IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # MD 207301

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

PIN # 4649-03-1352

APPLICANT: Meritage Homes APPLICANT ADDRESS: 11605 N Community Rd Suite 250 Charlotte NC 28217

SITE ADDRESS: 105 Abbeville Ln; Mocksville PHONE: ALT. PHONE:

SITE DIRECTIONS: Hwy 150 W, TR on Perth, TL on Bells Crossing, TL on S. San Agustin, TR on Abbeville, Lot on L on Corner

SUBDIVISION: Bells Crossing SECTION: 3 LOT # 123 LOT AREA: 0.71ac DESIGN FLOW: 480gpd L.T.A.R.: 0.275 (LTAR)

Septic Tank	1000	(gal)	STB 760	Date 2-16-16	☑ New System	☐ Repair	☐ Expansion	System Type: I II (III) IV V VI	☑ Residence	No. Bedrooms 4	Water Supply
Pump Tank	—	(gal)	PT —	Date —	System Description: Gravity 25% Reduction				☐ Business	No. Persons 8	☐ Private
Pump Make	—	Model	—	Serial # —	Repair System Description: TRIP IRRIGATION				☐ Other	No. Employees —	☐ Public
# Nitrification Fields	1	# Lines	8	Linear Ft: 524'	Maintenance Agreement Required:	☐ YES	☑ NO		☑ Slab	☐ Crawl Space	☑ Community
Trench Width	36"	Max. Trench Bottom Depth	24"	Gravel Depth N/A		☑ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing	

Comments / Conditions: - 524' initial system per design -

INITIAL SITE SKETCH

SEE DESIGN BY BATEMAN CIVIL SURVEY COMPANY

Dated/Revised 4-30-15
Approved 5-4-15 ALP

AS BUILT SKETCH

5-27-16: mid seam Shoaf tank w/a Polylok PL-68 Filter used. Top 5 trenches (Quick-4 Infiltrator Chambers) installed w/a 24" trench bottom. Tank turned 90° from drawing to allow walkway to back - SA

5-31-16

	Date	Initials
Drain Lines Checked Top 5	5-27-16	SA
Tanks Checked	5-27-16	SA
Pressure Manifold or Valve Box Checked		
Pressure Head Set		
Electrical Checked		
Floats Set		
Alarm Checked		
Maintenance Contract Y / N		

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: 5-4-15 Installed by: CPC

IMPROVEMENT PERMIT by: Date: 5-4-15 OPERATION PERMIT by: APPROVED Date: MAY 31 2016

AUTHORIZATION TO CONSTRUCT by: Date: 1-13-16 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	RED	1.3	20
2	PINK	2.4	42
3	RED	3.8	40
4	BLUE	5.0	77
5	RED	6.5	100
6	YELLOW	7.4	105
7	BLUE	8.3	20
8	PINK	9.1	120

