4th Old # 152398

# IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 210723

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

PIN # 4649-04-4151.000

APPLICANT: Meritage Homes APPLICANT ADDRESS: 11605 N. Community Rd. Charlotte NC

SITE ADDRESS: 131 S. San Agustin Dr. Mooresville, NC PHONE: 704-658-8616 ALT. PHONE:

SITE DIRECTIONS: Perth Rd. N, TL Bells Crossing Dr, TL S. San Agustin, Site on L

SUBDIVISION: Bells Crossing SECTION: 1 LOT # 10 LOT AREA: .054 Acre DESIGN FLOW: 480 GPD L.T.A.R.: .3

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Septic Tank | 1000 (gal) | STB | IM 1060 | Date | Plastic/Infiltrator | ☒ New System ☐ Repair ☐ Expansion | System Type: I II III IV V VI | ☒ Residence | No. Bedrooms 4 |
| Pump Tank | 1000 (gal) | PT | LA 1060 | Date | Plastic | System Description: 25% Reduction - Pump | | ☐ Business | No. Persons 8 |
| Pump Make | Zoeller | Model | BN 152B | Serial # | | Repair System Description: 50% Reduction | | ☐ Other | No. Employees |
| # Nitrification Fields | 1 | # Lines | 7 | Linear Ft: | 417' (420) | Maintenance Agreement Required: ☐ YES ☒ NO | | ☒ Slab | ☐ Crawl Space |
| Trench Width | 36" | Max. Trench Bottom Depth | 24" - 36" | Gravel Depth | N/A | ☐ GRAVITY ☒ PRESSURE | | ☐ Basement w/plumbing | ☐ Basement w/o plumbing |

Water Supply: ☐ Private ☐ Public ☒ Community

Comments / Conditions: Follow all State Septic Rules.
* House & Drive way Flipped *
OK RA 12-17-15

2' Pressure Head

INITIAL SITE SKETCH

See Attached / Approved Design By Batemon Civil Survey Co., PC

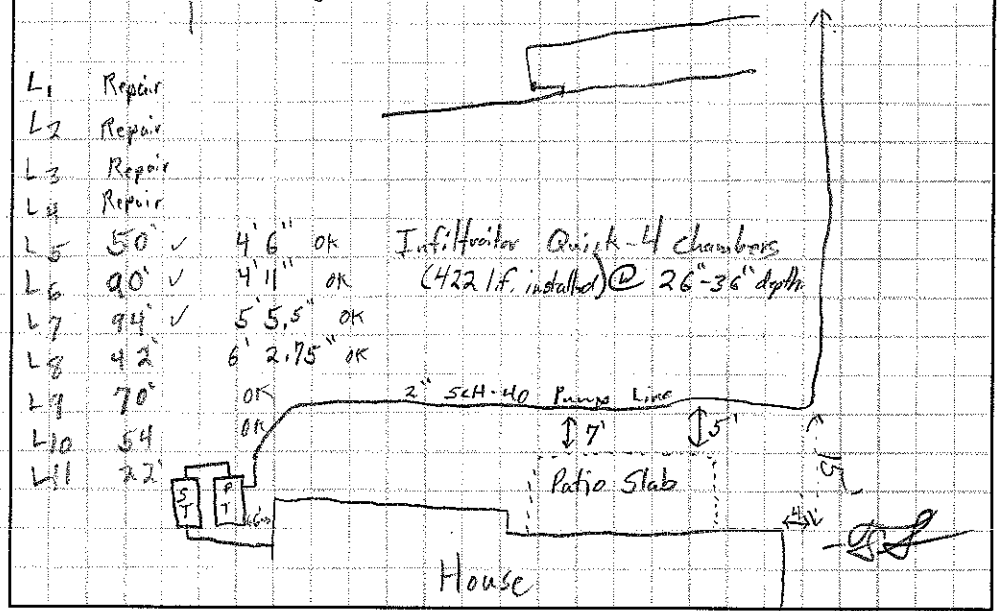
DATED APPROVED AUG 24 2015

AS BUILT SKETCH

10-6-16: Infiltrator Plastic 1000-gal tanks used w/a PL-68 Filter
Manifold Box 3x 3/4" SCH-80 Taps used

* Installed essentially where permitted per drawing except for house flip (See note 12-17-15)

| | | | | |
|---|---|---|---|---|
| L1 | Repair | | | |
| L2 | Repair | | | |
| L3 | Repair | | | |
| L4 | Repair | | | |
| L5 | 50' ✓ | 4'6" | OK | Infiltrator Quick-4 chambers |
| L6 | 90' ✓ | 4'11" | OK | (422 l.f. installed) @ 26"-36" depth |
| L7 | 94' ✓ | 5'5.5" | OK | |
| L8 | 42' | 6'2.75" | OK | |
| L9 | 70' | OK | | |
| L10 | 54 | OK | | |
| L11 | 22' | | | |




