IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 | PERMIT # 2100-2130 200905 ✓

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

A2P

PIN # 4639-95-5462.2639

APPLICANT: MERITAGE HOMES | APPLICANT ADDRESS: 7851 N 85TH ST SCOTTSDALE ARIZONA

SITE ADDRESS: 160 LEANING TOWER RD. | PHONE: 704-309-6577 | ALT. PHONE:

SITE DIRECTIONS: PERTH, TL BELLS CROSSING, TR SAN AGUSTINE, TL LEANING TOWER, ON R

SUBDIVISION: BELLS CROSSING | SECTION: 2 | LOT # 34 | LOT AREA: | DESIGN FLOW: 600 | L.T.A.R.: .3 (.275R)

Septic Tank	1750 (gal)	STB	Date 4/15/15	☒ New System	☐ Repair	☐ Expansion	System Type: I II (III)B IV V VI
Pump Tank	1250 (gal)	PT	Date 4/19/15	System Description:	PM 25% REDUCTION		
Pump Make	ZOELLER	Model BE105-D	Serial #	Repair System Description:	SAME		
# Nitrification Fields	1	# Lines 10	Linear Ft: 540'	Maintenance Agreement Required:	☐ YES	☒ NO	
Trench Width	36"	Max. Trench Bottom Depth	* 18" *	Gravel Depth	—	☐ GRAVITY	☒ PRESSURE

☒ Residence | No. Bedrooms 5 | Water Supply: ☐ Private ☐ Public ☒ Community
☐ Business | No. Persons
☐ Other | No. Employees
☐ Slab | ☐ Crawl Space
☒ Basement w/plumbing | ☐ Basement w/o plumbing

Comments / Conditions: 8/10/15 Checked upper 5 lines
8/17/15 Checked lower 5 lines, Checked pressure manifold (PM) did not set pressure.

12/14/15 Checked elect. PT riser is 6" above grade at time of inspection.

INITIAL SITE SKETCH

SEE PLAN FROM BATEMAN CIVIL SURVEY

AS BUILT SKETCH

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: [signature] Date: 8-17-15 Installed by: Carolina Pipe

IMPROVEMENT PERMIT by: [signature] Date: APPROVED FEB 17 2015

AUTHORIZATION TO CONSTRUCT by: [signature] Date: APPROVED FEB 17 2015

OPERATION PERMIT by: Marie H. Robertson RS Date: 12/14/15

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)	DESIGN LENGTH (FT)
1	BLUE	2.2	27	24
2	YELLOW	3.4	46	36
3	ORANGE	5.7	62	60
4	RED	8.0	63	60
5	BLUE	10.0	60	60
6	YELLOW	11.3	60	60
7	ORANGE	12.9	60	60
8	YELLOW	13.7	25	
9	RED	14.9	73	60
10	BLUE	15.9	62	60
11	YELLOW	17.2	64	60
12	ORANGE	18.9	55	
13	RED	21.0	67	
14	BLUE	22.6	39	
15	PINK	2.6	27	
16	RED	3.5	58	
17	YELLOW	4.5	57	
18	PINK	5.1	51	
19	RED	5.9	48	
20	YELLOW	6.7	45	
21	PINK	7.9	38	
22	RED	8.8	37	

LOT 34 BELLS CROSSING SUBDIVISION

5-BEDROOM ACCEPTED STATUS PRESSURE MANIFOLD SYSTEM
LINES 1-7 & 9-11 TOTAL 540 LINEAR FEET
EZFLOW OR CHAMBER
LTAR 0.3
25% REDUCTION
18" TRENCH DEPTH

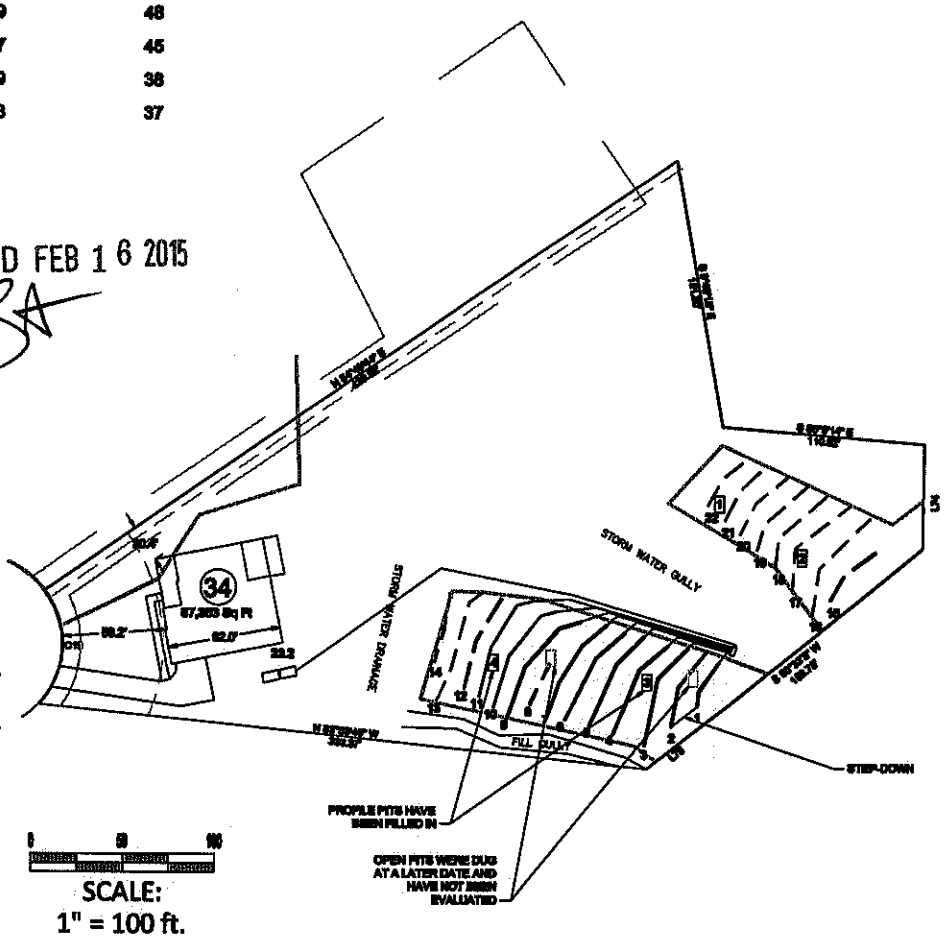
5-BEDROOM ACCEPTED STATUS PRESSURE MANIFOLD SYSTEM
LINES 8 & 12-22 TOTAL 547 LINEAR FEET
EZFLOW OR CHAMBER
LTAR 0.275
25% REDUCTION
18" TRENCH DEPTH

NOTE: LINES MAY BE LONGER IN THE FIELD. TRIM TO DESIGNED LENGTH.

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

SOIL PROFILES AND ANALYSIS PROVIDED BY CENTRAL CAROLINA SOIL CONSULTING PLLC

APPROVED FEB 16 2015



PRIMARY SYSTEM ——————

REPAIR SYSTEM — — — — — —

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

PIT OR AUGER BORING [1]

0 50 100

SCALE:
1" = 100 ft.

Bateman Civil Survey Company
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NCBELS Firm No. C-2378

Meritage Homes

LOT 34
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY
REVISED 02/12/15
DATE: 02/02/15 DRAWN BY TMB CHECKED BY: TMB