RECEIVED JUN 1 2 20

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 1: *APPLICATION FORM*

Application For:

( ) Septic Improvement Permit ( ) New Well Permit (✓) Authorization to Construct ( ) Well Repair Permit ( ) Existing System Inspection ( ) Well Abandonment ( ) Septic System Repair

THE ABOVE PERMIT DOCUMENTS WILL BECOME INVALID IF INFORMATION PROVIDED ON THIS APPLICATION IS FALSIFIED OR CHANGED, OR IF THE SITE IS ALTERED. THE IMPROVEMENT PERMIT IS VALID FOR EITHER 60 MONTHS OR WITHOUT EXPIRATION DEPENDING UPON DOCUMENTATION SUBMITTED APPLICATION WITH SITE PLAN 60 MONTHS, APPLICATION WITH COMPLETE, SCALED PLAT WITHOUT EXPIRATION. SEE 15A NCAC 18A .1937(f) FOR DETAILS.

Page 2: *Site Plan Worksheet* form MUST accompany this application

The following optional attachments may also be submitted:

Place an (X) 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

Applicant Information:

Applicant Name: Meritage Homes **Address:** 11605 N Community Rd st 250 Charlotte NC 28217 **Phone:** 704 309 6577

Owner Name: _____ **Address:** _____ **Phone:** _____

Property Information:

Street Address: 155 North San Agustin Drive

Subdivision Name: Bells Crossing **Section/Phase:** 2 **Lot Number:** 86

Driving Directions: See IP App

Site Development Information: *(check or complete ALL that apply)*

(✓) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition

Maximum Number of Bedrooms: 5
Maximum Number of Occupants: 10
( ) Swimming Pool
( ) Other Addition/Structure: _____

( ) Crawl Space Foundation
( ) Concrete Slab Foundation
(✓) Basement with Plumbing
( ) Basement without Plumbing

Non-Residential Site Development:

Type of Business: _____
Square Footage of Building: _____
Maximum Number of Employee: _____
Maximum Number of Seats/Beds/Other: _____

Water Supply:

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

Desired Septic System Type: *(you may rank in order of preference)*

(✓) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other: _____

Year existing system installed: _____

Please answer the following to the best of your ability:

( ) Yes (✓) No Does the site contain any jurisdictional wetlands?
( ) Yes (✓) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (✓) No Is the site subject to approval by any other public agency?

I have read this application and certify that the information provided herein is true, complete, and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed.

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

6-12-14
DATE

IREDELL COUNTY HEALTH DEPARTMENT

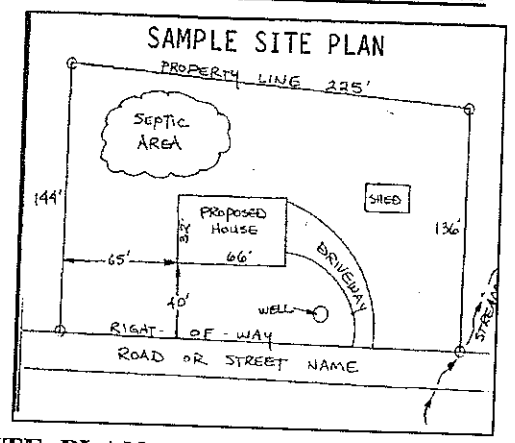
ENVIRONMENTAL HEALTH DIVISION

PAGE 2: *SITE PLAN WORKSHEET*

SEE THE "SAMPLE SITE PLAN" BELOW. *INCOMPLETE SITE PLANS WILL BE RETURNED TO YOU FOR COMPLETION AND MAY RESULT IN A DELAY IN THE ISSUANCE OF YOUR SEPTIC SYSTEM PERMIT!!!*

Place an (X) beside each item as you complete the site plan:

- (X) Property Line measurements are clearly identified
- (X) All proposed structures are indicated
- (X) Front and side setbacks from property line
- (X) Preferred driveway location and well location
- (X) Area you prefer your septic system to be placed
- (X) North arrow, or other sufficient indicator of direction



Circle N/A on the following if appropriate:

