IREDELL COUNTY HEALTH DEPARTMENT

Statesville Office (704) 878-5305 | Mooresville Office (704) 660-3625 (ALP) | PERMIT # 207276

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

PIN # 4649-03-4597

APPLICANT: Heritage Homes | APPLICANT ADDRESS: 11605 N. Community Rd. St. 250 Charlotte NC 28216

SITE ADDRESS: 153 South San Agustin Dr. Mooresville NC | PHONE: 704-609-6757 | ALT. PHONE:

SITE DIRECTIONS: Peach Rd. N. to Bells Crossing, to San Agustin, 10th lot on L

SUBDIVISION: Bells Crossing | SECTION: 3 | LOT # 5 | LOT AREA: | DESIGN FLOW: 480 GPD | L.T.A.R.: .25 Initial .22 Rep

Septic Tank	1000 (gal)	STB	760	Date	5-10-2016
Pump Tank	(gal)	PT		Date	
Pump Make		Model		Serial #	
# Nitrification Fields	1	# Lines	6	Linear Ft:	480'
Trench Width	36"	Max. Trench Bottom Depth*	32" / 20" Low side	* Gravel Depth	N/A

☒ New System ☐ Repair ☐ Expansion | System Type: I II (III) IV V VI

System Description: 25% Reduction - Gravity

Repair System Description: LPP PODS

Maintenance Agreement Required: ☐ YES ☒ NO

☒ GRAVITY ☐ PRESSURE

☒ Residence ☐ Business ☐ Other ☒ Slab ☐ Basement w/plumbing

No. Bedrooms 4 | No. Persons 8 | No. Employees | ☐ Crawl Space

Water Supply: ☐ Private ☐ Public ☒ Community

☐ Basement w/o plumbing

Comments / Conditions: No Fill To Be Placed In Repair Area. Area Can Be Smoothed And Rough Topo Restored, But Not Disrupting Any Grade Below Evaluated Soils.

1/26/16 Reviewed Floor plans, in Compliance with Septic plan

8-11-16: Install Depth modified to be 28" max on low side per installer (Brian Heard) + Ben Aldridge (EHS) OK

32" OK per Ben Aldridge

INITIAL SITE SKETCH

See Attached Approved Plan

From Bateman Civil Survey

Dated APPROVED FEB 02 2016

AS BUILT SKETCH

8-11-16: Shoot mid-seam 1000 gal conc tank w/ Polylok PL-68 filter @ tank 3' 6.5" Conveyance fall OK

L1 4' 6" OK 26'

L2 Level 130'

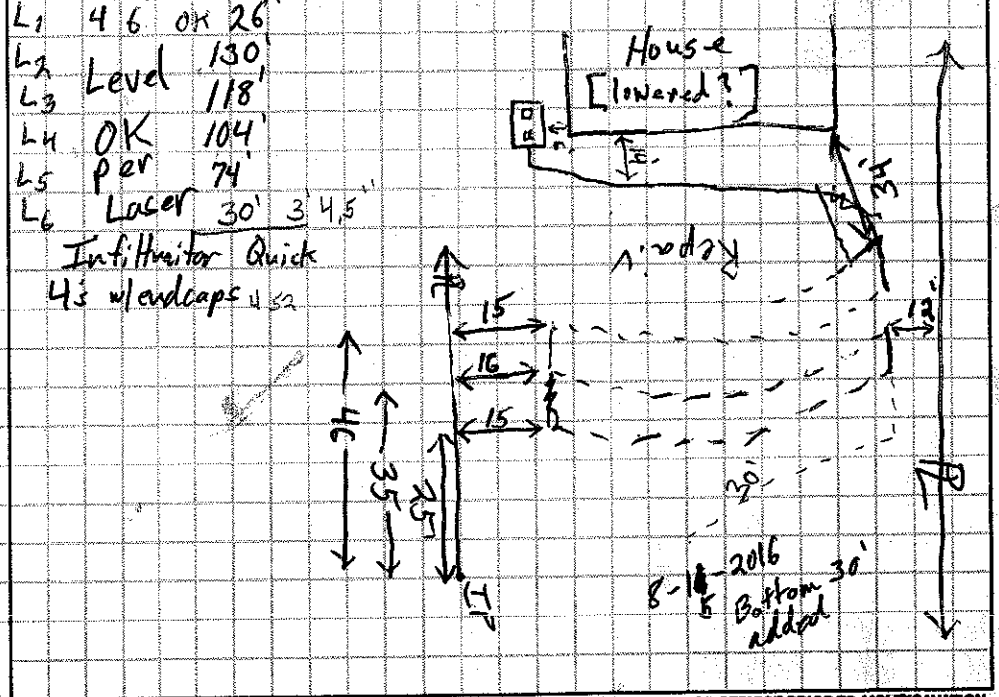
L3 Level 118'

L4 OK 104'

L5 per 74'

L6 Laser 30' 3 4.5"

Infiltrator Quick 4's w/ endcaps 4.52



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: 8-4-15 | Installed by: Carolina Pipe

IMPROVEMENT PERMIT by: [signature] APPROVED FEB 02 2016 Date: FEB 02 2015 | OPERATION PERMIT by: [signature] Date: 8-15-2016

AUTHORIZATION TO CONSTRUCT by: [signature] RS Date: 1/26/16 | 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	ORANGE	3.2	23
2	BLUE	4.0	46
3	YELLOW	5.0	63
4	RED	6.3	76
5	PINK	7.0	88
6	BLUE	8.2	27
7	ORANGE	8.8	132
8	RED	10.6	115
9	BLUE	13.0	105
10	RED	16.0	73
11	ORANGE	18.7	28

LOT 5 BELLS CROSSING SUBDIVISION

4-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
LINES 6-11 TOTAL 480 LINEAR FEET
EZFLOW OR CHAMBER
LTAR 0.25
25%REDUCTION
20" TRENCH DEPTH

4-BEDROOM LPP FED PANEL BLOCK REPAIR
LINES 1-5 TOTAL 298 LINEAR FEET
LTAR 0.275
50% REDUCTION
28" TRENCH DEPTH

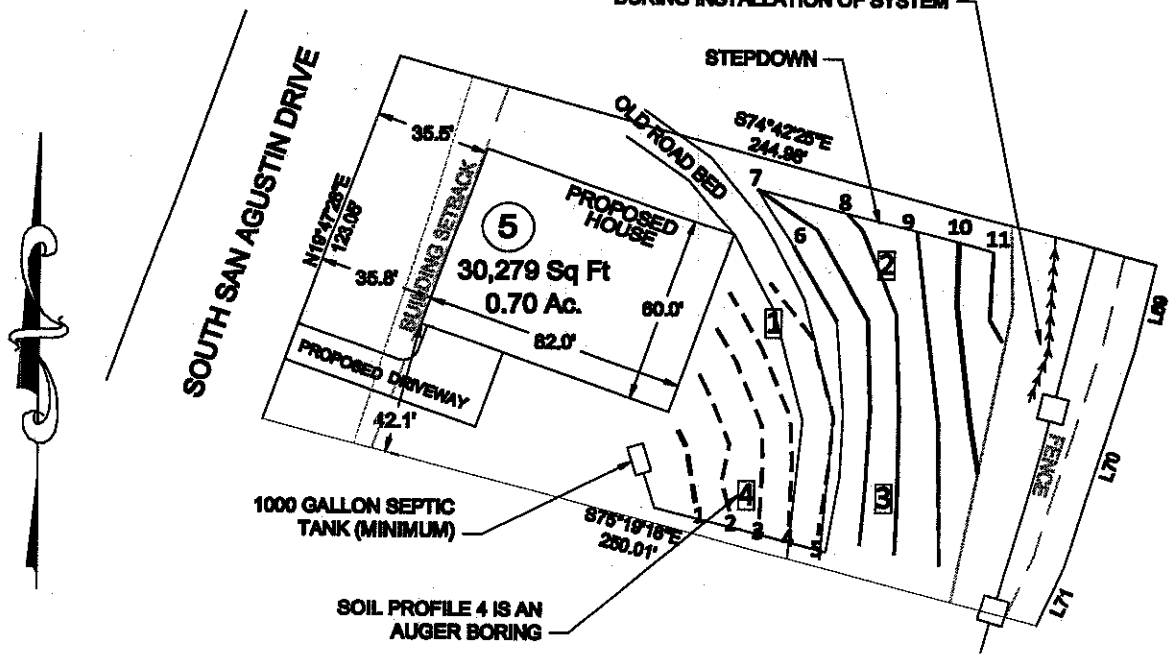
FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

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

I and OK
APPROVED FEB 02 2015
SL

NOTE:
THERE IS SOME INCONSISTANT TOPO IN THE REPAIR AREA. INSTALLER SHOULD SMOOTH AREA AT TIME OF INSTALLATION.

ADJUST SMALL DRAINAGE FEATURE TO MAINTAIN 15' SEPARATION FROM LINE 11 DURING INSTALLATION OF SYSTEM



1 PIT OR AUGER BORING

PRIMARY LINES

REPAIR LINES

ADDITIONAL REPAIR LINES

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-0578

MeritageHomes

LOT 5
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY
REVISED 01/27/15
DATE: 01/05/15 DRAWN BY MB CHECKED BY: TMB

REVISION