IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 216976

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

PIN # 4639-73-8255.000

APPLICANT: Meritage Homes/BCSC APPLICANT ADDRESS: 2524 Reliance Ave. Apex NC

SITE ADDRESS: 300 S. San Agustin Dr. - Mooresville NC PHONE: 704-658-8616 ALT. PHONE:

SITE DIRECTIONS: Right to Bells Crossing, TL S. San Agustin, site on R

SUBDIVISION: Bells Crossing SECTION: P4 LOT # 142 LOT AREA: .75 Acre DESIGN FLOW: 480 GPD. L.T.A.R.: .3 I / .175 R

Septic Tank	1000	(gal)	STB	760	Date	8-8-16	☒ New System	☐ Repair	☐ Expansion	System Type: I II ☒ IV V VI	
Pump Tank	—	(gal)	PT	—	Date	—	System Description:	25% REDUCTION - GRAVITY			
Pump Make	—	Model	—		Serial #	—	Repair System Description:	E-RRPS			
# Nitrification Fields	1	# Lines	6		Linear Ft:	400'	Maintenance Agreement Required:	☐ YES	☒ NO		
Trench Width	36"	Max. Trench Bottom Depth	* 30"-32"		* Gravel Depth	N/A	☒ GRAVITY	☐ PRESSURE			

☒ Residence	No. Bedrooms	4	Water Supply	
☐ Business	No. Persons	8	☐ Private	
☐ Other	No. Employees		☐ Public	
☒ Slab	☐ Crawl Space		☒ Community	
☐ Basement w/plumbing			☐ Basement w/o plumbing	

Comments / Conditions: 5/26/16 Reviewed floor plans, house slightly larger than foot print shown. It still should fit however Septic tank may need to be moved. (See site plan approved 5/26/16)

INITIAL SITE SKETCH

See Attached Approved Design By Bateman Civil Survey Co.

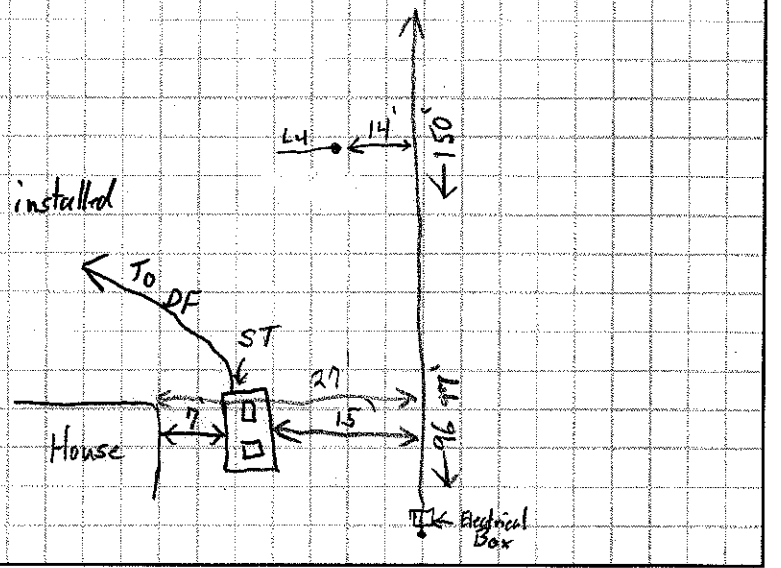
Dated APPROVED APR 2 8 2016

AS BUILT SKETCH

10-21-16: Sloaf mid-seam Conc. tank (1000 gal) w/ Polylok PL-68 Filter

L1: 36'
L2: 90
L3: 78'
L4: 66'
L5: 70
L6: 70
400'
} verified OK by laser.

Quick 4 infiltrator chambers used (installed @ 30"-32")



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: 4-29-16 Installed by: Carolina Pipe Cleaning Brian Hearst

IMPROVEMENT PERMIT by: [signature] APPROVED Date: APR 2 8 2016 OPERATION PERMIT by: Tom Shuck Date: 10/21/16

AUTHORIZATION TO CONSTRUCT by: [signature] RS Date: 5/26/16 Existing System Inspected by: Date:

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

Renseed

Site plan.

LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	WHITE	1.1	20
2	BLUE	2.6	49
3	RED	3.2	24
4	ORANGE	4.0	91
5	PINK	6.4	85
6	RED	8.5	66
7	BLUE	9.8	72
8	ORANGE	11.7	80
9	PINK	13.4	73
10	BLUE	15.3	70
11	RED	16.9	50
12	ORANGE	18.2	30
			710

Approved MD 5/26/16

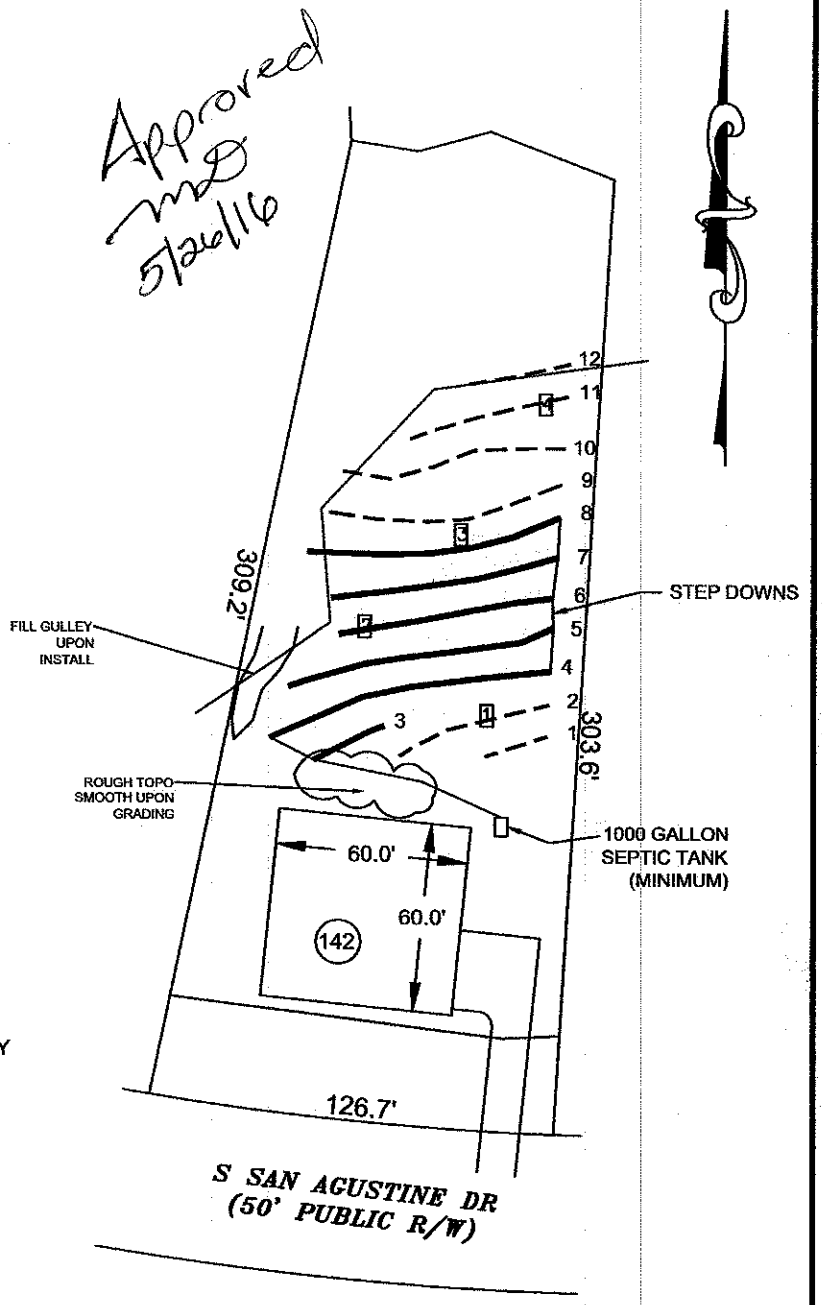
LOT 142 BELLS CROSSING SUBDIVISION

4-BEDROOM INNOVATIVE GRAVITY SYSTEM
LINES 3-8 TOTAL 418 LINEAR FEET
EZFLOW OR CHAMBER
24" MAX TRENCH DEPTH
LTAR 0.3
25% REDUCTION

4-BEDROOM LPP FED PANEL BLOCK REPAIR
LINES 1-2 9-12 TOTAL 292 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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www.batemancivilsurvey.com info@batemancivilsurvey.com
NCBELS Firm No. C-2378

MeritageHomes

LOT 142
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

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