IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 216975

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

PIN # 4639-73-9276

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

SITE ADDRESS: 294 S. San Agustine - Mooresville PHONE: 704-658-8616 ALT. PHONE:

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

SUBDIVISION: Bells Crossing SECTION: 4 LOT # 141 LOT AREA: .78 AC DESIGN FLOW: 480 L.T.A.R.: .3

Septic Tank 1000 (gal) STB 760 Date 5-15-16
Pump Tank (gal) PT Date
Pump Make Model Serial #
Nitrification Fields 1 # Lines 7 Linear Ft: 432'
Trench Width 36" Max. Trench Bottom Depth 24" 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 4
☐ Business No. Persons
☐ Other No. Employees
☒ Slab ☐ Crawl Space
☐ Basement w/plumbing ☐ Basement w/o plumbing

Water Supply: ☐ Private ☐ Public ☒ Community

Comments / Conditions: 5/19/16 Reviewed Floor plans, in Compliance with Septic plan.

INITIAL SITE SKETCH

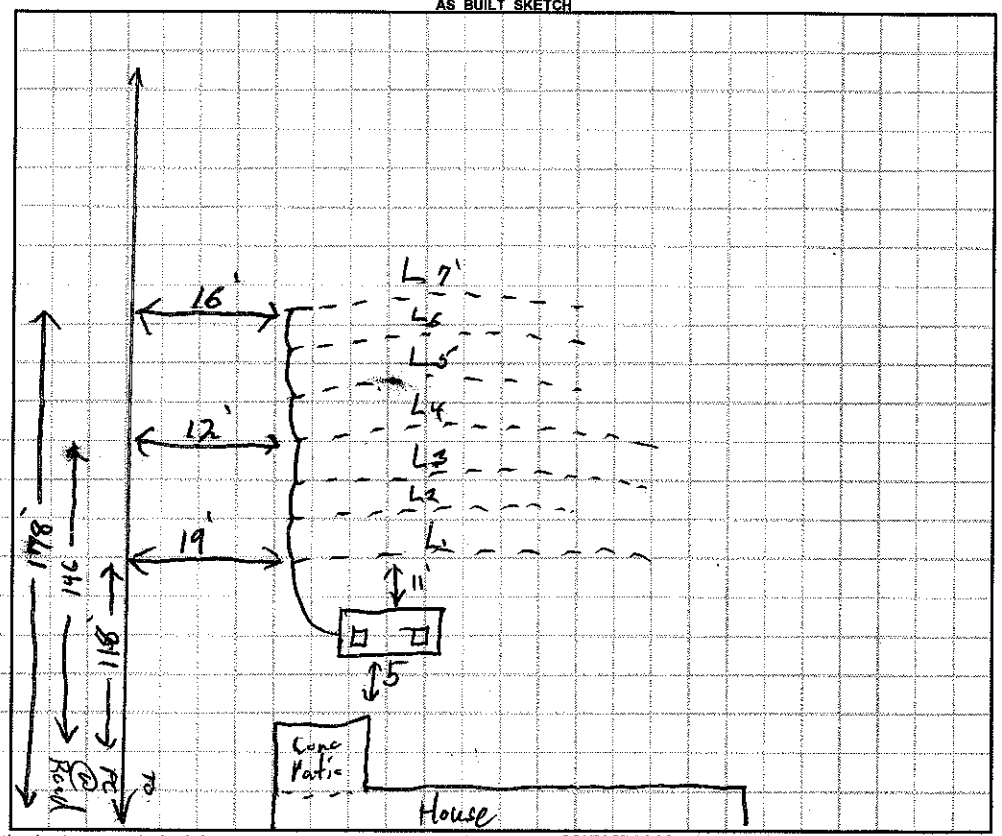
See Plan From BCSC/ICHD

Tank: Mid-seam Shoaf 1' 7" [existing tank]

L1 = 66' 2' 9"
L2 = 54' 4' 3.6"
L3 = 66' 5' 11 7/16"
L4 = 66' 4' 7 3/16"] moved
L5 = 50' 6' 0.5"
L6 = 50' 2' 3.5"] L7 = 50' 4' 3.5"

Quick 4s [Infiltrator] used. 36" wide + installed @ 24" [high side]

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: 4-8-16 Installed by: Carolina Pipe + Septic [Brian Herst]

IMPROVEMENT PERMIT by: Date: 4-6-16 OPERATION PERMIT by: Date: 11-10-16

AUTHORIZATION TO CONSTRUCT by: Date: 5/19/16 Existing System Inspected by: Date:

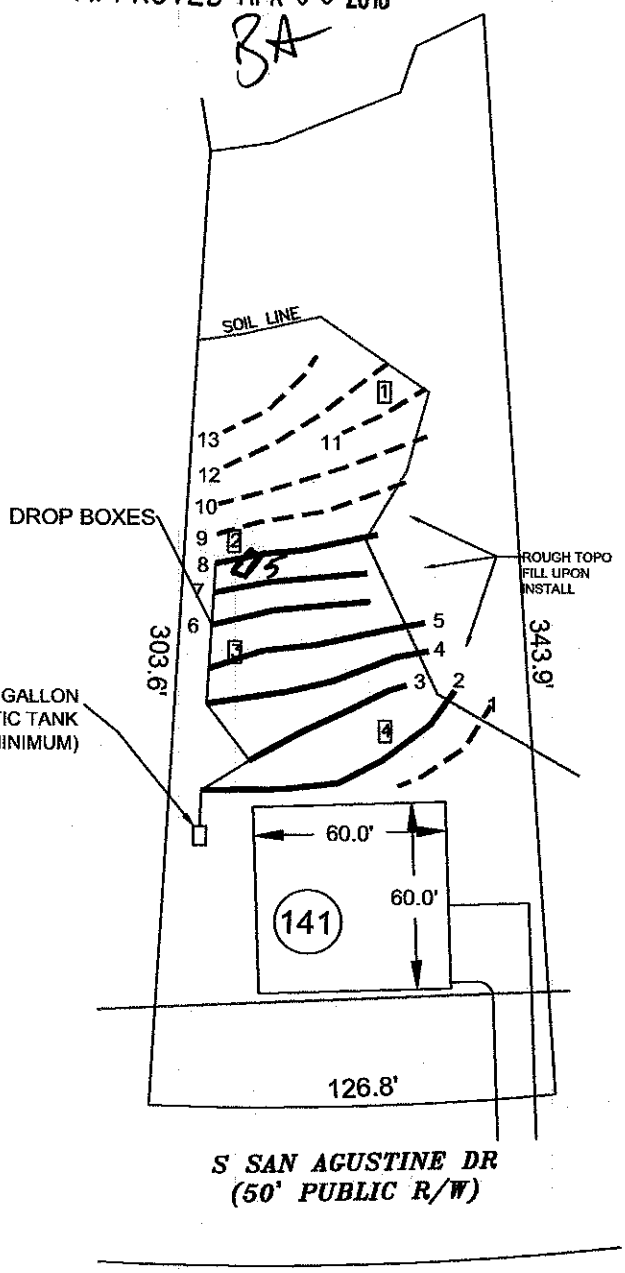
Health Dept. Copy - WHITE Applicant (Final Approval) - YELLOW Applicant (Conditional Approval) - PINK

LINE SCHEDULE

	LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
R	1	YELLOW	3.1	40
I	2	BLUE	4.8	90
	3	ORANGE	5.7	54
	4	PINK	7.2	71
	5	YELLOW	9.5	69
	6	ORANGE	11.0	49
	7	WHITE	13.4	48
	8	BLUE	15.5	51
R	9	YELLOW	16.7	60
	10	RED	18.2	68
	11	ORANGE	19.3	29
	12	WHITE	20.2	50
	13	BLUE	21.3	38
				717

APPROVED APR 0 6 2016

BA



LOT 141 BELLS CROSSING SUBDIVISION

4-BEDROOM ACCEPTED GRAVITY SYSTEM
LINES 2-8 TOTAL 432 LINEAR FEET
EZFLOW OR CHAMBER
24" TRENCH DEPTH
LTAR 0.3
25% REDUCTION

4-BEDROOM LPP FED PANEL BLOCK REPAIR
LINES 1, AND 9-13 TOTAL 285 LINEAR FEET
LTAR 0.3
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 — — — — —

PIT LOCATION [1]

0 30 60

SCALE:
1" = 60 ft.

Bateman Civil Survey Company
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NCBELS Firm No. C-2378

Meritage Homes

LOT 141
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE: 2/13/16 DRAWN BY: MDB CHECKED BY: TMB