IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 212204

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

PIN # 4639-82-1835

APPLICANT: BCSC APPLICANT ADDRESS: 2524 Reliance Ave. Apex, NC 27539

SITE ADDRESS: 156 Campanile Dr. Mooresville, NC 28117 PHONE: 704-658-8616 ALT. PHONE:

SITE DIRECTIONS: Rt 150 W towards Lake Norman → RIGHT on Perth Rd → L on Bells Crossing Dr → Lon S. San Agustin → Lon Campanile → on Right

SUBDIVISION: Bells Crossing SECTION: 4 LOT # 176 LOT AREA: 1.36 DESIGN FLOW: 480GPD L.T.A.R.: 0.30

Septic Tank	1000 (gal)	STB	794	Date	1000 GAL	☒ New System ☐ Repair ☐ Expansion	System Type: I II III IV V VI	☒ Residence	No. Bedrooms 4
Pump Tank	— (gal)	PT	—	Date	—	System Description: 25% Reduction		☐ Business	No. Persons 8
Pump Make	—	Model	—	Serial #	—	Repair System Description: 50% Reduction - LPPPBPS		☐ Other	No. Employees —
# Nitrification Fields	1	# Lines	4	Linear Ft:	400	Maintenance Agreement Required: ☐ YES ☒ NO		☒ Slab	☐ Crawl Space
Trench Width	36"	Max. Trench Bottom Depth	32" [low side]	Gravel Depth	—	☒ GRAVITY ☐ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☐ Private ☐ Public ☒ Community

Comments / Conditions: Follow all N.C. septic rules. Recommend pumping septic tank every 3-5 years.

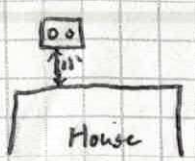
9/5/17 - Installed Quick 4 Plastic Chamber line length varied slightly

INITIAL SITE SKETCH

See attached construction drawing from Bateman Civil Survey Company. Dated 4-25-16

AS BUILT SKETCH

8/30/17 - Dellinger Mid-seam 1000 gal conc tank w/ a Polylok PL-68 Filter



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: 11-16-16 Installed by: Shane Cashion

IMPROVEMENT PERMIT by: Tom Shuck Date: 11/16/16 OPERATION PERMIT by: Maria Dotson Date: 9/5/17

AUTHORIZATION TO CONSTRUCT by: Tom Shuck Date: 4/17/17 Existing System Inspected by: Date:

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

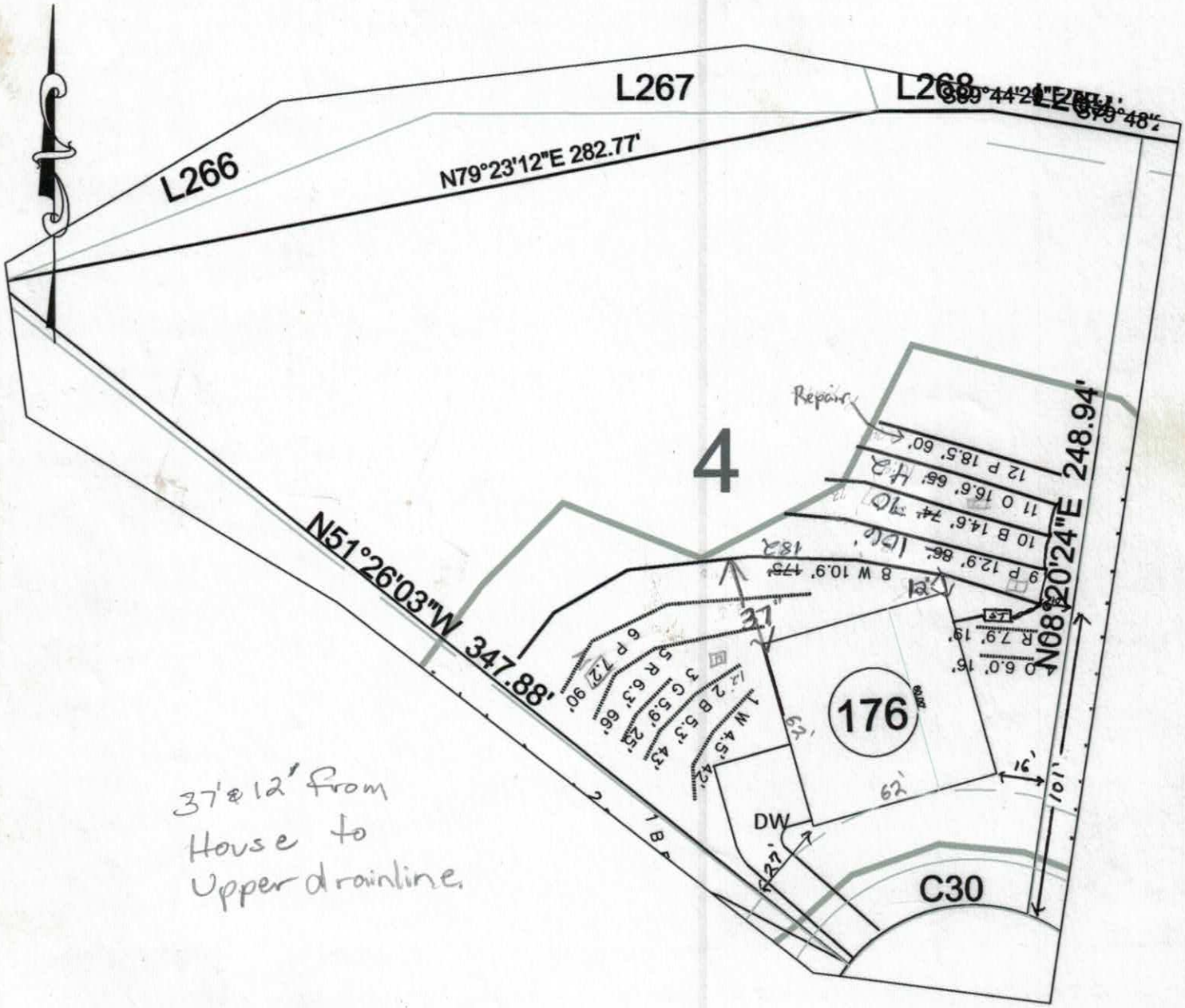
LEGEND

PO = PORCH
SP = SCREENED PORCH
CP = COVERED PORCH
WD = WOOD DECK
SW = SIDEWALK
DW = CONC DRIVEWAY

0 25 50

SCALE:
1" = 50 ft.

BELLS CROSSING SUBDIVISION PHASE 4
HOUSES AND SEPTIC LINES ARE STAKED IN THE FIELD
THESE SEPTIC LAYOUTS ARE PRELIMINARY AND SUBJECT TO CHANGE PENDING APPROVAL BY THE IREDELL COUNTY ENVIRONMENTAL HEALTH DEPARTMENT.
FOR GENERAL USE NOT A SURVEY PRELIMINARY NOT FOR CONSTRUCTION
SOIL PROFILES AND ANALYSIS PROVIDED BY CENTRAL CAROLINA SOIL CONSULTING PLLC



