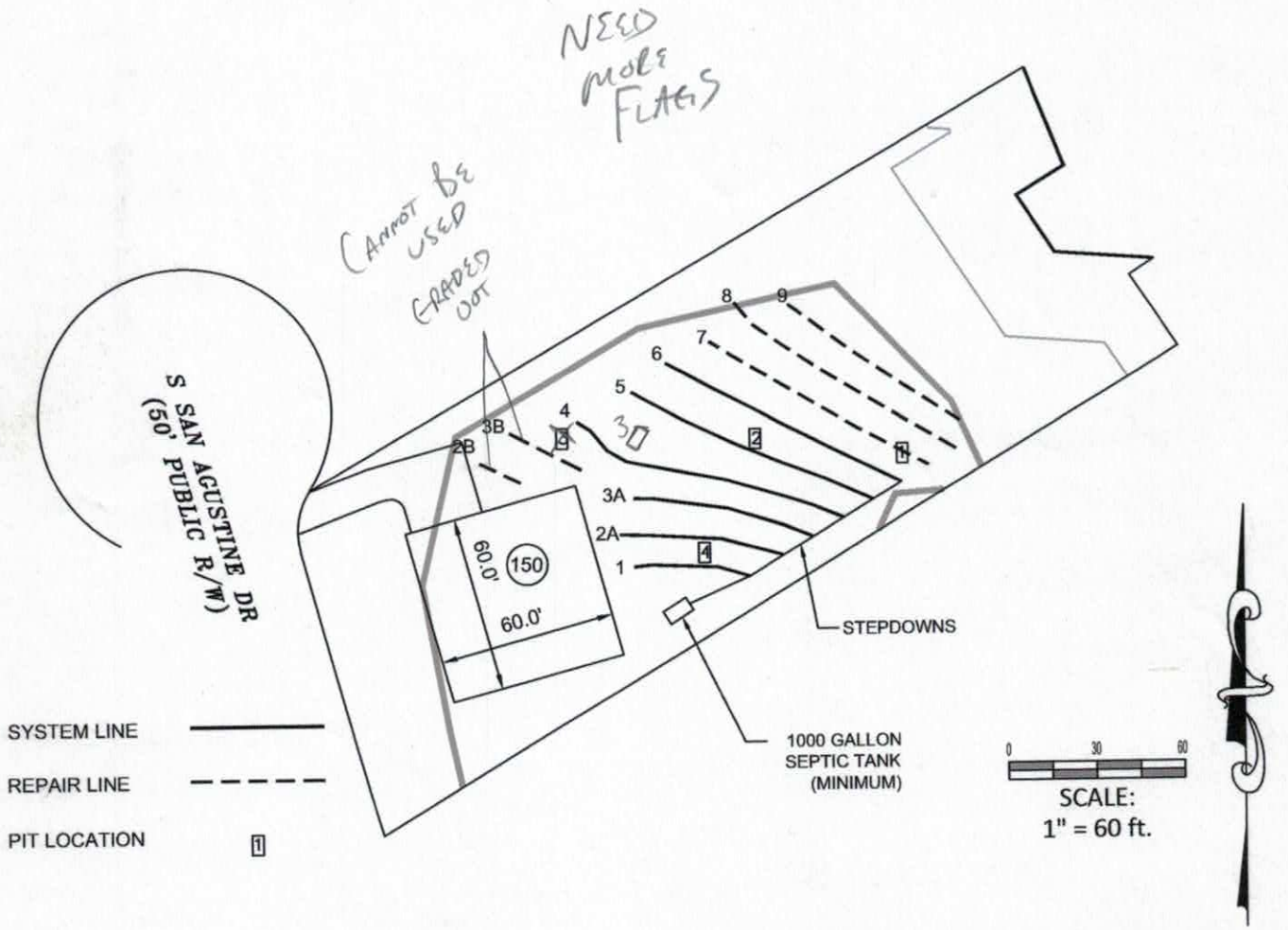
LOT 150 BELLS CROSSING SUBDIVISION

4-BEDROOM ACCEPTED GRAVITY SYSTEM
LINES 1 2A 3A 4-6 TOTAL 418 LINEAR FEET(USE 400')
EZFLOW OR CHAMBER
24" TRENCH DEPTH
LTAR 0.3
25% REDUCTION

4-BEDROOM LPP FED PANEL BLOCK REPAIR
LINES 2B 3B 7-9 TOTAL 287 LINEAR FEET
LTAR 0.3
50% REDUCTION

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

SOIL ANALYSIS AND APPLICATION RATES PROVIDED BY
CENTRAL CAROLINA SOIL CONSULTING



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NCBELS Firm No. C-2378

MeritageHomes

LOT 150
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE: 2/23/16 DRAWN BY: MDB CHECKED BY: TMB

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

Sheet: 1 OF 2
PIN #: 4639-73-2714
Lot #: 150
Permit #: 216987
AppID:

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: MERITAGE
Address: 2524 RELIANCE AVE. APEX, NC 27539
Proposed Facility: SFR Design Flow (.1949) 480
Location of Site: BELLS CROSSING 150
Water Supply: [X] Public [ ] Individual [X] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [X] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

Applicant: BCSC
Date Evaluated: 5/27/2016
Property Size: .76 AC
Property Recorded: YES

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
PIT 3	LINEAR 20%	0-10	SCL,W,SBK	SS	NA	60"	MANY SAP @ 43"+	60"+	.3
		10-43	C,M,ABK	SS					
		43-60	CL,M,SBK	SS					
PIT 4	LINEAR 20%	0-37	RC,M,ABK	SS	NA	62"	MANY SAP @ 37"+	62"	.3
		37-62	RCL,W,SBK	SS					
PIT 2	LINEAR 20%	0-8	SL	NS	NA	54"	S	62"+	.3
		8-33	C,M,ABK	SS					
		33-54	CL,W,SBK	SS					
		54-62	SSAP	NS					
PIT 1	LINEAR 20%	0-8	SL,GR	NS	NA	52"	NA	52"+	.3
		8-35	RC,M,SBK	SS					
		35-52	CL,W,SBK	SS					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	G-25% RED	PANEL BLOCK
Site LTAR	.3	.3

Other Factors (.1946):
Soil Evaluation By: BEN ALDRIDGE
Others Present: MICHAEL BENFIELD
Site Classification (.1948): PS
Site Evaluation By: BEN ALDRIDGE
Others Present: MICHAEL BENFIELD

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

Sheet:
File #:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM
CONTINUED

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941		OTHER PROFILE FACTORS				Profile Class & LTAR
			.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	
PIT 5	LINEAR 20%	0-16	RC,M,SBK	SS	NA	30"	S	57"	.35
		16-30	CL,W,SBK	SS					
		30-57	LSAP	SS					

