Sheet:
Property ID:
Lot #:
File #:
AppID:

CCSC SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Meritage Homes
Address:
Proposed Facility: Design Flow (.1949) 480
Location of Site: Bells Crossing Subdivision Lot 14

Applicant:
Date Evaluated: 8/14/2013
Property Size:
Property Recorded:

Water Supply: [X] 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
A	R 3% A	0"-2"	GR, SL	VFR, NS, NP	10YR 3/2				
	BT1	2"-6"	SBK, SCL	FR, SS, SP	7.5YR 5/6				
	BT2	6"-38"	SBK, C	FI, SS, SP	2.5YR 4/8				PS 0.3
	BC	38"-54"	WKSBK CL	FI, SS, SP	2.5YR 4/8	S		S	S 0.3
B	BT	0"-37"	SBK C	FI, SS, SP	2.5YR 4/8				PS 0.3
	BC	37-48"	WKSBK CL	FI, SS, SP	5-10% MICA 2.5YR 4/8			S	S 0.3
C	BT1	0"-7"			2.5YR 5/6				
	BT2	7"-39"	SBK, C		2.5YR 4/8 5% 7.5YR 6/8 2-5% MICA	PS		PS	PS, 0.3
	BC	39"-55"	WK SBK CL	FI, SS, SP	2.5YR 5/8 7.5YR 6/8, 10% 2-5% Mica	S		S	S, 0.3
D	BT1	0-30	SBK, C	FI, SS, SP	2.5YR 4/8	PS		PS	
	BT2	30-46	SBK, CL	FI, SS, SP	2.5YR 4/8 7.5YR 6/8, 10%	PS		PS	0.3
	BC	46-53	WK, SBK CL	FI, SS, SP	2.5YR 5/8 7.5YR 6/8 10% 5% 7.5YR 7/2	S		S	0.3, S

Mica Relic

Description	Initial System	Repair System
Available Space (.1945)	Yes	Yes
System Type(s)	Accepted	Panel Block
Site LTAR	0.3	0.3

Other Factors (.1946):
Soil Evaluation By: Jason M. Hac
Others Present: Matt Bidell
Site Classification (.1948): Suitable
Site Evaluation By:
Others Present:

LICENSED SOIL SCIENTIST
JASON M. HAC
STATE OF NORTH CAROLINA
1248

LINE SCHEDULE

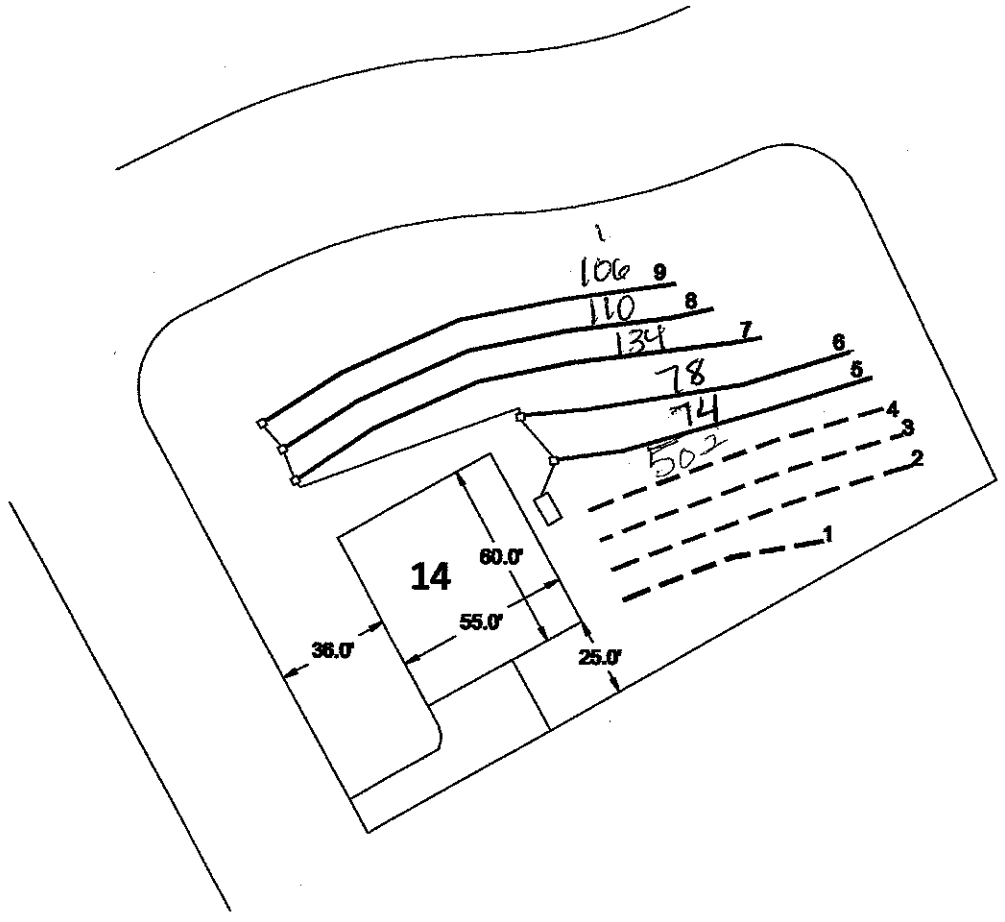
LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	ORANGE	2.5	63
2	BLUE	3.2	100
3	RED	3.6	100
4	PINK	4.1	104
5	YELLOW	4.4	94
6	ORANGE	5.1	87
7	BLUE	6.7	145
8	RED	6.3	135
9	PINK	6.9	120

LOT 14 BELLS CROSSING SUBDIVISION

5-BEDROOM INNOVATIVE GRAVITY SYSTEM
SERIAL DISTRIBUTION WITH DROP BOXES
LINES 5-9 TOTAL 581' LINEAR FEET
EZFLOW OR CHAMBER
LTAR 0.3
25% REDUCTION

5-BEDROOM LPP FED PANEL BLOCK REPAIR
LINES 1-4 TOTAL 367' LINEAR FEET
LTAR 0.3
50% REDUCTION

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION



SCALE:
1" = 60 ft.

Bateman Civil Survey Company
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NCBELS Firm No. C-0278

MeritageHomes

LOT 14
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY
DATE: 09/11/13 DRAWN BY AH CHECKED BY: TMB