Location of septic systems and wells within 100' of your property (N/A)
Location of easements and rights of ways on your property (N/A)
Location of any designated wetlands on the property (N/A)

USE THIS SPACE TO DRAW YOUR SITE PLAN

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

See Attached

Signature: _____

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

6/2/14

DATE

LOT 26 BELLS CROSSING SUBDIVISION

5-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
LINES 19-28 TOTAL 524 LINEAR FEET
EZFLOW OR CHAMBER
LTAR 0.3
25% REDUCTION
36" TRENCH DEPTH MAX

5-BEDROOM ACCEPTED STATUS PRESSURE MANIFOLD REPAIR
LINES 3-11 TOTAL 502 LINEAR FEET
LTAR 0.3
25% REDUCTION
36" TRENCH DEPTH MAX

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

SOIL PROFILES AND ANALYSIS PROVIDED BY
CENTRAL CAROLINA SOIL CONSULTING PLLC

PRIMARY SYSTEM ————————

REPAIR SYSTEM — — — — — —

REPAIR LINES
(NOT USED) - - - - - - - - - -

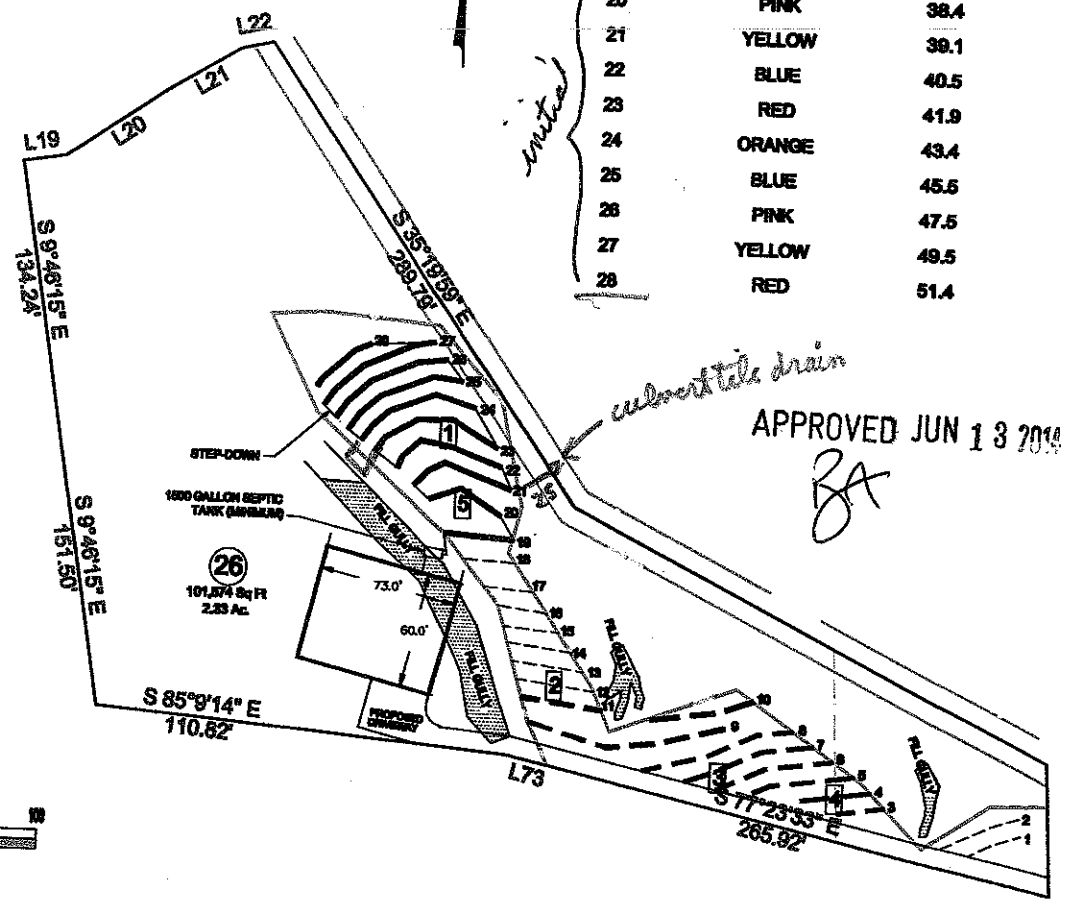
PIT OR AUGER BORING [1]

LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	BLUE	7.2	24
2	RED	7.8	20
3	PINK	11.8	24
4	YELLOW	13.3	30
5	BLUE	15.7	56
6	RED	17.7	65
7	PINK	20.2	80
8	YELLOW	23.2	94
9	BLUE	25.1	108
10	RED	27.6	23
11	RED	27.6	22
12	PINK	29.4	28
13	YELLOW	30.5	36
14	BLUE	31.7	34
15	RED	32.9	34
16	PINK	34.3	35
17	YELLOW	34.9	34
18	BLUE	36.5	34
19	RED	37.1	24 22'
20	PINK	38.4	40 42'
21	YELLOW	39.1	53 54'
22	BLUE	40.5	67 70'
23	RED	41.9	60 70'
24	ORANGE	43.4	62 62'
25	BLUE	45.5	60 62'
26	PINK	47.5	61 62'
27	YELLOW	49.5	63 62'
28	RED	51.4	34 34'

repair

initial



APPROVED JUN 13 2014
BA

0 50 100

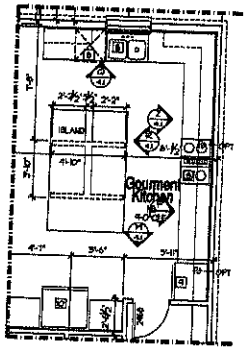
SCALE:
1" = 100 ft.

Bateman Civil Survey Company
Engineers • Surveyors • Planners
209 N. Main Street, Holly Springs, NC 27540 Ph: 919.577.1080 Fax: 919.577.1081
www.batemancivilsurvey.com info@batemancivilsurvey.com
NCBELS Firm No. C-3378

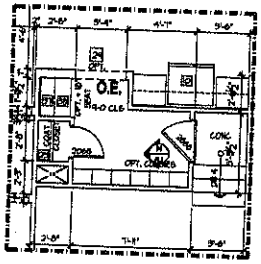
MeritageHomes

LOT 26
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

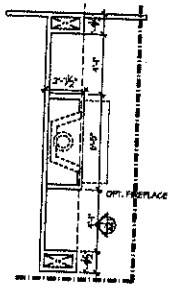
DATE: 02/06/14 DRAWN BY AH CHECKED BY: TMB



