RECEIVED SEP 2 9 2014

In House Redraw

IREDELL COUNTY HEALTH DEPARTMENT

Paid $75.00 Ltd Relayout #152574

ENVIRONMENTAL HEALTH DIVISION

PAGE 1: *APPLICATION FORM*

Application For:

( ) New Well Permit ( ) Well Repair Permit ( ) Well Abandonment

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

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

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

The following optional attachments may also be submitted: ( ) Survey Plat, scaled no more than 1 inch = 60 feet

Place an (X) beside whichever is submitted if applicable ( ) Custom Site Plan, scaled no more than 1 inch = 60 feet

Applicant Information:

Applicant Name: Meritage Homes **Address:** 11605 N Community Rd St 250 Charlotte NC 28217 **Phone:** 7043076577

Owner Name: // **Address:** // **Phone:** 7046588616

Property Information:

Street Address: 112 S San Agustine Dr

Subdivision Name: Bells Crossing **Section/Phase:** 1 **Lot Number:** 105

Driving Directions:

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] 9-29-14

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

IREDELL COUNTY HEALTH DEPARTMENT

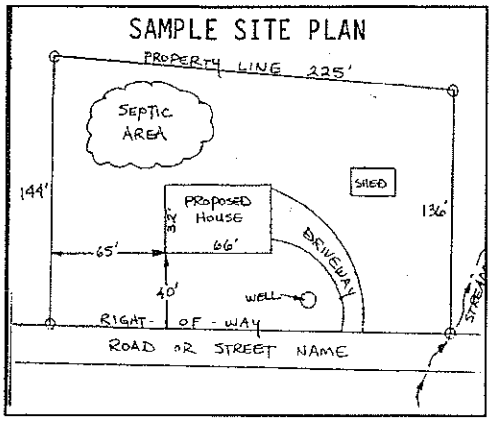
ENVIRONMENTAL HEALTH DIVISION

PAGE 2: *SITE PLAN WORKSHEET*

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

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

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



Circle N/A on the following if appropriate:

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

USE THIS SPACE TO DRAW YOUR SITE PLAN

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

See Attached

Signature: _____ _____

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

9-29-14

DATE

LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	BLUE	1.0	125
2	RED	1.7	40
3	PINK	2.6	136
4	ORANGE	3.7	140
5	PINK	5.9	131
6	BLUE	7.7	136
7	PINK	9.5	126
8	ORANGE	11.4	120
9	RED	12.7	124
10	PINK	13.8	65
11	BLUE	15.5	29

