IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625

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

PERMIT # 212215

PIN # 4639-83-4045.000

APPLICANT: BCSC

APPLICANT ADDRESS: 2524 Reliance Ave. Apex NC 27539

SITE ADDRESS: 125 Campanile Dr. Mooresville NC 28117

PHONE: 704-658-8616 ALT. PHONE:

SITE DIRECTIONS: Perth To Bells Crossing, TL S. San Agustin, TL Campanile, site on L

SUBDIVISION: Bells Crossing

SECTION: 4 LOT # 185 LOT AREA: DESIGN FLOW: 600 GPD L.T.A.R.: .3

Septic Tank 1500 (gal) STB 444 Date 9-12-17

Pump Tank 1500 (gal) PT 477 Date 8-31-17

Pump Make Zoeller Model N140 Serial #

Nitrification Fields 1 # Lines 4 Linear Ft: 500'

Trench Width 36" Max. Trench Bottom Depth 33" Lowest Gravel Depth N/A

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

System Description: 25% Reduction - Pump

Repair System Description: 25% Reduction - Pump

Maintenance Agreement Required: ☐ YES ☒ NO

☐ GRAVITY ☒ PRESSURE

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

No. Bedrooms 5 No. Persons 10 No. Employees

☐ Crawl Space ☐ Basement w/o plumbing

Water Supply: ☐ Private ☐ Public ☒ Community

Comments / Conditions: USE 1½" SCH. 40 TAPS.

INITIAL SITE SKETCH

See Site Plan Submitted By BCSC

DATED APPROVED MAY 31 2016

Dose Volume = 217.75 Gal.

- 28.44 Gal./Min. w/ 1½" Sch. 40 Taps.

- 7.66 Min. Run Time.

AS BUILT SKETCH

	Date	Initials
Drain Lines Checked	10-13-17	KW
Tanks Checked	10-13-17	KW
Pressure Manifold or Valve Box Checked	10-13-17	KW
Pressure Head Set	10-13-17	KW
Electrical Checked	1-11-18	KW
Floats Set	10-13-17	KW
Alarm Checked	10-13-17	KW
Maintenance Contract Y (N)		
Comments: (not required for Type III B)		

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: 6/13/16 Installed by: BCSC

IMPROVEMENT PERMIT by: APPROVED MAY 31 2016 OPERATION PERMIT by: Ralph Wilson Date: 1-11-18

AUTHORIZATION TO CONSTRUCT by: BA-008 Date: APPROVED JUN 14 2017 Existing System Inspected by: Date:

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

LINE SCHEDULE

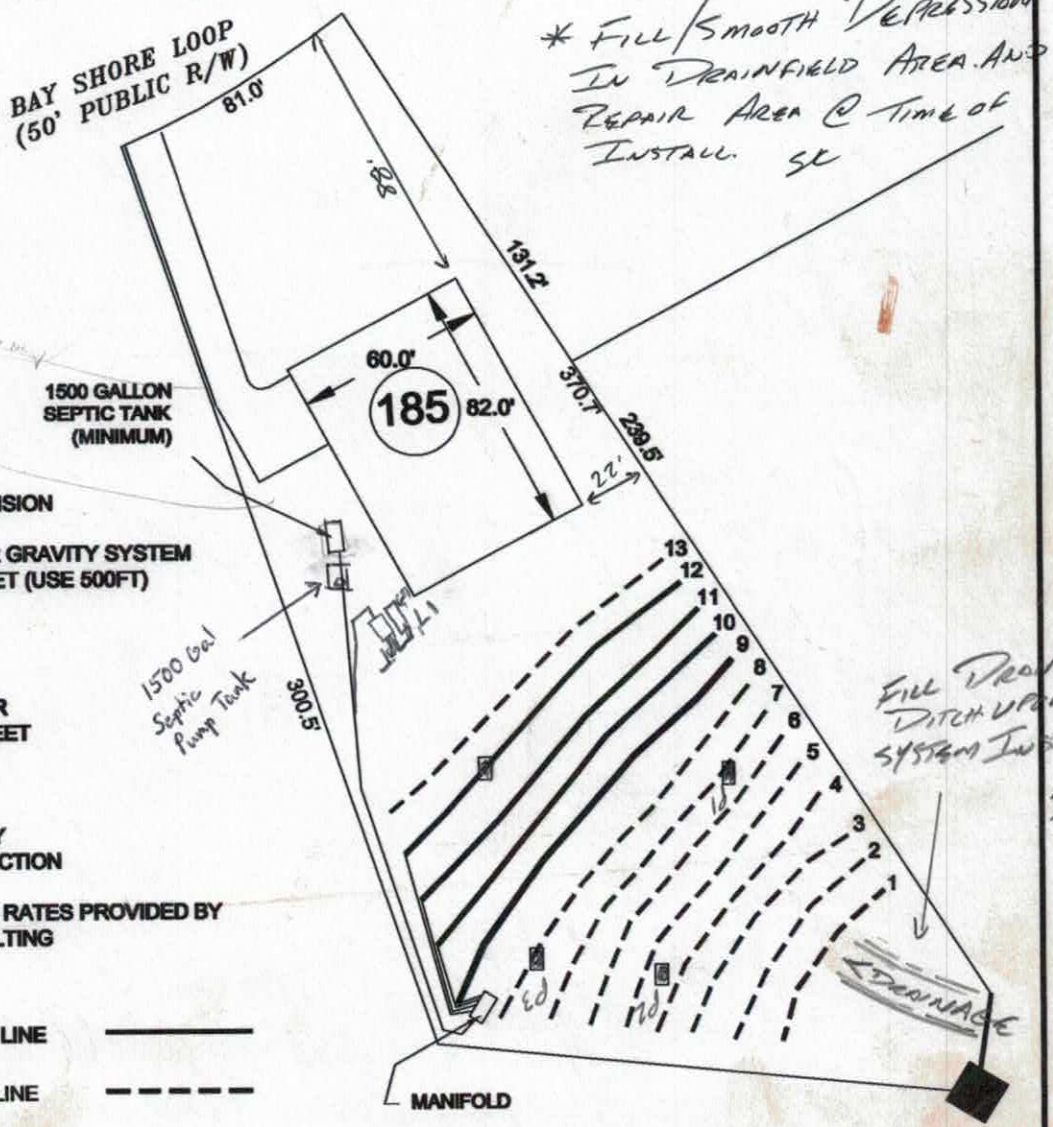
LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	RED	0.6	58
2	BLUE	1.4	71
3	ORANGE	1.8	80
4	YELLOW	2.3	92
5	PINK	2.7	100
6	RED	3.3	110
7	BLUE	4.0	118
8	ORANGE	4.9	131
9	YELLOW	5.8	138
10	PINK	6.4	131
11	RED	7.0	126
12	BLUE	7.7	121
13	ORANGE	8.7	116