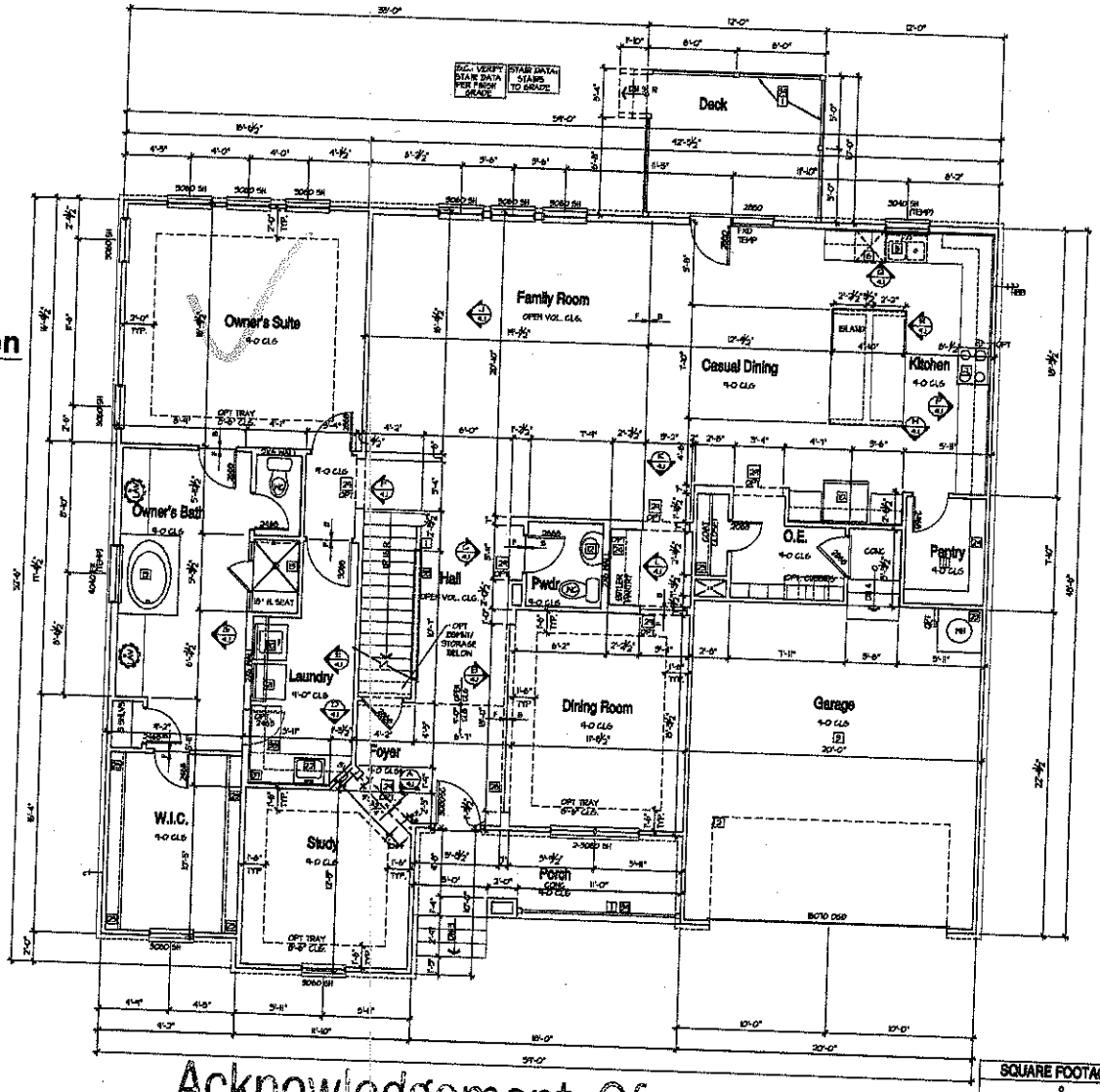
Main Floor Plan - Opt Kitchen



Main Floor Plan - Opt O.E.



Main Floor Plan - Opt Fireplace



Main Floor Plan - C

Acknowledgement Of Plans Submittal ONLY!

Date 6-12-14

Date APPROVED JUN 13 2014

FLOOR PLAN NOTES:

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 38" MAXIMUM HEIGHT A.F.F. WITH RETURNS PER LOCAL CODE. RAILING AT GUARDRAIL LOCATIONS TO BE AT 42" MINIMUM A.F.F. OPT. RAILING.
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. MICROWAVE
8. COOK TOP
9. OVEN
10. REFRIGERATOR SPACE.
11. PANTRY
12. PEDESTAL SINK
13. 42" X 42" SHOWER
14. 42" X 60" SHOWER
15. 42" X 60" TUB
16. 60" X 60" CORNER TUB
17. 60" X 60" SLIDE-IN SHOWER
18. 32" X 60" TUB/SHOWER
19. LINEN SHELVES 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 PER BUILDER SPECS.
25. ROD AND SHELF PER BUILDER SPECS.
26. ATTIC ACCESS (22"x30" U.N.O.).
27. ATTIC ACCESS W/ STAIRS (22 1/2"x54" U.N.O.).
28. GYPSUM BOARD SOFFITS @ 8'-0" AT MAIN FLOOR & 7'-0" AT UPPER FLOOR U.N.O.
29. GYPSUM BOARD ARCH @ 11'-2" TO 8'-0".
30. GYPSUM BOARD LOH WALL 80" A.F.F. (U.N.O.) W/ VENT CAP.
31. REFER TO EXTERIOR ELEVATIONS FOR HEIGHTS & ARCHITECTURAL DETAILS FOR FINISH.
32. PLANT SHELF, SEE EXTERIOR ELEVATIONS.
33. HALF WALL W/ WOOD CAP OR OPTIONAL LOH WALL WITH RAILING ABOVE.
34. PORCH RAIL, SEE ELEVATION.
35. 36"x36" CONCRETE STOOP.
36. 6x10 BEAM.
37. OPTIONAL UPPER CABINETS.
38. OPTIONAL CABINETS.
39. OPTIONAL COFFERED CEILING @ 8'-1" PER BUILDER SPECS.
40. LINE OF FRAMING ABOVE.
41. LINE OF FRAMING WALL BELOW.
42. 29"H LOH WALL 42" A.F.F.
43. 3'x5 LOH WALL 42" A.F.F.
44. ART NICHE
45. HORIZONTAL LAMINATE GRITE
46. LOH WALL 40"H A.F.F.
47. GYPSUM BOARD ARCH @ 8'-0" TO 8'-8"
48. LOH WALL 32½" A.F.F.