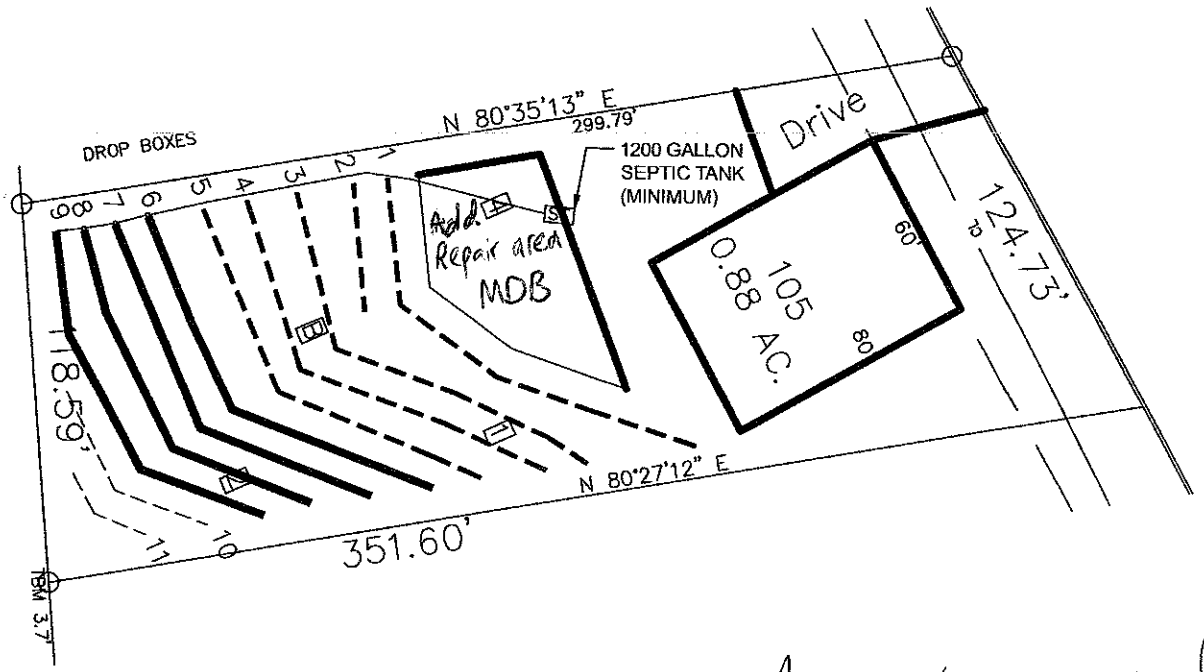
LOT 105 BELLS CROSSING SUBDIVISION

5-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
LINES 6-9 TOTAL 508 LINEAR FEET
EZFLOW OR CHAMBER
LTAR 0.3
25% REDUCTION
36" TRENCH DEPTH MAX

5-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
REPAIR
LINES 1-5 542 TOTAL 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



Approved 10-1-14
ALP

PRIMARY SYSTEM

REPAIR SYSTEM

REPAIR LINES
(NOT USED)

PIT OR AUGER BORING [1]

0 30 60

SCALE:
1" = 60 f t

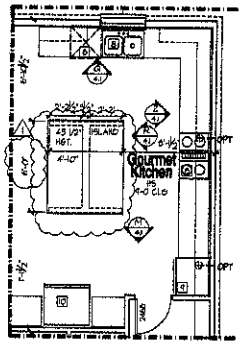
Bateman Civil Survey Company
Engineers • Surveyors • Planners
200 N. Main Street, Holly Springs, NC 27540 Ph: 919.577.1080 Fax: 919.577.1081
www.batemancivilsurvey.com info@batemancivilsurvey.com
NCBELS Firm No. C-2378

MeritageHomes

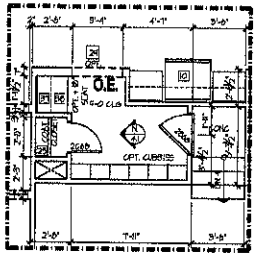
LOT 105
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE: 9/29/14 DRAWN BY AH CHECKED BY: TMB

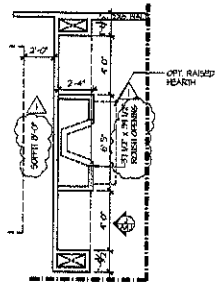
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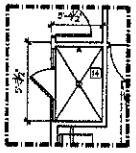
Main Floor Plan - Opt Kitchen