OK ICHD
APPROVED MAY 31 2016
SE

DESIGN LENGTH
130
~~125~~ 126
~~125~~ 126
122
500'



* FILL/SMOOTH DEPRESSION IN DRAINFIELD AREA AND REPAIR AREA @ TIME OF INSTALL. SE



LOT 185 BELLS CROSSING SUBDIVISION

5-BEDROOM ACCEPTED CHAMBER GRAVITY SYSTEM
LINES 9-12 TOTAL 516 LINEAR FEET (USE 500FT)
EZFLOW OR CHAMBER
LTAR 0.3
25% REDUCTION

4-BEDROOM PANEL BLOCK REPAIR
LINES 1-8 13 TOTAL 876 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

SYSTEM LINE ——————

REPAIR LINE - - - - -

0 30 60

SCALE:
1" = 60 ft.

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-2570

MeritageHomes

LOT 185
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE: 4/21/16 DRAWN BY: MDB CHECKED BY: TMB

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

Sheet 1 of 2
PROPERTY ID #: 4045
COUNTY: Iredell

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

OWNER: Heritage Homes — APPLICATION DATE 4/22/16
ADDRESS: — DATE EVALUATED: 5/24/16
PROPOSED FACILITY: SFR — PROPOSED DESIGN FLOW (.1949): 480 GPD — PROPERTY SIZE: —
LOCATION OF SITE: 125 Campanile Dr. Mooresville NC Lot 195 — PROPERTY RECORDED: YES
WATER SUPPLY: ☐ Private ☐ Public ☑ Well ☐ Spring ☑ Other Comm.
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	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
P 1	LL 5%	0-4	BSL, WSBK	FR, SS, SP	/	58"	C-M SAP INCL. 29"-58"	/	.325
		4-31	RC, SBK	" " "					
		31-58	RCL, SBK/WSBK	" " "					
P 2	LL 5%	0-41	RC, SBK	FR, SS, SP	/	62"	F SAP INCL.	/	.3
		41-62	RCL, SBK	" " "					
P 3	LL 8%	0-4	BSL, GR	VFR, SS, SP	/	60"	F SAP INCL.	/	.3
		4-50	RC, ABK	FR, SS, SP					
		50-60	RCL, WSBK	" " "					
P 4	LL 8%	0-8	BSL, GR	VFR, SS, SP	/	57"	F SAP INCL.	/	.3
		8-40	RC, ABK	FR, " "					
		41-57	RCL, WSBK	" " "					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Approved	Approved
Site LTAR	.3	.3

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: SL
OTHER(S) PRESENT: B. Aldridge, M. Benfield.

COMMENTS:

RECEIVED JUN - 9 2017

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	13925 Ballantyne Corporate Place, Suite 300 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
125 Campanile Court	Bells Crossing	Lot 185

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_____ ( ) 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: _____ 5/31/17
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)_____, 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 — 3/10/15 Date

