LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	BLUE	3.7	90
2	YELLOW	4.9	160
3	ORANGE	6.5	160
4	PINK	8.3	157
5	BLUE	10.1	145
6	ORANGE	11.3	139
7	RED	13.0	127

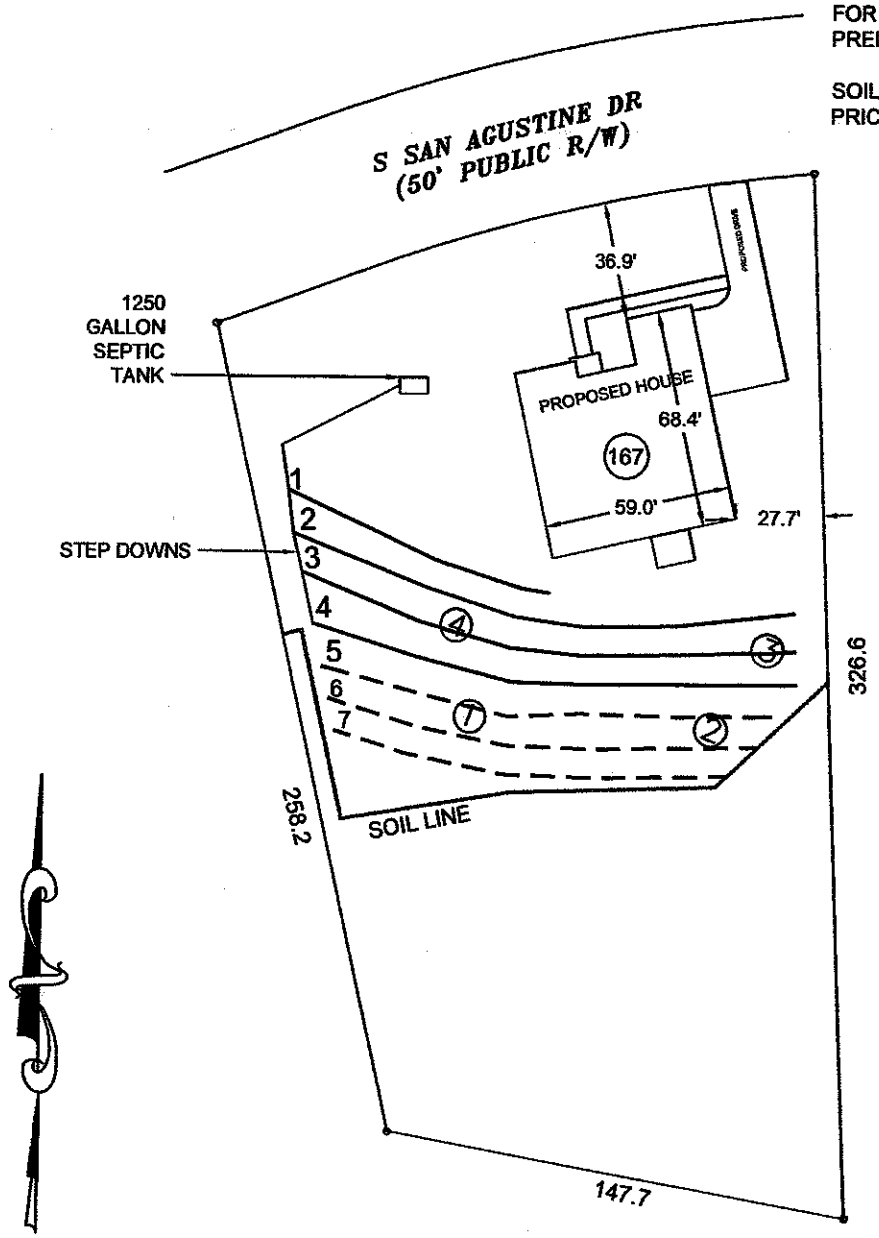
LOT 167 BELLS CROSSING SUBDIVISION

5-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
LINES 1-4 TOTAL 567 LINEAR FEET (USE 500FT)
EZFLOW OR CHAMBER
LTAR 0.3
21" TRENCH BOTTOM ON THE LOW SIDE OF TRENCH
REMOVE 8" OF FILL PER SOIL PROFILES.

5-BEDROOM LPP FED PANEL BLOCK REPAIR
LINES 5-7 TOTAL 411' LINEAR FEET
8' CENTER
LTAR 0.3
50% REDUCTION
28" TRENCH BOTTOM ON THE LOW SIDE OF TRECH

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

SCALE:
1" = 60 ft.

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: 919.577.1081
www.batemancivilsurvey.com info@batemancivilsurvey.com
NCBELS Firm No. C-2378

MeritageHomes

LOT 167
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE: 11/16/15 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 167

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

Evaluation Method: [X] Auger Boring [ ] 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 5%	0-4	W SBK / CL	FR SS SP	NA	48	NA	NA	PS 0.3
		4-24	ABK / C	FR SS SP					
		24-48	W ABK / CL	FR SS SP	w/ yellow mottles and saprolite				
bor 2	LS 5%	0-15	W SBK / SCL	FR SS SP	NA	48	NA	NA	PS 0.3
		15-30	SBK / C	FR SS SP					
		30-48	W ABK / CL	FR SS SP	10 YR 6/6 & 7/4 MOTTLES				
bor 3	LS 15%	0-8	SL FILL		NA	48	NA	NA	PS 0.3
		8-27	ABK / C	FI SS SP					
		27-40	W ABK / C	FI SS SP	10 YR 6/6 MOTTLES	40" minus fill			
		40-48	W ABK / CL	FR SS SP					
bor 4	LS 15%	0-15	CL FILL		NA	57	NA	NA	PS 0.3
		15-40	ABK / C	FR SS SP					
		40-57	W ABK / CL	FR SS SP	10 YR 6/6 MOTTLES	42" minus fill			

COMMENTS: Borings 3 and 4 are in a cleared area.

Evaluation By: Steven Price

APPROVED DEC 1 0 2015

SA

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

