LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	BLUE	0.9	85
2	ORANGE	2.6	87
3	PINK	4.3	86
4	YELLOW	5.1	90
5	PINK	6.3	93
6	BLUE	7.6	91
7	YELLOW	9.1	93
8	RED	10.6	90
9	ORANGE	12.2	90
10	BLU	13.7	90
11	YELLOW	15.5	90
12	RED	18.0	90
13	ORANGE	20.4	92
14	BLUE	22.8	46
15	YELLOW	25.0	31

LOT 135 BELLS CROSSING SUBDIVISION

5-BEDROOM ACCEPTED GRAVITY SYSTEM
LINES 1-7 TOTAL 625 LINEAR FEET
EZFLOW OR CHAMBER
LTAR 0.25
25% REDUCTION
24" TRENCH MAX (DOWN HILL SIDE OF TRENCH)

5-BEDROOM ACCEPTED GRAVITY REPAIR
LINES 7-12 TOTAL 542 LINEAR FEET
LTAR 0.3
25% REDUCTION
12" TRENCH MAX 6" OF COVER (DOWN HILL SIDE OF TRENCH)

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

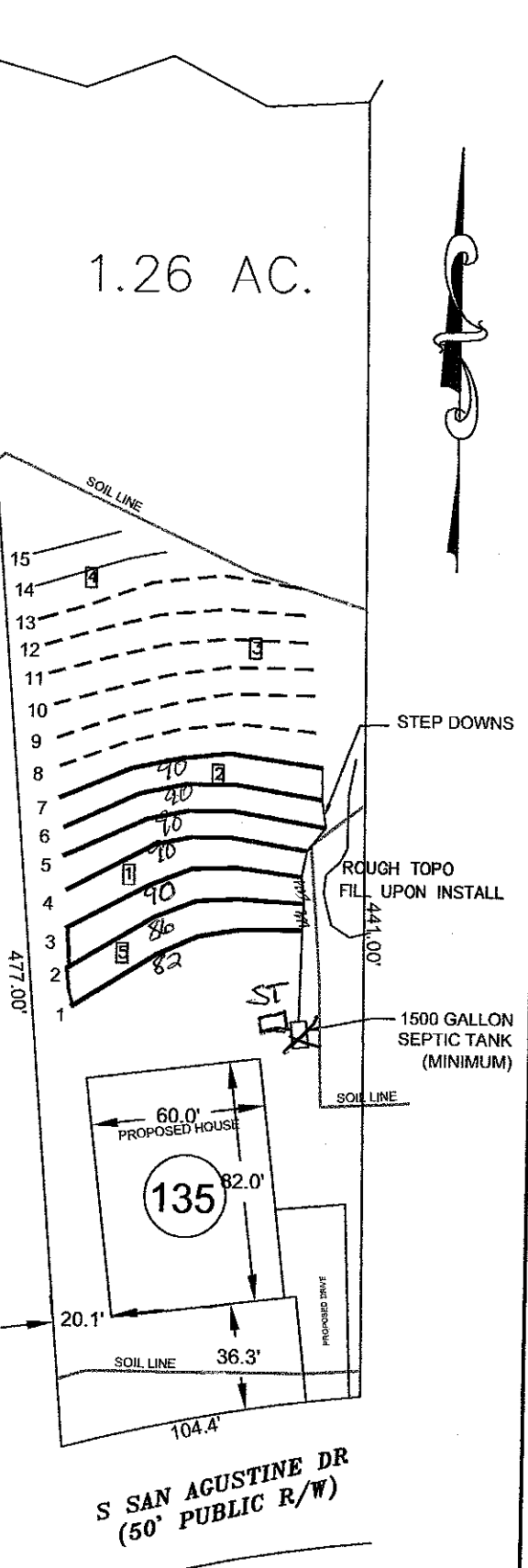
SOIL ANALYSIS AND APPLICATION RATES PROVIDED BY
PRICE ENVIRONMENTAL RESOURCE CONSULTING, PC

PRIMARY SYSTEM ———

REPAIR SYSTEM - - - - - -

REPAIR LINES ———
(NOT USED)

PIT OR AUGER BORING A



0 30 60

SCALE:
1" = 60 ft.

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 135
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE:11/19/15 DRAWN BY:MDB CHECKED BY:TMB

LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	BLUE	0.9	85 ✓
2	ORANGE	2.8	87 86
3	PINK	4.3	86 86
4	YELLOW	5.1	90 89
5	PINK	6.3	93 ✓
6	BLUE	7.6	91 94
7	YELLOW	9.1	93 99
8	RED	10.6	90
9	ORANGE	12.2	90 94
10	BLU	13.7	90 96
11	YELLOW	15.5	90
12	RED	18.0	90 99
13	ORANGE	20.4	92
14	BLUE	22.8	46 52
15	YELLOW	25.0	31 35

LOT 135 BELLS CROSSING SUBDIVISION

5-BEDROOM ACCEPTED GRAVITY SYSTEM
LINES 1-6 TOTAL 532 LINEAR FEET
EZFLOW OR CHAMBER
LTAR 0.3
25% REDUCTION
24" TRENCH MAX (DOWN HILL SIDE OF TRENCH)

5-BEDROOM ACCEPTED GRAVITY REPAIR
LINES 7-12 TOTAL 543 LINEAR FEET
LTAR 0.3
25% REDUCTION
18" TRENCH MAX (DOWN HILL SIDE OF TRENCH)

