Paid $350.00 Statesville 11-15-13 BH

IREDELL COUNTY HEALTH DEPARTMENT

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 House Rd ste 250 Charlotte NC 28277 **Phone:** 704 309 6577

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

Property Information:

Street Address: 137 San Agustin Dr N Mooresville NC 28117

Subdivision Name: Bells Crossing **Section/Phase:** 2 **Lot Number:** 29

Driving Directions: 150 W - R on Perth Rd - L into Bells Crossing - R onto N San Agustine Dr, and Lot on the 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] 11-14-13
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:

- ____ 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: [signature] 11-14-13

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

USE THIS SPACE TO DRAW YOUR SITE PLAN

See Attached Plan

LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)	
1	BLUE	1.5	132 (NOT USED)	
2	RED	1.9	130 (NOT USED)	
3	PINK	2.3	130	I
4	BLUE	2.9	128	I
5	YELLOW	4.0	108	I
6	ORANGE	5.7	104	I
7A	PINK	6.7	40	I
7B	PINK	6.7	40	R
8	RED	7.6	93	R
9	BLUE	8.3	90	R
10	ORANGE	9.5	87	R
11	RED	9.7	88	R
12	PINK	10.2	45	R
13	BLUE	11.2	55	R
14	ORANGE	12.2	22	R

LOT 29 BELLS CROSSING SUBDIVISION

5-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
LINES 3-7 TOTAL 510 LINEAR FEET
EZFLOW OR CHAMBER
LTAR 0.3
25% REDUCTION
ADD 2" OF COUNTY APPROVED COVER MATERIAL
18" TRENCH DEPTH MAX AFTER COVER IS ADDED

5-BEDROOM ACCEPTED STATUS GRAVITY REPAIR
LINES 8-14 TOTAL 520 LINEAR FEET
EZFLOW OR CHAMBER
LTAR 0.3
25% REDUCTION
22" TRENCH DEPTH MAX

