LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	ORANGE	0.8	60
2	BLUE	1.8	76
3	YELLOW	2.9	82
4	PINK	3.5	91
5	ORANGE	5.9	104
6	BLUE	7.5	98
7	RED	9.0	73
8	YELLOW	10.2	57
9	PINK	12.4	43
10	PINK	14.0	24
11	ORANGE	15.9	15

LOT 170 BELLS CROSSING SUBDIVISION

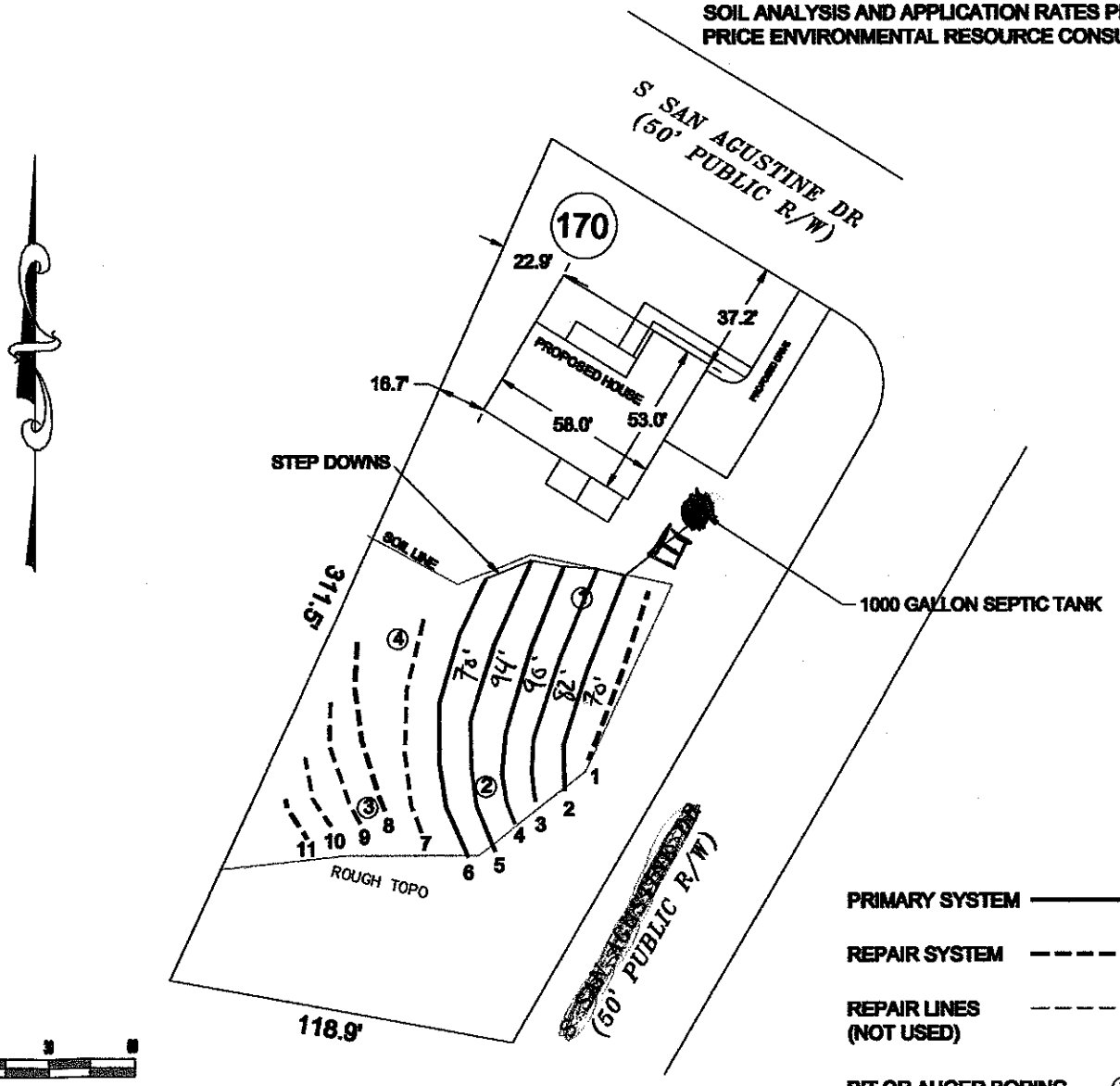
4-BEDROOM INNOVATIVE GRAVITY SYSTEM
LINES 2-6 TOTAL 451 LINEAR FEET (USE 400FT)
EZFLOW OR CHAMBER
LTAR 0.3
25% REDUCTION
36" TRENCH DEPTH

11-17-15
34"
MDB

4-BEDROOM PANEL BLOCK REPAIR
LINES 1 7-11 TOTAL 272 LINEAR FEET
LTAR 0.3
50% REDUCTION
28" TRENCH DEPTH ADD SIX INCHES OF COVER

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

SOIL ANALYSIS AND APPLICATION RATES PROVIDED BY
PRICE ENVIRONMENTAL RESOURCE CONSULTING,PC



PRIMARY SYSTEM ——————

REPAIR SYSTEM - - - - - - - -

REPAIR LINES (NOT USED) - - - - - - - -

PIT OR AUGER BORING ①

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-2378

MeritageHomes

LOT 170
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE:11/5/15 DRAWN BY:MDB CHECKED BY:TMB

PERC SOIL/SITE EVALUATION DESCRIPTIONS

Client: Bateman Civil Survey Company, PC — Date Evaluated: Oct-15

Location of site: Bells Crossing Phase 4 Lot 170

Water Supply: [ ] Public [ ] Individual [ ] Well [ ] Spring [ ] Other

Evaluation Method: [X] Auger Boring [ ] Pit [ ] Cut

Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	.1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY .1941 .1941 Structure/ Texture	.1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
bor 1	LS 10%	0-21	ABK / C	FR SS SP	NA	46	need pit	NA	PS
		21-36	W SBK / CL	FR SS SP	w/ sap inclusions		to evaluate		0.3
		36-46	W SBK / CL	FR SS SP	w/ sap and rock incl				
		46-52	SLESS SAP L	FR SS SP					
bor 2	LS 15%	0-1	C fill		NA	50	NA	NA	PS
		1-3	W SBK / SCL	FR SS SP					0.3
		3-30	ABK / C	FR SS SP		49 minus			
		30-50	W ABK / CL	FR SS SP	w/ sap inclusions	fill			
bor 3	LS 15%	0-20	ABK / C	FR SS SP	NA	40	NA	NA	PS
		20-35	W SBK / CL	FR SS SP	w/ sap inclusions				0.3
		35-40	W SBK / CL	FR SS SP	w/ sap and yellow rock				
		40-49	SLESS SAP L	FR SS SP					
bor 4	LS 10%	0-6	W SBK / CL	FR SS SP	NA	48	NA	NA	PS
		6-28	ABK / C	FR SS SP					0.3
		28-40	W SBK / CL	FR SS SP	w/ sap inclusions				
		40-48	W SBK / CL	FR SS SP	w/ sap and rock				

COMMENTS: Borings 1 and 2 are in a cleared area. All borings have mica in them.

Evaluation By: Steven Price

Landscape Position	Group	Texture	.1955 LTAR	Structure
R-Ridge	I	S-Sand	1.2 - 0.8	SG-Single Grain
SS-Shoulder Slope		LS-Loamy Sand		M-Massive
LS-Linear Slope				CR-Crumb
FS-Foot Slope	II	SL-Sandy Loam	0.8 - 0.6	GR-Granular
NS-Nose Slope		L-Loam		SBK-Subangular Blocky
HS-Head Slope				ABK-Angular Blocky
CC-Concave Slope	III	SI-Silt	0.6 - 0.3	PL-Platy
CV-Convex Slope				PR-Prismatic
T-Terrace		SICL-Silty Clay Loam		W-Weak
FP-Flood Plain		CL-Clay Loam		
		SCL-Sandy Clay Loam		
	IV	SC-Sandy Clay	0.4 - 0.1	
		SIC-Silty Clay		
		C-Clay		

Consistence Moist	Consistence Wet
VFR-Very Friable	NS-Non-Sticky
FR-Friable	SS-Slightly Sticky
FI-Firm	S-Sticky
VFI-Very Firm	VS-Very Sticky
EFI-Extremely Firm	NP-Non-Plastic
	SP-Slightly Plastic
	P-Plastic
	VP-Very Plastic

