LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	PINK	0.8	16
2	YELLOW	3.1	95
3	RED	4.0	95
4	PINK	5.0	100
5	WHITE	6.0	100
6	RED	7.8	70
7	YELLOW	11	100
8	BLUE	12.7	70
9	WHITE	13.7	46
10	PINK	14.8	31
11	WHITE	15.6	17

LOT 23 BELLS CROSSING SUBDIVISION

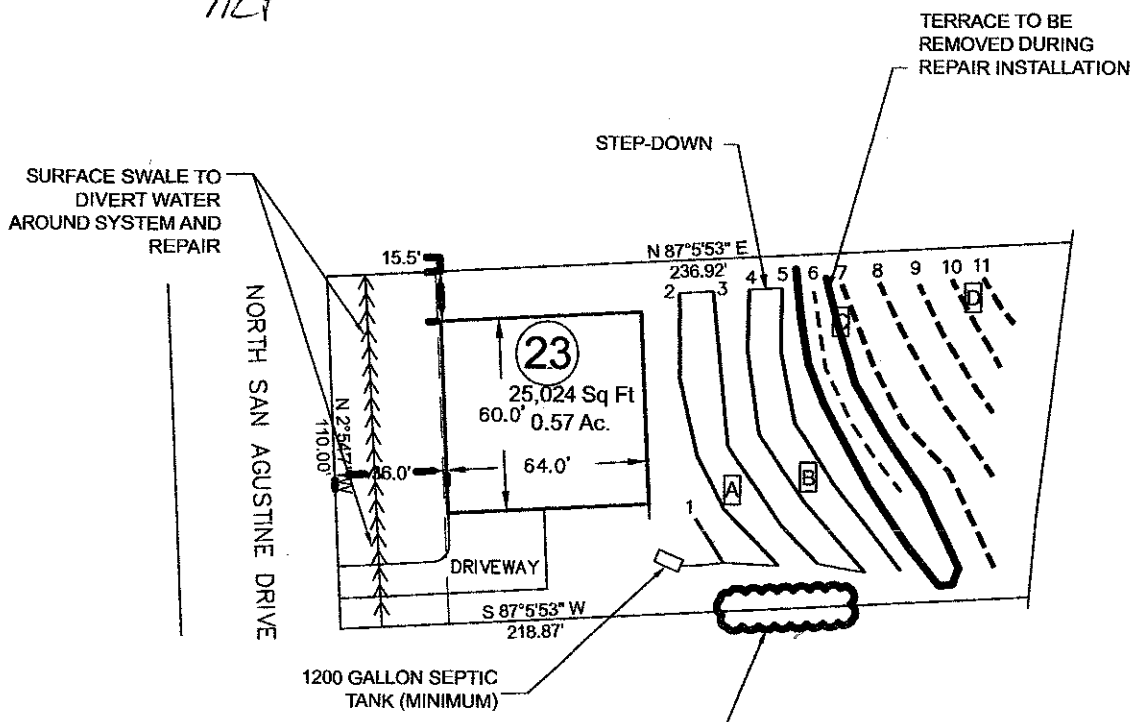
4-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
LINES 1-5 TOTAL 406 LINEAR FEET
EZFLOW OR CHAMBER
LTAR 0.3
25% REDUCTION
36" TRENCH DEPTH MAX

4-BEDROOM LPP FED PANEL REPAIR
LINES 6-11 334 TOTAL LINEAR FEET
LTAR 0.3
25% REDUCTION
36" TRENCH DEPTH MAX

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

SOIL PROFILES AND ANALYSIS PROVIDED BY
CENTRAL CAROLINA SOIL CONSULTING PLLC

APPROVED JUN 24 2014
AZP



PRIMARY SYSTEM

REPAIR SYSTEM

REPAIR LINES (NOT USED)

PIT OR AUGER BORING [1]

0 30 60

SCALE:
1" = 60 f t

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-2378

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LOT 23
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY
REVISED
DATE: 06/10/14 DRAWN BY MB CHECKED BY: TMB

Property ID:
Lot #: 23
File #:
AppID:

CCSC SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Meritage Homes
Address: 11605 N. Community House Rd, Charlotte NC 28277
Applicant: Same
Proposed Facility: 4BR House
Design Flow (.1949) 480 gpd
Date Evaluated: 8/14/12
Property Size: 0.5 AC
Location of Site: Bells Crossing Lot 23
Property Recorded: 2013

Water Supply: [X] Public [ ] Individual [X] 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	PROFILE FACTORS 1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1950 Saprolite Class	1944 Restr. Horiz.	Profile Class & LTAR
A	R 5% A	0.3"	Gr Loam	VFR, NS, NP	10 yR 2/1				
	BT1	3-36"	SBK Clay	FI SS SP	2.5 yR 4/8				S 0.3
	BT2	36-54"	SBK Clay	FI SS SP	2.5 yR 4/8 10yR 6/1 10%				S 0.3
B	A	0-3	Gr Loam	VFR, NS, NP	10 yR 2/1				
	BT1	3-31"	SBK Clay	FI SS SP	2.5 yR 4/8				S 0.3
	BT2	31-48"	SBK Clay	FI SS SP	→ 2.5 yR 5/8 2.5 yR 7/6 10%				S 0.3
	BC	48-54"	SBK CL	FI SS SP	→ 2.5 yR 4/8 5YR 6/8 15%				S 0.33
C	BT1	0-26	SBK Clay	FI SS SP	2.5 yR 4/8 10yR 8/2 5%				S 0.3
	BT2	26-42"	SBK CL	FI SS SP	2.5 yR 4/8				S 0.3
	C	42-48"	Mass Loam	Mass NS NP	5 yR 5/6		S		0.33
D	Bt	0-26"	SBK Clay	FI SS SP	2.5 yR 4/8				S 0.3
	C1	26-39"	Mass Loam	Mass NS NP	5 yR 4/6		S		0.4
	C2	39-48"	Mass. Loam	Mass NS NP	5 yR 6/8		S		0.4

Description	Initial System	Repair System
Available Space (.1945)	Yes	Yes
System Type(s)	Accepted 85%	Panel Block
Site LTAR	0.3	0.3

Other Factors (.1946):
Soil Evaluation By: JH, MB
Others Present:
Site Classification (.1948):
Site Evaluation By:
Others Present:

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

APPROVED JUN 24 2014
AR