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113

OPEN SPACE
4,163 Sq Ft
0.10 Ac.

114

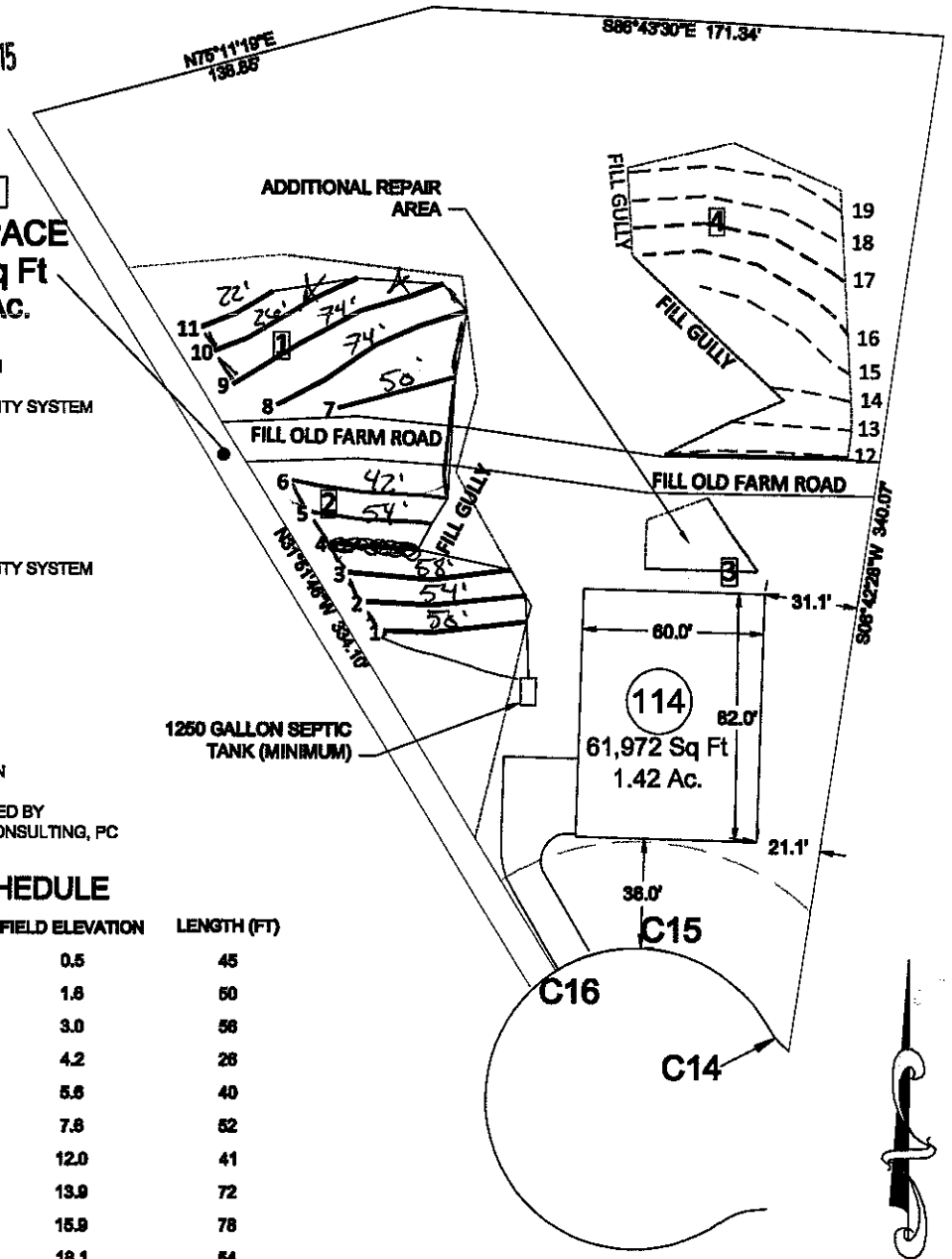
LOT 113 BELLS CROSSING SUBDIVISION

5-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
SERIAL DISTRIBUTION
LINES 1-11 TOTAL 536 LINEAR FEET
EZFLOW OR CHAMBER
LTAR 0.3
25%REDUCTION
36" TRENCH DEPTH

5-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
SERIAL DISTRIBUTION
LINES 12-19 TOTAL 477 LINEAR FEET
LTAR 0.35
25%REDUCTION
30" TRENCH DEPTH

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

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



LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	YELLOW	0.5	45
2	BLUE	1.6	50
3	ORANGE	3.0	56
4	RED	4.2	26
5	PINK	5.6	40
6	BLUE	7.6	52
7	YELLOW	12.0	41
8	RED	13.9	72
9	YELLOW	15.9	78
10	PINK	18.1	54
11	RED	21.3	22
12	PINK	11.8	60
13	BLUE	13.5	40
14	RED	14.3	26
15	BLUE	16.7	58
16	ORANGE	18.6	79
17	PINK	20.5	74
18	RED	23.4	70
19	ORANGE	26.0	70

1 PIT OR AUGER BORING
PRIMARY LINES
REPAIR LINES
ADDITIONAL REPAIR LINES

0 30 60

SCALE:
1" = 60 ft.

Bateman Civil Survey Company
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320 N. Main Street, Holly Springs, NC 27540 Ph: 919.577.1080 Fax: 919.577.1081
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NCBELS Firm No. C-3298

MeritageHomes

LOT 114
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY
REVISED 02/12/15
DATE: 01/05/14 DRAWN BY MB CHECKED BY: TMB

PERC SOIL/SITE EVALUATION DESCRIPTIONS

Client: Bateman Civil Survey Company, PC — Date Evaluated: 11/14/2014 and Jan 2015

Location of site: Bells Crossing Lot 114

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 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	CV 15%	0-4	W SBK / SCL	FR SS SP	>51	35	PS	NA	PS 0.35
		4-22	ABK / C	FR SS SP					
		22-35	W SBK / CL	FR SS SP					
		35-51	SLESS SAP / SL	FR SS SP					
2	LS 10%	0-8	W SBK / SCL	FR SS SP	>49	42	PS	NA	PS 0.3
		8-28	SBK / C	FI SS SP					
		28-42	W SBK / CL	FR SS SP					
		42-49	SLESS SAP / SL	FR SS SP					
3	LS 15%	0-7	W SBK / SCL	FR SS SP	>48 RELIC MOTTELS @ 34"	48+	NA	NA	PS 0.3
		7-34	SBK / C	FI SS SP					
		34-48	W SBK / CL	FI SS SP					
4	LS 20%	0-10	ABK / C	FR SS SP	>50	24	PS	NA	PS 0.35
		10-24	W SBK / SCL	FR SS SP					
		24-50	SLESS SAP / SL	FR SS SP					

COMMENTS: Pit 1 weathered rock (yellow and black) in profile <10%. Pit 2 weathered rock (black and grey) (relic) in profile <10%. Pit 3 42-48" with auger, some weathered rock in profile <10%.

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

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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

