IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 4100 Carolina Pipe 21207

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

PIN # 4639834045 92-4735

APPLICANT: MERITAGE HOMES OF NC INC APPLICANT ADDRESS: 17851 N 85th ST MOORESVILLE AZ 85255

SITE ADDRESS: 215 SOUTH SAN AGUSTIN DR. MOORESVILLE 28117 PHONE: ALT. PHONE: 704-944-8903

SITE DIRECTIONS: PERTH (N) - TL. BELLS CROSSING - TL SAN AGUSTIN - ON LT. PHASE 4 - just before Campsite

SUBDIVISION: BELLS CROSSING SECTION: 4 LOT # 190 LOT AREA: .78 AC DESIGN FLOW: 600 L.T.A.R.: .3 GPD/Ft²

Septic Tank 1500 (gal) STB 954 Date 9-24-16
Pump Tank (gal) PT Date
Pump Make Model Serial #
Nitrification Fields # Lines Linear Ft:
Trench Width Max. Trench Bottom Depth Gravel Depth

☑ New System ☐ Repair ☐ Expansion System Type: I II (III) IV V VI
System Description: GRAVITY 25% REDUCTION
Repair System Description: SAME
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:

INITIAL SITE SKETCH

SEE BATEMAN CIVIL SURVEY COMPANY'S DESIGN.

FF interior of house

AS BUILT SKETCH

3-24-16: Shoaf mid-seam concrete tank (1500 gal) w/ SCH 40 3" PVC conveyance line exiting

Serial Distribution Used

Polylok PL-68 Effluent filter

32" wide plastic chambers (infiltrator) 504 L.F. chamber, installed @ 24" trench depth.

@ S.T. Effluent Filter 6'5.5"

L1 9'5"
L2 20' 11"
L3 12'4"
L4 14'1"
L5 15'4¾"

40' SCH 40 3" Pipe

HOUSE

3'2.5"

FF

10' South

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: 10-26-15 Installed by: Carolina Pipe

IMPROVEMENT PERMIT by: Date: 10/28/15 OPERATION PERMIT by: Thomas Shuck Date: 3-24-16

AUTHORIZATION TO CONSTRUCT by: Date: 10/28/15 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 (FT)
1	ORANGE	1.7	76	76
2	BLUE	3.2	96	96
3	RED	4.9	134	134
4	PINK	6.5	158	158
5a	YELLOW	8.4	34	34
5b	YELLOW	8.4	112	
6	BLUE	10.1	143	
7	ORANGE	11.8	120	
8	PINK	13.5	106	
9	YELLOW	14.8	77	
10	RED	16.6	41	
11	BLUE	18.9	18	

LOT 190 BELLS CROSSING SUBDIVISION

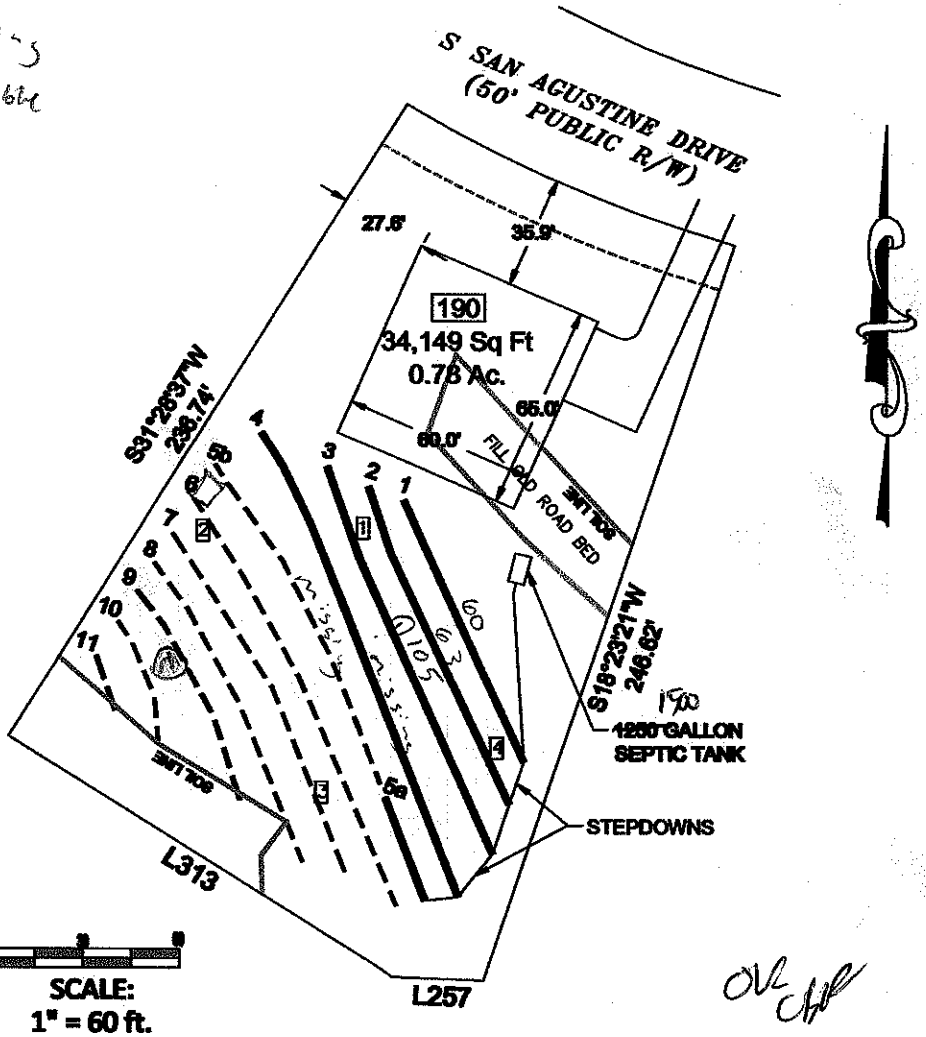
5-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
LINES 1-5a TOTAL 500 LINEAR FEET
EZFLOW OR CHAMBER
LTAR 0.3
25% REDUCTION
24" TRENCH DEPTH

5-BEDROOM ACCEPTED STATUS GRAVITY AT GRADE REPAIR
LINES 5b-11 TOTAL 617 LINEAR FEET
CHAMBER
LTAR 0.25
25% REDUCTION
17" TRENCH DEPTH (ADD 4" OF COUNTY APPROVED COVER)

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

SOIL PROFILES AND ANALYSIS PROVIDED BY
PRICE ENVIRONMENTAL RESOURCE CONSULTING

Front corners missing
1 house corner available



OVL CHP

Bateman Civil Survey Company
Engineers • Surveyors • Planners

MeritageHomes

LOT 190
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE: 5/8/15 DRAWN BY: MDB CHECKED BY: TMB