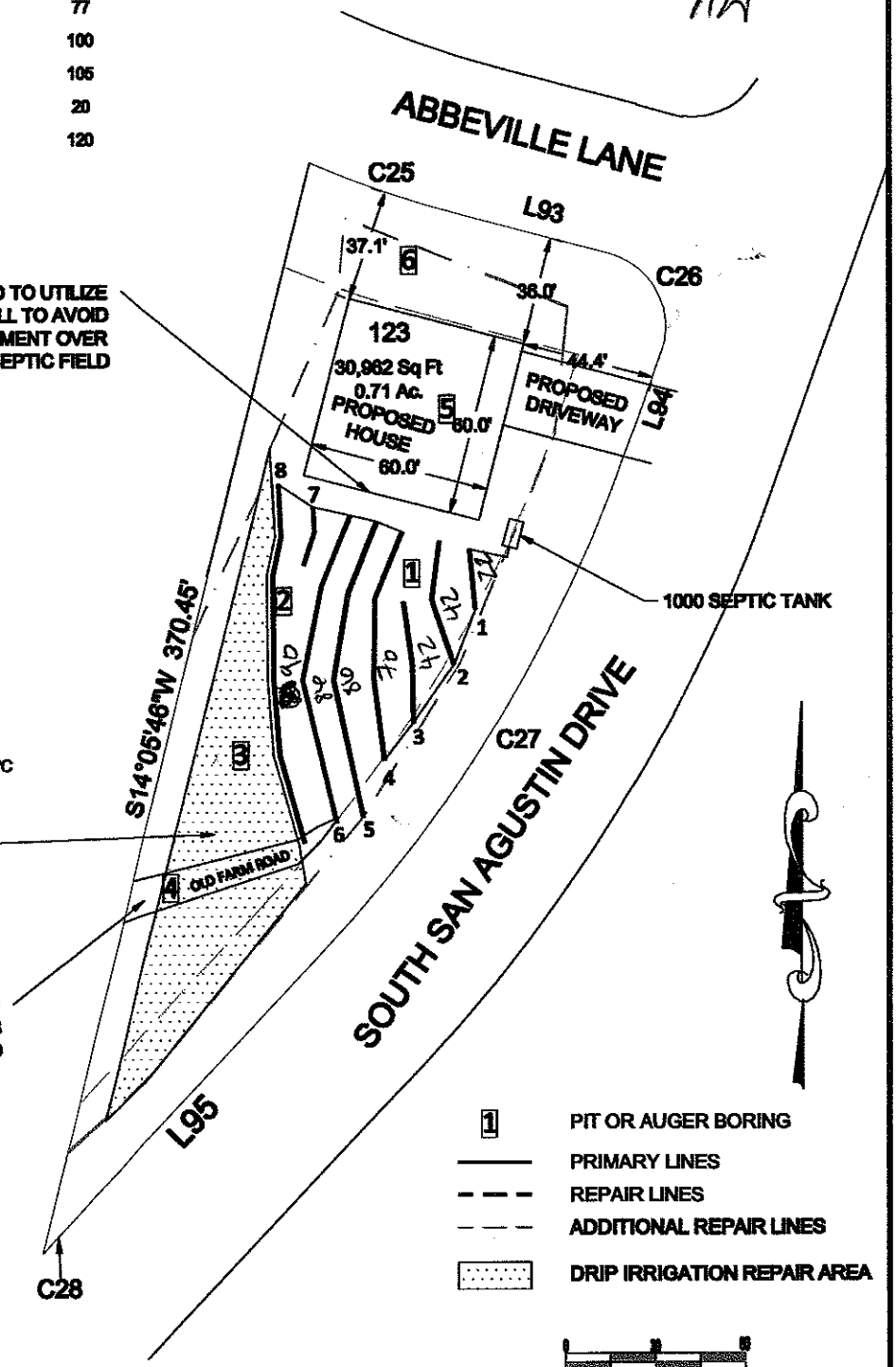
LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	RED	1.3	20
2	PINK	2.4	42
3	RED	3.6	40
4	BLUE	5.0	77
5	RED	6.5	100
6	YELLOW	7.4	105
7	BLUE	8.3	20
8	PINK	9.1	120

APPROVED MAY 04 2015



LOT 123 BELLS CROSSING SUBDIVISION

4-BEDROOM ACCEPTED GRAVITY SYSTEM
LINES 1-8 TOTAL 524 LINEAR FEET
EZFLOW OR CHAMBER
LTAR 0.275
25%REDUCTION
24" TRENCH DEPTH

4-BEDROOM DRIP REPAIR
4832 SQ FT
LTAR 0.1
6" TRENCH DEPTH

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

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

SCALE:
1" = 60 ft.

Bateman Civil Survey Company
Engineers • Surveyors • Planners

MeritageHomes

LOT 123
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY
REVISED 04/30/15
DATE: 02/16/15 DRAWN BY: MB CHECKED BY:TMB

PERC SOIL/SITE EVALUATION DESCRIPTIONS

Client: Bateman Civil Survey Company, PC — Date Evaluated: 11/4 & 11/24/2014 and Jan 2015

Location of site: Bells Crossing Lot 123

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 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
1	LS 20%	0-5	W SBK / SCL	FR SS SP	>48	48+	NA	NA	PS 0.3
		5-37	SBK / C	FI SS SP					
		37-48+	W SBK / CL	FR SS SP					
2	LS 20%	0-5	GR / SL	FR SS SP	>48	48+	NA	NA	PS 0.3
		5-33	SBK / C	FI SS SP					
		33-39	SBK / CL	FI SS SP					
		39-48	W SBK / SCL	FR SS SP					
3	LS 15%	0-6	GR / SL	FR SS SP	>40	40+	NA	NA	PS 0.275
		6-20	SBK / C	FI SS SP					
		20-40	W SBK / CL	FR SS SP					
4	NS 15%	0-6	GR / SL	FR SS SP	>48	15	NA	15	PS PRE DRIP 0.1
		6-15	SBK / C	FI SS SP					
		15-48	W SBK / SCL	FR SS SP	Weathered Rock ~ 50% @ 15"	RANGES 12" TO 20"			
5	LS 15%	0-5	W SBK / SCL	FR SS SP	>48	48+	NA	NA	PS 0.275
		5-33	SBK / C	FI SS SP					
		33-48	ABK / C	FI SS SP					
6	HS 10%	0-28	SBK / C	FI SS SP	>53	53+	NA	NA	PS 0.275
		28-53	W SBK / CL	FR SS SP					

COMMENTS: Pit 1profile has inclusions of quartz vein and some weathered rock (<10%). Pit 2 has rock vein with some weathered rock (<10%) saprolite inclusions @ 39". Pit 3 weathered rock fragments @20" (<30%). Pit 5 saprolite inclusions @ 33". Pit 6 inclusions of rock in profile (<10%).

Evaluation By: Steven Price

P1 0-7 b scl 6- Fr ss sp sl ex p
7-28 R C N P SBK
28-40 R CL N P SBK
40-48 R C N P SBK

P2 0-8 b scl 6- Fr ss sp sl ex p
8-13 R C N P SBK
13-21 R C N P SBK
21-36 M CL N P SBK
36-48 M CL N P SBK

LICENSED SOIL SCIENTIST STEVEN M. PRICE 1153 STATE OF NORTH CAROLINA

APPROVED MAY 04 2015