Over payment applied to this permit of $1,000 $850 applied

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:

Meritage Homes of the Carolinas, Inc	7761 Ballantyne Commons Pkwy Ste. 103 Charlotte, NC 28277		704-351-5405
Applicant Name	**Mailing Address**	**Home Phone #**	**Alternate Phone #**
Meritage Homes of the Carolinas, Inc	same		
Owner Name	**Mailing Address**	**Home Phone #**	**Alternate Phone #**

4. Property Information:

141 Belfry Loop	Bells Crossing	Lot 93
Street Address	**Subdivision Name**	**Section/Phase and Lot Number**

Driving Directions: 150 W - Right on Perth Road - Left into Bells Crossing
lot xxx on left after club house

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
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: _____ 8-8-19
Property owner or owner's legal representative signature (SIGNATURE REQUIRED) 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…**

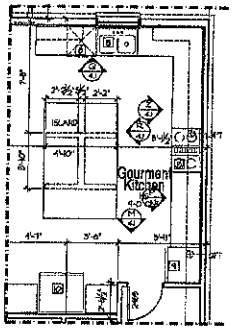
Circle N/A on the following if appropriate:

- 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**

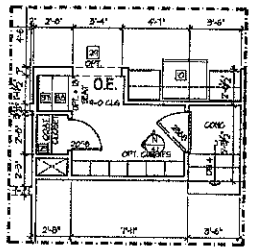
Signature: _____
REQUIRED **property owner or owner's legal representative signature.**