APPROVED MAY 04 2015
AZP

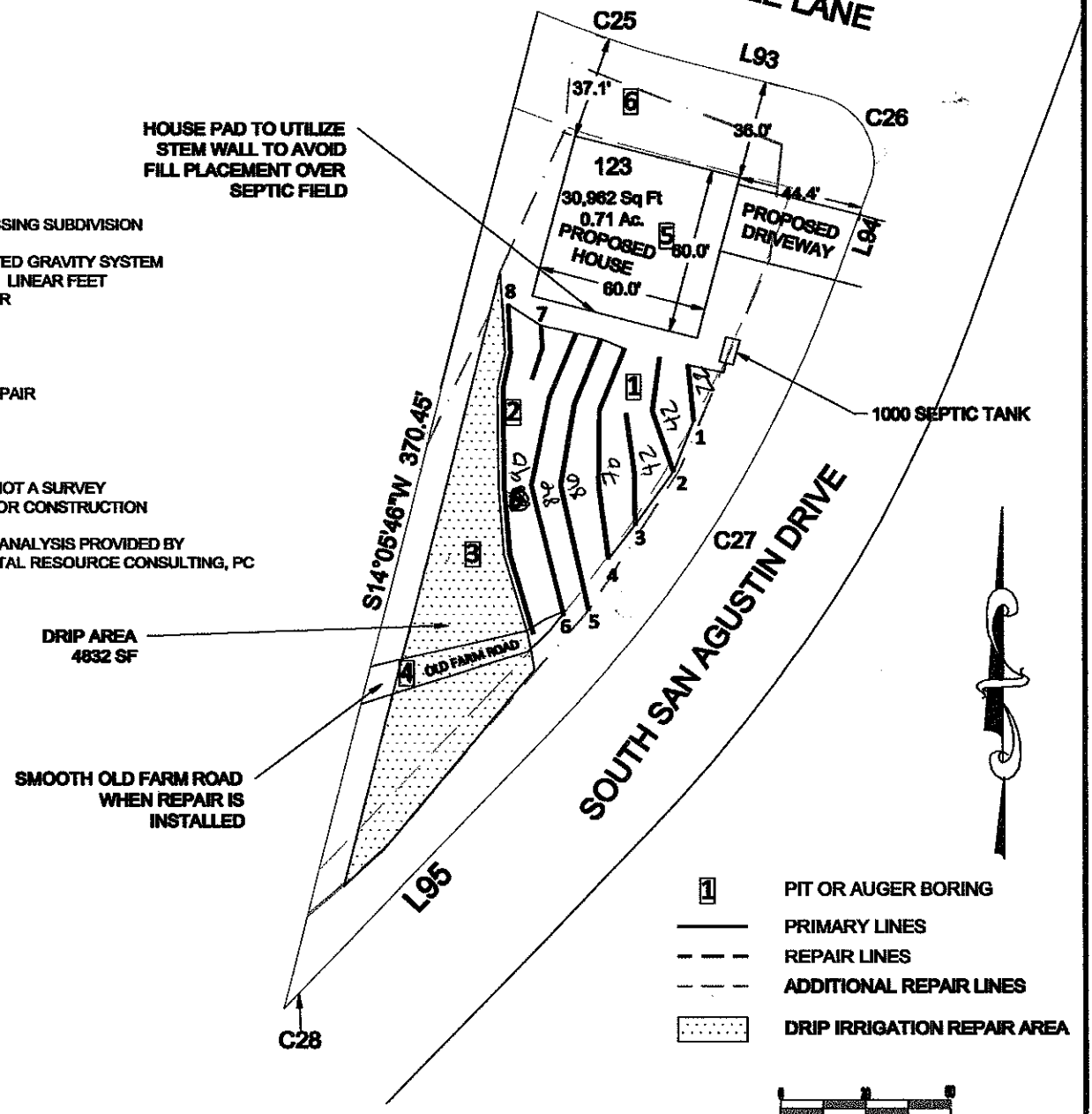
LOT 123 BELLS CROSSING SUBDIVISION

4-BEDROOM ACCEPTED GRAVITY SYSTEM
LINES 1-8 TOTAL 524 LINEAR FEET
EZFLOW OR CHAMBER
LTAR 0.275
25%REDUCTION
24" TRENCH DEPTH

4-BEDROOM DRIP REPAIR
4832 SQ FT
LTAR 0.1
6" TRENCH DEPTH

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

SOIL PROFILES AND ANALYSIS PROVIDED BY
PRICE ENVIRONMENTAL RESOURCE CONSULTING, PC



SCALE:
1" = 60 ft.

Bateman Civil Survey Company
Engineers • Surveyors • Planners
200 N. Main Street, Holly Springs, NC 27540 Ph: 919.577.1080 Fax: 919.577.1081
www.batemancivilsurvey.com info@batemancivilsurvey.com
NCBELS Firm No. C-0278

MeritageHomes

LOT 123

BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY
REVISED 04/30/15
DATE: 02/16/15 DRAWN BY: MB CHECKED BY:TMB