Signature of Witness — 3/10/15 Date

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…**

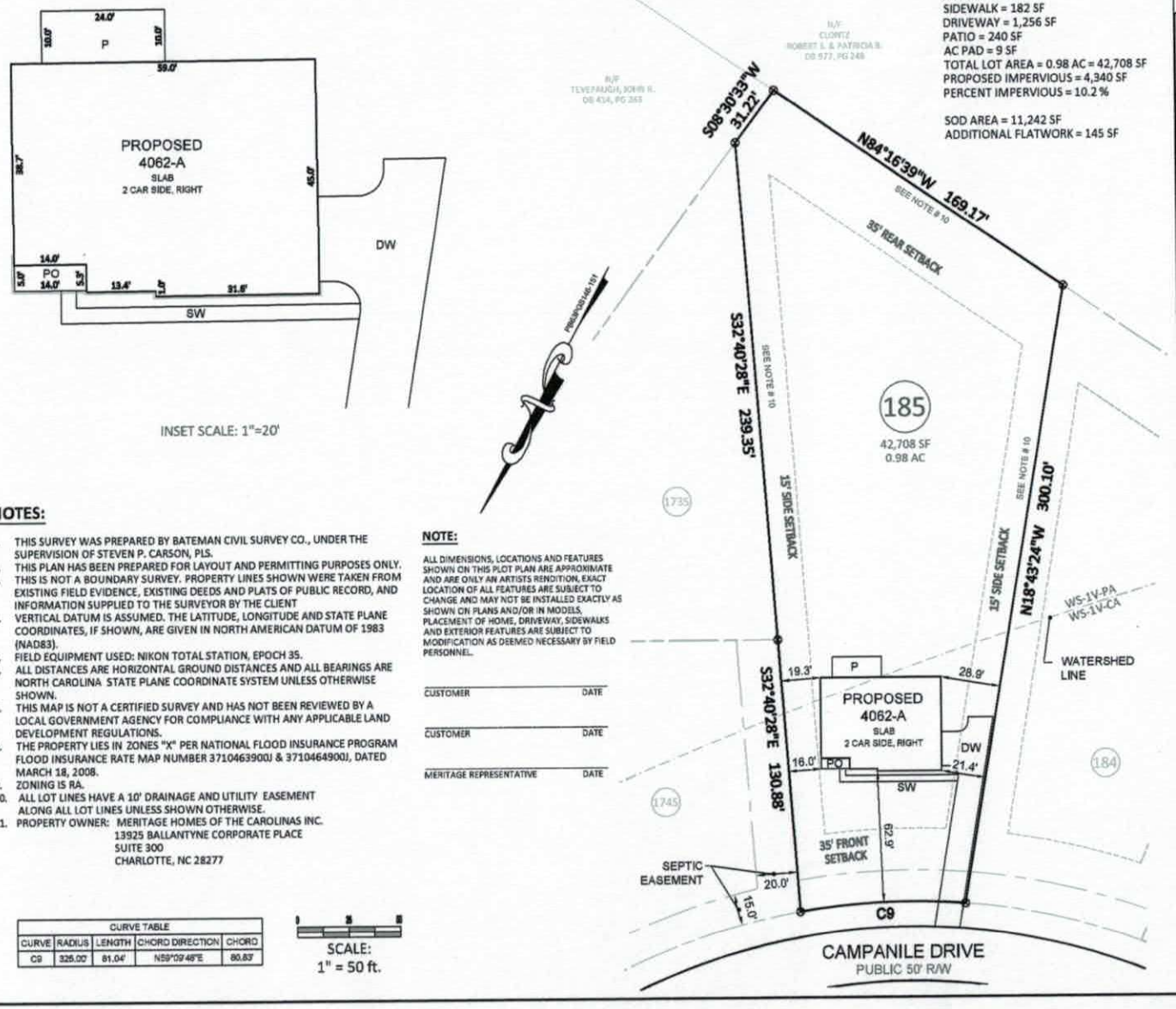
Circle N/A on the following if appropriate:

- 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: _____ 5/31/17
REQUIRED **property owner or owner's legal representative signature.** **DATE**

USE THIS SPACE TO DRAW YOUR SITE PLAN

Please see Attachments Below.



LOT INFORMATION:

PIN: 4639829498
HOUSE = 2,575 SF
PORCH = 78 SF
SIDEWALK = 182 SF
DRIVEWAY = 1,256 SF
PATIO = 240 SF
AC PAD = 9 SF
TOTAL LOT AREA = 0.98 AC = 42,708 SF
PROPOSED IMPERVIOUS = 4,340 SF
PERCENT IMPERVIOUS = 10.2 %

SOD AREA = 11,242 SF
ADDITIONAL FLATWORK = 145 SF

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

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 _____

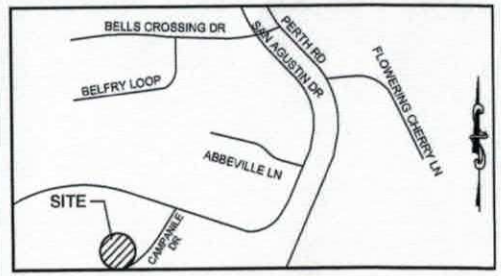
CUSTOMER _____ DATE _____

MERITAGE REPRESENTATIVE _____ DATE _____

CURVE TABLE				
CURVE	RADIUS	LENGTH	CHORD DIRECTION	CHORD
C9	325.00'	81.04'	N59°09'48"E	80.83'

SCALE:
1" = 50 ft.