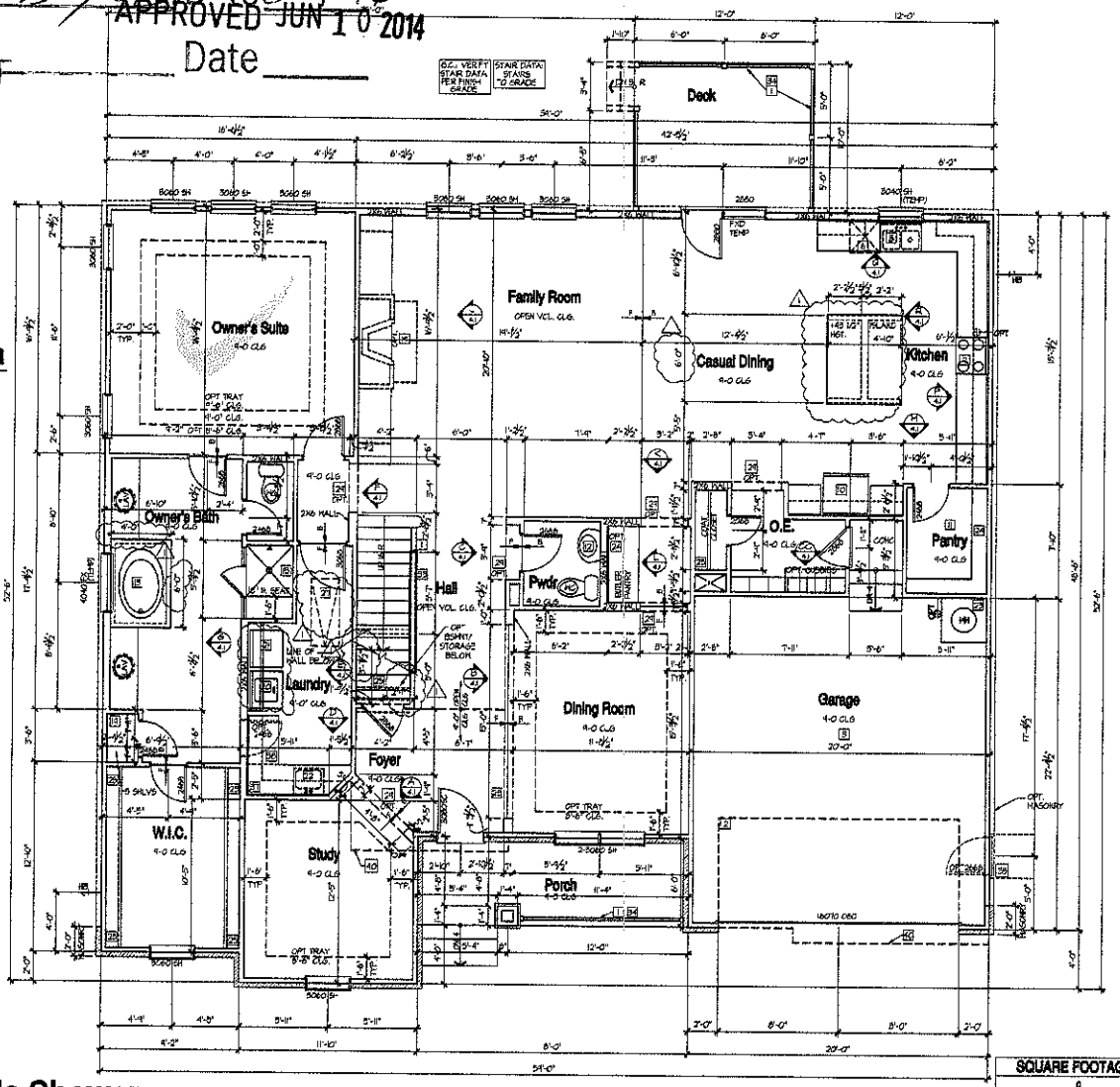
Main Floor Plan - Opt O.E.



Main Floor Plan
Opt Fireplace



Opt. Owner's Shower
Main Floor Plan



Main Floor Plan - C

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

SQUARE FOOTAGES

MAIN FLOOR	2840
UPPER FLOOR	427
SUBTOTAL	3267
FINISHED BASEMENT	1288
UNFINISHED BASEMENT	1076
GARAGE	478
PORCH	108
DECK	120
OPT EXTENDED DECK	307
OPT SCREEN PORCH	307
TOTAL	7146

FLOOR PLAN NOTES:

BOTH F.2014

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. 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. FIBERGLASS SINK
13. 42" X 42" SHOWER
14. 42" X 60" WHIRLPOOL
15. 42" X 60" TUB 22" TO TOP OF DECKING
16. LINEN CLOSET (SHELVING PER BUILDER SPECS.)
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 6" ABOVE GARAGE FLOOR FOR WATER HEATER.
24. 5 SHELVES PER BUILDER SPECS.
25. ~~LOW VOLTAGE DOORBELL~~ ~~SPEAKER~~
26. ATTIC ACCESS R21 (25 1/2"x54 1/2" R.O.)
27. ATTIC ACCESS W/ STAIRS (25 1/2"x54 1/2" R.O.)
28. GYPSUM BOARD DEMISING @ 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 LOH WALL 36" A.F.F. (U.N.O.) W/ HDR CAP.
31. SOFFIT, REFER TO EXTERIOR ELEVATIONS FOR HEIGHTS & ARCHITECTURAL DETAILS FOR TRIM.
32. PLANT SHELF, SEE EXTERIOR ELEVATIONS.
33. HALF WALL W/ HDOD CAP OR OPTIONAL LOH WALL W/44 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 LOH WALL 42" A.F.F.
43. 2X6 LOH WALL 42" A.F.F.
44. ART NICHE
45. HORIZONTAL LAUNDRY CHUTE
46. LOH WALL -24" A.F.F.
47. GYPSUM BOARD ARCH @ 0'-0" TO 8'-6"
48. LOH WALL 32½" A.F.F.
49. NO HARD LATCH OR LOCKING KNOB

TYPICAL CONSTRUCTION ASSEMBLIES:

A. TYPICAL ROOF CONSTRUCTION: ASPHALT ROOF SHINGLES
B. TYPICAL FRAMED 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, G, 3, a
D. WINDOWS:
A. ALL WINDOWS SHALL COMPLY WITH MINIMUM STANDARDS OUTLINED IN APPLICABLE REG. CHECKS.
B. WINDOW SUPPLIER TO VERIFY AT LEAST ONE WINDOW IN ALL BEDROOMS TO HAVE A CLEAR EGRESS OPENING OF 5.7 SQ. F., WITH MIN. DIMENSION OF 24" H HEIGHT AND 20" H 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.) 0'-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. VENT: PROVIDE BACK DRAFT DAMPERS @ DRYER VENT, HOOD VENT, & EXHAUST FANS.
G. STONE SIDING: INSTALL PER LOCAL CODE.
H. BRICK SIDING: INSTALL PER LOCAL CODE.
I. DIMENSIONS ARE TO THE FACE OF STUD, U.N.O.
J. ALL EXTERIOR DIMENSIONS ARE TO FACE OF STUDS UNLESS OTHERWISE NOTED.
K. ALL ANGLED PARTITIONS ARE 45 DEGREES UNLESS OTHERWISE NOTED
L. ALL INTERIOR DIMENSIONS ARE TO FACE OF STUDS UNLESS OTHERWISE NOTED.

ISSUE DATE: 01/17/2014
REVISIONS

5400 Trinity Road
Suite 107
Raleigh,
North Carolina 27607
919-322-2995 Phone

Meritage Homes

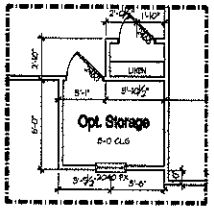
Meritage Homes

BSB DESIGN
www.bsbdesign.com
950 • Wilkinson Parkway, Suite 240
West Des Moines, Iowa 50266
515 223 3100

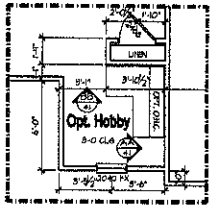
JOB NO. 09.10.038 DRAWN BY JT
SCALE CHECKED BY JG
MAIN FLOOR PLAN - C

259 - 3740
A2.1C

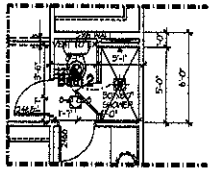
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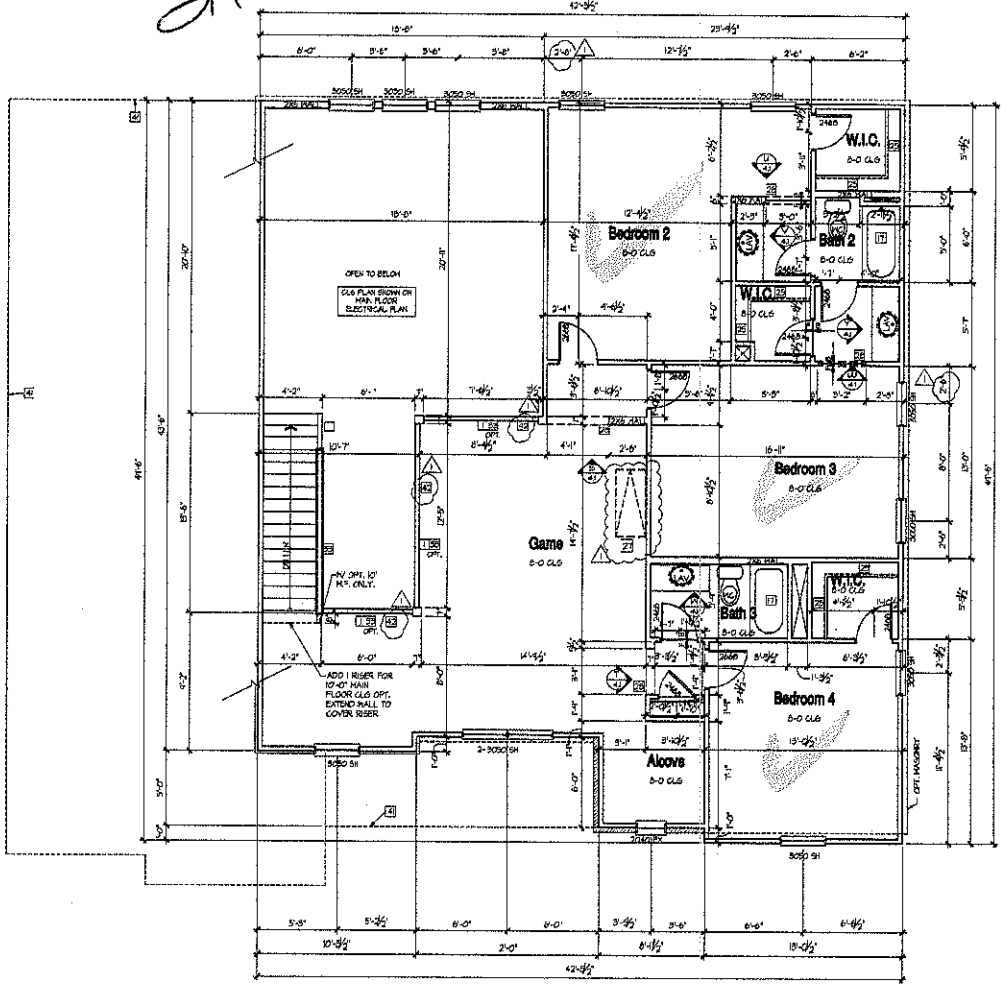
Opt. Storage - C



Opt. Hobby - C



Opt. Shower - Bath 2



Upper Floor Plan - C

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

SQUARE FOOTAGES	
MAIN FLOOR	2340
UPPER FLOOR	1421
SUBTOTAL	3761
FINISHED BASEMENT	1298
UNFINISHED BASEMENT	1073
GARAGE	476
PORCH	106
STEPS	120
OPT. EXTENDED DECK	507
OPT. SCREEN PORCH	907
TOTAL	7148

FLOOR PLAN NOTES:

NOTE / KEY

* 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.
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3. SLOPE GARAGE FLOOR 1/8" PER FOOT TOWARD OVERHEAD GARAGE DOOR OPENING.
4. FIREPLACE, AS SPECIFIED BY BUILDER. INSTALL PER MANUFACTURER'S 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. RECESSED SINK.
13. 42" X 42" SHOWER
14. 48" X 42" SHOWER
15. 42" X 60" TUB 24" TO TOP OF DECKING
16. 60" X 60" CORNER TUB
17. 30" X 60" TUB/SHOWER
18. 32" X 60" TUB/SHOWER
19. LINEN CLOSET (NO 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 PER BUILDER SPECS.
25. LINEN AND LINEN PER BUILDER SPECS.
26. ATTIC ACCESS (22 1/2"x54" (U.N.O.)
27. ATTIC ACCESS W/ STAIRS (25 1/2"x54 1/2")
28. GYPSUM BOARD SOFFITS @ 8'-0" AT MAIN FLOOR & 10'-0" AT UPPER FLOOR (U.N.O.)
29. GYPSUM BOARD ARCH @ 7'-2" TO 8'-0".
30. GYPSUM BOARD LOW WALL 36" A.F.F. (U.N.O.) W/ 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 W/ 42" 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 LOW WALL 42" A.F.F.
43. 2X6 LOW WALL 42" A.F.F.
44. ART NICHE
45. HORIZONTAL LAUNDRY CHUTE
46. LOW WALL 24" A.F.F.
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48. LOW WALL 32" 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" T&G OR S GROOVE FLOOR SHEATHING ON FLOOR TRUSSES OR FLOOR JOISTS AS NOTED ON STRUCTURAL DRAWINGS.

C. SLAB ON GRADE FLOOR CONSTRUCTION:
4" CONCRETE SLAB, PLACED AS SPECIFIED BY SOIL REPORT, AND STRUCTURAL ENGINEER. INCLUDE VAPOR BARRIER PER SECTION IV, C, 5, 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. F., 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. BRICK 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.

J. ALL ANGLED PARTITIONS ARE 45 DEGREES UNLESS OTHERWISE NOTED

N. BRICK SIDING:
INSTALL PER LOCAL CODE.

ISSUE DATE: 01/17/2014
REVISIONS

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

Meritage Homes

Meritage Homes

BSB DESIGN
www.bsbdesign.com
6901 Westown Parkway, Suite 240
West Des Moines, Iowa 50266
515 273 3929

JOB NO. 02112028 | PROJ MGR.
DRAWN | CHECKED
UPPER FLOOR PLAN - C

259 - 3740
A2.2C

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

Zoning Permit

Permit Number: 152574ZO

Printed: 10/4/2013

Master #: 152574

Associated Permits:
152574ZO Zoning

Applicant

Name: Rollans Soil & Environmental Services **Phone:** 704-658-1723
Address: 470 NORTH BROAD STREET SUITE D
MOORESVILLE, NC 28115

Parcel

Parcel Number: 4649040257.000 **Zoning:** RA
Address: 112 SAN AGUSTIN DR S. **Township:** 1700
MOORESVILLE, NC 28117 **Area:** 0.9
Subdivision: Bells Crossing **Lot(s):** 105
Directions to Parcel: PERTH RD, RT ON BELLS CROSSING, LFT ON S. SAN AGUSTIN, LOT ON RT

Owners

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

Not Meritage - Need to pay Fee per Brady

Contractors

Contractor Type: Enviromental Services
Name: Rollans Soil & Environmental Services **Phone:** 704-658-1723
Address: PO BOX 832
MOORESVILLE, NC 28115

Fast Track Fee paid 8/29/08 $335.00

Fees and Receipts:

Number	Description	Amount
FEE-179343-07	Zoning - Permit / Inspection	~~$55.00~~
FEE-179344-07	Environmental Health - Type I or II Fast Track	~~$335.00~~
FEE-298613-07	Zoning - Permit Application	$75.00
FEE-298615-07	Technology Fee - Planning	$2.25

Per Debbie W. 1-6-14

14 7/7.25