APPROVED NOV 15 2016

CAMPANILE DR.
PUBLIC 50' R/W

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 No. C-2378

SEPTIC SITE PLAN LOT 176
BELLS CROSSING SUBDIVISION

IREDELL COUNTY , NORTH CAROLINA
DATE: 04/25/16 DRAWN BY: SPC CHECKED BY: SPC

DHHS 400 + 267

ON-SITE WASTEWATER SECTION

Sheet ____ of ____

PROPERTY ID #: ____

COUNTY: Iredell

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

modified 11/10/16

OWNER: BLSC — APPLICATION DATE 4/26/16

ADDRESS: 2524 Reliance Ave Apex, NC — DATE EVALUATED: 6/11/16

PROPOSED FACILITY: 4 BR House — PROPOSED DESIGN FLOW (.1949): 480 GPD — PROPERTY SIZE: 1.35 acres

LOCATION OF SITE: Bells Crossing Lot 176 — 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)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	HS 12%	0-8	Br SCL w. SBK	Granular, SS, Sp, Sosp	—	60	—	—	0.3
		8-39	R. Clay M ABK/SBK	Firm, SS, SP, Sosp					
		39-60	R. Clay Loam w/SBK	Friable, SS, SP Some SAP inclusions 45"+					
		60-66	Loamy Saprolite massive	well drained Friable					
2	HS 11%	0-6	Br SCL w. SBK	Granular Friable, SS, Sp, Sosp	—	60	—	—	0.3
		6-33	R. Clay m. SBK/ABK	Firm, SS, SP, Sosp					
		33-52	R. Clay Loam w SBK	Friable, SS, SP, Sosp					
		52-60	Br. Loam w/SBK + SAP inclusions	Very Friable, SS, SP, Sosp					
3	HS 10%	0-12	SCL w. SBK	Granular Friable, SS, SP, Sosp	—	24	—	—	0.3 PS
		12-18	Br. Clay w. SBK	SI Firm, SS, SP, Sosp					
		18-24	R Clay Loam W SBK w/SAP	SI Friable, SS, SP, Sosp					
		24-60	Loamy Saprolite (massive)	Friable + moderate draining					
4	HS 8%	0-9	Br. SCL W/SBK	SI Friable, SS, SP, Sosp	—	31	—	—	0.3 PS
		9-22	R Clay w/ABK/SBK	SI Firm, SS, SP, Sosp					
		22-31	R SL w/SBK	Friable, SS, SP					
		31-65	Massive Loamy Saprolite	Friable + moderately Drained					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	400+	x320'
System Type(s)	25% reduction	50% reduction
Site LTAR	0.3	0.30

OTHER FACTORS (.1946): ____

SITE CLASSIFICATION (.1948): PS

EVALUATED BY: Tom Shuck

OTHER(S) PRESENT: ____

COMMENTS: ____

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:
Place check ( ) beside whichever is submitted if applicable
☑ Survey Plat, Scaled no more than 1 Inch = 60 Feet
☑ 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	13925 Ballantyne Corporate Place Suite 300	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
156 Campanile Court	Bells Crossing	Lot 176

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

4/4/17
DATE

RECEIVED APR 2 9 2016

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 $350.00

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

****

#212204

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		704 658 8616
Applicant Name	Mailing Address	Home Phone #	Alternate Phone #
Meritage Homes	11605 N Community House Rd #450 Charlotte NC 28277		
Owner Name	Mailing Address	Home Phone #	Alternate Phone #

****

4. **Property Information:**

156 Campanile Drive	Bells Crossing	4 176
Street Address	Subdivision Name	Section/Phase and Lot Number

Driving Directions: I-40 W, Route Perth

****

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 ___

11-10-16 MB
( ) Crawl Space Foundation?
(-) Concrete Slab Foundation?
(X) 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)* ( ) 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: _____ 4-26-16
   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 176, 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:

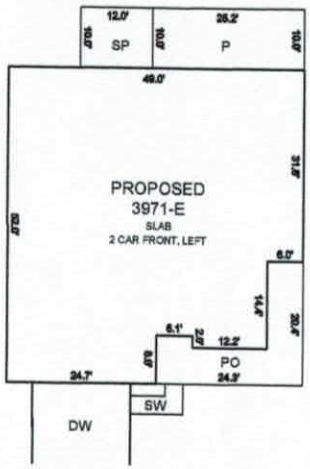
- x — **Location of septic systems and wells within 100' of your property…** **N/A**
- x — **Location of easements and rights of ways on your property…** **N/A**
- x — **Location of any designated wetlands on the property…** **N/A**

Signature: Rob Kutz — 4/4/17

***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



INSET SCALE: 1"=20'

