IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 1815

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

PIN # 4639-95-6067

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

SITE ADDRESS: 113 Leaning Tower Dr PHONE: 704-309-6577 ALT. PHONE:

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

SUBDIVISION: Bells Crossing SECTION: 2 LOT # 47 LOT AREA: 0.82ac DESIGN FLOW: 600 gpd L.T.A.R.: 0.3

Septic Tank 1500 (gal) STB 964 Date 7-28-14 ☑ New System ☐ Repair ☐ Expansion System Type: I II ☑ III IV V VI

Pump Tank (gal) PT Date System Description: Gravity 25% Reduction

Pump Make Model Serial # Repair System Description: LP' PPBPS

Nitrification Fields 1 # Lines 5 Linear Ft: 502 Maintenance Agreement Required: ☐ YES ☑ NO

Trench Width 36" Max. Trench Bottom Depth 36" Gravel Depth N/A ☑ GRAVITY ☐ PRESSURE

☑ Residence No. Bedrooms 5 Water Supply

☐ Business No. Persons 10 ☐ Private

☐ Other No. Employees ☐ Public

☐ Slab ☑ Crawl Space ☑ Community

☐ Basement w/plumbing ☐ Basement w/o plumbing

Comments / Conditions: ST – 5½' Pt From House

Divert Storm water away from ST & drainfield. EHS advises to pipe gutter drain & discharge beyond ST

Installed Quick 4 essentially As Drawn

INITIAL SITE SKETCH

SEE DESIGN BY BATEMAN CIVIL SURVEY COMPANY

(Approved 7-25-14)

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: Date: 7-25-14 Installed by: Carolina Pipe

IMPROVEMENT PERMIT by: Date: 7-25-14 OPERATION PERMIT by: Date: 11/21/14

AUTHORIZATION TO CONSTRUCT by: Date: 7-25-14 Existing System Inspected by: Date:

Health Dept. Copy - WHITE Applicant (Final Approval) - YELLOW Applicant (Conditional Approval) - PINK

RECEIVED JUL 2 4 2014

LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	WHITE	0	15
2	RED	0.7	29
3	BLUE	1.2	46
4	YELLOW	2.1	64
5	PINK	3.7	75
6	WHITE	4.5	18
7	ORANGE	6.1	100
8	BLUE	8.2	111
9	YELLOW	10.2	116
10	PINK	12.7	106
11	PINK	15.0	75
12	BLUE	17.8	94
13	ORANGE	19.7	85

APPROVED JUL 25 2014

APPROVED JUL 25 2014

AZP

LOT 47 BELLS CROSSING SUBDIVISION

5-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
LINES 8-12 TOTAL 502 LINEAR FEET USE 500 FEET
EZFLOW OR CHAMBER
LTAR 0.3
25% REDUCTION
36" TRENCH DEPTH MAX AFTER COVER IS ADDED

5-BEDROOM LPP FED PANEL BLOCK REPAIR
LINES 1-7 13 TOTAL 417 LINEAR FEET
CHAMBER
LTAR 0.3
50% REDUCTION
36" TRENCH DEPTH MAX

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

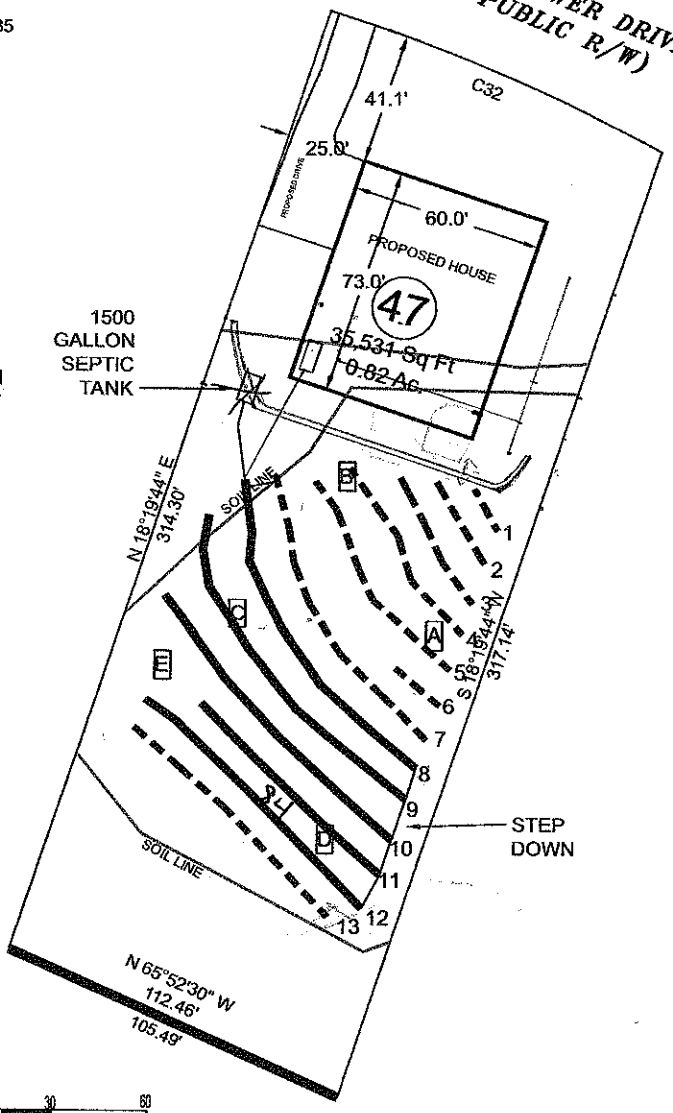
SOIL PROFILES AND ANALYSIS PROVIDED BY
CENTRAL CAROLINA SOIL CONSULTING PLLC

PRIMARY SYSTEM

REPAIR SYSTEM

REPAIR LINES
(NOT USED)

PIT OR AUGER BORING A



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 47
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE: 07/01/14 DRAWN BY: AH CHECKED BY:TMB