IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 181588

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

PIN # ~~4639955462~~ 4639955110

APPLICANT: MERITAGE HOMES APPLICANT ADDRESS: 11605 COMMUNITY RD ST 250 CHARLOTTE NC 28217

SITE ADDRESS: 119 LEANING TOWER LN MOORESVILLE NC PHONE: 7043096577 ALT. PHONE: 704658-8616

SITE DIRECTIONS: I-50 W (E) PERTH RD (L) BELLS CROSSING 1ST RIGHT (L) ON LEANING TOWER 4TH ON (L)

SUBDIVISION: BELLS CROSSING SECTION: 2 LOT # 46 LOT AREA: 33,518 SqFT DESIGN FLOW: 480 GPD L.T.A.R.: .3

Septic Tank 1200 (gal) STB Date

Pump Tank (gal) PT Date

Pump Make Model Serial #

Nitrification Fields 1 # Lines 7 Linear Ft: 436'

Trench Width 3' Max. Trench Bottom Depth 36" Gravel Depth N/A

☑ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI

System Description: 25% REDUCTION GRAVITY

Repair System Description: LPP FED PPBPS

Maintenance Agreement Required: ☐ YES ☑ NO

☑ GRAVITY ☐ PRESSURE

☑ Residence ☐ Business ☐ Other ☑ Slab ☐ Crawl Space ☐ Basement w/plumbing ☐ Basement w/o plumbing

No. Bedrooms 4 No. Persons 8 No. Employees

Water Supply: ☐ Private ☐ Public ☑ Community Well

Comments / Conditions: INSTALL SYSTEM LINES ON CONTOUR
DIVERT ALL SURFACE WATER OFF SYSTEM AREA

8/8/14 Review floor plans, in compliance with Septic plan
House foot print including decks & porches can not exceed footprint in plan.

INITIAL SITE SKETCH

See DESIGN BY:
BATEMAN CIVIL SURVEY COMPANY approved 7-23-14

AS BUILT SKETCH

see "as built sketch on back of "inspection checklist" sheet

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: 8-6-14 Installed by: Carolina Pipe Cleaning

IMPROVEMENT PERMIT by: Lane Grey REHS Date: 7-23-14 OPERATION PERMIT by: Richard Farres Date: 11/17/14

AUTHORIZATION TO CONSTRUCT by: [signature] Date: 8/8/14 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	YELLOW	2.3	31 ✓
2	BLUE	2.4	30
3	ORANGE	3.0	30 ✓
4	YELLOW	3.2	29 ✓
5	BLUE	3.7	29
6	RED	4.1	29 ✓
7	YELLOW	12.7	67 (NOT USED)
8	BLUE	13.0	68 (NOT USED)
9	ORANGE	14.2	69 ✓
10	PINK	16.3	68 ✓
11	RED	18.7	65
12	YELLOW	20.8	65 ✓
13	BLUE	22.5	62
14	ORANGE	24.1	54 ✓
15	PINK	26.2	53
16	YELLOW	28.1	47 ✓
17	BLUE	29.7	37
18	RED	31.4	34 ✓
19	ORANGE	33.5	32 (NOT USED)

REPAIR LPP/PPBPS .3

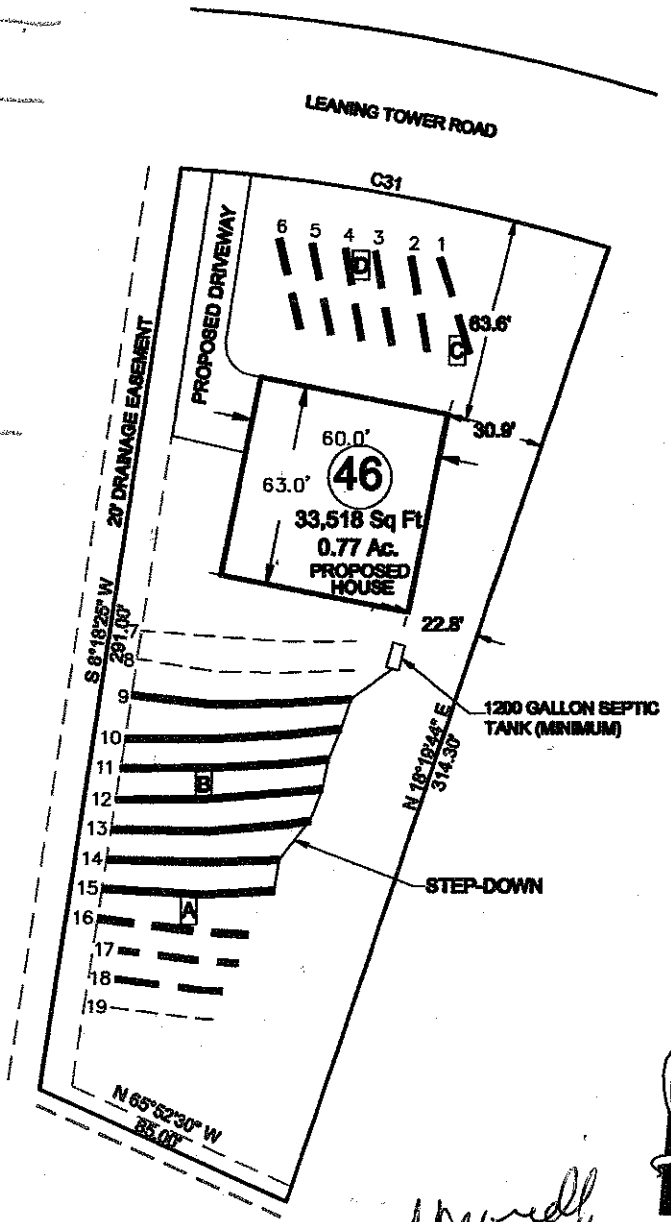
LOT 46 BELLS CROSSING SUBDIVISION

4-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
LINES 9-15 TOTAL 436 LINEAR FEET
EZFLOW OR CHAMBER
LTAR 0.3
25% REDUCTION
36" TRENCH DEPTH MAX

4-BEDROOM LPP FED PANEL BLOCK REPAIR
LINES 1-6 AND 16-18 296 TOTAL LINEAR FEET
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 [1]

0 30 60

SCALE:
1" = 60 ft.

approved 7-23-14

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-0278

MeritageHomes

LOT 46
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

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