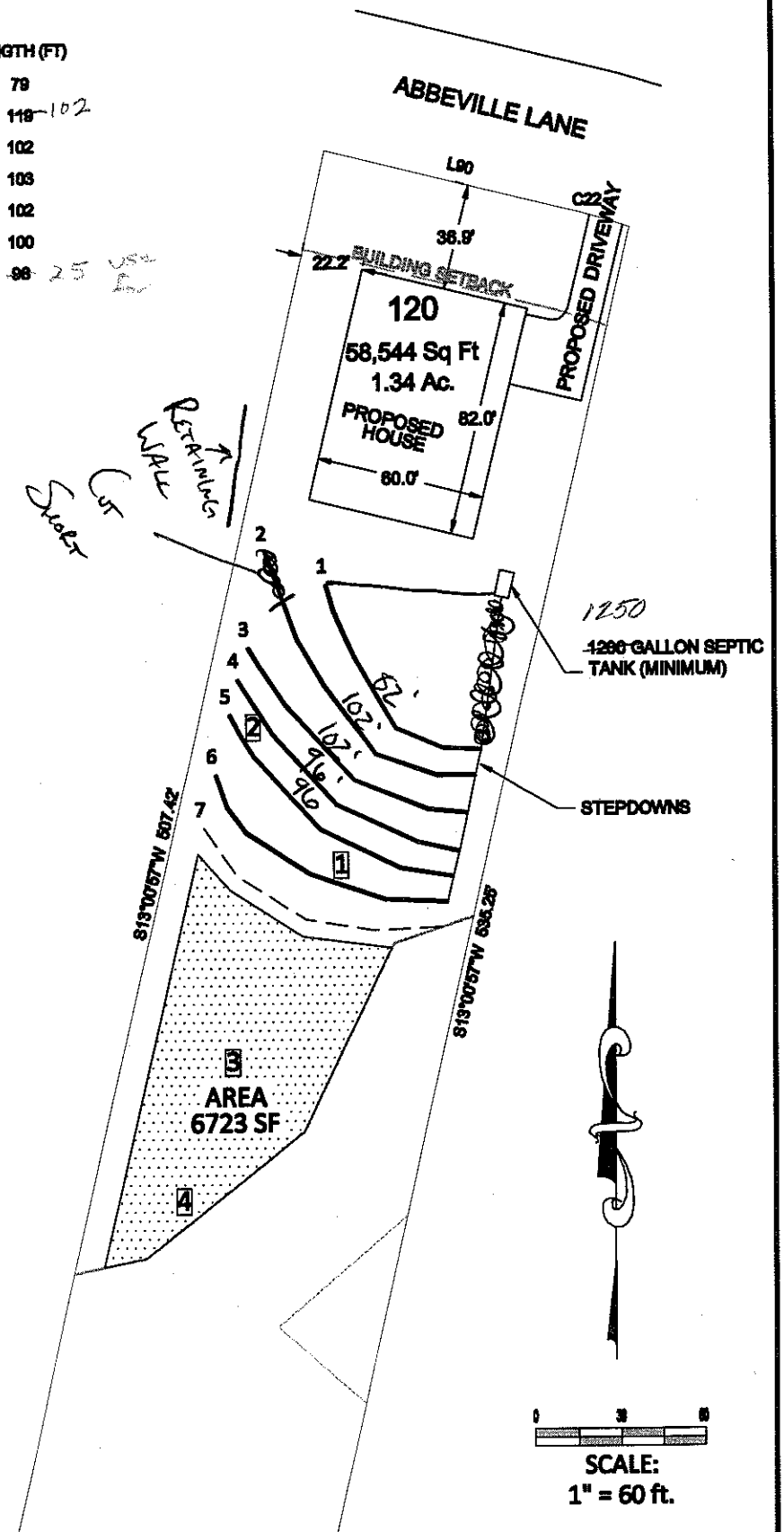
LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	ORANGE	1.0	79
2	YELLOW	2.8	~~119~~ 102
3	BLUE	4.8	102
4	ORANGE	6.9	103
5	PINK	8.8	102
6	RED	11.3	100
7	YELLOW	12.2	~~98~~ 25 USE

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LOT 120 BELLS CROSSING SUBDIVISION

5-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
SERIAL DISTRIBUTION
LINES 1-6 TOTAL 605 LINEAR FEET
EZFLOW OR CHAMBER
LTAR 0.25
25%REDUCTION
24" TRENCH DEPTH

5-BEDROOM DRIP IRRIGATION REPAIR
LTAR 0.1
AREA REQUIRED 6000 SF
6" TRENCH DEPTH

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
DRIP IRRIGATION REPAIR AREA

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-3578

MeritageHomes

LOT 120
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE: 01/06/15 DRAWN BY AH CHECKED BY: TMB

REVISION

PERC SOIL/SITE EVALUATION DESCRIPTIONS

Client: Bateman Civil Survey Company, PC

Date Evaluated: 11/4/2014 and Jan 2015

Location of site: Bells Crossing Lot 120

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				Profile Class & LTAR
			1941 Structure/ Texture	1941 Consistence Mineralogy	1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr Horiz	
1	LS 15%	0-5	W SBK / SCL	FR SS SP	>44	44+	NA	NA	PS 0.3
		5-34	ABK / C	FI SS SP					
		34-44+	W SBK / CL	FR SS SP					
2	LS 15%	0-6	W SBK / SCL	FR SS SP	>48 relic mottles	40	PS	NA	PS 0.275
		6-25	ABK / C	FI SS SP					
		25-40	W ABK / CL	FI SS SP					
		40-48	SLESS SAP / SL	FR SS SP					
3	LS 20%	0-7	W SBK / SCL	FR SS SP	>48	32	PS	NA	PS 0.275
		7-25	ABK / C	FI SS SP					
		25-32	W SBK / CL	FR SS SP					
		32-48	SLESS SAP / SL	FR SS SP					
4	NS 20%	0-9	W SBK / SCL	FR SS SP	26 relic mottles @ 15" 10YR 7/2	26	NA	26	PS DRIP 0.1
		9-26	ABK / C	FI SS SP					
		26-40	W ABK / CL	FI SS SP					

COMMENTS: Pit 1 saprolite inclusions @ 34". Pit 2 weathered rock and saprolite inclusions @ 30".
Pit 3 saprolite inclusions @ 25". Pit 4 weathered rock and saprolite inclusions @ 26 in profile.

Evaluation By: Steven Price

I CAN OK

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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
VFR-Very Friable
FR-Friable
FI-Firm
VFI-Very Firm
EFI-Extremely Firm

Consistence Wet
NS-Non-Sticky
SS-Slightly Sticky
S-Sticky
VS-Very Sticky
NP-Non-Plastic
SP-Slightly Plastic
P-Plastic
VP-Very Plastic