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

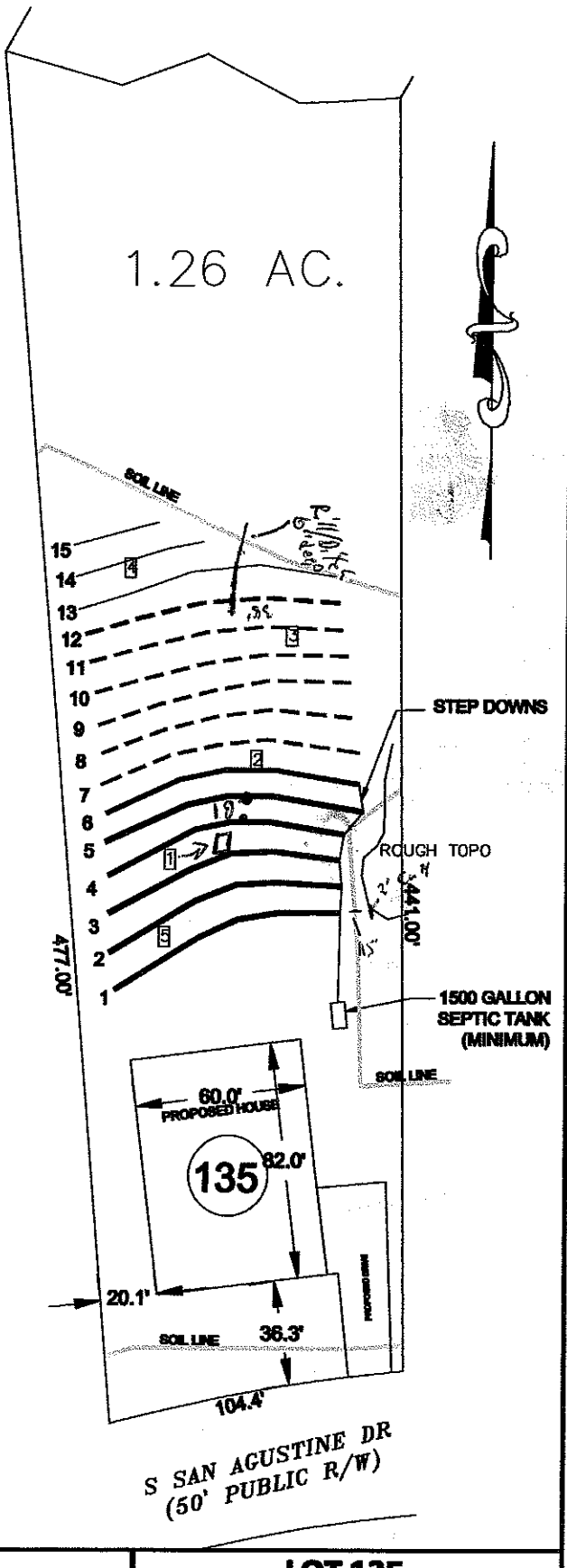
SOIL ANALYSIS AND APPLICATION RATES PROVIDED BY PRICE ENVIRONMENTAL RESOURCE CONSULTING, PC

PRIMARY SYSTEM ——————

REPAIR SYSTEM – – – – – –

REPAIR LINES (NOT USED) ——————

PIT OR AUGER BORING A



0 30 60

SCALE: 1" = 60 ft.

Bateman Civil Survey Company
Engineers • Surveyors • Planners

MeritageHomes

LOT 135
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE:11/19/15 DRAWN BY:MDB CHECKED BY:TMB

PERC SOIL/SITE EVALUATION DESCRIPTIONS

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

Location of site: Bells Crossing Phase 4 Lot 135

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 near pit 1	LS 15%	0-6	W SBK / SCL	FR SS SP	NA	48	NA	NA	PS 0.3
		6-32	ABK / C	FR SS SP					
		32-48	W ABK / CL	FR SS SP					
pit 2	LS 15%	0-6	W SBK / SCL	FR SS SP	NA	52	NA	NA	PS 0.3
		6-32	ABK / C	FR SS SP					
		32-52	W ABK / CL	FR SS SP	few 10YR 7/4 and 8/1 relic mottle				
pit 3	LS 15%	0-24	ABK / C	FR SS SP	NA	38	PS	NA	PS 0.3
		24-38	W ABK / CL	FR SS SP					
		38-48	SLESS SAP SL	FR SS SP		34, 43			
pit 4	LS 20%	0-24	ABK / C	FR SS SP	NA	30	UN	NA	PS 2' CHAMBER WITH COVER 0.25
		24-30	W ABK / CL	FR SS SP					
		30-48	SLESS SAP L	FR SS SP	w/ weathered rock				
					large rock vein in pit and rock throughout pit	32, 28			
pit 5	LS 15%	0-10	W SBK / SCL	FR SS SP	NA	50	NA	NA	PS 0.3
		10-36	ABK / C	FR SS SP					
		36-50	W ABK / CL	FR SS SP					

COMMENTS: Water standing in pit 1

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

P3 0-10 RC MMSBK/ABK .3
10-28 RCC WFSBK
28-48 Var SL Sap Rx
Common RCC vein

P4 0-8 B CL WFSBK FR SS PS Sap
8-20 RC MMSBK .3 to .35
20-33 RCC WFSBK Rem Sap
33-38 Var Sap / WR 115

P5 0-5 B SCL Gr .25
5-11 BRC WFSBK
11-36 RC MABK FI SP few MB
36-48 RCC WFSBK few MB & WR

B1 0-6 B SCL Gr .3
6-24 RCC WFSBK FR SS SP
24-40 RC/CC WFSBK few Sap
40-48 RCC WFSBK few Sap

LICENSED SOIL SCIENTIST
STEVEN M. PRICE
1153
STATE OF NORTH CAROLINA