LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	BLUE	3.5	20
2	ORANGE	5.0	102
3	RED	6.3	103
4	WHITE	8.2	83
5	BLUE	9.9	92
6	ORANGE	11.9	101
7	RED	14.8	93
8	YELLOW	17.0	95
9	ORANGE	20.2	96
10	BLUE	23.1	98
11	PINK	26.0	79

LOT 128 BELLS CROSSING SUBDIVISION

5-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
LINES 6-11 TOTAL 562 LINEAR FEET (USE 500FT)
EZFLOW OR CHAMBER
LTAR 0.3
25" TRENCH WITH 3" OF COVER ON THE HIGH SIDE

15" TB
3" Cover

5-BEDROOM LPP FED PANEL BLOCK REPAIR
LINES 1-5 TOTAL 400 LINEAR FEET
6' CENTER
LTAR 0.3
50% REDUCTION
36" TRENCH DEPTH MAX

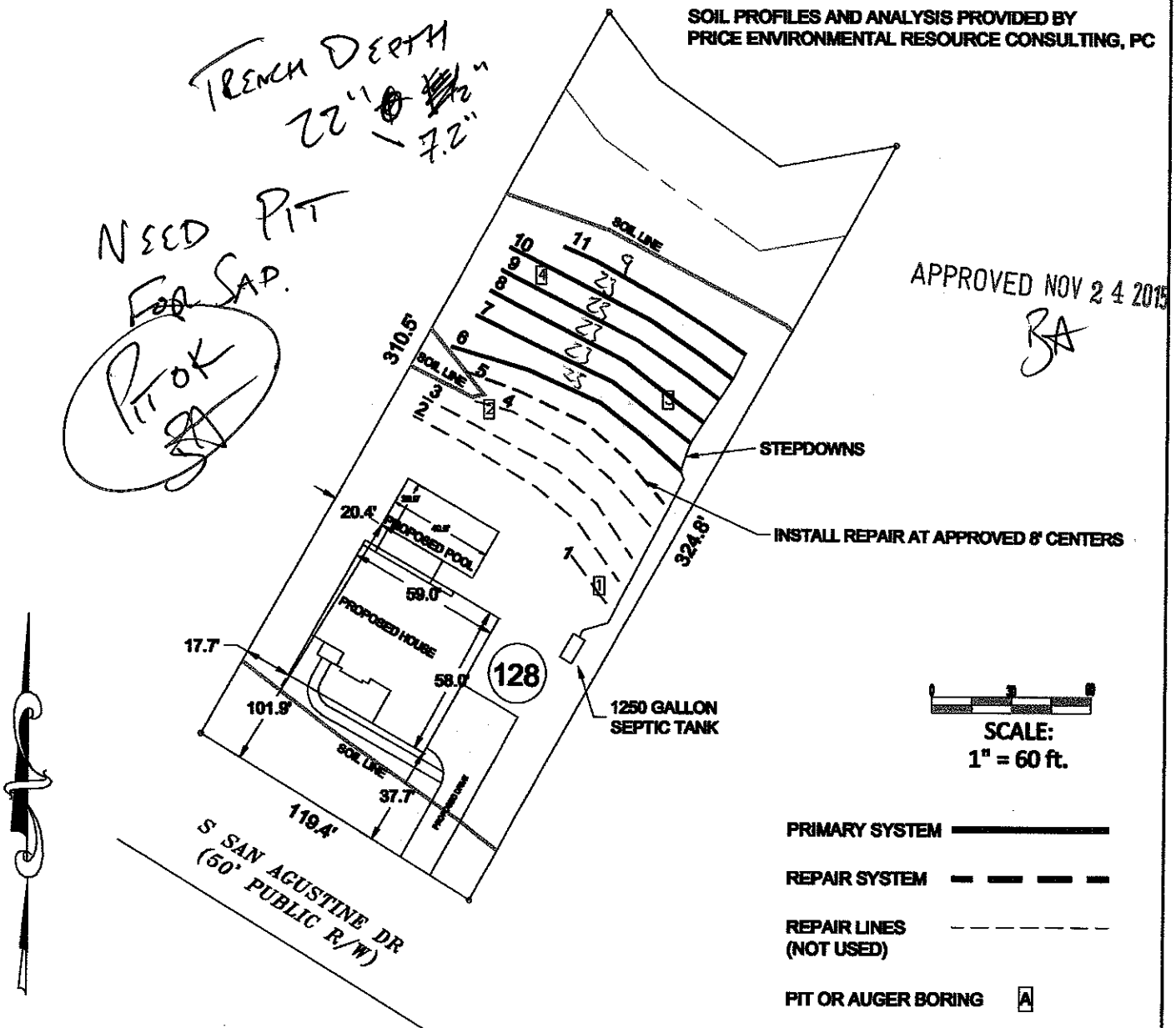
FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

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

Trench Depth
22" - 7.2"

Need Pit
For SAP.
Pit OK

APPROVED NOV 2 4 2015
BA



SCALE:
1" = 60 ft.

PRIMARY SYSTEM

REPAIR SYSTEM

REPAIR LINES
(NOT USED)

PIT OR AUGER BORING A

Bateman Civil Survey Company
Engineers Surveyors Planners

MeritageHomes

LOT 128
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: Oct-15

Location of site: Bells Crossing Phase 4 Lot 128

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

Evaluation Method: [X] Auger Boring [X] Pit [ ] Cut

Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

BA

APPROVED NOV 2 4 2015

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
pit 1	LS 15%	0-5	ABK / CL	FR SS SP	>50	50	NA	NA	PS 0.3
		5-31	ABK / C	FR SS SP					
		31-50	W ABK / CL	FR SS SP	w/ sap & yellow/black rock inclusions in BC				
bor 2	LS 15%	0-10	fill	clay to cl textured	>58	58	NA	NA	PS 0.3
		10-14	GR / SL	FR SS SP					
		14-36	ABK / C	FR SS SP		48" below fill			
		36-58	W SBK / CL	FR SS SP	w/ sap & some rock frag				
bor 3	LS 20%	0-27	ABK / C	FR SS SP	>34	34	NA	NA	PS 0.3 min 3" cover
		27-34	W ABK / CL	FR SS SP					
		34	HIT A ROCK						
bor 4	LS 25%	0-12	ABK / C	FR SS SP	>48	40	appears PS in boring need pits to evaluate	NA	PS 0.3
		12-40	W ABK / CL	FR SS SP					
		40-48	SLESS SAP / L	FR SS SP					

COMMENTS:

Evaluation By: Steven Price

Landscape Position	Group	Texture	.1955 LTAR
R-Ridge	I	S-Sand	1.2 - 0.8
SS-Shoulder Slope		LS-Loamy Sand	
LS-Linear Slope			
FS-Foot Slope	II	SL-Sandy Loam	0.8 - 0.6
NS-Nose Slope		L-Loam	
HS-Head Slope			
CC-Concave Slope	III	SI-Silt	0.6 - 0.3
CV-Convex Slope			
T-Terrace		SICL-Silty Clay Loam	
FP-Flood Plain		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