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

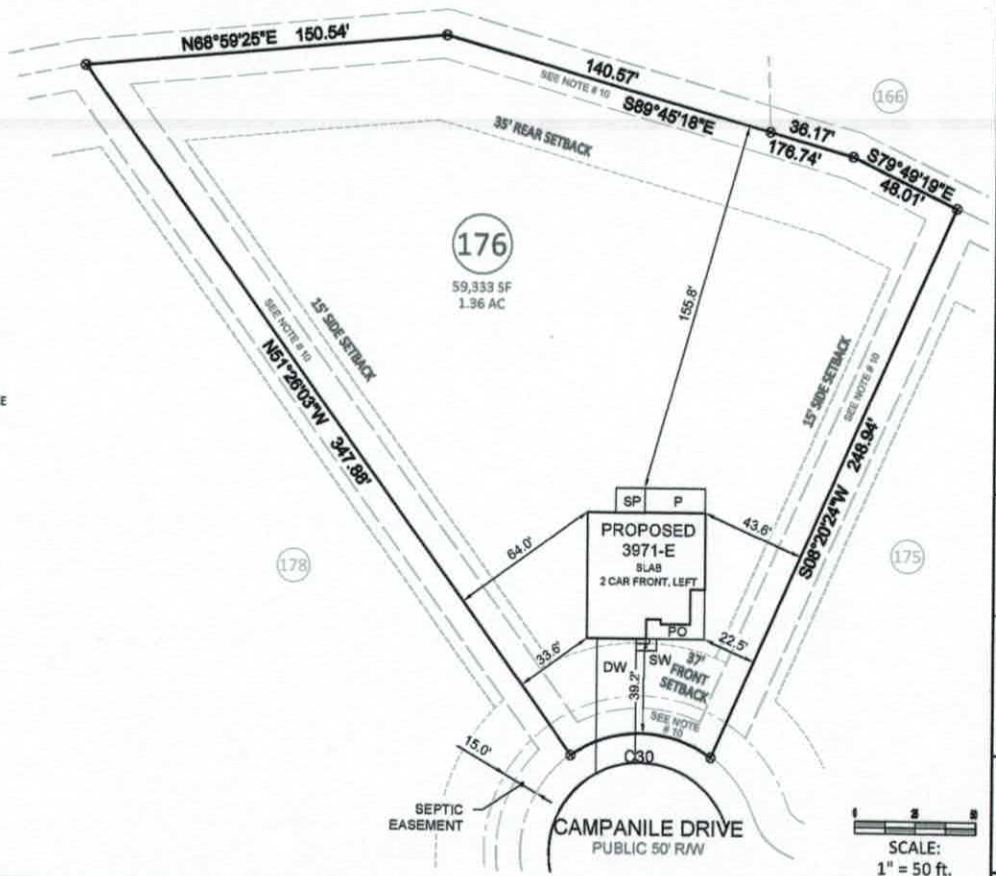
MERITAGE REPRESENTATIVE DATE



LOT INFORMATION:

PIN: 4639821835
HOUSE = 2,304 SF
PORCH = 244 SF
SIDEWALK = 32 SF
DRIVEWAY = 654 SF
SCREENED PORCH = 120 SF
PATIO = 252 SF
TOTAL LOT AREA = 1.36 AC = 59,333 SF
PROPOSED IMPERVIOUS = 3,606 SF
PERCENT IMPERVIOUS = 6.1 %

SOD AREA = 16,229 SF
ADDITIONAL FLATWORK = 201 SF



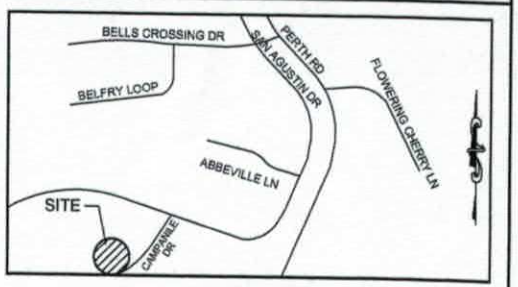
SCALE: 1" = 50 ft.

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.
    13925 BALLANTYNE CORPORATE PLACE
    SUITE 300
    CHARLOTTE, NC 28277

CURVE TABLE				
CURVE	LENGTH	RADIUS	CHORD BEARING	CHORD
C30	62.43'	50.00'	S74°49'15"W	58.45'

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 No. C-2378



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
EB = ELECTRIC BOX
CB = CABLE BOX
TP = TELEPHONE PEDESTAL
CI = CURB INLET
SP = SCREENED PORCH
☼ = LIGHT POLE

BUILDING SETBACKS:

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

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 176
156 CAMPANILE COURT, MOORESVILLE, NC
DAVIDSON TOWNSHIP, IREDELL COUNTY

