IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 Mooresville Office (704) 660-3625 PERMIT # 181580

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

PIN # 4639955462 1468

APPLICANT: Meritage Homes % Matt Burdette APPLICANT ADDRESS: 11605 North Community Rd Suite 250 Charlotte NC 28277

SITE ADDRESS: 156 Leaning Tower Drive PHONE: (704) 658 8616 ALT. PHONE: (704) 3096577

SITE DIRECTIONS: Go Hwy 150 @ TR on Perth Rd TL on Bells Crossing TR on N Saint Agustin Dr TL on Leaning Tower to 5th lot on right

SUBDIVISION: Bells Crossing SECTION: 2 LOT # 33/33A LOT AREA: .99ac/offsite area DESIGN FLOW: 480 L.T.A.R.: .35

Septic Tank	1000	(gal)	STB	460	Date	2-15-15	☑ New System	☐ Repair	☐ Expansion	System Type: I II III IV V VI	☑ Residence	No. Bedrooms	4	Water Supply	
Pump Tank	1000	(gal)	PT	363	Date	4-13-15	System Description: low profile no reduct chamber @ .35				☐ Business	No. Persons	8	☑ Private	
Pump Make	Zoeller		Model	SE 188 F			Repair System Description: drip tube system @ .1 LTAR				☐ Other	No. Employees		☐ Public	
# Nitrification Fields	1	# Lines	5	Serial #			Maintenance Agreement Required:		☐ YES	☑ NO	☑ Slab	☐ Crawl Space		☑ Community	
Trench Width	36"	Max. Trench Bottom Depth	20"	Linear Ft:	460		Gravel Depth N/A		☐ GRAVITY	☑ PRESSURE	☐ Basement w/plumbing		☐ Basement w/o plumbing		

Comments / Conditions: A/C cannot be issued until all offsite and easement areas are survey marked and recorded as perpetual septic system easements for corresponding lot 33. Mound and soil cap must be placed and maintained over initial drainfield after installation w/ ground cover established to stabilize cap.

* OFFSITE SEPTIC EASEMENT AND SUPPLY LINE

INITIAL SITE SKETCH

see approved plans for layout and system design by Matt Burdette, Bateman Civil Engin. and Brian Kreznak, Bateman Civil Engin approved Jan 12, 2015 (21 pages) in offsite area for initial and back of lot 33 for drip system repair. Floor plans were submitted and ~~marked~~ attached

AS BUILT SKETCH

RECORDED 1-27-15, SEE ATTACHED PLAT *

Switch lines 3 & 4 for PM

7/21/15 Checked 4 lines

7/22/15 Checked all lines

7/23/15 Checked PM & taps

	Date	Initials
Drain Lines Checked	7/21-7/22/15	MD
Tanks Checked	7/23/15	MD
Pressure Manifold or Valve Box Checked	7/23/15	MD
Pressure Head Set	8/5/15	SC
Electrical Checked	8/5/15	SC
Floats Set	8/5/15	SC
Alarm Checked	8/5/15	SC
Maintenance Contract Y / N		

* Check distance to water meters when supply line installed

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 cha

☐ IMPROVEMENT PERMIT *with plat* valid without expiration. ☑ IMPROVEMENT PERMIT *with site plan* valid for 60 mos. ☑ AUTHO