8-8-13
DATE

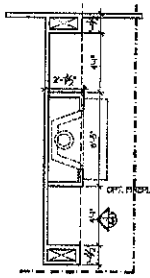
USE THIS SPACE TO DRAW YOUR SITE PLAN



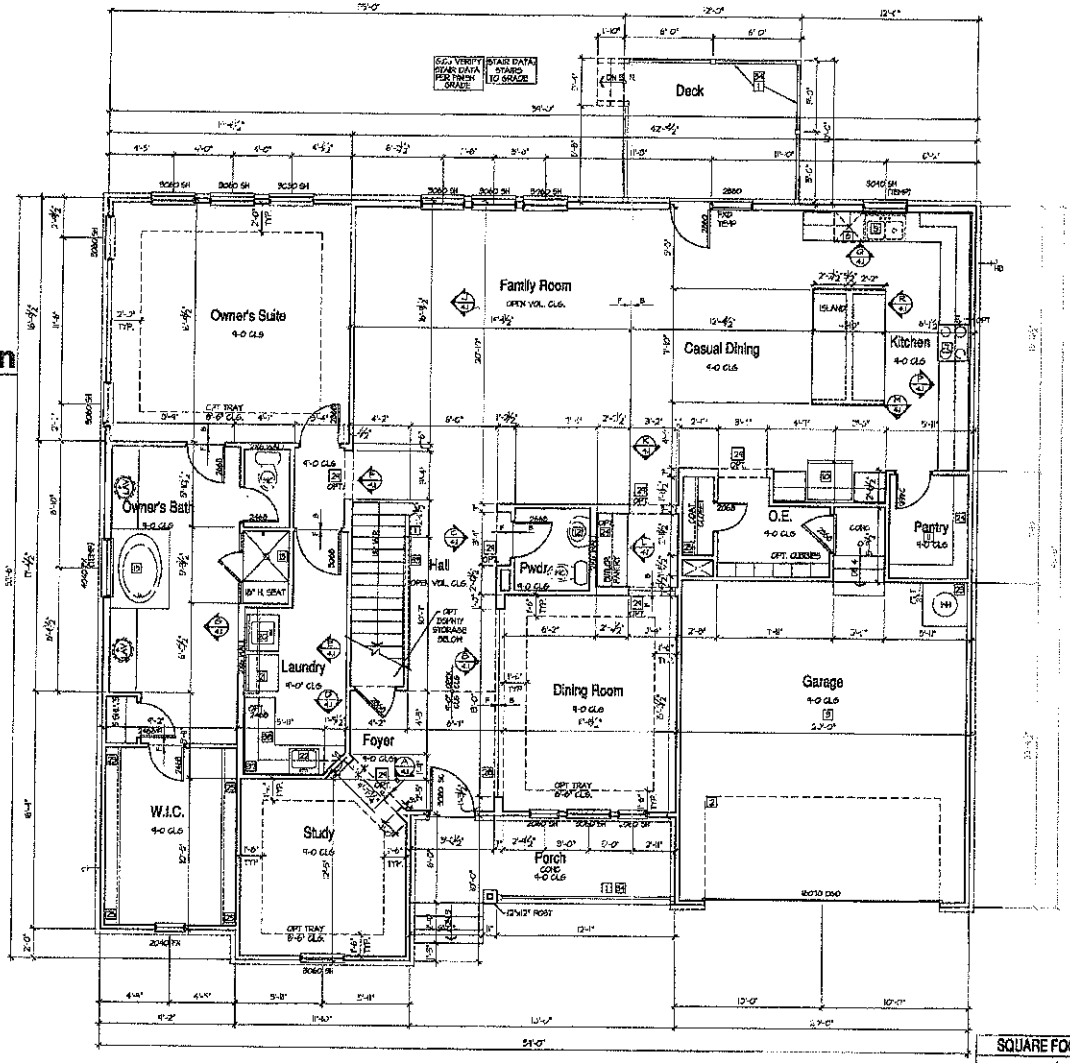
Main Floor Plan - Opt Kitchen



Main Floor Plan - Opt O.E.



Main Floor Plan - Opt Fireplace



Main Floor Plan - A

FLOOR PLAN NOTES:

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

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

1. 1F RAILING / GUARDRAIL IS PROVIDED, ALL RAILING / GUARDRAIL BALUSTERS TO BE SPACED SUCH THAT A 4" SPHERE CANNOT PASS THROUGH 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, TS 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. 42" X 42" SHOWER
14. 42" X 60" SHOWER
15. 42" X 60" TUB
16. 60" X 60" CORNER TUB
17. 36" X 60" THERAPHONER
18. 32" X 60" THERAPHONER
19. LINEN CABINETS 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. 1X12 AND SHELF PER BUILDER SPECS.
26. ATTIC ACCESS (22"x30" R.A.O.)
27. ATTIC ACCESS W/ STAIRS (22 1/2"x54" U.N.O.)
28. GYPSUM BOARD OPENING @ 8'-0" AT HALL FLOOR & 7'-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/ HDR CAP.
31. SOFFIT, REFER TO EXTERIOR ELEVATIONS FOR HEIGHTS & ARCHITECTURAL DETAILS FOR TYPES.
32. PLANT SHELF, SEE EXTERIOR ELEVATIONS.
33. HALF WALL W/ HOOD CAP OR OPTIONAL LOW WALL WITH RAILING ABOVE.
34. PORCH RAIL, SEE ELEVATION.
35. 36"x36" CONCRETE STOOP.
36. BAR SEATS
37. OPTIONAL UPPER CABINETS.
38. OPTIONAL CABINETS.
39. OPTIONAL COFFERED CEILING @ 8'-0" PER BUILDER SPEC.
40. LINE OF FRAMING ABOVE.
41. LINE OF FRAMING BELOW.
42. 2/4 LOW WALL 42" A.F.F.
43. 2/6 LOW WALL 42" A.F.F.
44. ART NICHE
45. HORIZONTAL LAUNDRY CHUTE
46. LOW WALL 40" A.F.F.
47. GYPSUM BOARD ARCH @ 7'-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 OR FLOOR TRUSSES ON 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, 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. 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 1/2" PLATE HEIGHT (U.N.O.) 6'-8" A.F.F. @ 8'-1 1/2" 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 SILLING.
INSTALL PER LOCAL CODE.

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

I. ALL EXTERIOR DIMENSIONS ARE TO FACE OF BRICK OR STUD OTHERWISE NOTED.

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

N. BRICK SOLDIER.
INSTALL PER LOCAL CODE.

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

SQUARE FOOTAGES

A	
MAIN FLOOR	2440
2ND FLOOR	1427
BONUS	2787
FINISHED BASEMENT	1288
UNFINISHED BASEMENT	1070
GARAGE	478
PORCH	100
DECK	120
OPT EXTENDED DECK	307
OPT SCREEN PORCH	307
TOTAL	1149

Acknowledgement of Plans Submittal ONLY!