TYPICAL CONSTRUCTION ASSEMBLIES:

A. TYPICAL ROOF CONSTRUCTION: ASPHALT ROOF SHINGLES
B. TYPICAL FRAME FLOOR CONSTRUCTION: WOOD 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. BELOW VAPOR BARRIER PER SECTION M, C, S, G.
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" (I) HEIGHT AND 20" IN WIDTH SILL HEIGHT NOT GREATER THAN 44" ABOVE FLOOR.
C. TYPICAL WINDOW HEAD HEIGHT: 7'-0" A.F.F. @ 9'-1 1/8" PLATE HEIGHT (U.N.O.) 8'-0" A.F.F. @ 9'-1 1/8" PLATE HEIGHT (WHERE APPLICABLE)
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, RANGE 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 SHEATHING UNLESS OTHERWISE NOTED.
J. ALL ANGLED PARTITIONS ARE 45 DEGREES UNLESS OTHERWISE NOTED.
K. BRICK SOLDIER: INSTALL PER LOCAL CODE.

SQUARE FOOTAGES

MAIN FLOOR	2540
UPPER FLOOR	1421
SUBTOTAL	3961
FINISHED BASEMENT	1288
UNFINISHED BASEMENT	1070
GARAGE	415
PORCH	106
STOOP	20
OPT. EXTENDED DECK	521
OPT. SUNROOM PORCH	320
TOTAL	1366

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

ISSUE DATE: 02/13/2013

REVISIONS

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

Meritage Homes

Meritage Homes

BSB DESIGN

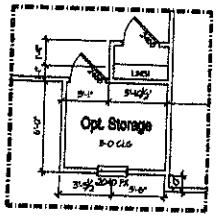
www.bsbdesign.com
5991 Western Parkway, Suite 340
West Des Moines, Iowa 50266
515 973 3180

