IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # MD 207284

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

PIN # ~~4639-93-9448~~ 4649-03-0870

APPLICANT: Meritage Homes APPLICANT ADDRESS: 11605 N. Community Rd ST 250 Charlotte NC

SITE ADDRESS: 116 Abbeville ~~Court~~ LN- Mooresville PHONE: ALT. PHONE:

SITE DIRECTIONS: Hwy 150 W, TR on Perth, TL on Bells Crossing, TL on S. Sea Augustine, TR on Abbeville Ct, 3rd lot on R

SUBDIVISION: Bells Crossing SECTION: 3 LOT # 110 LOT AREA: 0.94 ac DESIGN FLOW: 480 gpd L.T.A.R.: 0.275

Septic Tank	1000 (gal)	STB	700	Date	9-26-15	☑ New System	☐ Repair	☐ Expansion	System Type: I II ☑ III IV V VI	☑ Residence	No. Bedrooms 4
Pump Tank	(gal)	PT		Date		System Description:	Gravity 35% Reduction			☐ Business	No. Persons 8
Pump Make		Model		Serial #		Repair System Description:	LP PPBPS			☐ Other	No. Employees
# Nitrification Fields	1	# Lines	6	Linear Ft:	472'	Maintenance Agreement Required:	☐ YES	☑ NO		☑ Slab	☐ Crawl Space
Trench Width	36"	Max. Trench Bottom Depth	24"	Gravel Depth	N/A		☑ GRAVITY	☐ PRESSURE		☐ Basement w/plumbing	☐ Basement w/o plumbing

Water Supply: ☐ Private ☐ Public ☑ Community

Comments / Conditions: ~~X~~ See attached Email concerning sediment basin at rear of lot

INITIAL SITE SKETCH

SEE DESIGN BY BATEMAN CIVIL SURVEY COMPANY

(Revised 1-14-15, Approved 1-21-15) ALP

AS BUILT SKETCH

Used Quick 4

installed 456ft of Quick 4

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: 1-21-15 Installed by: Carolina Pipe

IMPROVEMENT PERMIT by: [signature] Date: 1-21-15 OPERATION PERMIT by: Marina Dotson RS Date: 3/11/16

AUTHORIZATION TO CONSTRUCT by: [signature] APPROVED MAR 02 2015 Existing System Inspected by: Date:

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

109

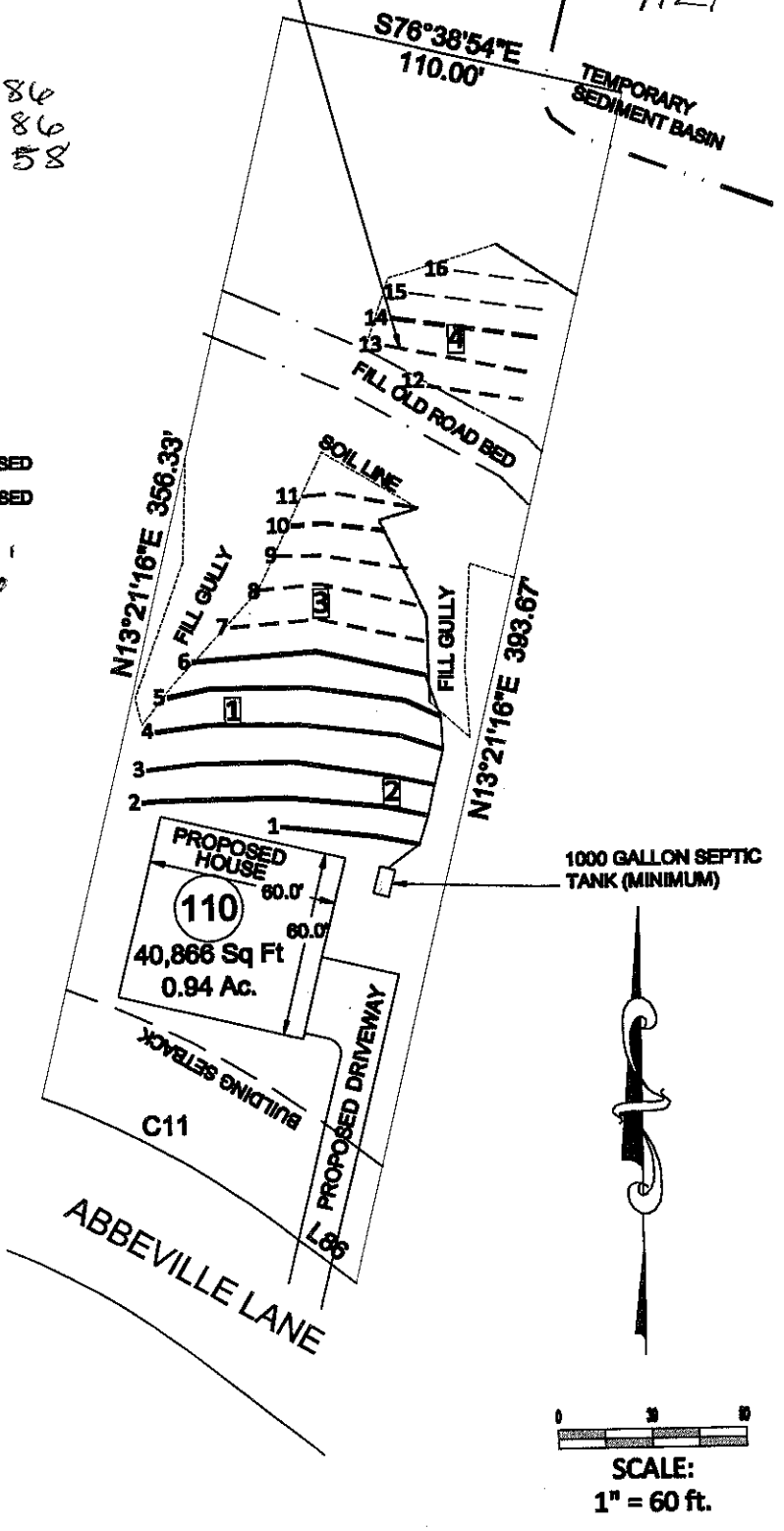
LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	YELLOW	2.6	~~44~~ 46
2	RED	4.0	90
3	ORANGE	6.1	90
4	PINK	7.2	~~89~~ 86
5	BLUE	8.9	~~87~~ 86
6	YELLOW	11.2	~~72~~ 58
7	RED	13.0	60
8	ORANGE	14.3	51
9	PINK	16.1	43
10	BLUE	18.0	30
11	YELLOW	19.7	37
12	ORANGE	23.6	30
13	PINK	25.9	45
14	RED	29.0	44
15	BLUE	31.7	44 NOT USED
16	YELLOW	26.4	28 NOT USED

456'

REMOVE FILL ON THE END OF LINE 13 WHEN THE REPAIR SYSTEM IS INSTALLED

APPROVED JAN 21 2015 AZP



LOT 110 BELLS CROSSING SUBDIVISION

4-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
SERIAL DISTRIBUTION
LINES 1-6 TOTAL 472 LINEAR FEET
EZFLOW OR CHAMBER
LTAR 0.275
25%REDUCTION
24" TRENCH DEPTH

4-BEDROOM LPP FED PANEL BLOCK REPAIR
LINES 7-16 TOTAL 340 LINEAR FEET
LTAR 0.25
50% REDUCTION

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

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

[1] PIT OR AUGER BORING
PRIMARY LINES
REPAIR LINES
ADDITIONAL REPAIR LINES

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 110

BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY
REVISED 01/14/2015
DATE: 12/24/14 DRAWN BY MB CHECKED BY: TMB