Bateman Civil Survey Company
Engineers • Surveyors • Planners
2324 Reliance Avenue, Apex, NC 27539 Ph: 919.577.1080 Fax: 919.577.1091
www.batemancivilsurvey.com info@batemancivilsurvey.com
NCBELS Firm No. C-2378



VICINITY MAP

(Not to Scale)

LEGEND

PO = PORCH
CP = COVERED PATIO
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
◎ = 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 185
125 CAMPANILE DRIVE, MOORESVILLE, NC
DAVIDSON TOWNSHIP, IREDELL COUNTY

DATE: 5/31/17 DRAWN BY: NMW CHECKED BY: SPC

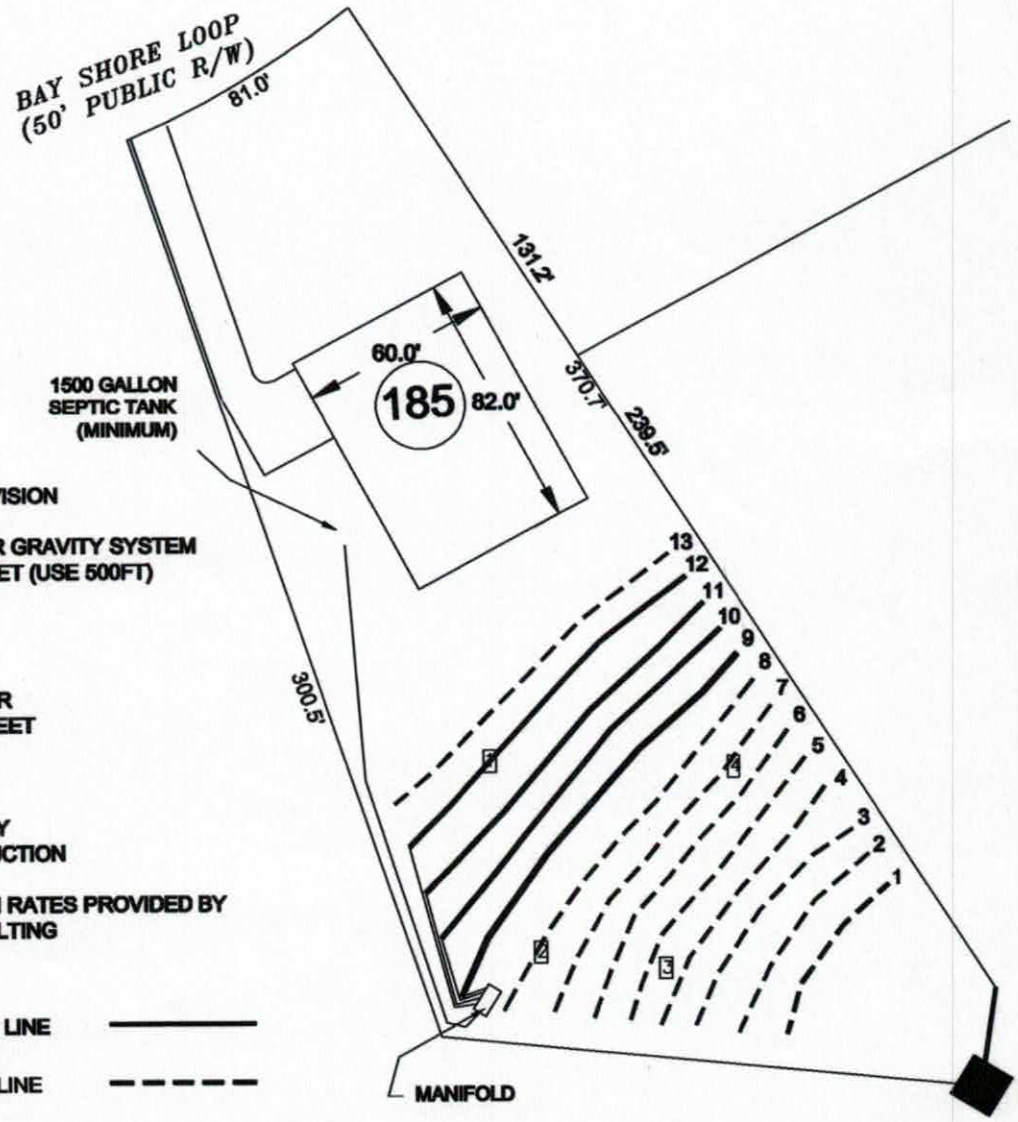
REF: PB 63, PGS. 146-151 BCS# 120314 SCALE: 1" = 50'

P:\2012 MLS\120314 Bells Phase 4\dwg\120314 Bells Ph4 Plot MLS.dwg, 6/1/2017 10:04:49 AM, mueller

LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	RED	0.6	58
2	BLUE	1.4	71
3	ORANGE	1.8	80
4	YELLOW	2.3	92
5	PINK	2.7	100
6	RED	3.3	110
7	BLUE	4.0	118
8	ORANGE	4.9	131
9	YELLOW	5.8	138
10	PINK	6.4	131
11	RED	7.0	126
12	B;UE	7.7	121
13	ORANGE	8.7	116





LOT 185 BELLS CROSSING SUBDIVISION

5-BEDROOM ACCEPTED CHAMBER GRAVITY SYSTEM
LINES 9-12 TOTAL 516 LINEAR FEET (USE 500FT)
EZFLOW OR CHAMBER
LTAR 0.3
25% REDUCTION

4-BEDROOM PANEL BLOCK REPAIR
LINES 1-8 13 TOTAL 876 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

SYSTEM LINE ——————

REPAIR LINE – – – – –

0 30 60

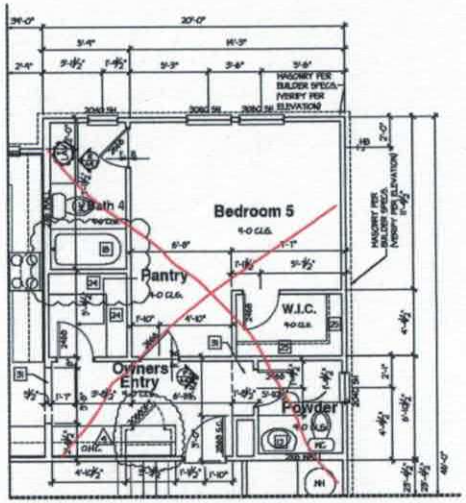
SCALE:
1" = 60 ft.