DATE: 4/3/17 DRAWN BY: NMW CHECKED BY: SPC

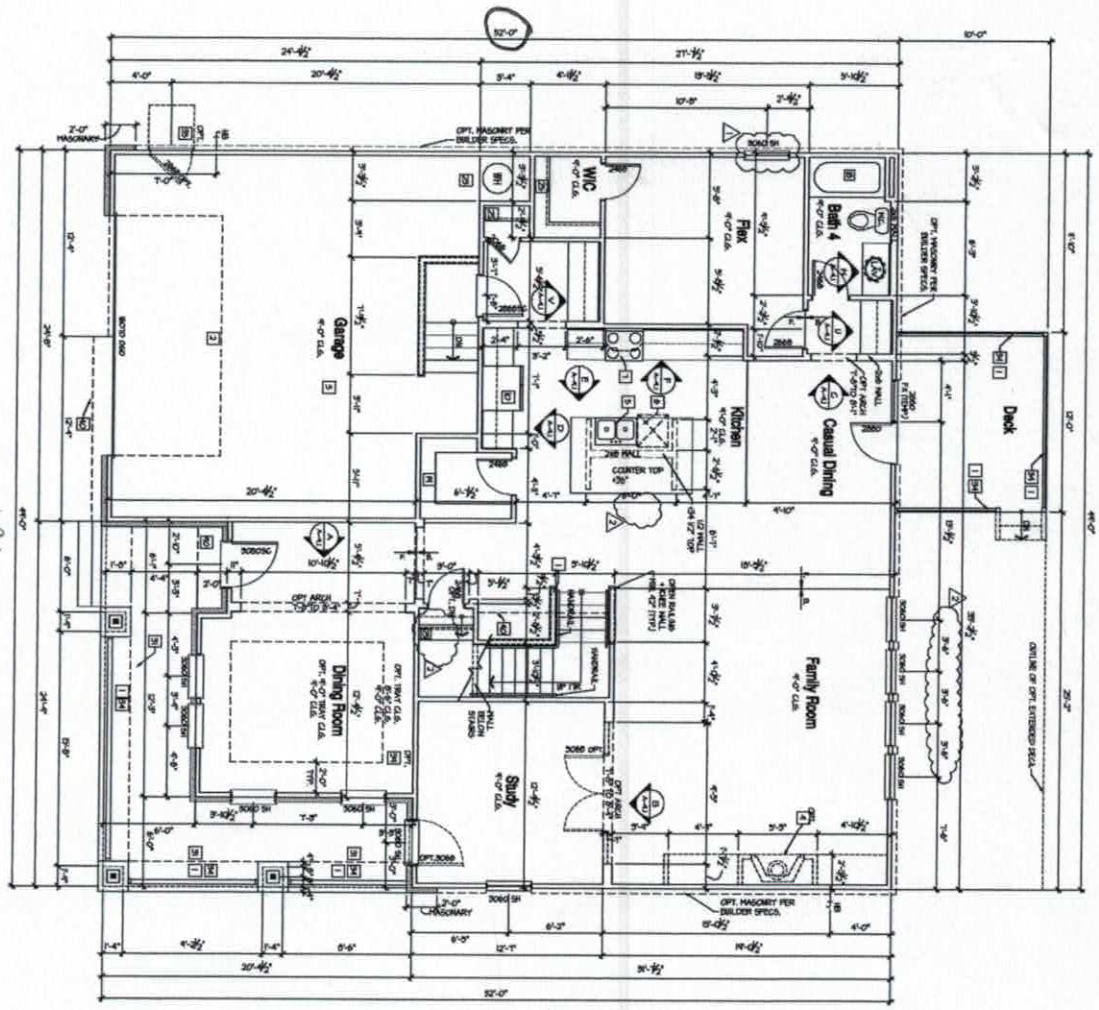
REF: PB 63, PGS. 146-151 BC5# 120314 SCALE: 1" = 50'

P:\2012 WLR\120314 Bells Phase 4\dwg\120314 Bells Ph4 Plot MLS.dwg, 4/3/2017 10:03:41 AM, nmiller

Acknowledgement of
Plans Submittal ONLY!

Date 4-13-17

Date 4/17/17



52'

Main Floor Plan - E

SCALE: 1/4" = 1'-0"

TYPICAL CONSTRUCTION ASSEMBLIES:

A. TYPICAL ROOF CONSTRUCTION:
ASPHALT ROOF SHINGLES
15# FELT UNDERLAYMENT
B. FRONT FLOORING OR 24" BORDER IF GROOVE
FLOOR SHEATHING OR FLOOR TRUSSES OR
DRAWINGS AS NOTED OR STRUCTURAL
C. STANDARD GRADE FLOOR CONSTRUCTION:
BY SOIL REPORT, AND STRUCTURAL
DRAWINGS. INCLUDE VAPOR BARRIER PER
D. INTERIOR:
A. ALL INTERIOR WALLS SHALL COMPLY WITH
APPLICABLE REQ. CODES AS NOTED IN
B. INTERIOR SUPPLIED TO VERIFY AT LEAST
CLEAR WIDTH OF DOORS SHALL BE 32" MIN.
WITH HALL DIMENSION OF 34" IN HEIGHT AND
C. TYPICAL INTERIOR HEAD HEIGHT:
9'-0" A.F.F. & 8'-0" A.F.F. FOR ALL
E. ELECTRICAL:
ALL ELECTRICAL AND MECHANICAL
INSTALLATION SHALL BE PERFORMED BY A
LICENSED CONTRACTOR AS REQUIRED BY
F. PROVIDE VENTILATION AS REQUIRED BY
VENT, HOOD VENT, & EXHAUST FANS.
G. INSTALL PER LOCAL CODE.
H. DIMENSIONS ARE TO THE FACE OF STUD,
I. ALL EXTERIOR DIMENSIONS ARE TO FACE OF
STUDS UNLESS OTHERWISE NOTED.
J. ALL DIMENSIONS ARE +0 -0 INCHES
UNLESS NOTED.
K. BRICK VENEER, WHERE NOTED,
INSTALL PER LOCAL CODE.