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

SOIL PROFILES AND ANALYSIS PROVIDED BY
CENTRAL CAROLINA SOIL CONSULTING PLLC

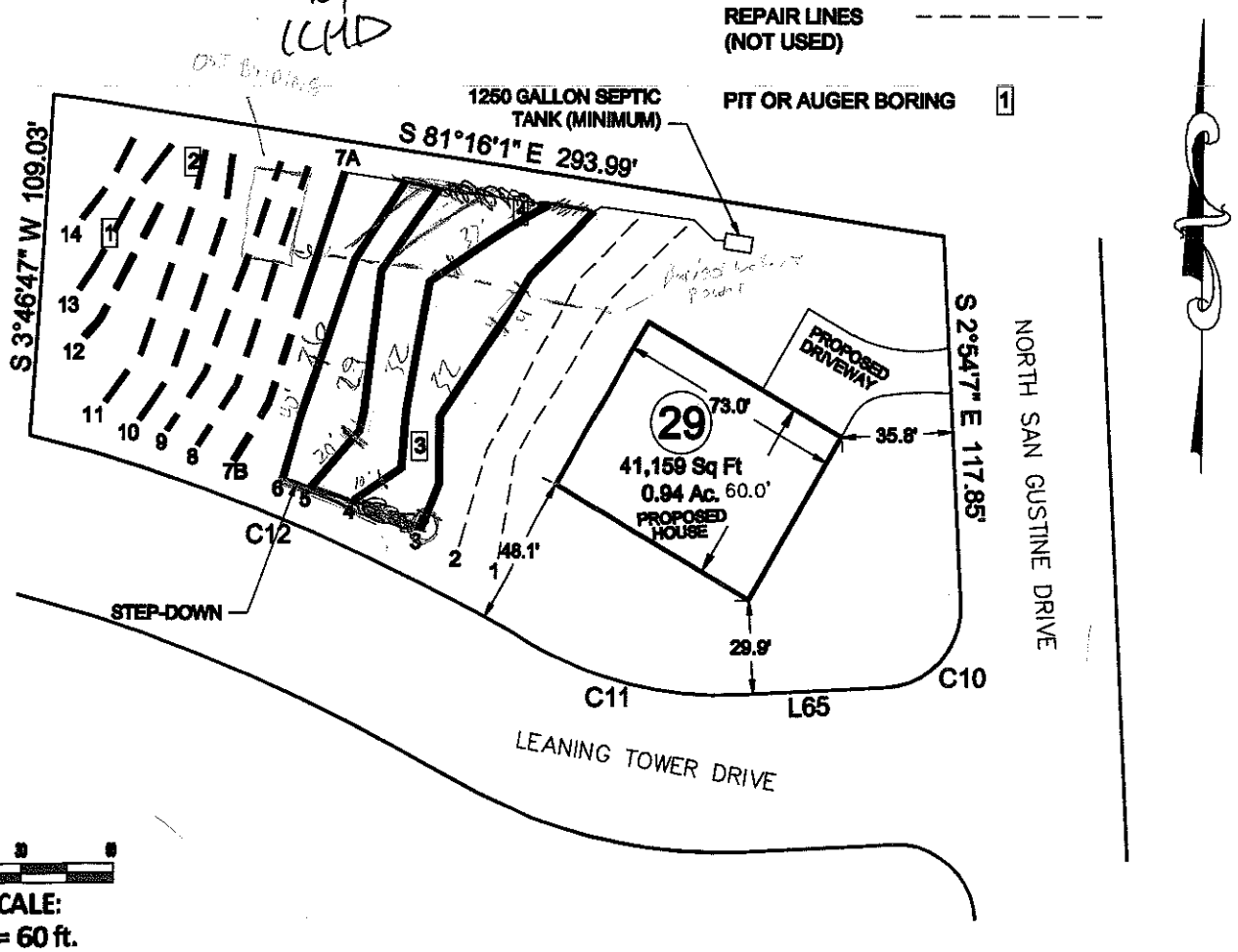
PRIMARY SYSTEM

REPAIR SYSTEM

REPAIR LINES
(NOT USED)

PIT OR AUGER BORING [1]

APPROVED BY LCHD



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-3578

Meritage Homes

LOT 29
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE: 11/10/13 DRAWN BY AH CHECKED BY: TMB

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

CCSC SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Meritage Homes
Address:
Proposed Facility: 5-Bedroom Design Flow (.1949): 600
Location of Site: 29 of Bells Crossing

Applicant: Meritage Homes S
Date Evaluated: 10-30-13
Property Size:
Property Recorded:

Water Supply: [X] Public [ ] Individual [X] 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 Structure/ Texture	SOIL MORPHOLOGY 1941 Consistence Mineralogy	5 PROFILE FACTORS 1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr. Horiz.	Profile Class & LTAR
1	LS 7%	A	0-3	SL sBK	Fr NS NP	7.5YR 5/6				.4
		B	3-10	SCL sBK	Fr NS NP	5YR 5/6				.35
		B+	10-28	clay sBK	Fi SS SP	2.5YR 4/6		P5		.3
		B-C	28-35	SCL sBK	Fi SS SP	80 11 /20 10YR 7/3				.3
		C	35-50	SL SG	NS NP	7.5YR 6/6	35			.4
2	GS 7%	A/B	0-5	SCL	Fi NS NP	5YR 5/6				.35
	LS 6%	B+	5-35	clay sBK	Fi SS SP	2.5YR 4/6				.3
		B+2	35-48	clay sBK	Fi SS SP	80 2.5YR 4/6 20 10YR 6/8	48			.3
3		B+1	0-17	clay sBK	Fi SS SP	2.5YR 4/8				.3
			17-20	"	"	80 11 /20 10YR 6/8				.3
			20-48	"	"	2.5YR 4/8	48			.3
4	GS 6%	A	0-6	SL sBK	Fr NS NP	2.5Y 6/4				.35
		B+	6-23	SCL sBK	Fi SS SP	10YR 6/6 30%				.35
						5YR 5/6 20%				
			23-48	clay	Fi SS SP	2.5YR 5/8 60%	28		SW @ 23"	.3
				Gray mottles		10YR 6/1				

Description	Initial System	Repair System
Available Space (.1945)	Yes	Yes
System Type(s)	Accepted 25%	Accepted 25%
Site LTAR	0.3	0.3

Other Factors (.1946):
Soil Evaluation By: J. HALL
Others Present: M. Burg
Site Classification (.1948):
Site Evaluation By:
Others Present:

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

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

Zoning Permit

Permit Number: 181576ZO

Printed: 10/18/2013

Master #: 181576

Associated Permits:
181576ZO Zoning

Applicant

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

Parcel

Parcel Number: 4639955462.029 **Zoning:** RA
Address: 137 SAN AGUSTIN Dr. N. **Township:** 1700
MOORESVILLE, NC 28117 **Area:** .94
Subdivision: Bells Crossing **Lot(s):** 29
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 **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-299655-07	Zoning - Permit Application	$75.00
FEE-299656-07	Technology Fee - Planning	$2.25
FEE-299657-07	Environmental Health - Gravity System	$500.00