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-3276

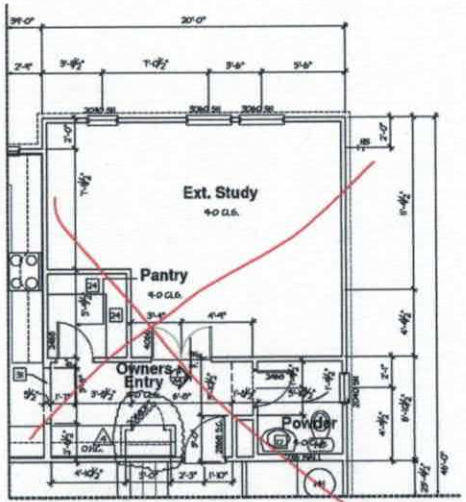
MeritageHomes

LOT 185
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

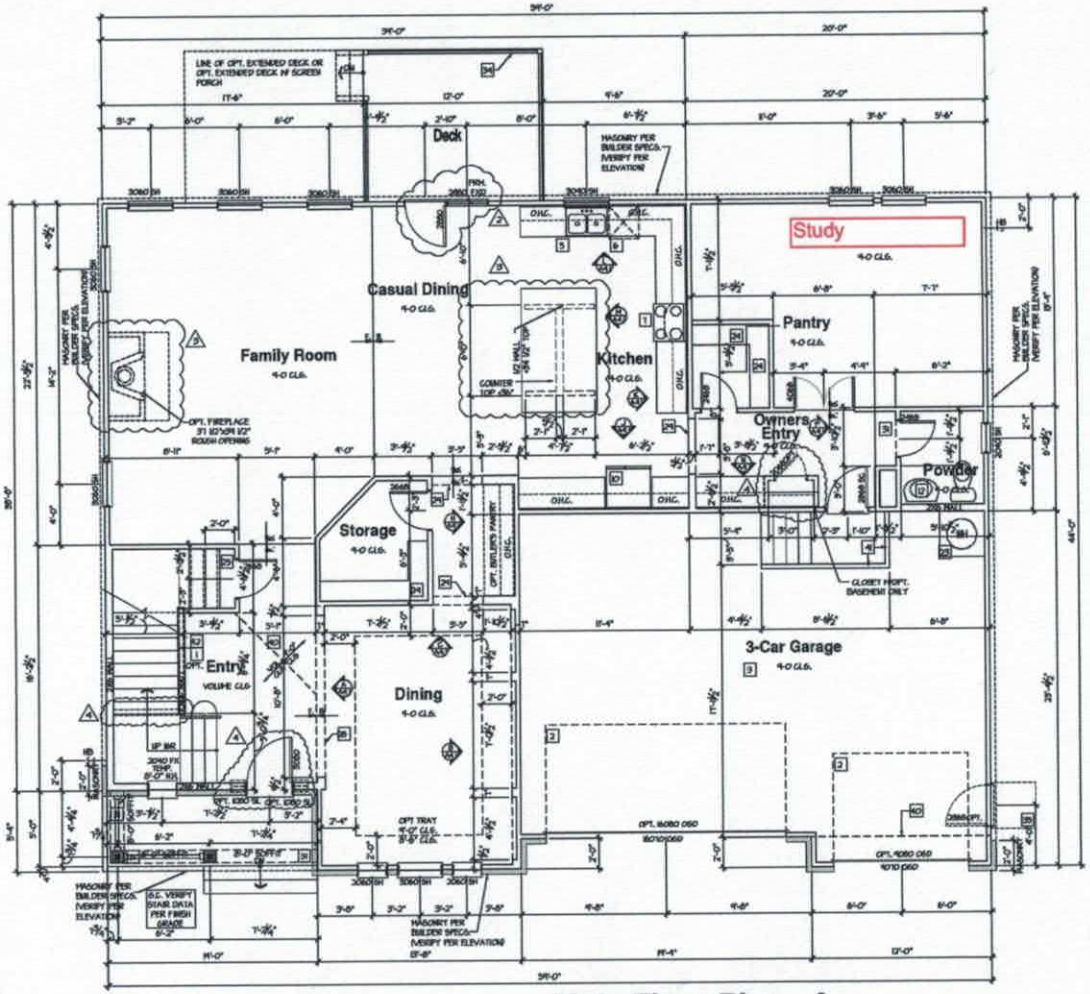
DATE:4/21/16DRAWN BY: MDBCHECKED BY: TMB



Main Floor - Opt Bedroom 5



Main Floor - Opt. Ext. Study



Main Floor Plan - A

FLOOR PLAN NOTES:

1. THE FOLLOWING KEYNOTES REFERENCE THE SYMBOLS AS SHOWN ON PLANS.
2. 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.
3. LINE OF OVERHEAD GARAGE DOOR IN OPEN POSITION.
4. SLOPE GARAGE FLOOR 1/8" PER FOOT TOWARD OVERHEAD GARAGE DOOR OPENING.
5. FIREPLACE, AS SPECIFIED BY BUILDER. INSTALL PER MANUFACTURERS SPECIFICATIONS. ALL FACTORY BUILT FIREPLACES SHALL COMPLY WITH LOCAL CODES.
6. SINK W/ GARBAGE DISPOSAL
7. DISHWASHER
8. RANGE
9. COOK TOP
10. OVEN
11. REFRIGERATOR SPACE.
12. PANTRY
13. PEDESTAL SINK
14. SHOWER (SIZE AS NOTED)
15. TUB
16. 42" X 80" TUB 21" TO TOP OF CECERS
17. 60" X 80" CORNER TUB
18. 30" X 60" TUB/SHOWER
19. 32" X 60" TUB/SHOWER
20. LINEN SHELVING PER BUILDER SPECS.)
21. WASHER SPACE
22. DRYER, VENT
23. OPTIONAL LAUNDRY SINK.
24. PROVIDE NON-COMBUSTIBLE PLATFORM ELEVATED 8" ABOVE GARAGE FLOOR FOR WATER HEATER.
25. 5 SHELVES PER BUILDER SPECS.
26. ATTIC ACCESS (22 1/2"x32" MIN.).
27. ATTIC ACCESS W/ STAIRS (25 1/2"x54 1/2").
28. GYPSUM BOARD CEILING @ 9'-0" AT MAIN FLOOR & 7'-0" AT UPPER FLOOR MNO.
29. GYPSUM BOARD ABOVE @ 7'-2" TO 8'-0".
30. GYPSUM BOARD LOW WALL 36" A.F.F. (SHOU 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/ WOOD CAP OR OPTIONAL LOW WALL WITH RAILING ABOVE.
34. PORCH RAIL, SEE ELEVATION.
35. 36"x36" CONCRETE STOOP.
36. 6x6 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 LON WALL 42" A.F.F.
43. 2X6 LON WALL 42" A.F.F.
44. ART NICHE
45. HORIZONTAL LAUNDRY GATE
46. LON WALL 40" A.F.F.
47. GYPSUM BOARD ARCH @ 8'-0" TO 8'-6"
48. LON WALL 32" A.F.F.
49. 10 HARD LATCH OR LOCKING KNOB

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 JOISTS 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 N.C.S.C.

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 (MNO.)
8'-0" A.F.F. @ 9'-1 1/8" PLATE HEIGHT (SHOU)

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

F. VENTS.
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.

J. ALL ENABLED PARTITIONS ARE 90 DEGREES UNLESS OTHERWISE NOTED.

K. BRICK SILLS.
INSTALL PER LOCAL CODE.

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

SQUARE FOOTAGES	
"A"	
MAIN FLOOR	1766
UPPER FLOOR	2219
BASEMENT	636
GARAGE	644
PORCH	10
TOTAL	4625

Acknowledgement of Plans Submittal ONLY!

Date 6-7-17

Date APPROVED JUN 14 2017

5400 Trinity Road
Suite 107
Raleigh,
North Carolina 27607
919-322-2295 Phone

Meritage Homes

ISSUE DATE: 01/17/2014

REVISIONS:

Meritage Homes

BSB DESIGN

JOB NO. 259-4062
DRAWN: JF
PROJ MGR: JF
CHECKED:

MAIN FLOOR PLAN - A

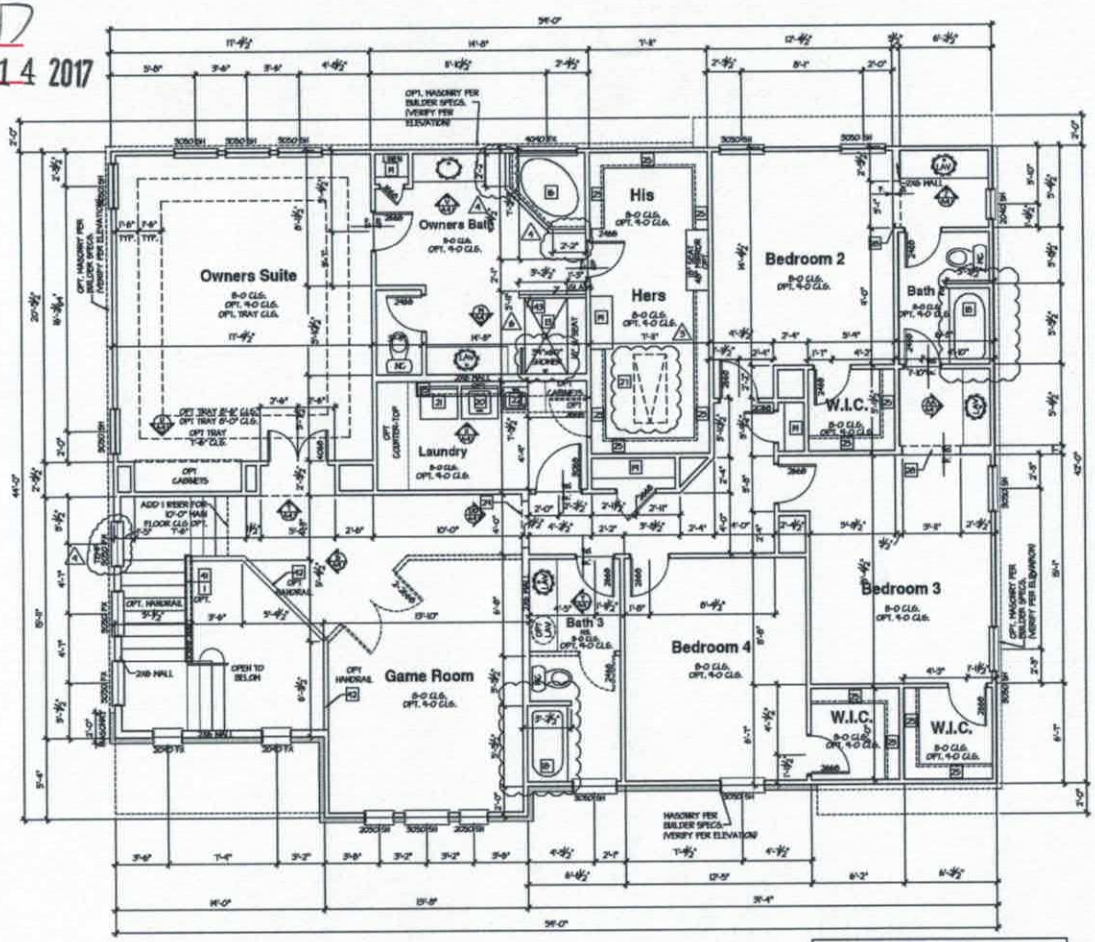
259-4062

A2.1A

Acknowledgement of
Plans Submittal ONLY!

Date 6-7-17

Date APPROVED JUN 14 2017



Upper Floor Plan - A

0 2' 4' 8'

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

FLOOR PLAN NOTES:

NOTE_FLOOR1

4 THE FOLLOWING KEYNOTES REFERENCE THE SYMBOLS AS SHOWN ON PLANS:

1. 8' RAILING / BANDRAIL IS PROVIDED, ALL RAILING / BANDRAIL 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 BANDS.
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 24" TO TOP OF DECK
16. 60"X 60" SHOWER
17. 30" X 60" TUB/SHOWER
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 8" ABOVE GARAGE FLOOR FOR WATER HEATER.
24. 5 SHELVES PER BUILDER SPECS.
25. SEMI-RECESSED PAPER TOWEL HOLDER
26. ATTIC ACCESS (22 1/2"x30" R.N.O.).
27. ATTIC ACCESS W/ STAIRS (25 1/2"x54 1/2").
28. DROP SOFFIT OVERHEAD @ 8'-0" FROM FINISH FLOOR & 1'-0" AT UPPER FLOOR R.N.O.
29. GYPSUM BOARD ARCH @ 1'-2" TO 8'-0".
30. GYPSUM BOARD LOW WALL, 36" A.F.F. (U.N.O.) W/ HDF CAP.
31. SOFFIT, REFER TO EXTERIOR ELEVATIONS FOR HEIGHTS & ARCHITECTURAL DETAILS FOR FINISH.
32. FLAT SHELF, SEE EXTERIOR ELEVATIONS.
33. HALF WALL W/ HDOD CAP OR OPTIONAL LOW WALL WITH RAILING ABOVE.
34. PORCH RAIL, SEE ELEVATION.
35. 36"x36" CONCRETE STOOP.
36. 6x6 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. 24x1 LON WALL 42" A.F.F.
43. 2x6 LON WALL 42" A.F.F.
44. ART NICHE
45. HORIZONTAL LAUNDRY GATE
46. LON WALL +34" A.F.F.
47. GYPSUM BOARD ARCH @ 8'-0" TO 8'-6"
48. LON WALL (33" A.F.F.
49. NO HARD LATCH OR LOCKING KNOB

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 5.7 SQ. FT. WITH MIN. DIMENSION OF 24" W HEIGHT AND 20" W 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, COORDINATION TO VERIFY.

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

G. STONE SIDING:
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.

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

N. BRICK VENEER:
INSTALL PER LOCAL CODE.

ISSUE DATE: 01/17/2014

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

Meritage Homes

Meritage Homes

BSB DESIGN

www.bsbdesign.com

UPPER FLOOR PLAN - A

259-4062

A2.2A

Bells Crossing Lot 185

IREDELL COUNTY

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

APPLICATION NUMBER
212215
Issue Date: 07/28/2015

ZONING PERMIT

Parcel Number	Street Address	Jurisdiction
4639834045.000	125 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 SUIT 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