FLOOR PLAN NOTES:

(REFLECTED)

1. THE FOLLOWING ESTIMATES REFERENCE THE SYMBOLS AS SHOWN ON PLANS:
2. 9' (NINE) / (NARROW) IS PROVIDED, ALL
SPACES SHALL BE 10' (TEN) UNLESS
SPACES SHALL BE 10' (TEN) A 4" SPHERE CANNOT
PASS THROUGH ENCLOSURE.
3. ALL STAIRS SHALL BE 42" A.F.F. FOR
HANDRAIL TO BE 30" PROVIDED HEIGHT A.F.F. FOR
STAIRS AND 36" PROVIDED HEIGHT A.F.F. FOR
LANDINGS. HANDRAIL SHALL BE CONTINUOUS
4. LINE OF OVERHEAD GARAGE DOOR IN OPEN
POSITION.
5. TEMPERED GLASS REQUIRED AT DOORS,
APPLICABLE REQ. CODES.
6. PROVIDE 20" MIN. CLEAR OPENING,
FIRST FLOOR AS SPECIFIED BY BUILDER.
7. ALL WINDOWS TO BE EGRESS WHERE
REQUIRED PER APPLICABLE CODES.
8. 36" DIA. GARBAGE DISPOSAL
9. 42" x 60" TUB
10. 60" x 60" CORNER TUB
11. 30" x 60" SHOWER
12. LINEN SHELVING PER BUILDER SPECS.
13. PANTRY SPACE
14. PROVIDE NON-CORROSIVE PLATFORM
OPTIONAL LAUNDRY SINK.
15. ATTIC ACCESS 22"x30" MIN.
16. ATTIC ACCESS 22"x30" MIN.
17. FLOOR & TRAY CEILING HEIGHTS
18. 5 SHELVES
19. ATTIC ACCESS W/ STAIRS DS 60"x54" A/T.
20. FLOOR & TRAY CEILING HEIGHTS
21. ATTIC ACCESS W/ STAIRS DS 60"x54" A/T.
22. 5 SHELVES
23. ATTIC ACCESS 22"x30" MIN.
24. SOFFIT, REFER TO EXTERIOR ELEVATIONS FOR
REMAINS & ARCHITECTURAL DETAILS FOR
25. FLAT SHEET, SEE EXTERIOR ELEVATION.
26. WALL HALL W/ WOOD CAP OR OPTIONAL LOW
27. 36"x36" CORNER SHOP.
28. PROVIDE RAIL SEE ELEVATION.
29. 36"x36" CORNER SHOP.
30. OPTIONAL LINEN CABINETS.
31. OPTIONAL LINEN CABINETS.
32. OPTIONAL UPPER CABINETS.
33. BUILDER SPEC.
34. RECESSED LIGHTS CENTERED CEILING @ 6'-0" PER
35. LINE OF TRAYING ABOVE.
36. 2x6 LOW RAIL @ 42" A/T.
37. 2x6 LOW RAIL @ 42" A/T.
38. 2x6 LOW RAIL @ 42" A/T.
39. 2x6 LOW RAIL @ 42" A/T.
40. HANDRAIL, LAUNDRY CHUTE
41. LOW RAIL 2x6 A/T.
42. GYPSUM BOARD ARCH @ 6'-0" TO 8'-0"
43. LOW RAIL 2x6 A/T.
44. GYPSUM BOARD ARCH @ 7'-0" TO 8'-0"
45. LOW RAIL 2x6 A/T.
46. LOW RAIL 2x6 A/T.