RECEIVED OCT 2 4 2016

IREDELL COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH DIVISION
Application for IMPROVEMENT PERMIT, AUTHORIZATION TO CONSTRUCT, or EXISTING SYSTEM INSPECTION

(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)

1. APPLICATION FOR: ☐ Improvement Permit ☑ Authorization To Construct ☐ BOTH ☐ Existing System Inspection

2. 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 check ( ) beside whichever is submitted if applicable ☑ Custom Site Plan, Scaled no more than 1 Inch = 60 Feet

3. Applicant Information:

Applicant Name	Mailing Address	Home Phone #	Alternate Phone #
Meritage Homes of the Carolinas, Inc	11605 North Community House Road Suite 250 Charlotte, NC 28277	704.944.8918	

Owner Name	Mailing Address	Home Phone #	Alternate Phone #
Meritage Homes of the Carolinas, Inc	same		

4. Property Information:

Street Address	Subdivision Name	Section/Phase and Lot Number
348 S. San Agustin Dr.	Bells Crossing	150

Driving Directions: 150 W - Right on Perth Road - Left into Bells Crossing

5. RESIDENTIAL Site Development Information: *(Check or Complete ALL that apply)*

- ☑ New, Single Family Residence
- ( ) New, Multi-Family Residence
- ☐ Expansion of Existing Septic System
- ( ) Repair To Failing Septic System
- ( ) Other

Maximum Number of Bedrooms 4
Maximum Number of Occupants 8
If Expansion, Current Number of Bedrooms ___

- ☐ Crawl Space Foundation?
- ☑ Concrete Slab Foundation?
- ☐ Basement w/Plumbing?
- ☐ Basement w/out Plumbing?

IF Non- Residential Site Development: Type of Business ___
Square Footage of Building ___
Maximum Number of Employees ___
Maximum Number of Seats ___

6. Proposed Water Supply:

( ) New Well ( ) Existing Well ☑ Community Well ( ) City Water ( ) Other Public Water

7. Desired Septic System Type: *(You may rank in order of preference, if any)*

☐) Alternative ☑) Conventional ☐) Innovative ( ) Modified Conventional ( ) Other_Excepted__ ( ) No Preference

8. 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. industry) 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.

9. Signature: [signature] Robert Ruthenberg — 10/17/16
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) — DATE

R 3/9

RECEIVED MAR 1 - 2016

DRAW
NEW PLAN

IREDELL COUNTY HEALTH DEPARTMENT *ENVIRONMENTAL HEALTH DIVISION*

(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)

Paid $ 500.00

1. APPLICATION FOR: ✓ Improvement Permit ___ Authorization To Construct ___ Existing System Inspection

#216987

2. 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 check ( ) beside whichever is submitted if applicable ✓ Custom Site Plan, Scaled no more than 1 Inch = 60 Feet

3. Applicant Information:

BCSC	2524 Reliance Ave Apex NC 27539		7046588616
Applicant Name	Mailing Address	Home Phone #	Alternate Phone #
Meritage Homes	11605 N Community House Rd #250 Charlotte NC 28277		
Owner Name	Mailing Address	Home Phone #	Alternate Phone #

4. Property Information:

348 S San Agustine	Bells Crossing	4 Lot 150
Street Address	Subdivision Name	Section/Phase and Lot Number

Driving Directions: 150 W, R on Perth, L into Bells Crossing, L onto S San Agustine, Pass PH 3 (Abbeville CT) 24th Lot on the Right

5. RESIDENTIAL Site Development Information: *(Check or Complete ALL that apply)*

(✓) New, Single Family Residence
( ) New, Multi-Family Residence
( ) Expansion of Existing Septic System
(X) Repair To Failing Septic System due to _____
( ) Other _____

Maximum Number of Bedrooms 4
Maximum Number of Occupants 8
If Expansion, Current Number of Bedrooms ___

( ) Crawl Space Foundation?
(✓) Concrete Slab Foundation?
( ) Basement w/Plumbing?
( ) Basement w/out Plumbing?

IF Non- Residential Site Development: Type of Business
Square Footage of Building
Maximum Number of Employees
Maximum Number of Seats

Please CALL prior to inspection
Name: Mike
Number: 704-658-8616

6. Proposed Water Supply:

( ) New Well ( ) Existing Well (✓) Community Well ( ) City Water ( ) Other Public Water

7. Desired Septic System Type: *(You may rank in order of preference, if any)* ( ) EXISTING SYSTEM installed _____ Year

( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional (✓) Other _____

8. 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. industry) 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.

9. Signature: _____ 3-8-16
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) DATE

AUTHORIZATION TO ACT AS AGENT FOR OWNER

Any application/document/permit requiring a signature must be signed by the property owner or their authorized agent. This form shall be provided by the owner to allow specified individuals to act as agents for the owner. This form allows the specified individuals to sign or receive any application/document/permit on behalf of the owner. This form allows the authorized agent to make decisions on behalf of the owner pertaining to modifications of permits in the field. It is the responsibility of the owner to assure that any/all permit conditions specified on permits issued by this Division are followed.

I, Robert Price (Meritage Homes), am the legal owner of the property located at Bells Crossing, identified as PIN(Parcel Identification Number) Lot 150, located in Iredell County, North Carolina.

I do hereby authorize (print authorized agent/company name) Bateman Civil Survey Company, Michael Benfield, Matt Burdette, _____, _____, to act as an agent on my behalf in applying for/signing/obtaining any of the documents described below.

1. Improvement Permit (IP)/ Authorization to Construct (AC).
2. Application for soil-site evaluation (new/repair).
3. Application/permit for water well/well abandonment.
4. Application for existing system.
5. Application for Improvement Permit (IP)/ Authorization to Construct (AC).

I agree to abide by any and all decisions and/or conditions between the agent acting on my behalf and the Iredell County Department of Public Health, Environmental Health Division. This form must be fully executed before the individual's specified above will be recognized as the authorized agent.

Signature of Owner — Date: 3/10/15

Signature of Witness — Date: 3/10/15

IREDELL COUNTY HEATLH 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... *SHOW: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site*
- X — Front and side setbacks from property line...
- X — Preferred driveway location and configuration, preferred 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:

- X — Location of septic systems and wells within 100' of your property... N/A
- X — Location of easements and rights of ways on your property... N/A
- X — Location of any designated wetlands on the property... N/A

Signature: Robert Price Brown — 10/17/16
REQUIRED property owner or owner's legal representative signature. — DATE

USE THIS SPACE TO DRAW YOUR SITE PLAN

Please See Attached Plot Plan and IP Documents Attached

- Bedrooms OK (#)
- Dimensions OK

*Patio Porch encroaches on Line 3

11/3/16 - Per Robert Price Brown, house to be pushed up. ≈ 7'.