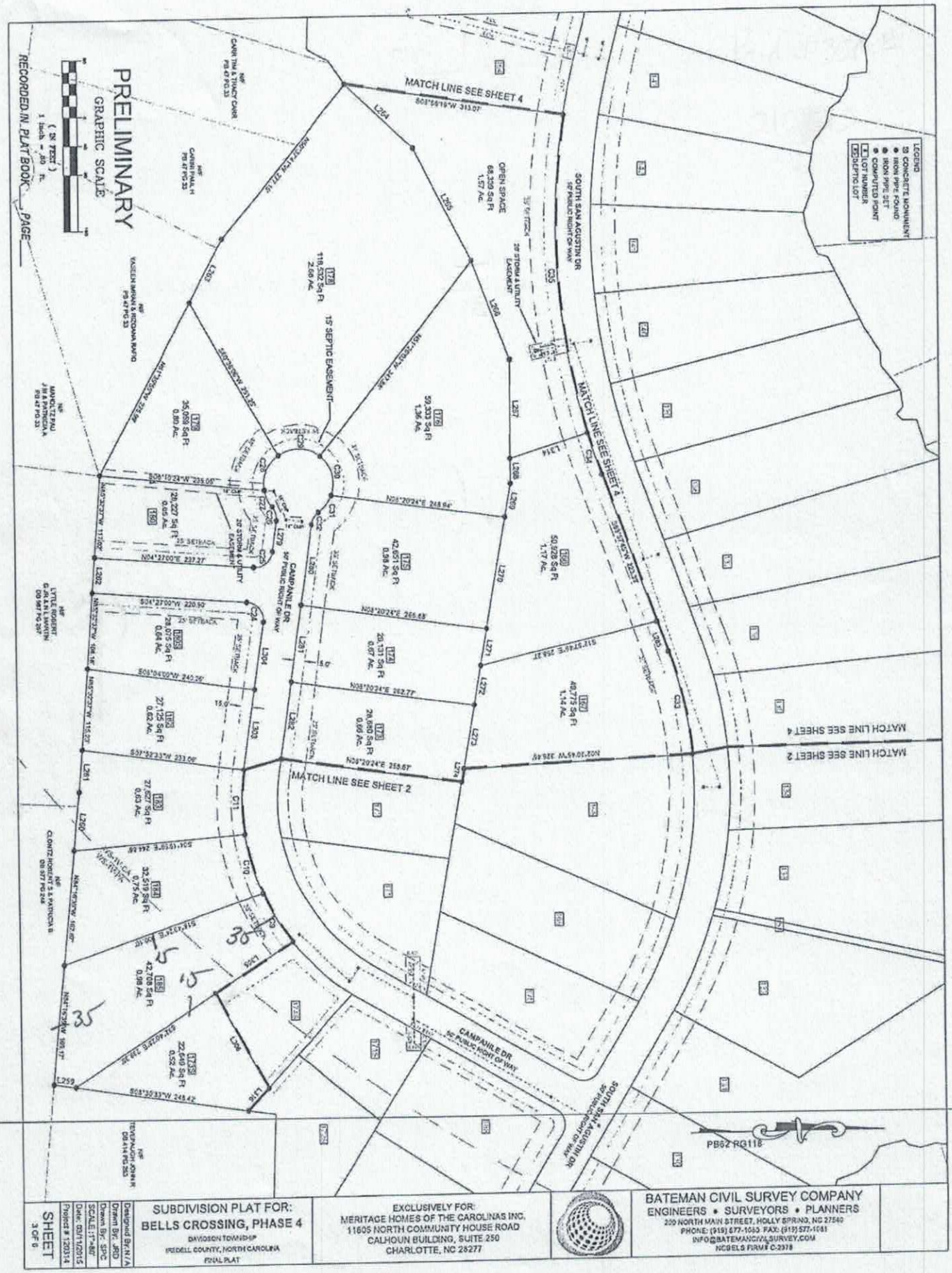
Remarks:

PAID
✓ 7050602 32
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	44920	TOTAL FEES:	$ 77.25


PRELIMINARY
GRAPHIC SCALE
(IN FEET)
1 inch = 40 ft.
RECORDED IN PLAT BOOK ____ PAGE ____
LEGEND
IRON PIPE FOUND
IRON PIPE SET
COMPUTED POINT
LOT NUMBER
DEDICATED LOT
MATCH LINE SEE SHEET 4
MATCH LINE SEE SHEET 2
SOUTH SAN AGUSTIN DR
50' PUBLIC RIGHT OF WAY
CAMPANILE DR
50' PUBLIC RIGHT OF WAY
15' SEPTIC EASEMENT
20' STORM & UTILITY EASEMENT
OPEN SPACE
68,339 Sq Ft
1.57 Ac.
PB62 PG118
SUBDIVISION PLAT FOR:
BELLS CROSSING, PHASE 4
DAVIDSON TOWNSHIP
IREDELL COUNTY, NORTH CAROLINA
FINAL PLAT
EXCLUSIVELY FOR:
MERITAGE HOMES OF THE CAROLINAS INC.
11605 NORTH COMMUNITY HOUSE ROAD
CALHOUN BUILDING, SUITE 250
CHARLOTTE, NC 28277
BATEMAN CIVIL SURVEY COMPANY
ENGINEERS • SURVEYORS • PLANNERS
209 NORTH MAIN STREET, HOLLY SPRING, NC 27540
PHONE: (919) 577-1080 FAX: (919) 577-1081
INFO@BATEMANCIVILSURVEY.COM
NCBELS FIRM # C-2378
SHEET
3 OF 6
Designed By: N/A
Drawn By: JRD
Drawn By: SPC
SCALE: 1"=80'
Date: 08/11/2015
Project # 120314