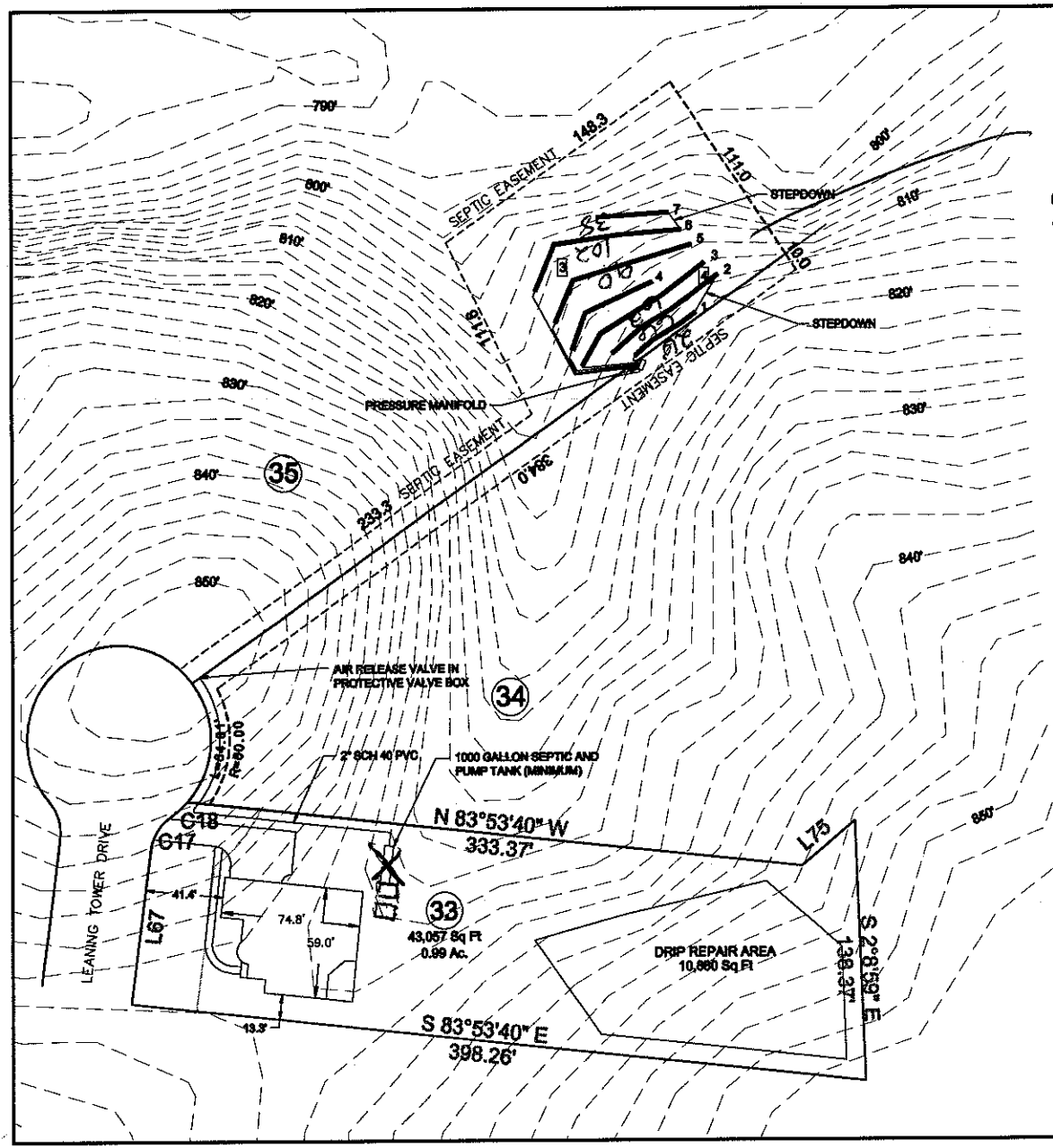
Owner / Applicant Signature: [signature] Date: 1-15-15 Installed by: Carolina Pipe

IMPROVEMENT PERMIT by: Richard Farris Date: 1/12/15 OPERATION PERMIT by: [signature] EMAILED AUG 05 2015

AUTHORIZATION TO CONSTRUCT by: [signature] Date: 1-27-15 Existing System Inspected by: Date:

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

APPROVED JAN 12 2015



lines 3 & 4 got switched MD 7/23/15

Bateman Civil Survey Company
Engineers • Surveyors • Planners
200 N. Main Street, Holly Springs, NC 27540 Ph: 919.577.9080 Fax: 919.577.9081
www.batemancivilsurvey.com info@batemancivilsurvey.com
NCBELS Firm No. C-0578

LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)	DESIGN LENGTH
1	ORANGE	31.5	25	25
2	YELLOW	33.0	71	86
3	ORANGE	35.1	92	90 62
4	PINK	36.8	60	60
5	YELLOW	38.4	90	90
6	BLUE	40.2	102	102
7	PINK	41.4	37	37
	TANKS	20.0		
	TOTAL		477	469

LOT 33 BELLS CROSSING SUBDIVISION

4-BEDROOM PRESSURE MANIFOLD SYSTEM
LINES 1-7 TOTAL 469 LINEAR FEET
LOW PROFILE CHAMBER
LTAR 0.35
0% REDUCTION
20" TRENCH DEPTH MAX

4-BEDROOM DRIP IRRIGATION REPAIR
LTAR 0.1
6" TRENCH DEPTH MAX

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

SOIL PROFILES AND ANALYSIS PROVIDED BY
CENTRAL CAROLINA SOIL CONSULTING PLLC

PRIMARY SYSTEM
REPAIR SYSTEM
REPAIR LINES (NOT USED)
PIT OR AUGER BORING 1

SCALE: 1" = 60 ft.

SEPTIC SYSTEM LAYOUT - LOT 33

FOR

MeritageHomes

BELLS CROSSING PHASE TWO LOT 33
MOORESVILLE, IREDELL COUNTY
REVISED 01/02/15
DATE: 12/05/14 DRAWN BY: TMB CHECKED BY: TMB