SCALE: 1/4" | DRAWN BY: JF/JG

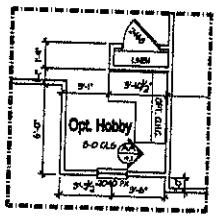
MAIN FLOOR PLAN - C

259 - 3739

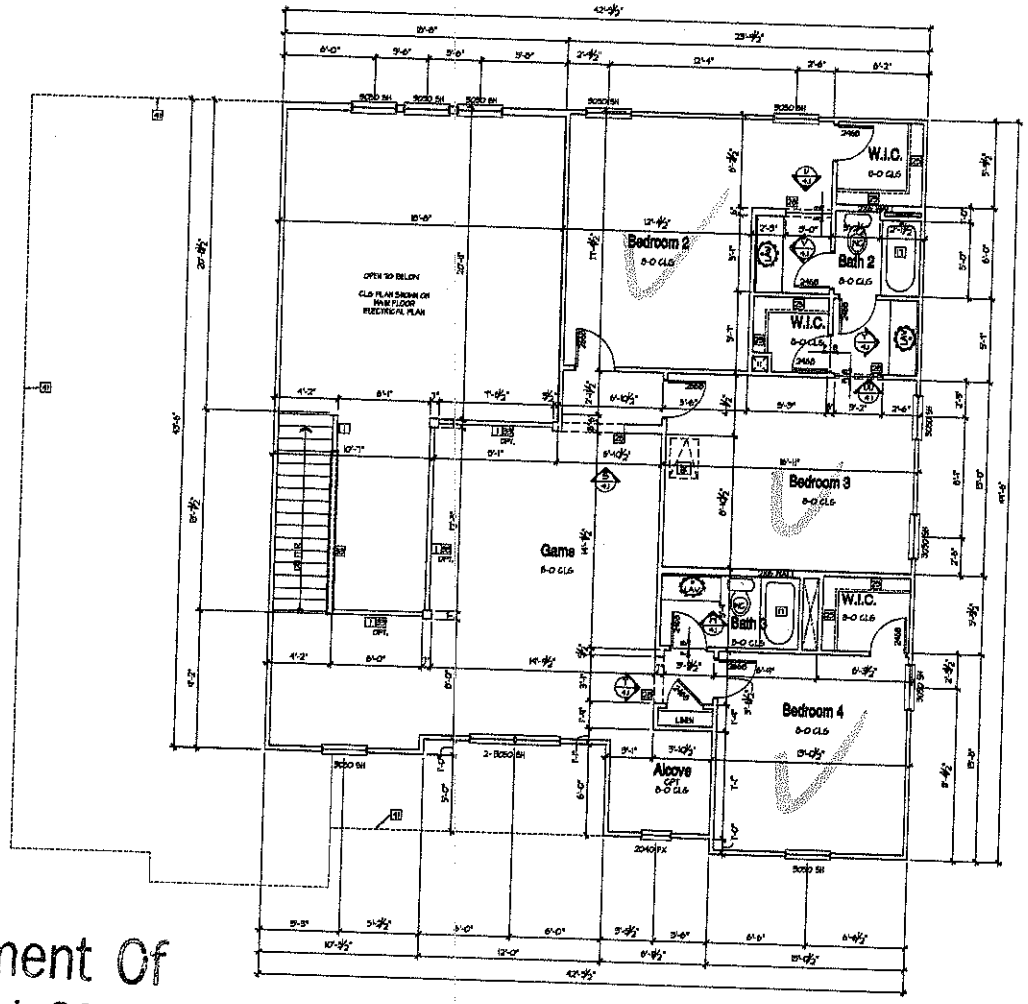
A2.1C



Opt. Storage - C



Opt. Hobby - C



Upper Floor Plan - C

Acknowledgement Of Plans Submittal ONLY!

Date 6/24/14

APPROVED JUN 13 2014

Date

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

SQUARE FOOTAGES

MAIN FLOOR	2540
UPPER FLOOR	1427
SUBTOTAL	3967
1ST FINISHED BASEMENT	1788
UNFINISHED BASEMENT	1076
GARAGE	415
PORCH	126
DECK	150
OPT EXTENDED DECK	207
OPT SCREEN PORCH	301
TOTAL	7949

FLOOR PLAN NOTES:

(SEE PLANS)

THE FOLLOWING KEYNOTES REFERENCE THE SYMBOLS AS SHOWN ON PLANS.

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39. OPTIONAL COFFERED CEILING @ 8'-0" 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. KITT ISLE
45. HORIZONTAL LAUNDRY CHUTE
46. LOW WALL 4'-0" A.F.F.
47. GYPSUM BOARD ARCH @ 9'-0" TO 8'-6"
48. LOW WALL 5'-3" 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.

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4" CONCRETE SLAB, EXCEPT AS SPECIFIED BY SOIL REPORT, AND STRUCTURAL ENGINEER. INCLUDE VAPOR BARRIER PER SECTION M, C, 5, a.

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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 ABUTTING PARTITIONS ARE 45 DEGREES UNLESS OTHERWISE NOTED.

