PERC SOIL/SITE EVALUATION DESCRIPTIONS

Client: Bateman Civil Survey Company, PC — Date Evaluated: 11/14/2014

Location of site: Bells Crossing Lot 116

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 15%	0-9	W SBK / SCL	FI SS SP	>42	42+	NA	NA	PS 0.3
		9-36	SBK / C	FI SS SP					
		36-42	W SBK / CL	FR SS SP					
2	LS 15%	0-11	W SBK / SCL	FI SS SP	>41	41+	NA	NA	PS 0.3
		11-41	SBK / C	FI SS SP					
3	LS 20%	0-5	W SBK / SCL	FR SS SP	>28	28	NA	PIT DEPTH ONLY 28"	PS DRIP 0.15
		5-28	SBK / C	FI SS SP					
4	LS 20%	0-8	W SBK / SCL	FR SS SP	>42	42+	NA	NA	PS 0.275
		8-27	SBK / C	FI SS SP					
		27-42	W SBK / SCL	FR SS SP					

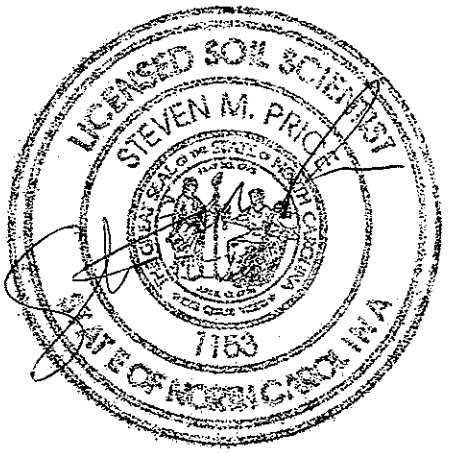
COMMENTS: PIT 1 and PIT 2 partially located in logging road and shows compaction in A horizon.

Evaluation By: Steven Price

APPROVED FEB 12 2015

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



LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	ORANGE	6.7	100
2	PINK	8.5	160
3	BLUE	10.2	160
4	ORANGE	12.2	159
5	YELLOW	14.2	84 NOT USED
6	PINK	17.3	83 NOT USED
7	RED	20.0	44 NOT USED

APPROVED FEB 12 2015

LOT 116 BELLS CROSSING SUBDIVISION

5-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
LINES 1-4 TOTAL 579 LINEAR FEET (USE 500FT)
EZFLOW OR CHAMBER
LTAR 0.3
25% REDUCTION
22" TRENCH DEPTH

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

ABBEVILLE LANE

PROPOSED DRIVEWAY

C18

TEMPORARY SEDIMENT BASIN

120.1'

PROPOSED HOUSE

82.0'

60.0'

16.0'

35.9'

N71°34'14"W 456.44'

S73°06'49"W 421.16'

OLD FARM ROAD

ADDITIONAL REPAIR AREA

SOIL LINE

3 DRIP AREA 6000 SF

N52°12'20"E 173.06'

116
88,656 Sq Ft
2.04 Ac.

L54 L53 L52 L51 L50 L49 L48 L47 L46 L45 L44 L43

SCALE:
1" = 60 ft.

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

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

PRIMARY SYSTEM

REPAIR SYSTEM

REPAIR LINES (NOT USED)

PIT OR AUGER BORING A

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MeritageHomes

LOT 116

BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE: 10/7/14 DRAWN BY: MB CHECKED BY:TMB