IREDELL COUNTY HEALTH DEPARTMENT

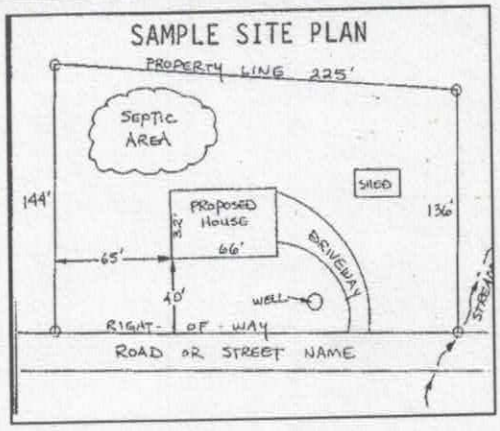
ENVIRONMENTAL HEALTH DIVISION

PAGE 2: *SITE PLAN WORKSHEET*

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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

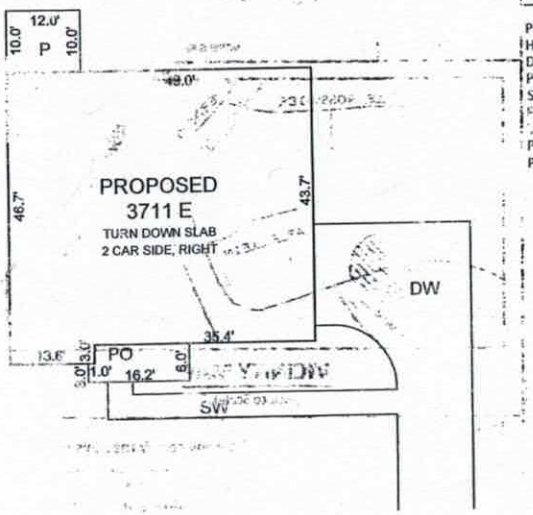
USE THIS SPACE TO DRAW YOUR SITE PLAN

Show: proposed house or business footprint, wells, water lines, patios, pools and decks, and any other item that will occupy space on the site

See Attached

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

3-8-16
DATE



INSET SCALE: 1"=20'

LOT INFORMATION:

PIN: 4639732714.000
HOUSE = 2,181 SF
DRIVEWAY = 1,082 SF
PORCH = 94 SF
SIDEWALK = 196 SF
PATIO = 120 SF
TOTAL LOT AREA = 0.76 AC = 33,180 SF
PROPOSED IMPERVIOUS = 3,672 SF
PERCENT IMPERVIOUS = 11.1 %

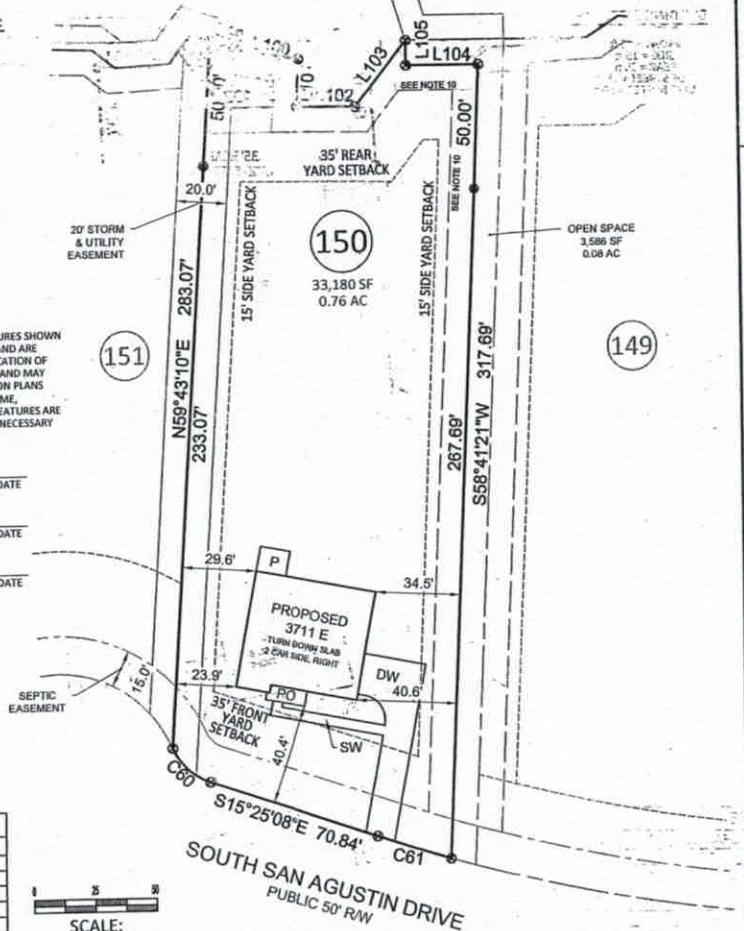
Acknowledgement of Plans Submittal ONLY!

Date 11-15-16

Date 11/14/16

BUILDING SETBACKS:

FRONT = 35 ft
SIDE = 15 ft
REAR = 35 ft
SIDE STREET = 25 ft
LAKE BUFFER = 50ft



SCALE:
1" = 50 ft.

REVISIONS: MOVE HOUSE 8.5' FORWARD PER EMAIL REQUEST 11-2-16 NMW

NOTES:

1. THIS SURVEY WAS PREPARED BY BATEMAN CIVIL SURVEY CO., UNDER THE SUPERVISION OF STEVEN P. CARSON, PLS.
2. THIS PLAN HAS BEEN PREPARED FOR LAYOUT AND PERMITTING PURPOSES ONLY.
3. THIS IS NOT A BOUNDARY SURVEY. PROPERTY LINES SHOWN WERE TAKEN FROM EXISTING FIELD EVIDENCE, EXISTING DEEDS AND PLATS OF PUBLIC RECORD, AND INFORMATION SUPPLIED TO THE SURVEYOR BY THE CLIENT
4. VERTICAL DATUM IS ASSUMED. THE LATITUDE, LONGITUDE AND STATE PLANE COORDINATES, IF SHOWN, ARE GIVEN IN NORTH AMERICAN DATUM OF 1983 (NAD83).
5. FIELD EQUIPMENT USED: NIKON TOTAL STATION, EPOCH 35.
6. ALL DISTANCES ARE HORIZONTAL GROUND DISTANCES AND ALL BEARINGS ARE NORTH CAROLINA STATE PLANE COORDINATE SYSTEM UNLESS OTHERWISE SHOWN.
7. THIS MAP IS NOT A CERTIFIED SURVEY AND HAS NOT BEEN REVIEWED BY A LOCAL GOVERNMENT AGENCY FOR COMPLIANCE WITH ANY APPLICABLE LAND DEVELOPMENT REGULATIONS.
8. THE PROPERTY LIES IN ZONES "X" PER NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP NUMBER 3710463900J & 3710464900J, DATED MARCH 18, 2008.
9. ZONING IS RA.
10. ALL LOT LINES HAVE A 10' DRAINAGE AND UTILITY EASEMENT ALONG ALL LOT LINES UNLESS SHOWN OTHERWISE.
11. PROPERTY OWNER: MERITAGE HOMES OF THE CAROLINAS INC.
    11605 NORTH COMMUNITY HOUSE ROAD
    CALHOUN BUILDING, STE. 250
    CHARLOTTE, NC 28277

NOTE:

ALL DIMENSIONS, LOCATIONS AND FEATURES SHOWN ON THIS PLOT PLAN ARE APPROXIMATE AND ARE ONLY AN ARTISTS RENDITION, EXACT LOCATION OF ALL FEATURES ARE SUBJECT TO CHANGE AND MAY NOT BE INSTALLED EXACTLY AS SHOWN ON PLANS AND/OR IN MODELS, PLACEMENT OF HOME, DRIVEWAY, SIDEWALKS AND EXTERIOR FEATURES ARE SUBJECT TO MODIFICATION AS DEEMED NECESSARY BY FIELD PERSONNEL.

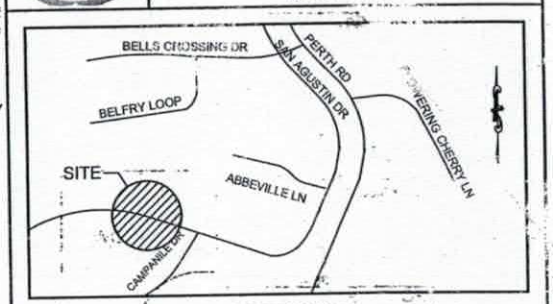
CUSTOMER DATE

CUSTOMER DATE

MERITAGE REPRESENTATIVE DATE

CURVE TABLE				
CURVE	LENGTH	RADIUS	CHORD BEARING	CHORD
C60	21.01'	25.00'	S08°39'27"W	20.40'
C61	31.09'	675.00'	S16°44'19"E	31.09'

LINE TABLE		
LINE	BEARING	LENGTH
L99	S14°59'48"E	10.33'
L100	S24°25'41"E	26.29'
L101	S59°02'04"W	19.11'
L102	S33°14'26"E	23.55'
L103	S85°40'17"W	33.57'
L104	S34°01'47"E	29.33'
L105	S55°58'13"W	9.97'



VICINITY MAP
(Not to Scale)

LEGEND

PO = PORCH
CP = COVERED PORCH
P = CONCRETE PATIO
WD = WOOD DECK
SW = SIDEWALK
DW = CONC DRIVEWAY
⊗ = COMPUTED POINT
○ = IRON PIPE FOUND
● = IRON PIPE SET
● = DRILL HOLE FOUND
WM = WATER METER
CO = CLEAN OUT
AC = AIR CONDITIONER
S = SEWER MANHOLE
E = ELECTRIC BOX
= CABLE BOX
T = TELEPHONE PEDESTAL
= CURB INLET
SP = SCREENED PORCH
= LIGHT POLE

I hereby certify that this map is correct and that the building lies wholly on the lot and that there are no visible encroachments on said lot.

PRELIMINARY

Steven P. Carson, PLS 4752
Date

This map is of an existing parcel of land and is only intended for the parties and purposes shown. This map not for recordation. No title report provided.

APPROVAL FOR STAKING:

THIS PLOT PLAN AS PREPARED BY BATEMAN CIVIL SURVEY CO., IS CORRECT AND IS HEREBY APPROVED FOR STAKING ON THE DATE AS SHOWN BELOW.

MERITAGE HOMES REPRESENTATIVE DATE

PRELIMINARY PLOT PLAN

FOR

MeritageHomes

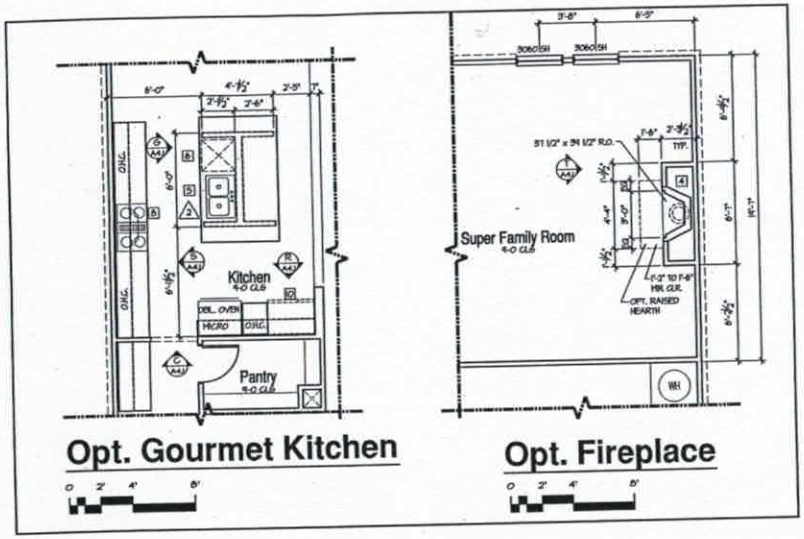
BELLS CROSSING - PHASE FOUR - LOT 150
348 SOUTH SAN AGUSTIN DRIVE, MOORESVILLE, NC
DAVIDSON TOWNSHIP, IREDELL COUNTY

DATE: 10/18/16 DRAWN BY: DMH CHECKED BY: SPC

REF: PB 63, PGS. 146-151 BCS# 120314 SCALE: 1" = 50'

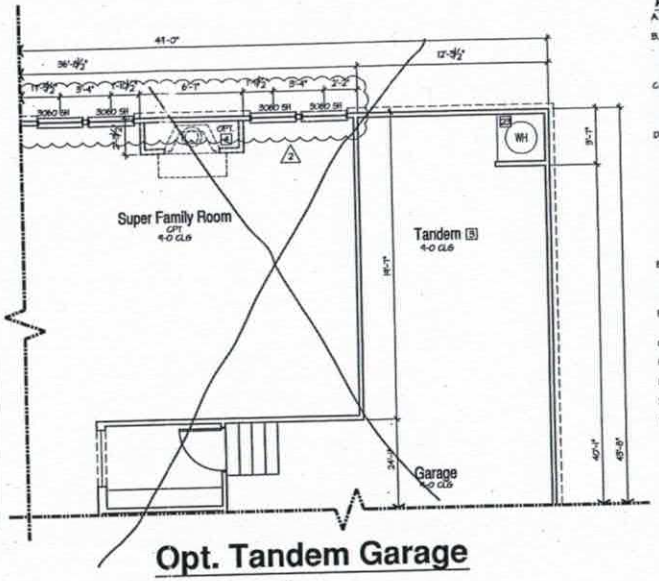
Bateman Civil Survey Company
Engineers • Surveyors • Planners
2524 Reliance Avenue, Apex, NC 27539 Ph: 919.577.1080 Fax: 919.577.1081
www.batemancivilsurvey.com info@batemancivilsurvey.com
NCBELS Firm C-3509