SQUARE FOOTAGES

	Sq.ft
FIRST FLOOR	1975
UPPER FLOOR	1292
GARAGE	471
PORCH	96
DECK	306
PATIO	252
TOTAL	3592
OPT. SQUARE GARAGE	529
OPT. EXTENDED DECK	306
OPT. COVERED PORCH	120

BSB DESIGN

Meritage Homes

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

ISSUE DATE: 01/17/2014

REVISIONS

CORRECTION
CORRECTION (2 PLEX 02.21.2014)
CORRECT (UPDATE PER CLIENT ROOF)

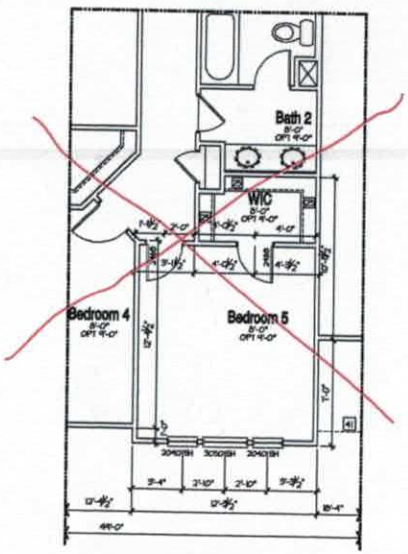
PLAN 249 - 3971

A2.1E

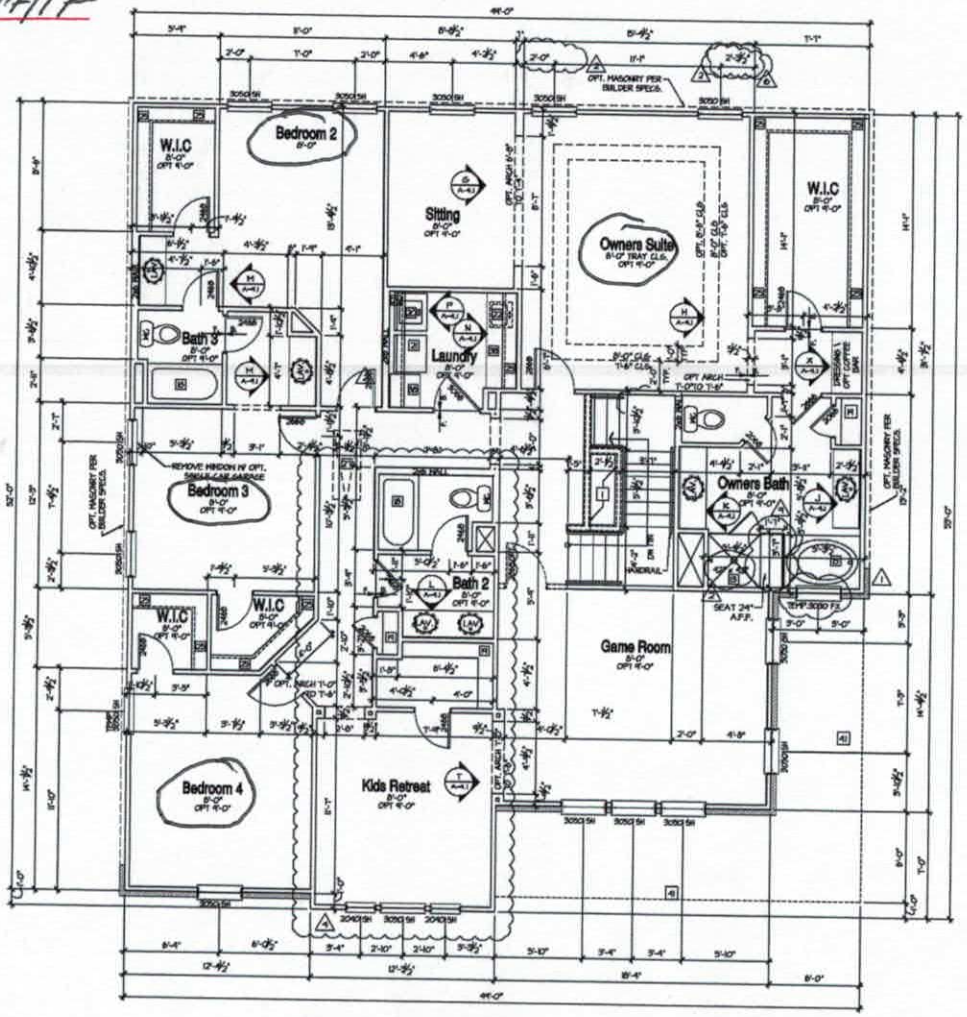
Acknowledgement of Plans Submittal ONLY!

