# IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 216972

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

PIN # 4639-83-1372

APPLICANT: BCSC APPLICANT ADDRESS: 2524 Reliance Ave. Apex, NC

SITE ADDRESS: 282 S. San Agustine Dr. Mocksville PHONE: 704-658-8616 ALT. PHONE:

SITE DIRECTIONS: Perth, TL Bells Crossing, TL S. San Agustine, on R

SUBDIVISION: Bells Crossing SECTION: 4 LOT # 139 LOT AREA: 1AC DESIGN FLOW: 600 L.T.A.R.: .275

Septic Tank ~~MIN~~ (gal) STB 299 Date 6/27/16

Pump Tank (gal) PT Date

Pump Make Model Serial #

# Nitrification Fields 1 # Lines 6 Linear Ft: 550'

Trench Width 36" Max. Trench Bottom Depth 36" Gravel Depth —

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

System Description: 25% Reduction

Repair System Description: Panel Block

Maintenance Agreement Required: ☐ YES ☑ NO

☑ GRAVITY ☐ PRESSURE

☑ Residence No. Bedrooms 5

☐ Business No. Persons

☐ Other No. Employees

☑ Slab ☐ Crawl Space

☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☐ Private ☐ Public ☑ Community

Comments / Conditions:

INITIAL SITE SKETCH

See Plan From BCSC.

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: 4-1-16 Installed by: Carolina Pipe Cleaners

IMPROVEMENT PERMIT by: Date: 4-1-16 OPERATION PERMIT by: W Sparks Date: 9/8/16

AUTHORIZATION TO CONSTRUCT by: Date: 4-1-16 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 | ORANGE | 1.2 | 40 |
| 2 | WHITE | 2.7 | 60 |
| 3 | BLUE | 4.5 | 70 |
| 4 | YELLOW | 6.5 | 79 |
| 5 | RED | 8.4 | 91 |
| 6 | ORANGE | 11.0 | 100 |
| 7 | WHITE | 13.7 | 103 |
| 8 | BLUE | 15 | 104 |
| 9 | RED | 17.6 | 102 |
| 10 | YELLOW | 20.5 | 50 |
| 11 | RED | 22.7 | ~~45~~ 51 |
| 12 | BLUE | 26.1 | ~~35~~ 37 |
| 13 | ORANGE | 28.7 | 30 |

I AUTHORIZE CHANGES
MB 4-1-16

APPROVED APR 01 2016

LOT 139 BELLS CROSSING SUBDIVISION

5-BEDROOM INNOVATIVE GRAVITY SYSTEM
SERIAL DISTRIBUTION WITH DROP BOXES
LINES 5-10 TOTAL 550 LINEAR FEET
EZFLOW OR CHAMBER
LTAR ~~0.3~~ .275
25% REDUCTION
36" ~~24"~~ MAX TRENCH DEPTH

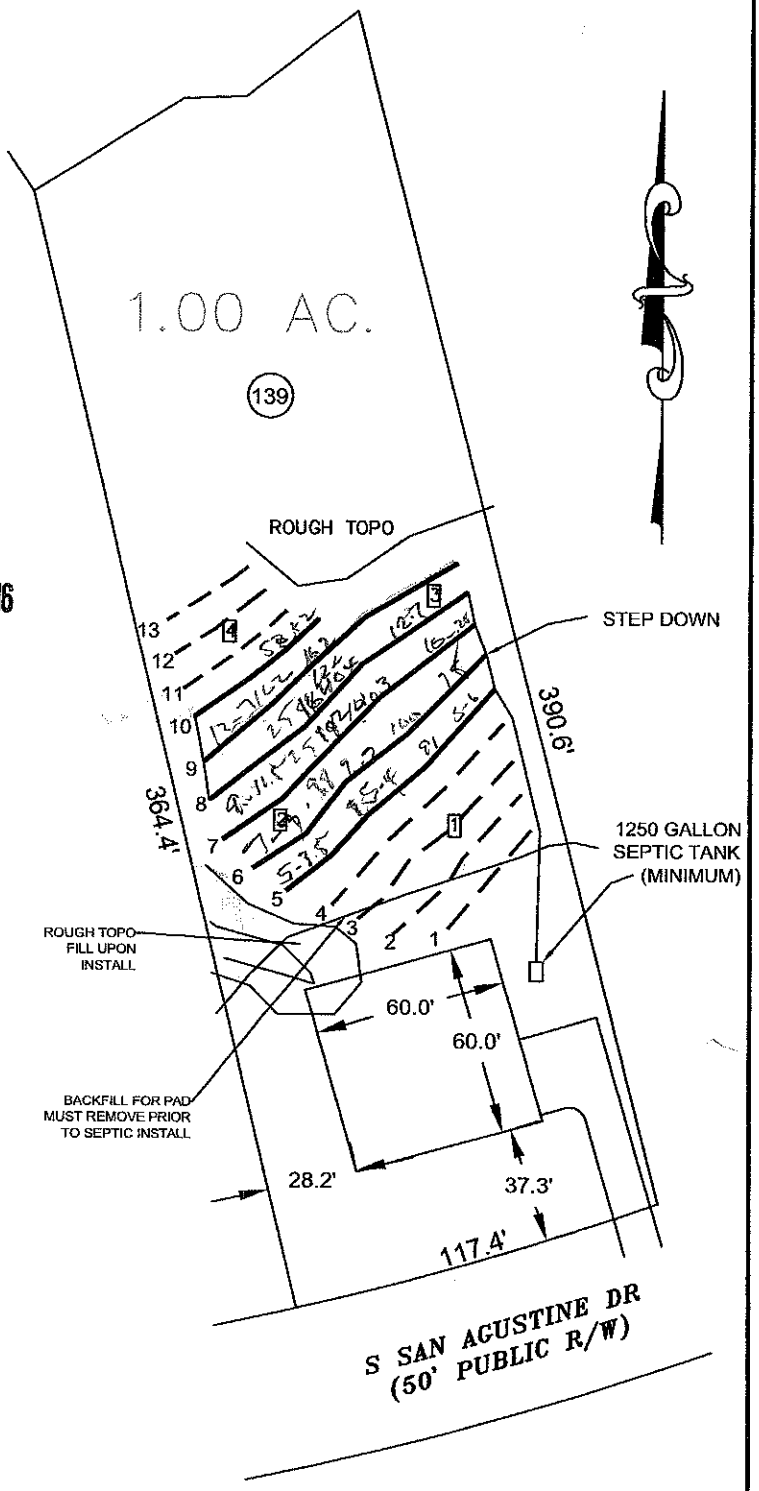
5-BEDROOM PANEL BLOCK REPAIR
LINES 1-4 11-13 TOTAL 363 LINEAR FEET
LTAR ~~0.3~~ .275
50% REDUCTION

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

SOIL ANALYSIS AND APPLICATION RATES PROVIDED BY
CENTRAL CAROLINA SOIL CONSULTING

SYSTEM LINE ————————

REPAIR LINE — — — — —




0 30 60

SCALE:
1" = 60 ft.

**Bateman Civil Survey Company**
Engineers • Surveyors • Planners
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NCBELS Firm No. C-2378

MeritageHomes

**LOT 139**
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE:1/18/15 DRAWN BY:MDB CHECKED BY:TMB