_____ Date 8/30/13

_____ Date _____

ISSUE DATE: 08/13/2013
REVISIONS

5400 Trinity Road
Suite 107
Raleigh,
North Carolina 27607
919-322-2288 Phone

Meritage Homes

Meritage Homes

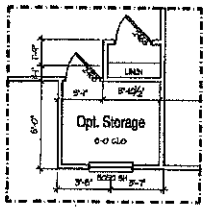
BSB DESIGN
www.bsbdesign.com
4901 Westown Parkway, Suite 2 & West Des Moines, IA 50266
515.223.3020

JOB NO: 05317025 PROGRAM: 37
DRAWN BY: NW CHECKED BY: JR

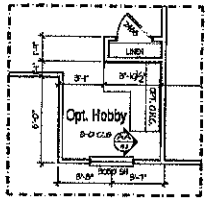
MAIN FLOOR PLAN - A

259 - 3739

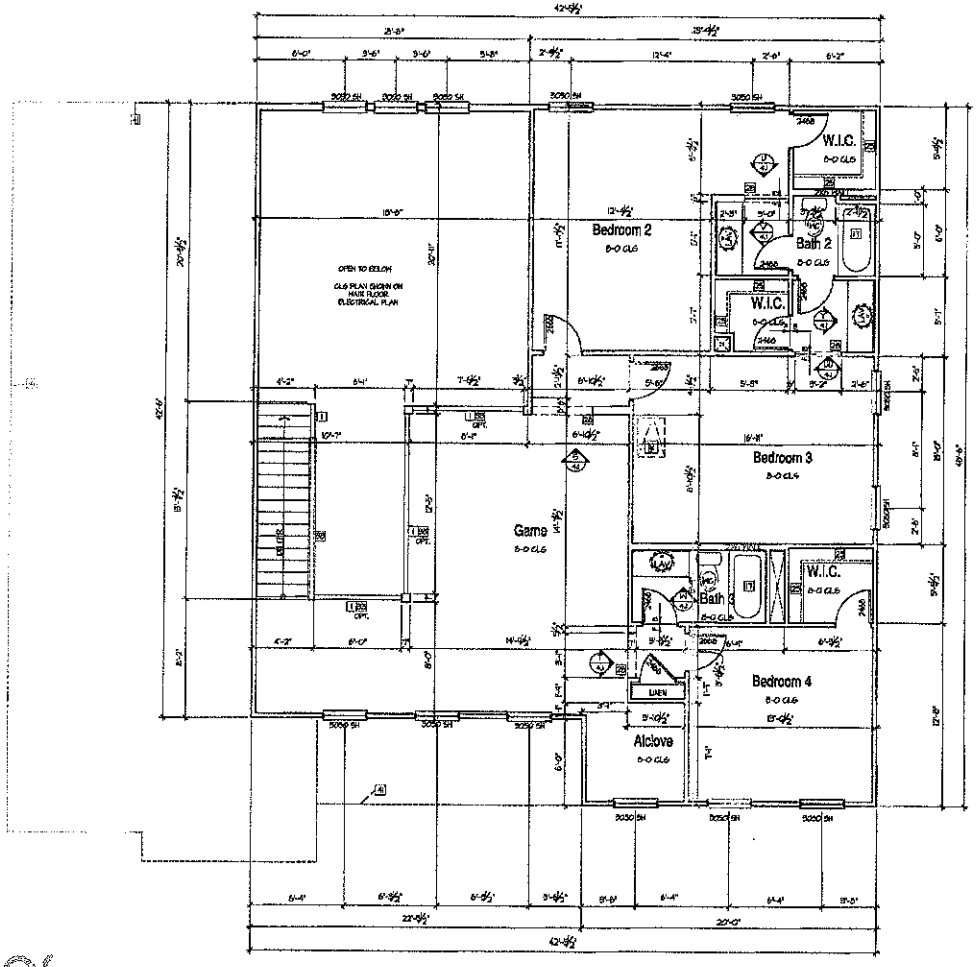
A2.1A



Opt. Storage - A



Opt. Hobby - A



73 Upper Floor Plan - A

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

SQUARE FOOTAGES	A
MAIN FLOOR	2520
UPPER FLOOR	1427
SUBTOTAL	3947
FINISHED BASEMENT	1298
UNFINISHED BASEMENT	1079
GARAGE	476
PORCH	105
DECK	150
EXT. EXTENDED DECK	207
OPT SCREEN PORCH	207
TOTAL	7469

FLOOR PLAN NOTES:

KEYED 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. RAILINGS/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. OFF. 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. RANGE
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. 30" X 60" TUB/SHOWER
18. 30" X 60" TUB/SHOWER
19. LOAD BEARING PER BUILDER SPEC(S)
20. W/ SHELF 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"x22" R.O.).
27. ATTIC ACCESS W/ STAIRS (22"x54" R.O.).
28. GYPSUM BOARD OPENING @ 8'-0" AT MAIN FLOOR (1'-0" AT UPPER FLOOR R.O.).
29. GYPSUM BOARD ARCH @ 1'-2" TO 8'-0".
30. GYPSUM BOARD LOW WALL, 36" A.F.F. (TYP.) W/ CAP.
31. SOFFIT, REFER TO EXTERIOR ELEVATIONS FOR HEIGHTS & ARCHITECTURAL DETAILS FOR FINISH.
32. FLAT SHELF, SEE EXTERIOR ELEVATIONS.
33. HALF WALL W/ WOOD CAP OR OPTIONAL LOW WALL WITH RAILING ABOVE.
34. PORCH RAIL, SEE ELEVATION.
35. 30"x30" CONCRETE STOOP.
36. 6x8 BEAM.
37. OPTIONAL UPPER CABINETS.
38. OPTIONAL CABINETS.
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. ART NICHE
45. HORIZONTAL LAUNDRY CHUTE
46. LOW WALL 40" A.F.F.
47. GYPSUM BOARD ARCH @ 8'-0" TO 8'-6"
48. LOW WALL 30½" A.F.F.

TYPICAL CONSTRUCTION ASSEMBLIES:

A. TYPICAL ROOF CONSTRUCTION.
ASPHALT ROOF SHINGLES

B. TYPICAL FRAME FLOOR CONSTRUCTION.
MAIN FLOORING OR SUB FLOORING OR 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 1, 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. FT. WITH MIN. DIMENSION OF 24" (A HEIGHT AND 20" IN WIDTH, SILL HEIGHT NOT GREATER THAN 44" ABOVE FLOOR.
C. TYPICAL WINDOW HEAD HEIGHT:
7'-0" AFF = 8'-1 1/8" PLATE HEIGHT (UNO.)
8'-0" AFF = 9'-1 1/8" PLATE HEIGHT (UNO.)

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

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

G. STAIR RISERS.
REST. TO LOCAL CODE.

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

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

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

K. EGRESS WINDOWS.
INSTALL PER LOCAL CODE.

Acknowledgement Of Plans Submittal ONLY!

Date 8/30/13

Date

ISSUE DATE: 05/13/2013

REVISIONS

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

Heritage Homes

BSB DESIGN

JOB NO. 05213025 PROJ. MGR. JC
DRAWN BY: TMY CHECKED BY: JC

UPPER FLOOR PLAN - A

259 - 3739

A2.2A

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

Zoning Permit

Permit Number: 152561ZO

Printed: 7/22/2013

Master #: 152561

Associated Permits:

152561ZO Zoning

Applicant

Name: Meritage Homes of North Carolina, Inc. **Phone:**

Address: 7761 Ballantyne Commons Pkwy ste 103
Charlotte, NC 28277

Parcel

Parcel Number: 4639837961.000 **Zoning:** RA

Address: 141 BELFRY LOOP **Township:** 1700
MOORESVILLE, NC 28117 **Area:** 0.96

Subdivision: Bells Crossing **Lot(s):** 93

Directions to Parcel: PERTH RD, RT ON BELLS CROSSING, LFT ON BELFRY, LOT ON LFT

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

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-179290-07	Zoning - Permit / Inspection	$55.00
FEE-179291-07	Environmental Health - Type I or II Fast Track	$335.00
FEE-291417-07	Zoning - Permit Application	$75.00
FEE-291418-07	Technology Fee - Planning	$2.25

Bells Crossing S/D Lot 93
Layout/Design Specifications

Facility Type:	Single Family Home	
# of Bedrooms:	4	
Daily Flow:	480	**gal/day**
L.T.A.R.:	0.35	**gal/day/sq.ft**
Trench Depth:	24	**in**
Trench Width:	36	**in**
Stone Depth:	chamber	**in**
Manifold Length:	60	**in**
Manifold Diameter:	4	**in sch 80pvc**
Supply Line Length:	667	**ft**
Supply Line Diameter:	2	**in sch 40pvc**
Supply Line Volume:	116.06	**gallons**
Friction Loss + Fitting Loss:	22.33	**ft(supply line length + 70' for fittings in pump tank)**
Design Head:	2	**ft**
Elevation Head:	23.40	**ft**
Total Head:	47.73	**ft**
Dose Volume:	182.06	**gals**
% of Pipe Vol.	.75	
Drawdown:	8.47	**in @ 21.5 gal/in**