*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: 8-25-15 Installed by: Carolina Pipe (Brian Hearst)

IMPROVEMENT PERMIT by: [signature] Date: APPROVED AUG 24 2015 OPERATION PERMIT by: W Sparks Date: 10/21/16

AUTHORIZATION TO CONSTRUCT by: [signature] Date: APPROVED AUG 24 2015 Existing System Inspected by: Date:

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

# LINE SCHEDULE

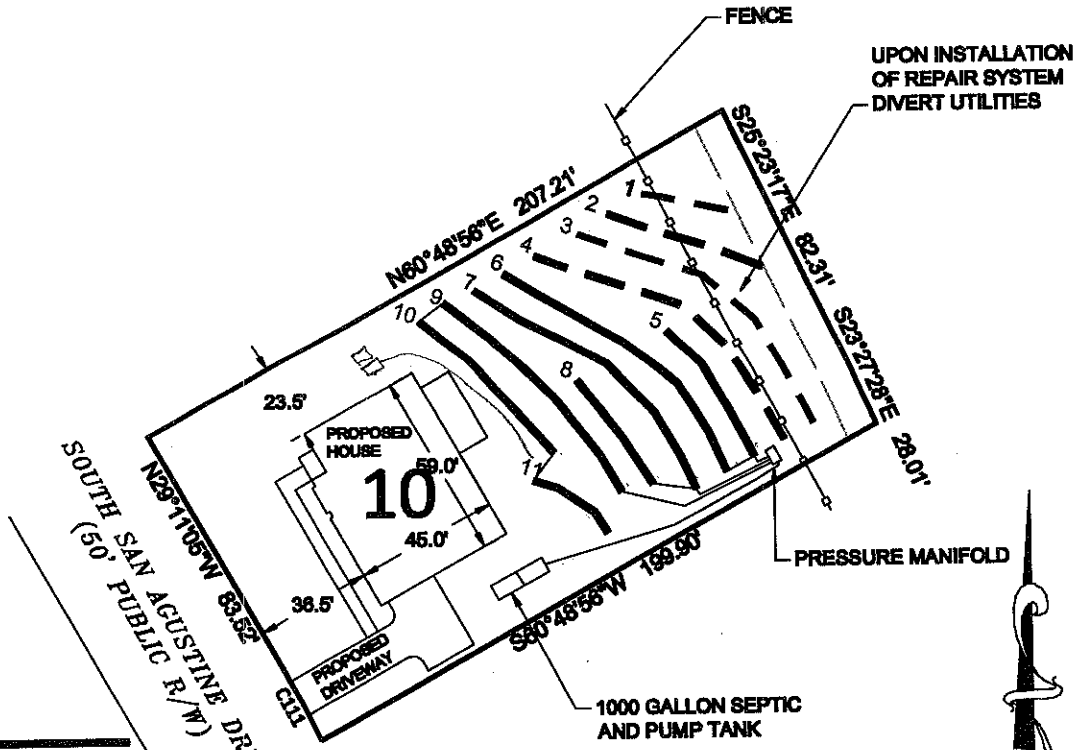
| LINE NUMBER | COLOR | FIELD ELEVATION | LENGTH (FT) | DESIGN LENGTH |
|---|---|---|---|---|
| 1 | RED | 0.7 | 25 | |
| 2 | YELLOW | 1.4 | 50 | |
| 3 | GREEN | 2.8 | 101 | |
| 4 | RED | 3.7 | 103 | |
| 5 | ORANGE | 4.2 | 50 | 50 |
| 6 | YELLOW | 4.4 | 96 | 90 |
| 7 | RED | 5.2 | 96 | 96 |
| 8 | GREEN | 6.8 | 41 | 41 |
| 9 | ORANGE | 8.1 | 80 | 60 |
| 10 | BLUE | 9.1 | 60 | 50 |
| 11 | YELLOW | 10.7 | 30 | 30 |

LOT 10 BELLS CROSSING SUBDIVISION

4-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
LINES 5-11 TOTAL 417 LINEAR FEET
EZFLOW OR CHAMBER
LTAR 0.3
25% REDUCTION
24 to 36" TRENCH DEPTH

4-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
REPAIR
LINES 1-4 TOTAL 279 LINEAR FEET
CHAMBER
LTAR 0.3
50% REDUCTION
24 to 36" TRENCH DEPTH
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 ft.

OK TCHD
APPROVED AUG 24 2015
SC

**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-0575

MeritageHomes

# LOT 10
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY
REVISED 08/18/15
DATE: 5/14/15 DRAWN BY: MDB CHECKED BY:TMB