LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1A	RED	0.9	24
1B	RED	0.9	43
2	WHITE	2.7	115
3	ORANGE	4.0	116
4	RED	6.1	118
5	PINK	7.6	119
6	BLUE	9.9	~~94~~ 502
7	ORANGE	11.8	~~95~~ 88 MOB 11-19-15
8	RED	14.0	96
9	YELLOW	15.9	73
10	PINK	17.4	53

LOT 189 BELLS CROSSING SUBDIVISION

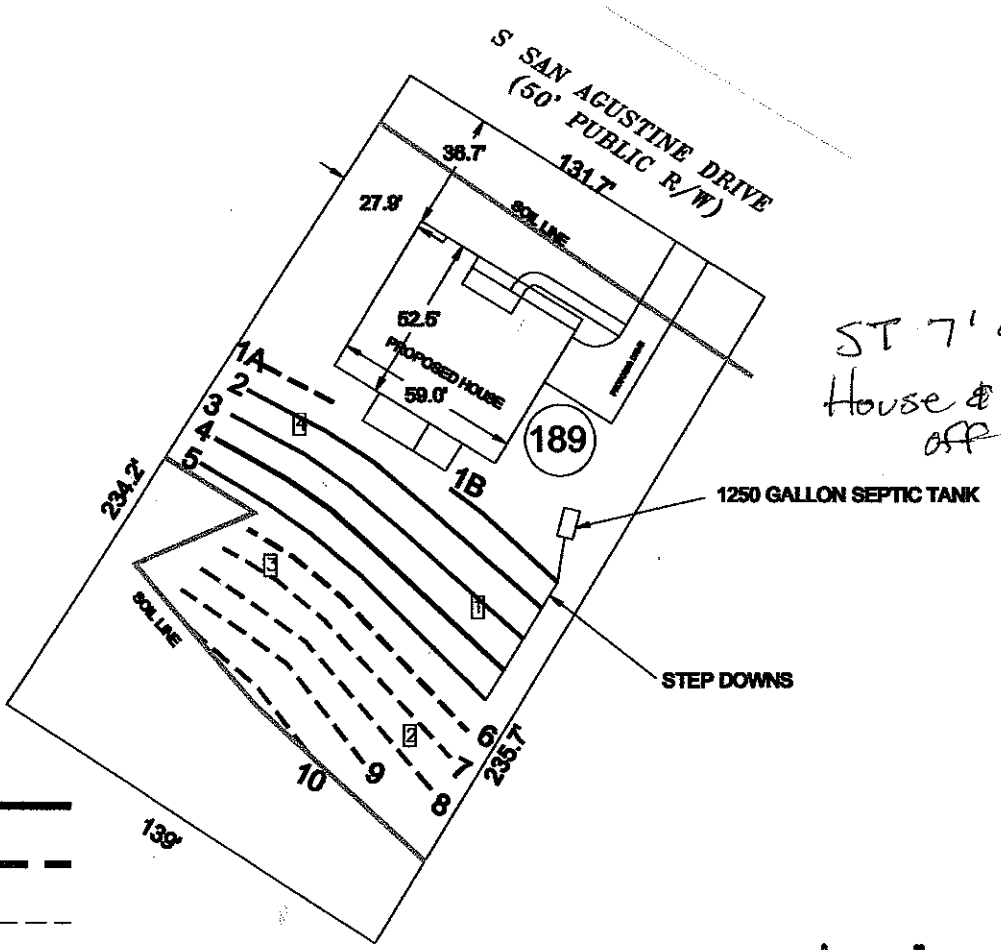
5-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
LINES 1B-5 TOTAL 511 LINEAR FEET (USE 500FT)
EZFLOW OR CHAMBER
LTAR 0.3
25% REDUCTION
36" TRENCH DEPTH MAX

5-BEDROOM LPP FED PANEL BLOCK REPAIR
LINES 1A ,6-10 TOTAL 440 LINEAR FEET
CHAMBER 433 MOB
50% 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





ST 7' off
House & 10'
off PL

28
14

PRIMARY SYSTEM

REPAIR SYSTEM

REPAIR LINES
(NOT USED)

PIT OR AUGER BORING A

SCALE:
1" = 60 ft.

Bateman Civil Survey Company
Engineers Surveyors Planners

MeritageHomes

LOT 189
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE: 11/5/15 DRAWN BY: AH CHECKED BY:TMB

PERC SOIL/SITE EVALUATION DESCRIPTIONS

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

Location of site: Bells Crossing Phase 4 Lot 189

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 .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	LS 15%	0-9	W SBK / SCL	FR SS SP	>48	48	NA	NA	PS 0.3
		9-33	ABK / C	FR SS SP					
		33-48	W SBK / CL	FR SS SP					
2	TS 10%	0-5	W SBK / SCL	FR SS SP	>56	30	PS	NA	PS 0.3
		5-16	SBK / C	FR SS SP					
		16-30	W SBK / CL	FR SS SP					
		30-40	SLESS SAP / SL	FR SS SP					
		40-56	SLESS SAP / L	FR SS SP					
3	LS 20%	0-4	W SBK / SCL	FR SS SP	>50	50	NA	NA	PS 0.3
		4-24	ABK / C	FR SS SP					
		24-50	W ABK / CL	FR SS SP	RELIC MOTTLES @ 24"				
4	LS 15%	0-5	W SBK / SCL	FR SS SP	>48	48	NA	NA	PS 0.3
		5-30	ABK / C	FR SS SP					
		30-48	W SBK / CL	FR SS SP	RELIC MOTTLES @ 30"				

COMMENTS: Pit 1 mica inclusions in B, saprolite inclusions @ 33", WR < 10% in pit, SL saprolite @ 42" on one side of pit. Pit 2 WR inclusions, saprolite inclusions @ 16", mica inclusions @ 30". Pit 3 saprolite inclusions @ 24", few WR inclusions. Pit 4 saprolite inclusions @ 30", few WR inclusions.

Evaluation By: Steven Price

Landscape Position
R-Ridge
SS-Shoulder Slope
LS-Linear Slope
FS-Foot Slope
NS-Nose Slope
HS-Head Slope
CC-Concave Slope
CV-Convex Slope
T-Terrace
FP-Flood Plain

Group	Texture	.1955 LTAR
I	S-Sand	1.2 - 0.8
	LS-Loamy Sand	
II	SL-Sandy Loam	0.8 - 0.6
	L-Loam	
III	SI-Silt	0.6 - 0.3
	SICL-Silty Clay Loam	
	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

Consistence Moist
VFR-Very Friable
FR-Friable
FI-Firm
VFI-Very Firm
EFI-Extremely Firm

Consistence Wet
NS-Non-Sticky
SS-Slightly Sticky
S-Sticky
VS-Very Sticky
NP-Non-Plastic
SP-Slightly Plastic
P-Plastic
VP-Very Plastic