Control Panel: SJE Rhombus Model112 control panel (or approved equivalent)

Pump: Zoeller 185 Flow-Mate (or approved equivalent)

Septic Tank Effluent Filter: Zoeller 170-0144 residential effluent filter (or approved equivalent)

Septic Tank: 1000 **gallon**

Pump Tank: 1000 **gallon**

LOT 93 BELLS CROSSING

4–BEDROOM PRESSURE MANIFOLD SYSTEM
WITH DROP BOXES 373' OF LINE
LINES 8–14
EZFLOW OR CHAMBER 25% REDUCTION
LTAR 0.35

4–BEDROOM LPP FED PANEL BLOCK
REPAIR
LINES 1–7 319' OF LINE
LTAR 0.3

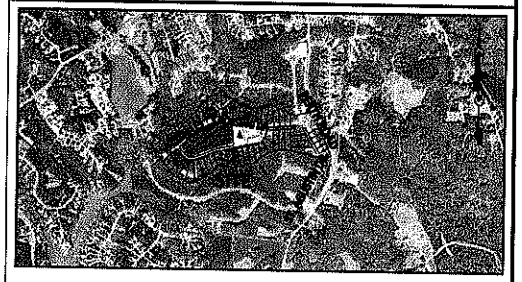
FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

NOTE:
SOIL EVALUATIONS WERE CONDUCTED BY
JASON HALL WITH CENTRAL CAROLINA SOIL
CONSULTING PLLC
329 S. WHITE STREET
WAKE FOREST, NC 27588

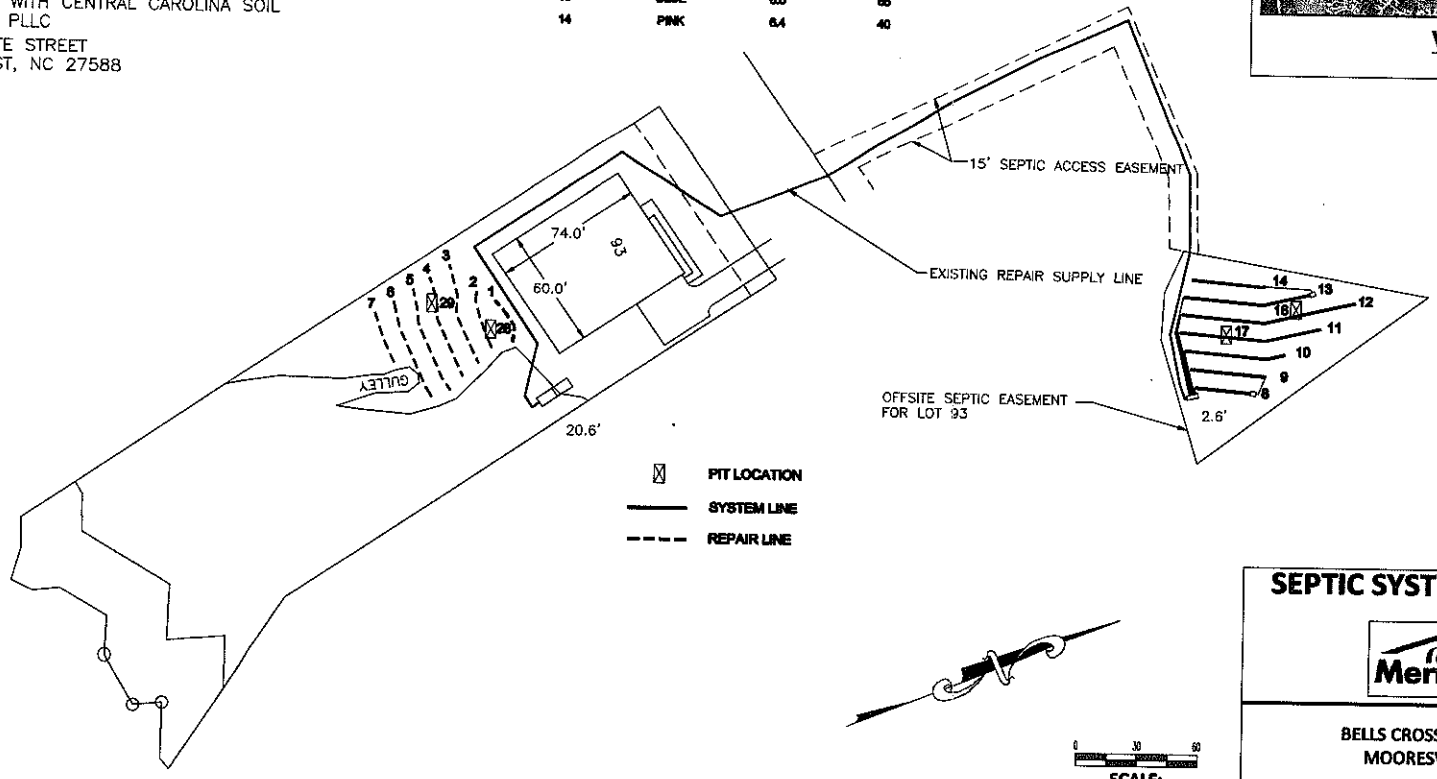
LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	RED		24
2	ORANGE		30
3	BLUE		53
4	PINK		53
5	RED		56
6	ORANGE		62
7	BLUE		27
8	ORANGE	3.8	25
9	BLUE	4.2	37
10	PINK	4.6	48
11	RED	5.0	66
12	ORAGNE	5.5	93
13	BLUE	6.0	85
14	PINK	6.4	40

