IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 216963

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

PIN # 4639-83-2387.000

APPLICANT: BESC APPLICANT ADDRESS: 2514 Rainbow Ave. Apex NC 27539

SITE ADDRESS: 276 S. San Agustine Dr. Mooresville NC PHONE: 704-658-8616 ALT. PHONE:

SITE DIRECTIONS: Perth To Bells Crossing, TL S. San Agustin, Site on R

SUBDIVISION: Bells Crossing SECTION: 4 LOT # 138 LOT AREA: 1.03 Acre DESIGN FLOW: 360 GPD L.T.A.R.: .3

Septic Tank 1250 (gal) STB IM-1520 Date

Pump Tank (gal) PT Date

Pump Make Model Serial #

Nitrification Fields 1 # Lines 6 Linear Ft: 500'

Trench Width 36" Max. Trench Bottom Depth* 18" - 26" Gravel Depth N/A (Lowside)

☒ New System ☐ Repair ☐ Expansion System Type: I II III IV V VI

System Description: 25% Reduction Gravity

Repair System Description: LP-PDRPS

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

☒ Residence No. Bedrooms 5

☐ Business No. Persons 10

☐ Other No. Employees

☒ Slab ☐ Crawl Space

☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply

☐ Private

☐ Public

☒ Community

Comments / Conditions: - Fill / Raise 3 Below Repair Area.
- Remove Fill Close To House foundation.

INITIAL SITE SKETCH

See Attached Approved Plan By Bateman Civil Survey

1 DATED APPROVED APR 01 2016

AS BUILT SKETCH

Checked 1st 2 Lines & Filter 8-1-16 RA

Checked Rest of Field 8-2-16 RA

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: CPC

IMPROVEMENT PERMIT by: APPROVED APR 01 2016 OPERATION PERMIT by: RA-008 Date: 8-2-16

AUTHORIZATION TO CONSTRUCT by: APPROVED APR 01 2016 Existing System Inspected by: Date:

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

LINE SCHEDULE

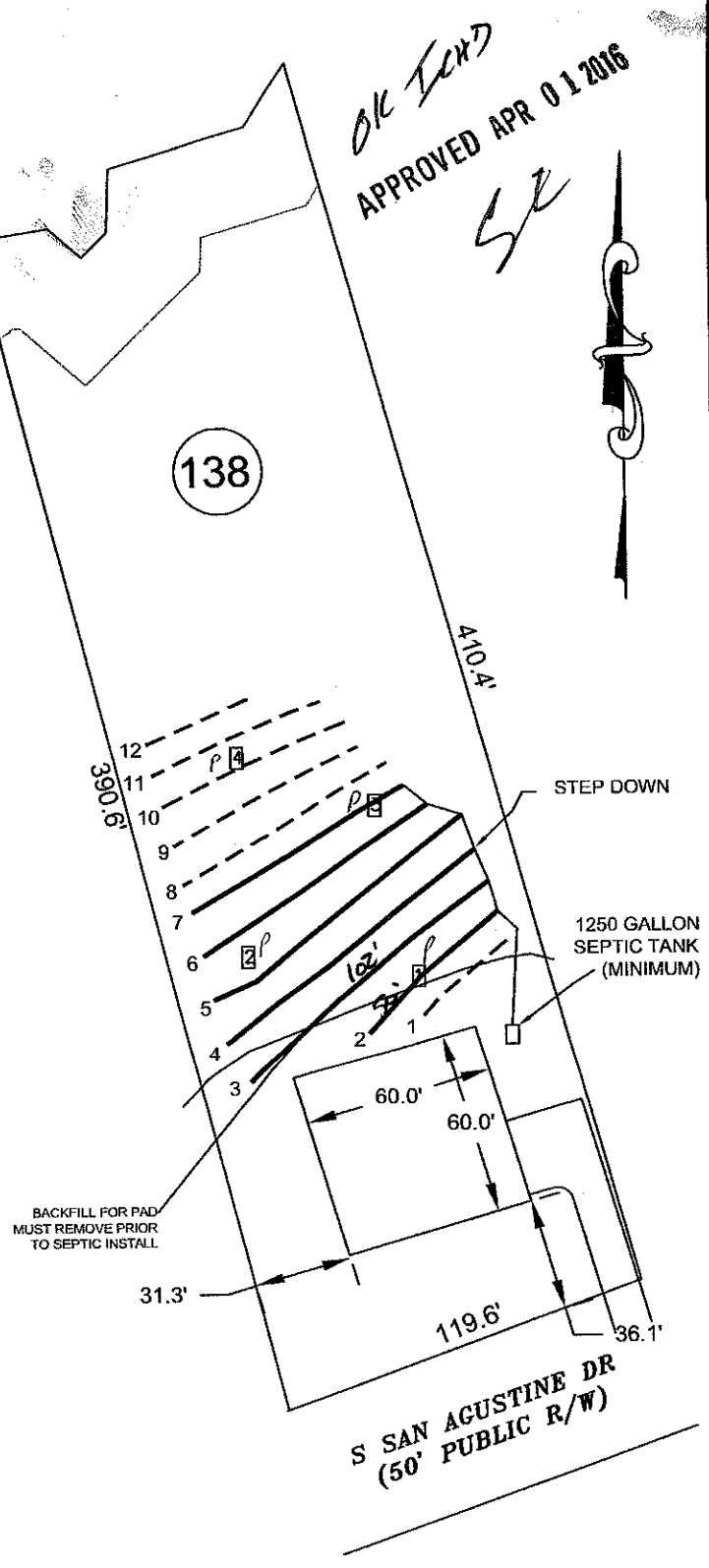
LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	BLUE	2.6	36
2	RED	3.7	57
3	WHITE	5.5	100
4	BLUE	7.3	100
5	YELLOW	10.0	98
6	ORANGE	12.2	84
7	WHITE	15.1	78
8	YELLOW	17.7	75
9	BLUE	20.4	66
10	RED	23.2	63
11	ORANGE	25.6	58
12	WHITE	27.9	35

OK ICHD
APPROVED APR 0 1 2016

LOT 138 BELLS CROSSING SUBDIVISION

5-BEDROOM INNOVATIVE GRAVITY SYSTEM
SERIAL DISTRIBUTION WITH DROP BOXES
LINES 2-7 TOTAL 517 LINEAR FEET (USE 500FT)
EZFLOW OR CHAMBER
LTAR 0.3
25% REDUCTION
~~24"~~ 33" TRENCH DEPTH MAX MB
5-BEDROOM PANEL BLOCK REPAIR
LINES 1 8-12 TOTAL 333 LINEAR FEET
LTAR 0.3
50% REDUCTION

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION



SYSTEM LINE ———

REPAIR LINE — — — —

0 30 60

SCALE:
1" = 60 ft.

Bateman Civil Survey Company
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NCBELS Firm No. C-2378

MeritageHomes

LOT 138
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE:1/24/16 DRAWN BY:MDB CHECKED BY:TMB