Date 4-13-17

Date 4/17/17



Opt. Bedroom 5
Upper Floor Plan - E



Upper Floor Plan - E

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

FLOOR PLAN NOTES:

NOTE FLOOR

4 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. RAILING/HANDRAILS ARE TO BE AT A 34" MINIMUM TO 36" 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 6" ABOVE GARAGE FLOOR FOR WATER HEATER.
24. 5 SHELVES
25. ROD AND SHELF PER BUILDER SPECS.
26. ATTIC ACCESS (22"x32" MIN.).
27. ATTIC ACCESS W/ STAIRS (25 1/2"x54 1/2").
28. BYPASS BOARD OPENING @ 5'-0" A.F. MAIN FLOOR & 7'-0" AT UPPER FLOOR U.N.O.
29. BYPASS BOARD ARCH @ 7'-2" TO 8'-0".
30. BYPASS BOARD LOW WALL, 36" A.F.F. (U.N.O.) W/ MDF CAP.
31. SOFFIT, REFER TO EXTERIOR ELEVATIONS FOR HEIGHTS & ARCHITECTURAL DETAILS FOR FINISH.
32. PLANT SHELF, SEE EXTERIOR ELEVATIONS.
33. HALF WALL W/ WOOD CAP OR OPTIONAL LOW WALL WITH RAILING ABOVE.
34. PORCH RAIL, SEE ELEVATION.
35. 36"x36" CONCRETE STOOP.
36. 6x8 BEAM.
37. OPTIONAL UPPER CABINETS.
38. OPTIONAL CABINETS.
39. OPTIONAL COFFERED CEILING @ 8'-6" PER BUILDER SPEC.
40. LINE OF FRAMING ABOVE.
41. LINE OF FRAMING WALL BELOW.
42. 2x4 LOW WALL 42" A.F.F.
43. 2x6 LOW WALL 42" A.F.F.
44. ART NICHE
45. HORIZONTAL LAUNDRY CHUTE
46. LOW WALL 42" A.F.F.
47. BYPASS BOXED ARCH @ 8'-0" TO 8'-6"
48. LOW WALL 30" A.F.F.

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 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. CHECKS.
B. WINDOW SUPPLIER TO VERIFY AT LEAST ONE WINDOW IN ALL BEDROOMS TO HAVE A CLEAR EGRESS OPENING OF 5.1 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 HEIGHTS:
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. STONE SILLS.
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.

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

K. BRICK SILLS.
INSTALL PER LOCAL CODE.

ISSUE DATE: 01/17/2014

REVISIONS

CORRECTION TO FF ELEVATION
CORRECT FOOTER PER CLEAR POST

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

Meritage Homes

Meritage Homes

BSB DESIGN

www.bsbdesign.com
4651 Westover Parkway, Suite 205
West Des Moines, Iowa 50266
515-272-3100

JOB NO. 02000 PROJECT #
DRAWN BY CHECKED BY

UPPER FLOOR PLAN - E

PLAN 249 - 3971

A2.2E

Bells Crossing Lot 176

IREDELL COUNTY

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

APPLICATION NUMBER
212204
Issue Date: 07/28/2015

ZONING PERMIT

Parcel Number	Street Address	Jurisdiction
4639834045.000	156 CAMPANILE DRIVE, MOORESVILLE, NC 28117	IREDELL COUNTY

Owner Information	Applicant Information
Owner: MERITAGE HOMES OF NC INC	Applicant: MERITAGE HOMES
Address: 17851 N 85TH ST MOORESVILLE, AZ 85255	Address: 7761 BALLANTYNE COMMONS PKWY SUT CHARLOTTE, NC 28277
Phone:	Phone: 704-944-8903

Use Requested	Zone Code
SFD	RA

Lot Acreage	F Setback	B Setback	L Setback	R Setback	Watershed	Flood Zone
76.003	35.00	35.00	15.00	15.00	CACL	AE

Remarks:

PAID
✓ 70506623
8-19-15

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	44912	TOTAL FEES:	$ 77.25