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
NCBELS Firm No. C-2578



VICINITY MAP
(Not to Scale)



SEPTIC SYSTEM LAYOUT - LOT 93

FOR

MeritageHomes

BELLS CROSSING PHASE ONE LOT 93
MOORESVILLE, IREDELL COUNTY

DATE: 05/30/13 DRAWN BY: TMB CHECKED BY: TMB

SCALE: 1" = 60 ft

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

CCSC SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Meritage Homes
Address:
Applicant:
Proposed Facility: Design Flow (.1949)
Date Evaluated:
Location of Site: Bells Crossing Subdivision, Lot 93
Property Size:
Property Recorded:
Water Supply: [X] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [ ] 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 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
Pit 28	LS, 10%	A/E, 0-6	Gr, SL	VFR, NS, NP	10 YR 4/4				
		Bt, 6-33	SBK, Clay	FI, SS, SP	2.5 YR 4/8	PS			PS, 0.3
		Bt2, 33-44	SBK, CL	FI, SS, SP	2.5 YR 4/8	PS			PS, 0.3
					7.5 YR 5/8, 10%				
Pit 29	LS, 10%	A, 0-3	Gr, SL	VFR, NS, NP	10 YR 4/4				
		Bt1, 3-22	SBK, Clay	FI, SS, SP	2.5 YR 4/8	PS			PS, 0.3
		Bt2, 22-48	SBK, CL	FI, SS, SP	2.5 YR 4/8	S			S, 0.3
					7.5 YR 5/8, 10%				

Description	Initial System	Repair System
Available Space (.1945)	Yes	Yes
System Type(s)	Accepted	Accepted or T%J
Site LTAR	.3	.3

Other Factors (.1946):
Soil Evaluation By: Jason Hall
Others Present:
Site Classification (.1948):
Site Evaluation By:

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

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

CCSC SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Meritage Homes
Address:
Proposed Facility: Design Flow (.1949)
Location of Site: Bells Crossing Subdivision, Lot 93 Septic Easement
Water Supply: [X] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [X] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

Applicant:
Date Evaluated:
Property Size:
Property Recorded:

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
Pit 16	R, 3-5%	Bt, 0-36	SBK, SCL	FI, SS, SP	5 YR 5/8	PS			PS, 0.35
					2.5 YR 4/8, 15%	S			S, 0.4
		C, 36-57	SG, SL	VFR, NS, NP	5 YR 5/8				
Pit 17	R, 3-5%	Bt1, 0-20	SBK, SCL	FI, SS, SP	2.5 YR 5/8				
		Bt2, 20-38	SBK, SCL	FI, SS, SP	5 YR 5/8	PS			PS, 0.35
					7.5 YR 5/8				
		C, 38-56	SG, SL	VFR, NS, NP	5 YR 5/8	S			S, 0.4

Description	Initial System	Repair System
Available Space (.1945)		Yes/ off-site
System Type(s)		Accpted or T & J
Site LTAR		0.35

Other Factors (.1946):
Soil Evaluation By: Jason Hall
Others Present:
Site Classification (.1948):
Site Evaluation By:
Others Present:

