LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	RED	3.6	20
2	PINK	3.9	38
3	ORANGE	4	43
4	BLUE	4.2	30
5	PINK	.8	18
6	YELLOW	1.8	35
7	ORANGE	3	53
8	BLUE	3.9	78
9	YELLOW	5.1	32
10	RED	5.8	108
11	YELLOW	7.8	107
12	ORANGE	9.6	82
13	BLUE	10.8	70
14	RED	11.7	50

Need to Change and initial Repair ares to "LP Panel Repair"

Maybe you Should have them put the drive on Site Plan?

LOT 22 BELLS CROSSING SUBDIVISION

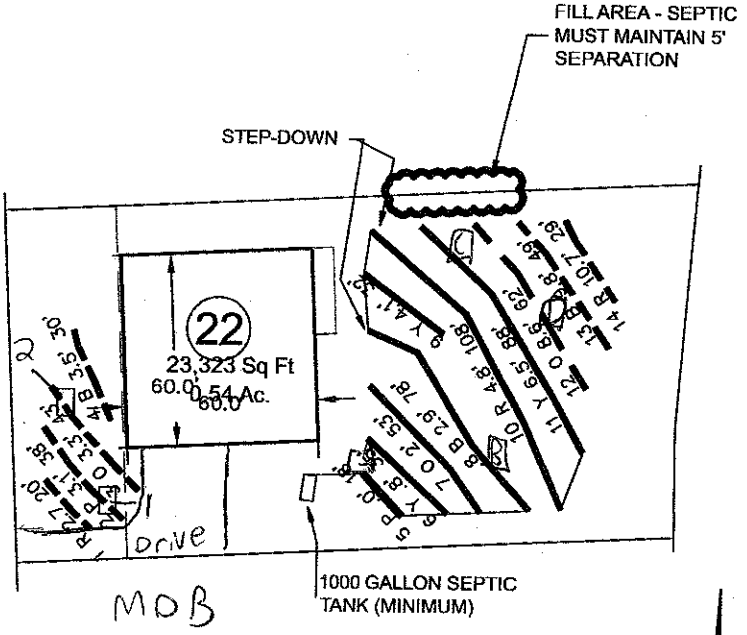
4-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
LINES 5-11 TOTAL 412 LINEAR FEET
EZFLOW OR CHAMBER
LTAR 0.3
25% REDUCTION
25" TRENCH DEPTH MAX

MDB
LP Panel Repair

4-BEDROOM ACCEPTED ~~STATUS GRAVITY REPAIR~~
LINES 1-4, 12-14 271 TOTAL LINEAR FEET
LTAR 0.3
25% REDUCTION
30" TRENCH DEPTH MAX

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

SOIL PROFILES AND ANALYSIS PROVIDED BY
CENTRAL CAROLINA SOIL CONSULTING PLLC



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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 22
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE: 4/30/14 DRAWN BY AH CHECKED BY: TMB

Property ID: 1
Lot #: 22
File #:
AppID:

CCSC SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Meritage Homes
Address: 11605 N. Community House Rd, Charlotte NC 28277
Proposed Facility: 4br House
Design Flow (.1949) 480 gpd
Location of Site: Bells Crossing Lot 22
Applicant: Same
Date Evaluated: 08/14/12
Property Size: 0.54
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 .1941 Structure/ Texture	.1941 Consistence Mineralogy	b PROFILE FACTORS .1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Saprq Class	.1944 Restr Horiz	Profile Class & LTAR
A	R 3% A	0-2"	Gr Loam	VFR, NS, NP	10YR 2/1				
	Bt1	2-28"	SBK Clay	FI SS, SP	2.5 yR 4/8				S 0.3
	Bt2	28-39"	SBK CL	FR SS SP	2.5yR 4/8				S 0.33
	BT3	39-50"	SBK CL	FR SS SP	2.5yR 4/8 7.5 yR 6/8 10%				S 0.33
B	AE	0-5"	Gr SL	VFR, NS, NP	7.5 yR 5/4				
	BT1	5-27"	SBK Clay	FI, SS, SP	2.5 yR 4/8				S 0.3
	BT2	27-35	SBK Clay	FI, SS, SP	→ 2.5 yR 4/8				S 0.3
		35-40"	WK SBK SCL	FR SS SP	→ 2.5 yR 10YR 6/8 10% 18				S 0.33
	C	40-55"	SG SL	VFR NS NP	10 yR 8/6 10% → 5 yR 6/8				
C	A	0-3	GR Loam	VFR NS NP	10 R 2/1				
	BT1	3-27"	SBK Clay	FI SS SP	2.5yR 4/8				S 0.3
	BT2	27-36"	SBK Clay	FI SS SP	2.5 yR 4/8				S 0.3
	C	36-59"	SG SL	VFR NS NP	7.5 yR 6/8 10% → 5yR 6/8		5		0.4
D	BT	0-32"	SBK Clay	FI SS SP	2.5 yR 4/8				
	BT2	32-47"	SBK CL	FI SS SP	2.5 yR 4/8 7.5 yR 6/8 10%				S 0.3 S 0.33

Description	Initial System	Repair System
Available Space (.1945)	Yes	Yes
System Type(s)	Accepted 25%	Panel Black
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. HALL 1248 STATE OF NORTH CAROLINA

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AP

Sheet: 1
Property ID: 4639955462
Lot #: 22
File #:
AppID:

CCSC SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: Meritage Homes
Address: ~~See App~~ 11605 N Community Rd st 251 Charlotte NC 28217
Proposed Facility: Design Flow (.1949)
Location of Site: Bells Crossing lot 22
Water Supply: [ ] Public [ ] Individual [ ] Well [ ] Spring [ ] Other
Evaluation Method: [ ] Auger Boring [X] Pit [ ] Cut
Type of Wastewater: [X] Sewage [ ] Industrial Process [ ] Mixed

Applicant:
Date Evaluated: 7/3/2014
Property Size: .54 Acre
Property Recorded:

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY 1941		b PROFILE FACTORS				
			1941 Structure/ Texture	1941 Consistence Mineralogy	1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1950 Slope Class	1944 Rock Horiz	Profile Class & LTAR
1	R, 2%	0-9, Fill							
		Bt, 9-42	SBK, SCL	FI, SS, SP	5 YR 4/8	PS			PS, 0.35
					7.5 YR 6/8, 15%, Relic				
		C, 42-54"+	SG, Loam	VFR, NS, NP	7.5 YR 5/8	S			S, 0.4
2	R, 2%	0-10", Fill							
		Bt, 10-45	SBK, Clay	FI, SS, SP	2.5 YR 4/8	PS			PS, 0.3
		BC, 45-54	Wk SBK, CL	FI, SS, SP	2.5 YR 4/8	S			S, 0.3

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

Description	Initial System	Repair System
Available Space (.1945)		Yes
System Type(s)		Accepted

Other Factors (.1946): Remove Fill Material in Front Yard
Soil Evaluation By: Jason Hall
Others Present:

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