LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH
1	RED	0.3	50
2	WHITE	2.0	74
3	ORANGE	3.6	100
4	PINK	5.3	90
5	WHITE	8.2	80
6	BLUE	10.9	70
7	RED	13.1	60

LOT 130 BELLS CROSSING SUBDIVISION

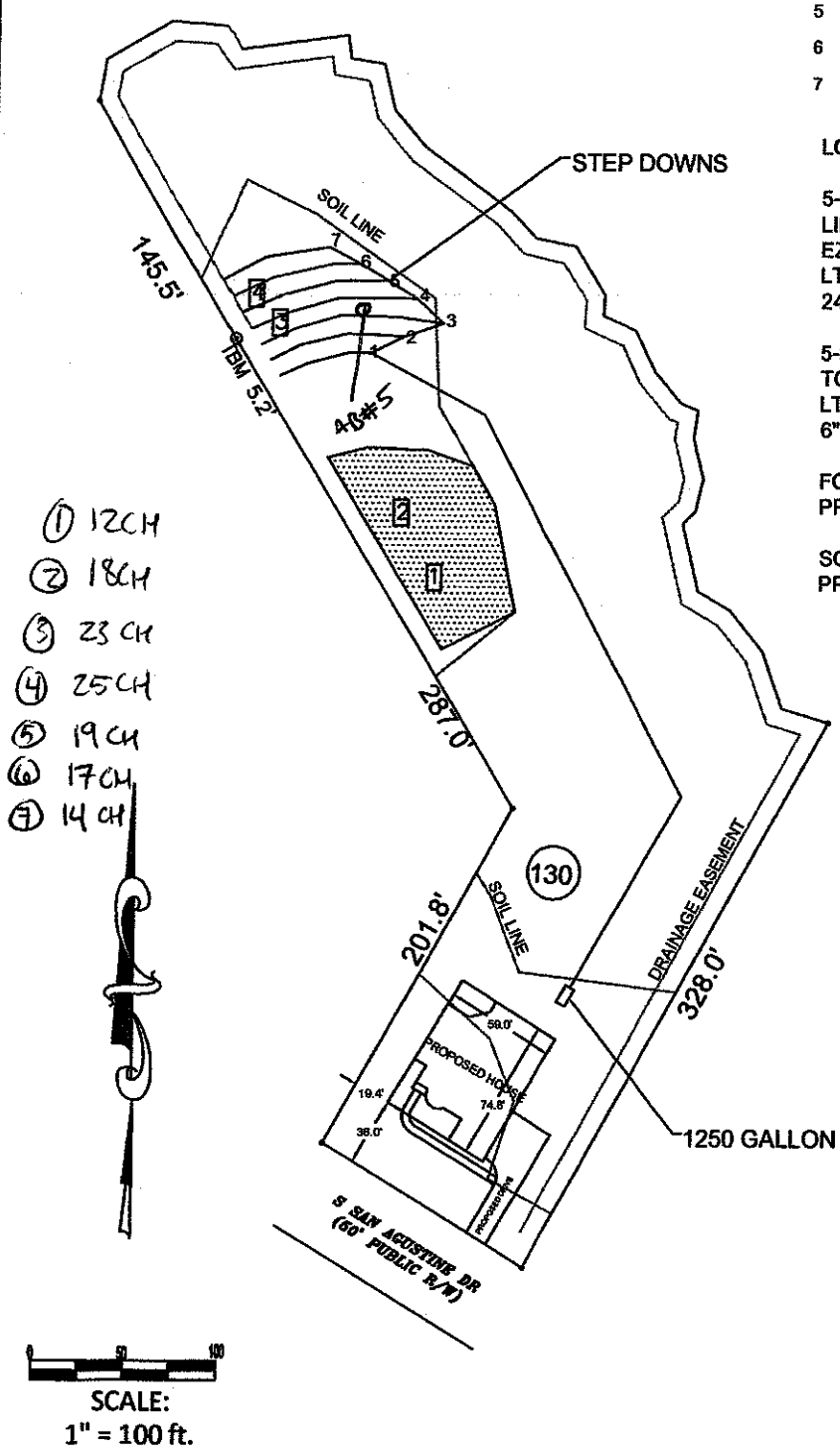
5-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
LINES 1-7 TOTAL 524 LINEAR FEET (USE 500FT)
EZFLOW OR CHAMBER
LTAR 0.3
24" TRENCH DEPTH MAX

5-BEDROOM PRETREATED SUBSURFACE DRIP REPAIR
TOTAL AREA 6000 SQUARE FEET
LTAR 0.1
6" TRENCH DEPTH MAX

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

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

APPROVED DEC 10 2015
BA



① 12CH
② 18CH
③ 23 CH
④ 25CH
⑤ 19 CH
⑥ 17CH
⑦ 14 CH

PRIMARY SYSTEM ————————

REPAIR SYSTEM

PIT OR AUGER BORING 1

Bateman Civil Survey Company
Engineers • Surveyors • Planners
200 N. Main Street, Holly Springs, NC 27540 Ph: 919.577.1080 Fax: 919.577.1061
www.batemancivilsurvey.com info@batemancivilsurvey.com
NCBELS Firm No. C-2378

MeritageHomes

LOT 130

BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE: 11/10/15 DRAWN BY: AH CHECKED BY:TMB

PERC SOIL/SITE EVALUATION DESCRIPTIONS

Client: Bateman Civil Survey Company, PC — Date Evaluated: Oct-15

Location of site: Bells Crossing Phase 4 Lot 130

Water Supply: [ ] Public [ ] Individual [ ] Well [ ] Spring [ ] Other

Evaluation Method: [X] 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
bor 1	LS 10%	0-4	W SBK / SCL	FR SS SP	NA	37	need pit cleaned out to evaluate	NA	PS 0.3
		4-28	ABK / C	FR SS SP					
		28-37	W ABK / CL	FR SS SP	w/ sap inclusions grinds to SL texture				
		37-48	SLESS SAP SL	FR SS SP					
bor 2	N 15%	0-2	fill	sl to scl texture	NA	27	need pit cleaned out to evaluate	NA	PS drip 0.1
		2-6	W SBK / SCL	FR SS SP		25* below fill			
		6-18	ABK / C	FR SS SP					
		18-27	W ABK / CL	FR SS SP	w/ sap inclusions grinds to SL texture				
		27-48	SLESS SAP SL	FR SS SP					
pit 3	N 20%	0-10	W SBK / SCL	FR SS SP	NA	43	need pit cleaned out to evaluate	NA	PS 0.3
		10-29	ABK / C	FR SS SP					
		29-43	W ABK / CL	FR SS SP					
		43-54	SLESS SAP SL	FR SS SP	evaluated with auger in pit bottom				
pit 4	N 20%	0-10	W SBK / SCL	FR SS SP	NA	44	PS in portion of pit	NA	PS 0.3
		10-26	ABK / C	FR SS SP					
		26-38	W ABK / CL	FR SS SP	w/ sap inclusions				
		38-44	W SBK / SL	FR SS SP	w/ sap inclusions				

COMMENTS: One portion of pit 4 had saprolite starting at 32" and extended to pit bottom. The saprolite was PS. The area around Borings 1 and 2 has been cleared.

APPROVED DEC 10 2015

Evaluation By: Steven Price

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

AB5
0-36 CMSBK
36-40 CLSBK
40-60 W SSAP