K. BRICK MOLDS:
INSTALL PER LOCAL CODE.

ISSUE DATE: 02/13/2013
REVISIONS

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

Meritage Homes

Meritage Homes

BSB DESIGN
www.bsbdesign.com
8601 Western Parkway, Suite 240
West Des Moines, Iowa 50266
515.273.3801

JOB NO. 02112208 SCALE: 1/4"=1'-0"
DRAWN BY: MH CHECKED BY: JP

UPPER FLOOR PLAN - C

259 - 3739

A2.2C

Paid $350.00 Statesville 2-27-14

IREDELL COUNTY HEALTH DEPARTMENT

ENVIRONMENTAL HEALTH DIVISION

PAGE 1: *APPLICATION FORM*

Application For:
(✓) Septic Improvement Permit ( ) New Well Permit ( ) Authorization to Construct ( ) Well Repair Permit ( ) Existing System Inspection ( ) Well Abandonment ( ) Septic System Repair

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( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information:

Applicant Name: Mortage Homes **Address:** 1625 N Community Ln ste 250 Charlotte NC 28277 **Phone:** 7043096577

Owner Name: " **Address:** " **Phone:**

Property Information:

Street Address: 155 San Agustino Dr. N

Subdivision Name: Bells Crossing **Section/Phase:** 2 **Lot Number:** 96

Driving Directions: 150 W - R onto Peeth Rd - L into Bells Crossing - R onto San Agustino Dr. 5th lot on Left

Site Development Information: *(check or complete ALL that apply)*

(✓) New Single Family Residence
( ) New Multi-Family Residence
( ) Accessory Building
( ) Bedroom(s) Addition

Maximum Number of Bedrooms: 5
Maximum Number of Occupants: 10
( ) Swimming Pool
( ) Other Addition/Structure:

( ) Crawl Space Foundation
( ) Concrete Slab Foundation
( ) Basement with Plumbing
(✓) Basement without Plumbing

Non-Residential Site Development:
Type of Business:
Square Footage of Building:
Maximum Number of Employee:
Maximum Number of Seats/Beds/Other:

Water Supply:

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

Desired Septic System Type: *(you may rank in order of preference)* **Year existing system installed:**
(✓) No Preference ( ) Alternative ( ) Conventional ( ) Innovative ( ) Modified Conventional ( ) Other:

Please answer the following to the best of your ability:
( ) Yes (✓) No Does the site contain any jurisdictional wetlands?
( ) Yes (✓) No Is any non-domestic sewage (i.e. industrial) to be generated?
( ) Yes (✓) No Is the site subject to approval by any other public agency?

I have read this application and certify that the information provided herein is true, complete, and correct. Authorized county and state officials are granted right of entry to conduct necessary inspections to determine compliance with applicable laws and rules. I understand that I am solely responsible for the proper identification and labeling of all property lines and corners and making the site accessible so that a complete site evaluation can be performed.

Signature: [signature]
Property owner or owner's legal representative signature (SIGNATURE REQUIRED)

2-27-14
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:

- ____ 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

Signature: _____ 2-27-14

REQUIRED property owner or owner's legal representative signature. **DATE**

USE THIS SPACE TO DRAW YOUR SITE PLAN

See Attached

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

Zoning Permit

Permit Number: 181573ZO

Printed: 10/22/2013

Master #: 181573

Associated Permits:
181573ZO Zoning

Applicant

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

Parcel

Parcel Number: 4639955462.026
Address: 155 SAN AGUSTIN Dr. N.
MOORESVILLE, NC 28117
Subdivision: Bells Crossing
Zoning: RA
Township: 1700
Area:
Lot(s): 26
Directions to Parcel: i77 to exit 42, left off ramp, left us21, left flower house lp, right carlyle rd, right fern hill rd, left perth, right bells crossing dr, right n san agustin dr,

Owners

Name: Meritage Homes of NC, INC
Address: 7761 Ballantyne Commons Parkway Suite 1(
Charlotte, NC 28277
Phone: 704-944-8900
Fax: 704-944-8910

Contractors

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

Fees and Receipts:

Number	Description	Amount
FEE-299638-07	Zoning - Permit Application	$75.00
FEE-299639-07	Technology Fee - Planning	$2.25
FEE-299886-07	Environmental Health - Gravity - Fast Track	$350.00

Sheet: 1
Property ID:
Lot #: 26
File #:
AppID:

CCSC SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Meritage Homes
Address: 11605 North Community House Rd, Charlotte NC 28277
Proposed Facility: Single Family Design Flow (.1949) 1000
Location of Site: Bells Cross Lot 26
Water Supply: [X] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [X] Pit [ ] Cut
Type of Wastewater: [ ] Sewage [ ] Industrial Process [ ] Mixed

Applicant: Same
Date Evaluated: 10/30/13
Property Size: 2.33 AC
Property Recorded: 2013

PROFILE #	1940 Landscape Position/ Slope%	Horizon	Depth (IN)	SOIL MORPHOLOGY 1941 1941 Structure/ Texture	1941 Consistence Mineralogy	PROFILE FACTORS 1942 Soil Wetness/ Color	1943 Soil Depth (IN)	1956 Suprs Class	1944 Restr Horiz	Profile Class & LTAR
1	Nose 10%	A	0-2	GR SL	VFR NS NP	10YR 6/3				
		BT	2-46	SBK Clay	FI SP SS	2.5YR 4/6				PS 0.3
2		A	0-2	GR SL	VFR NS NP	10YR 6/3				
		BT	2-19	SBK clay	FI SP SS	2.5YR 4/6				
		BT2	19-39	SBK SCL	FI SP SS	2.5YR 4/8				PS 0.3
		C	39-51	SG SL	FR NS NP	2.5YR 5/8				PS 0.35 S 0.4
3		A	0-2	GR SL	VFR NS NP	10YR 6/3	0-22	F.'11		
		BT1	2-30	SBK SCL	FI SS SP	5YR 5/6				PS 0.35
		BT2	30-60	SBK clay	FI SS SP	2.5YR 4/8				PS 0.3
4		A	0-2	GR SL	VFR NS NP	10YR 6/3				
		BT	2-28	SBK clay	FI SS SP	2.5YR 4/8				PS 0.3
		BC	28-45	W SBK SCL	FI SS SP	5% 7.5YR 6/8 2.5YR 4/8				
						5% 7.5YR 6/8				PS 0.3

Description	Initial System	Repair System
Available Space (.1945)	yes	yes
System Type(s)	Accepted	Accepted
Site LTAR	0.3	0.3

Other Factors (.1946):
Soil Evaluation By: J Hall
Others Present: M. Bu
Site Classification (.1948):
Site Evaluation By: Same
Others Present:

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

APPROVED MAR 24 2014
ICHD APP

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

CCSC SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Meritage Homes
Address: North Community House Road, Charlotte, NC
Applicant:
Proposed Facility: 5-Bedroom Design Flow (.1949) 600 gal/day
Date Evaluated: 2/26/2014
Location of Site: Bells Crossing Lot 26
Property Size:
Water Supply: [X] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Property Recorded:
Evaluation Method: [X] Auger Boring [X] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

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 Suprg Class	.1944 Restr Horiz	Profile Class & LTAR
5	Nose Slope	A, 0-6	GR, SL	VFR, NS, NP	7.5 YR 4/6				
Auger	8%	Bt1, 6-40	SBK, Clay	FI, SS, SP	2.5 YR 4/8	PS			PS, 0.3
		Bt2, 40-44	SBK, Clay	FI, SS, SP	2.5 YR 4/8	PS			PS, 0.3
					7.5 YR 6/8, 5%				

LICENSED SOIL SCIENTIST JASON M. HALL 1248 STATE OF NORTH CAROLINA

Description	Initial System	Repair System
Available Space (.1945)	Yes	Yes
System Type(s)	Accepted	Accepted
Site LTAR	0.3	0.3

Other Factors (.1946):
Soil Evaluation By: Matt Burdette
Others Present:
Site Classification (.1948): PS
Site Evaluation By: Overall, Jason Hall, Matt Burdette
Others Present: