IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 181587

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

PIN # 4639-95-4101

APPLICANT: Meritage Homes APPLICANT ADDRESS: 11605 N Community Rd St 250 Charlotte NC 28217

SITE ADDRESS: 127 Leaning Tower Ln PHONE: ALT. PHONE:

SITE DIRECTIONS: Hwy 150 W, TR on Perth Rd, TL on Bells Crossing, TR on N San Agustin, TL on Leaning Tower, Left on L

SUBDIVISION: Bells Crossing SECTION: 2 LOT # 45 LOT AREA: 0.73 DESIGN FLOW: 480gpd L.T.A.R.: 0.3

Septic Tank: 1000 min (gal) STB 760 Date 8-4-14
Pump Tank (gal) PT Date
Pump Make Model Serial #
Nitrification Fields 1 # Lines 6 Linear Ft: 427'
Trench Width 36" Max. Trench Bottom Depth 24" Gravel Depth N/A

☑ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI
System Description: Gravity 25% Reduction
Repair System Description: LP PPBPS
Maintenance Agreement Required: ☐ YES ☑ NO
☑ GRAVITY ☐ PRESSURE

☑ Residence No. Bedrooms 4
☐ Business No. Persons 8
☐ Other No. Employees
☑ Slab ☐ Crawl Space
☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☐ Private ☐ Public ☑ Community

Comments / Conditions: 1000 gal ST minimum bat plan specifies 1500 gal Installed 400-ft + of Quick 4 Drainfield Serial distribution

12/17/14 Checked 2 Uppermost drain lines & ST

1/20/15 Checked lower 4 drainlines.

INITIAL SITE SKETCH

SEE DESIGN BY BATEMAN CIVIL SURVEY COMPANY

(Dated 6-23-14, Approved 7-17-14)

AS BUILT SKETCH

Rest of Drainfield 1/20/15 1:00 MD

	Date	Initials
Drain Lines Checked 2	12/17/14	MD
Tanks Checked	12/17/14	MD
Pressure Manifold or Valve Box Checked	1/20/15	MD
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Y (N)		

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: Date: 7-18-14 Installed by: Caroline Pipers

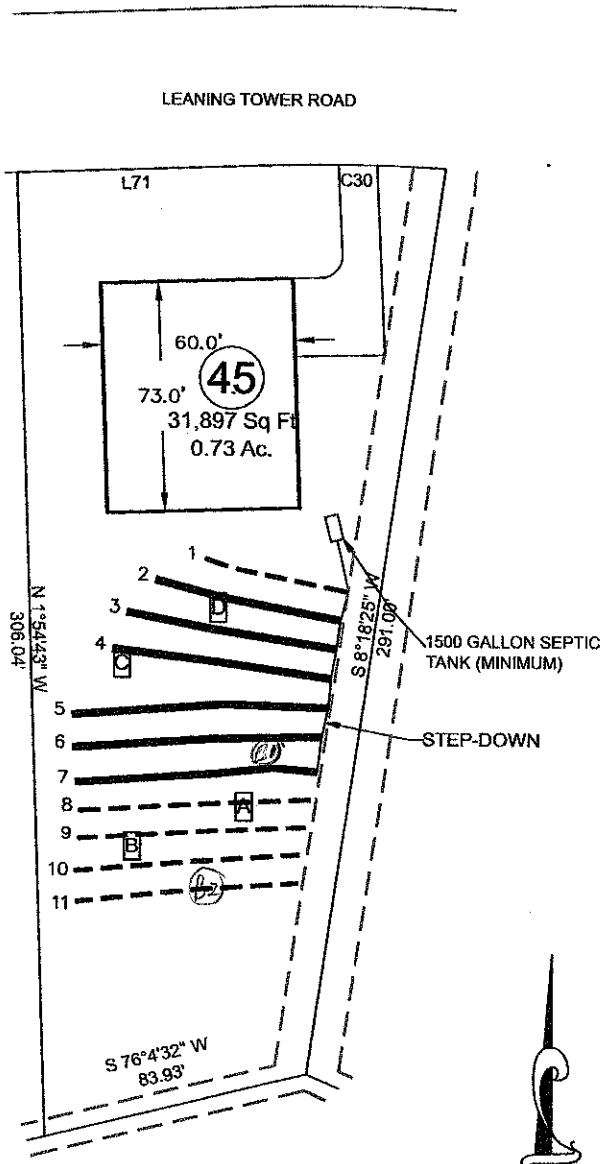
IMPROVEMENT PERMIT by: Date: 7-17-14 OPERATION PERMIT by: Date: 1/20/15

AUTHORIZATION TO CONSTRUCT by: Date: 7-17-14 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)	
1	RED	1.3	46	45'
2	BLUE	2	59	58
3	YELLOW	2.9	66	
4	ORANGE	3.4	69	71
5	BLUE	5.1	80	
6	ORANGE	7.3	77	77'
7	YELLOW	9.6	76	
8	RED	10.4	71	70'
9	PINK	12.3	72	
10	BLUE	14.3	70	70
11	YELLOW	16.3	69	68'



LOT 45 BELLS CROSSING SUBDIVISION

4-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
LINES 2-7 TOTAL 427 LINEAR FEET
EZFLOW OR CHAMBER
LTAR 0.3
25% REDUCTION
24" TRENCH DEPTH MAX

4-BEDROOM LPP FED PANEL BLOCK REPAIR
LINES 1 8-11 328 TOTAL LINEAR FEET
LTAR 0.3
50% REDUCTION
30" 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]

0 30 60

SCALE:
1" = 60 f t.

APPROVED JUL 17 2014

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

Z:\projects\2011 MLS\110315 INWOOD FOREST\meritage logo.gif

LOT 45
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE: 6/23/14 DRAWN BY AH CHECKED BY: TMB