V:\120314 Bells Phase 4\dwg\120314 Bells Plot MLS.dwg, 11/2/2016 9:41:55 AM, nwilker

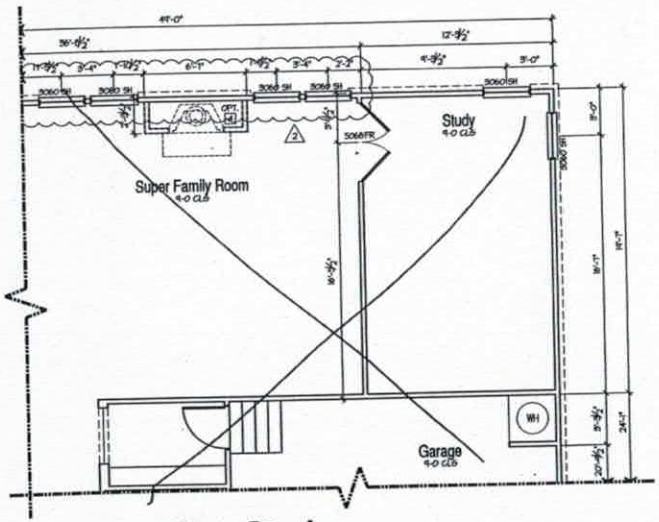


Opt. Gourmet Kitchen

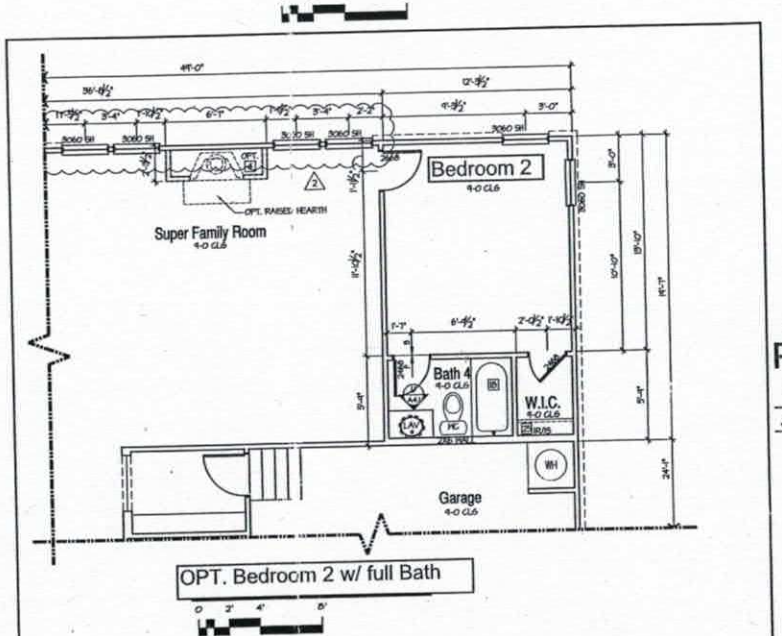
Opt. Fireplace



Opt. Tandem Garage



Opt. Study



OPT. Bedroom 2 w/ full Bath

TYPICAL CONSTRUCTION ASSEMBLIES:

A. TYPICAL ROOF CONSTRUCTION:
ASPHALT ROOF SHINGLES

B. TYPICAL FRAME FLOOR CONSTRUCTION:
FINISH FLOORING ON 3/4" TONGUE & GROOVE FLOOR SHEATHING ON FLOOR TRUSSES OR FLOOR JOISTS AS NOTED ON STRUCTURAL DRAWINGS.

C. SLAB OR GRADE FLOOR CONSTRUCTION:
4" CONCRETE SLAB, EXCEPT AS SPECIFIED BY SOIL REPORT, AND STRUCTURAL ENGINEER. INCLUDE VAPOR BARRIER PER SECTION IV, C, 3, a.

D. WINDOWS:
A. ALL WINDOWS SHALL COMPLY WITH MINIMUM STANDARDS OUTLINED IN APPLICABLE RES. CHECKS.
B. WINDOW SUPPLIER TO VERIFY AT LEAST ONE WINDOW IN ALL BEDROOMS TO HAVE A CLEAR EGRESS OPENING OF 5.7 SQ. FT. WITH MIN. DIMENSION OF 24" IN HEIGHT AND 20" IN WIDTH. SILL HEIGHT NOT GREATER THAN 44" ABOVE FLOOR.
C. TYPICAL WINDOW HEAD HEIGHT:
7'-0" A.F.F. @ 8'-1 1/8" PLATE HEIGHT (U.N.O.)
8'-0" A.F.F. @ 9'-1 1/8" PLATE HEIGHT (U.N.O.)

E. ELECTRICAL:
ALL ELECTRICAL AND MECHANICAL EQUIPMENT & METERS ARE SUBJECT TO RELOCATION DUE TO FIELD CONDITIONS. CONTRACTOR TO VERIFY.

F. VENTING:
PROVIDE BACK DRAFT DAMPERS @ DRYER VENT, HOOD VENT, & EXHAUST FANS.

G. SIGNE SIGNS:
INSTALL PER LOCAL CODE.

H. DIMENSIONS ARE TO THE FACE OF STUD, U.N.O.

I. ALL EXTERIOR DIMENSIONS ARE TO FACE OF STUDS UNLESS OTHERWISE NOTED.

J. ALL ANGLED PARTITIONS ARE 45 DEGREES UNLESS OTHERWISE NOTED.

K. BRICK SIGNS:
INSTALL PER LOCAL CODE.

FLOOR PLAN NOTES:

MAIN FLOOR

THE FOLLOWING KEYNOTES REFERENCE THE SYMBOLS AS SHOWN ON PLANS:

L. IF RAILING / GUARDRAIL IS PROVIDED, ALL RAILING / GUARDRAIL BALUSTERS TO BE SPACED SUCH THAT A 4" SPHERE CANNOT PASS BETWEEN BALUSTERS. RAILING/GUARDRAILS ARE TO BE AT A 34" MINIMUM TO 36" MAXIMUM HEIGHT A.F.F. FOR STAIRS AND 36" MINIMUM ON HORIZONTAL SURFACE GUARDS.

1. LINE OF OVERHEAD GARAGE DOOR IN OPEN POSITION.
2. SLOPE GARAGE FLOOR 1/8" PER FOOT TOWARD OVERHEAD GARAGE DOOR OPENING.
3. FIREPLACE, AS SPECIFIED BY BUILDER. INSTALL PER MANUFACTURERS SPECIFICATIONS. ALL FACTORY BUILT FIREPLACES SHALL COMPLY WITH LOCAL CODES
4. SINK W/ GARBAGE DISPOSAL
5. DISHWASHER
6. RANGE
7. COOK TOP
8. OVEN
9. REFRIGERATOR SPACE.
10. PANTRY
11. PEDESTAL SINK
12. SHOWER (SIZE AS NOTED)
13. N/A
14. 42" X 60" TUB
15. 60" X 60" CORNER TUB
16. N/A
17. 32" X 60" TUB/SHOWER
18. LINEN SHELVING PER BUILDER SPECS.)
19. WASHER SPACE
20. DRYER, VENT
21. OPTIONAL LAUNDRY SINK.
22. PROVIDE NON-COMBUSTIBLE PLATFORM ELEVATED 18" ABOVE GARAGE FLOOR FOR WATER HEATER.
23. 5 SHELVES
24. ROD AND SHELF PER BUILDER SPECS.
25. ATTIC ACCESS (22"x30" U.N.O.)
26. ATTIC ACCESS W/ STAIRS (25 1/2"x54 1/2").
27. GYPSUM BOARD OPENING @ 8'-0" AT MAIN FLOOR & 7'-0" AT UPPER FLOOR U.N.O.
28. GYPSUM BOARD ARCH @ 7'-2" TO 8'-0".
29. GYPSUM BOARD LOW WALL, 36" A.F.F. (U.N.O.) W/ HDF CAP.
30. SOFFIT, REFER TO EXTERIOR ELEVATIONS FOR HEIGHTS & ARCHITECTURAL DETAILS FOR FINISH.
31. PLANT SHELF, SEE EXTERIOR ELEVATIONS.
32. HALF WALL W/ WOOD CAP OR OPTIONAL LOW WALL WITH RAILING ABOVE.
33. PORCH RAIL, SEE ELEVATION.
34. 36"x36" CONCRETE STOOP.
35. 6x8 BEAM.
36. OPTIONAL UPPER CABINETS.
37. OPTIONAL CABINETS.
38. OPTIONAL COFFERED CEILING @ 8'-6" PER BUILDER SPEC.
39. LINE OF FRAMING ABOVE.
40. LINE OF FRAMING WALL BELOW.
41. 2X4 LOW WALL 42" A.F.F.
42. 2X6 LOW WALL 42" A.F.F.
43. ART NICHE
44. HORIZONTAL LAUNDRY CHUTE
45. LOW WALL +24" A.F.F.
46. GYPSUM BOARD ARCH @ 6'-0" TO 8'-6"
47. LOW WALL 53" A.F.F.
48. LOW WALL 53" A.F.F.

REFER TO MAIN PLANS FOR ALL TYPICAL NOTES AND DIMENSIONS NOT SHOWN

Acknowledgement of Plans Submittal ONLY!

Date 11/2/16

Date 11-15-16

ISSUE DATE: 01/17/2014

REVISIONS

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

Meritage Homes

Meritage Homes

BSB DESIGN

www.bsbdesign.com

4601 Westown Parkway, Suite 208
West Des Moines, Iowa 50266
515.223.3028

JOB NO: 150109 PROJ MGR: JF
DRAWN: BT CHECKED: JF

MAIN FLOOR OPTIONS

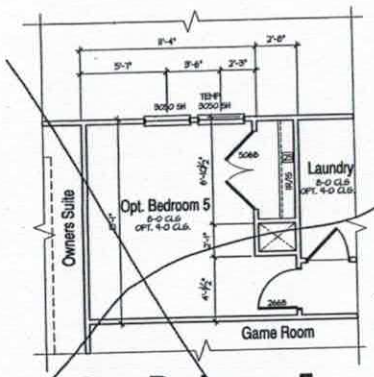
PLAN 249 - 3711

A2.3

Acknowledgement of Plans Submittal ONLY!

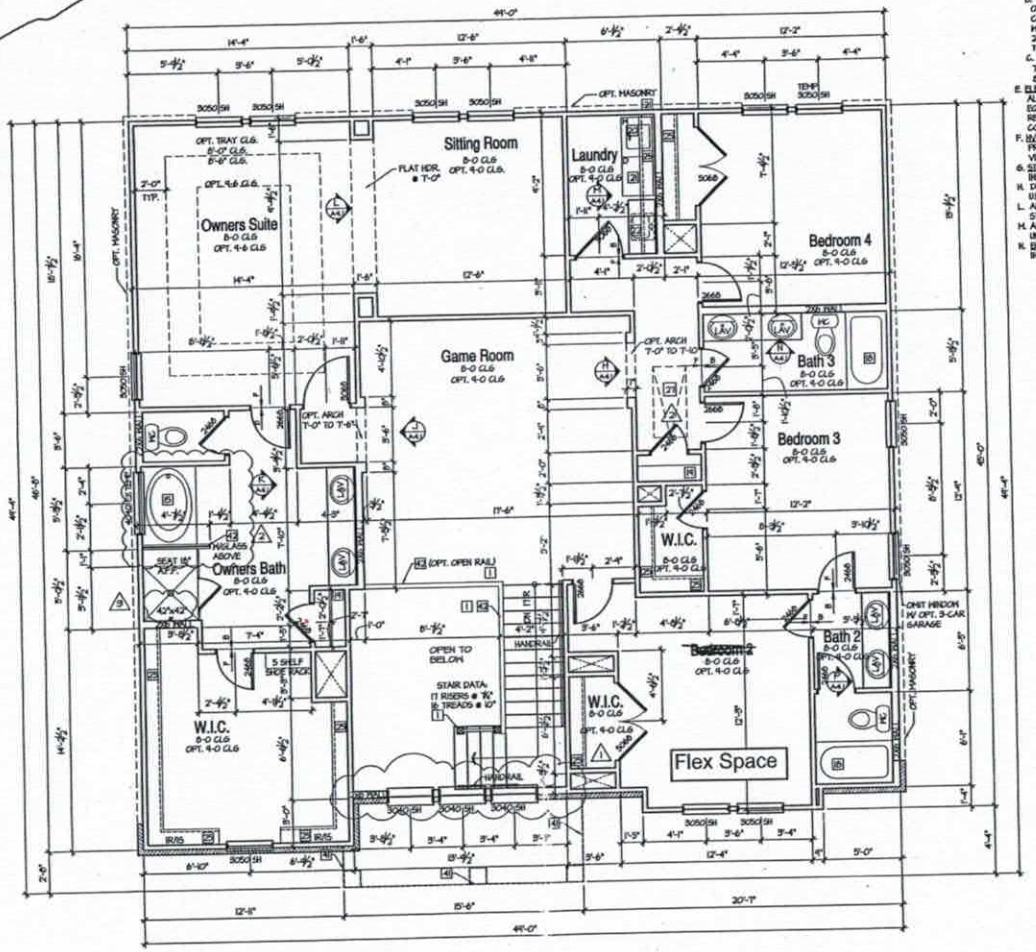
Tom Shuck Date 11/2/16

Date 11-15-16



Opt. Bedroom 5

0 2' 4' 8'



Upper Floor Plan - E

0 2' 4' 8'

ASSEMBLIES:

A. TYPICAL ROOF CONSTRUCTION:
ASPHALT ROOF SHINGLES

B. TYPICAL FRAME FLOOR CONSTRUCTION:
FINISH FLOORING ON 3/4" TONGUE & GROOVE FLOOR SHEATHING ON FLOOR TRUSSES OR FLOOR JOISTS AS NOTED ON STRUCTURAL DRAWINGS.

C. SLAB ON GRADE FLOOR CONSTRUCTION:
4" CONCRETE SLAB, EXCEPT AS SPECIFIED BY SOIL REPORT, AND STRUCTURAL ENGINEER. INCLUDE VAPOR BARRIER PER SECTION IV, C, 3, a.

D. WINDOWS:
A. ALL WINDOWS SHALL COMPLY WITH MINIMUM STANDARDS OUTLINED IN APPLICABLE RES. CODES.
B. WINDOW SUPPLIER TO VERIFY AT LEAST ONE WINDOW IN ALL BEDROOMS TO HAVE A CLEAR EGRESS OPENING OF 5.3 SQ. FT. WITH MIN. DIMENSION OF 24" IN HEIGHT AND 20" IN WIDTH, SILL HEIGHT NOT GREATER THAN 44" ABOVE FLOOR.
C. TYPICAL WINDOW HEAD HEIGHT:
7'-0" A.F.F. @ 8'-1 1/8" PLATE HEIGHT (U.N.O.)
8'-0" A.F.F. @ 9'-1 1/8" PLATE HEIGHT (U.N.O.)

E. ELECTRICAL:
ALL ELECTRICAL AND MECHANICAL EQUIPMENT & METERS ARE SUBJECT TO RELOCATION DUE TO FIELD CONDITIONS; CONTRACTOR TO VERIFY.

F. HVAC:
PROVIDE BACK DRAFT DAMPERS @ DRYER VENT, HOOD VENT, & EXHAUST FANS.

G. SMOKE SIGNAL:
INSTALL PER LOCAL CODE.

H. DIMENSIONS ARE TO THE FACE OF STUD, U.N.O.

I. ALL EXTERIOR DIMENSIONS ARE TO FACE OF STUDS UNLESS OTHERWISE NOTED.

J. ALL ANGLED PARTITIONS ARE 45 DEGREES UNLESS OTHERWISE NOTED.

K. BRICK SIDING:
INSTALL PER LOCAL CODE.

NOTE FLOOR

1 THE FOLLOWING KEYNOTES REFERENCE THE SYMBOLS AS SHOWN ON PLANS.

1. IF RAILING / GUARDRAIL IS PROVIDED, ALL RAILING / GUARDRAIL BALUSTERS TO BE SPACED SUCH THAT A 4" SPHERE CANNOT PASS BETWEEN BALUSTERS. RAILINGS/HANDRAILS ARE TO BE AT A 34" MINIMUM TO 38" MAXIMUM HEIGHT A.F.F. FOR STAIRS AND 36" MINIMUM ON HORIZONTAL SURFACE GUARDS.
2. LINE OF OVERHEAD GARAGE DOOR IN OPEN POSITION.
3. SLOPE GARAGE FLOOR 1/8" PER FOOT TOWARD OVERHEAD GARAGE DOOR OPENING.
4. FIREPLACE, AS SPECIFIED BY BUILDER. INSTALL PER MANUFACTURERS SPECIFICATIONS. ALL FACTORY BUILT FIREPLACES SHALL COMPLY WITH LOCAL CODES.
5. SINK W/ GARBAGE DISPOSAL
6. DISHWASHER
7. RANGE
8. COOK TOP
9. OVEN
10. REFRIGERATOR SPACE.
11. PANTRY
12. PEDESTAL SINK
13. SHOWER (SIZE AS NOTED)
14. N/A
15. 42" X 60" TUB
16. 60" X 60" CORNER TUB
17. N/A
18. 32" X 60" TUB/SHOWER
19. LINEN (SHELVING PER BUILDER SPECS.)
20. WASHER SPACE
21. DRYER, VENT
22. OPTIONAL LAUNDRY SINK.
23. PROVIDE NON-COMBUSTIBLE PLATFORM ELEVATED 18" ABOVE GARAGE FLOOR FOR WATER HEATER.
24. 5 SHELVES
25. ROD AND SHELF PER BUILDER SPECS.
26. ATTIC ACCESS (22"x30" U.N.O.).
27. ATTIC ACCESS W/ STAIRS (25 1/2"x54 1/2").
28. GYPSUM BOARD OPENING @ 8'-0" AT MAIN FLOOR & 7'-0" AT UPPER FLOOR U.N.O.
29. GYPSUM BOARD ARCH @ 7'-2" TO 8'-0".
30. GYPSUM BOARD LOW HALL, 36" A.F.F. (U.N.O.) W/ HDF CAP.
31. SOFFIT, REFER TO EXTERIOR ELEVATIONS FOR HEIGHTS & ARCHITECTURAL DETAILS FOR FINISH.
32. PLANT SHELF, SEE EXTERIOR ELEVATIONS.
33. HALF WALL W/ HOOD CAP OR OPTIONAL LOW WALL WITH RAILING ABOVE.
34. PORCH RAIL, SEE ELEVATION.
35. 36"x36" CONCRETE STOOP.
36. 6x8 BEAM.
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38. OPTIONAL CABINETS.
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43. 2x8 LOW WALL 42" A.F.F.
44. ART NICHE
45. HORIZONTAL LAUNDRY CHUTE
46. LOW WALL 42" A.F.F.
47. GYPSUM BOARD ARCH @ 8'-0" TO 8'-6"
48. LOW WALL 32½" A.F.F.

SQUARE FOOTAGES	
	E
MAIN FLOOR	1665
UPPER FLOOR	208
SUBTOTAL	2673
GARAGE	505
PORCH	91
DECK	120
TOTAL	4389
OPT 3-CAR GARAGE	426
OPT EXTENDED DECK	420
OPT SCREENED PORCH	420

ISSUE DATE: 01/17/2014
REVISIONS

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

Meritage Homes

Meritage Homes

BSB DESIGN
www.bsbdesign.com
4201 Westown Parkway, Suite 20
West Des Moines, Iowa 50266
515 273 3029

JOB NO: 151108A PROJ MGR: JF
DRAWN: BT CHECKED: JF

UPPER FLOOR PLAN - E

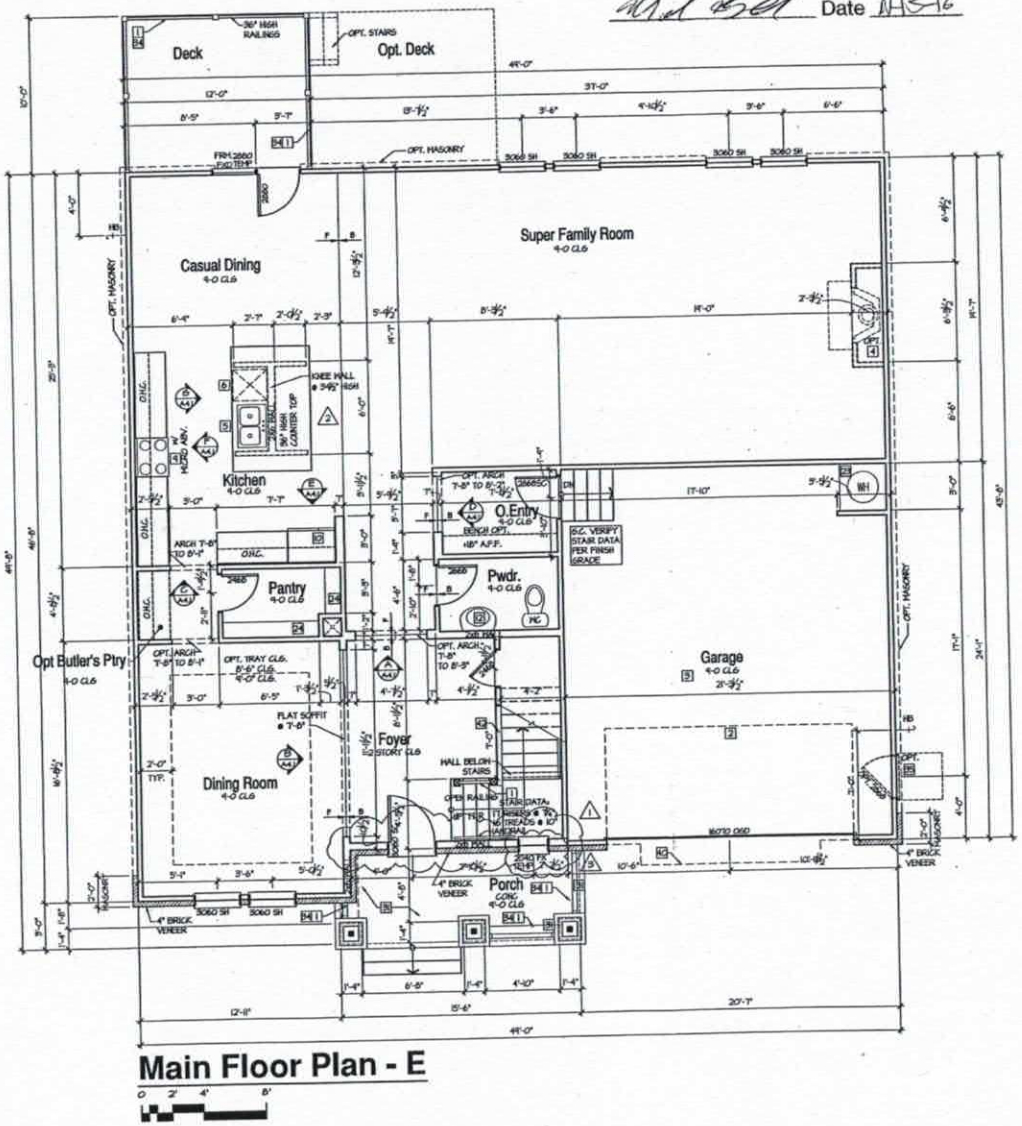
PLAN 249 - 3711

A2.2E

Acknowledgement of
Plans Submittal ONLY!

Tom Rhuck Date 11/3/16

Mel Bell Date 11-3-16



Main Floor Plan - E

0 2' 4' 8'

ASSEMBLIES:

A. TYPICAL ROOF CONSTRUCTION.
ASPHALT ROOF SHINGLES

B. TYPICAL FRAME FLOOR CONSTRUCTION.
FINISH FLOORING ON 3/4" TONGUE & GROOVE FLOOR SHEATHING ON FLOOR TRUSSES OR FLOOR JOISTS AS NOTED ON STRUCTURAL DRAWINGS.

C. SLAB ON GRADE FLOOR CONSTRUCTION.
4" CONCRETE SLAB, EXCEPT AS SPECIFIED BY SOIL REPORT, AND STRUCTURAL ENGINEER. INCLUDE VAPOR BARRIER PER SECTION IV, C, 3, a.

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F. HVAC.
PROVIDE BACK DRAFT DAMPERS @ DRYER VENT, HOOD VENT, & EXHAUST FANS.

G. STONE SIDING.
INSTALL PER LOCAL CODE.

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44. ART NICHE
45. HORIZONTAL LAUNDRY CHUTE
46. LOW WALL 24" A.F.F.
47. GYPSUM BOARD ARCH @ 8'-0" TO 8'-6"
48. LOW WALL 32@ A.F.F.

SQUARE FOOTAGES	E
MAIN FLOOR	1665
UPPER FLOOR	2046
SUBTOTAL	3711
GARAGE	565
PORCH	40
DECK	120
TOTAL	4386
OPT 3-CAR GARAGE	528
OPT EXTENDED DECK	420
OPT SCREENED PORCH	420

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4901 Westown Parkway, Suite 200
West Des Moines, Iowa 50266
515.273.3020

JOB NO: 02128A PROJ MGR: JF
DRAWN: BT CHECKED: JF

MAIN FLOOR PLAN - E

PLAN 249 - 3711

A2.1E

Lot 150

IREDELL COUNTY

PO Box 788
349 North Center St.
Statesville, NC 28677

APPLICATION NUMBER
216987
Issue Date: 03/01/2016

ZONING PERMIT

Parcel Number	Street Address	Jurisdiction
4639732714.000	348 S SAN AGUSTIN DRIVE, MOORESVILLE, NC	IREDELL COUNTY

Owner Information	Applicant Information
Owner: MERITAGE HOMES	Applicant: MERITAGE HOMES
Address: 11605 N COMMUNITY HOUSE RD. #250 CHARLOTTE, NC 28277	Address: 11605 N COMMUNITY HOUSE RD. #250 CHARLOTTE, NC 28277
Phone: 704-944-8933	Phone: 704-944-8933

Use Requested	Zone Code
SFD	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
.760	35.00	35.00	15.00	15.00	CACL	X

Remarks:

PAID
✓70509994 $77.25
✓70509996 500.00
3316

The applicant certifies that there are no deed restrictions, contractual agreements or governmental regulations of any kind that interfere with or prohibit the use of the property or the use for which this permit is requested. The applicant further acknowledges that enforcement of deed restrictions, plat conditions and other contractual agreements will not be undertaken by Iredell County and is the sole responsibility of the affected parties.

Applicant: _____ Date: _____

Permit Number	61609	TOTAL FEES:	$ 77.25