LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	YELLOW	0.2	21
2	RED	1.8	34
3	YELLOW	2.9	53
4	ORANGE	4.1	74
5	PINK	5.7	90
6A	BLUE	7.7	50
6B	BLUE	7.7	50
7	RED	9.2	126
8	YELLOW	10.9	128
9	PINK	13.3	98
10	BLUE	14.8	76
11	ORANGE	17.0	34

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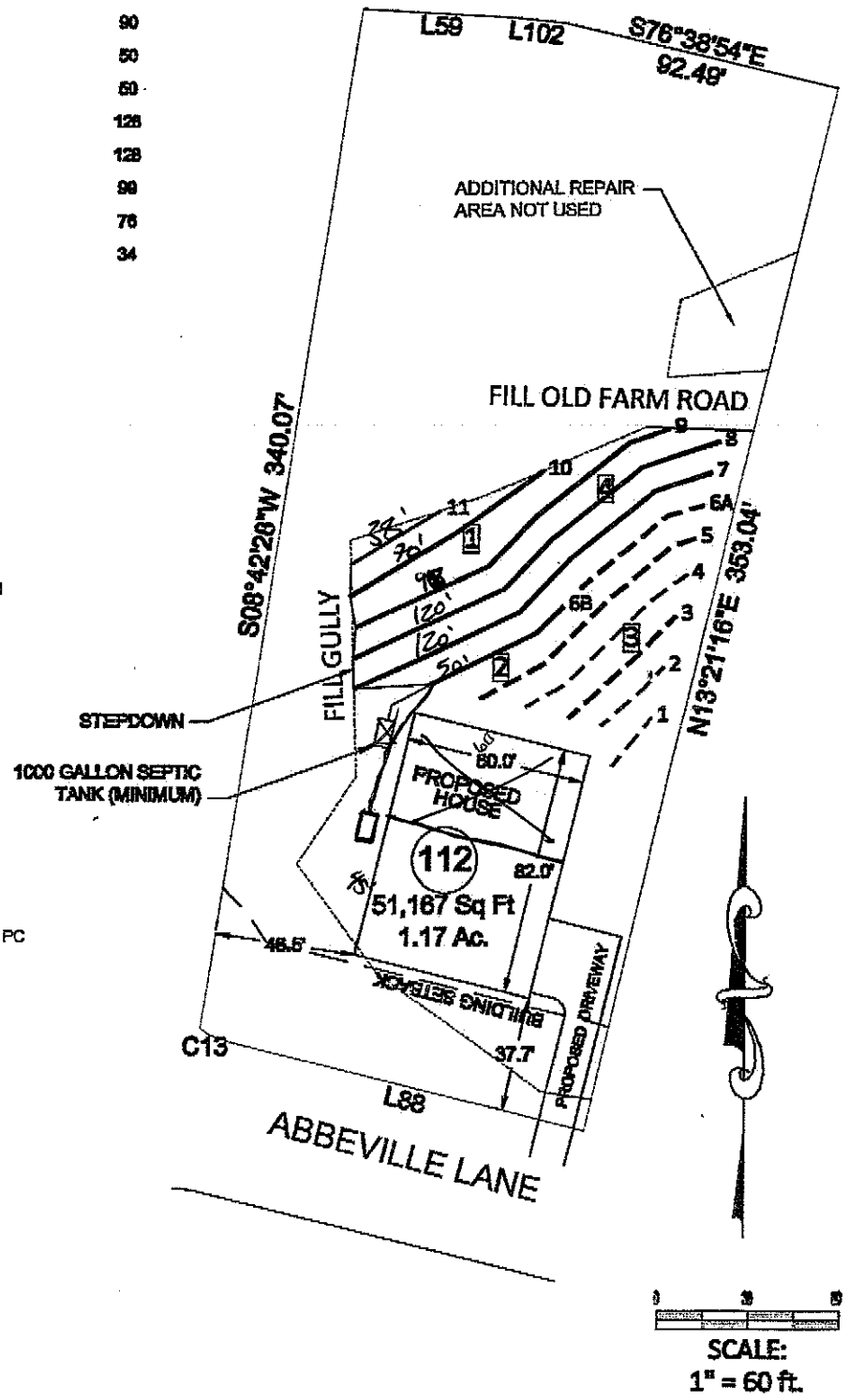
LOT 112 BELLS CROSSING SUBDIVISION

4-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
SERIAL DISTRIBUTION
LINES 6B-11 TOTAL 515 LINEAR FEET
EZFLOW OR CHAMBER
LTAR 0.25
25%REDUCTION
24" TRENCH DEPTH

4-BEDROOM LPP FED PANEL BLOCK REPAIR
LINES 1-6A TOTAL 322 LINEAR FEET
LTAR 0.275
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: 919.577.2080 Fax: 919.577.2081
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NCBELS Firm No. C-0259

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LOT 112
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY
REVISED 01/15/15

PERC SOIL/SITE EVALUATION DESCRIPTIONS

Client: Bateman Civil Survey Company, PC Date Evaluated: 11/14/2014 and 1/9/15

Location of site: Bells Crossing Lot 112

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

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

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

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY 1941		b PROFILE FACTORS				
			1941 Structure/ Texture	1941 Consistence Mineralogy	1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr Horiz	Profile Class & LTAR
1	LS 20%	0-4	W SBK / SCL	FI SS SP	>57	35	PS	NA	PS 0.275
		4-8	SBK / C	VFI SS SP					
		8-26	SBK / C	FI SS SP					
		26-35	W SBK / CL	FR SS SP					
		35-57	SLESS SAP / SL	FR SS SP					
2	LS 20%	0-8	W SBK / SCL	FR SS SP	>46	46+	NA	NA	PS 0.275
		8-35	SBK / C	FI SS SP					
		35-46	W SBK / CL	FI SS SP					
3	LS 15%	0-7	W SBK / SCL	FR SS SP	>62	45	PS	NA	PS 0.275
		7-34	SBK / C	FI SS SP					
		34-45	W SBK / CL	FR SS SP					
		45-62	SLESS SAP / L	FR SS SP					
4	LS 20%	0-7	W SBK / SCL	FR SS SP	>48	48+	NA	NA	PS 0.275
		7-24	SBK / C	FI SS SP					
		24-48	W SBK / CL	FI SS SP	RELIC MOTTLES @ 24"				

COMMENTS: Pit 1 compacted to 8", weathered rock (white) inclusions at bottom of profile, depth to saprolite varies between 30 and 40".
Pit 2 <50% saprolite in profile starting at 35". Pit3 <50% sap starting at 36", weathered rock (yellow, black) <20% in profile.
Pit 4 weathered rock (yellow, black) <20% in profile, some vertical saprolite bands starting at 24" (<50%).

Evaluation By: Steven Price

Landscape Position	Group	Texture	1955 LTAR
R-Ridge	I	S-Sand	1.2 - 0.8
SS-Shoulder Slope		LS-Loamy Sand	
LS-Linear Slope			
FS-Foot Slope	II	SL-Sandy Loam	0.8 - 0.6
NS-Nose Slope		L-Loam	
HS-Head Slope			
CC-Concave Slope	III	SI-Silt	0.6 - 0.3
CV-Convex Slope			
T-Terrace		SICL-Silty Clay Loam	
FP-Flood Plain		CL-Clay Loam	
		SCL-Sandy Clay Loam	
	IV	SC-Sandy Clay	0.4 - 0.1
		SIC-Silty Clay	
		C-Clay	

Structure
SG-Single Grain
M-Massive
CR-Crumb
GR-Granular
SBK-Subangular Blocky
ABK-Angular Blocky
PL-Platy
PR-Prismatic
W-Weak

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

LICENSED SOIL SCIENTIST STEVEN M. PRICE 1165 STATE OF NORTH CAROLINA

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