LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	RED	2.4	25
2	PINK	3.3	77
3	BLUE	4.4	92
4	ORANGE	5.6	93
5	RED	7.1	92
6	YELLOW	8.8	93

APPROVED JAN 05 2016

APPROVED JAN 0 5 2016

LOT 129 BELLS CROSSING SUBDIVISION

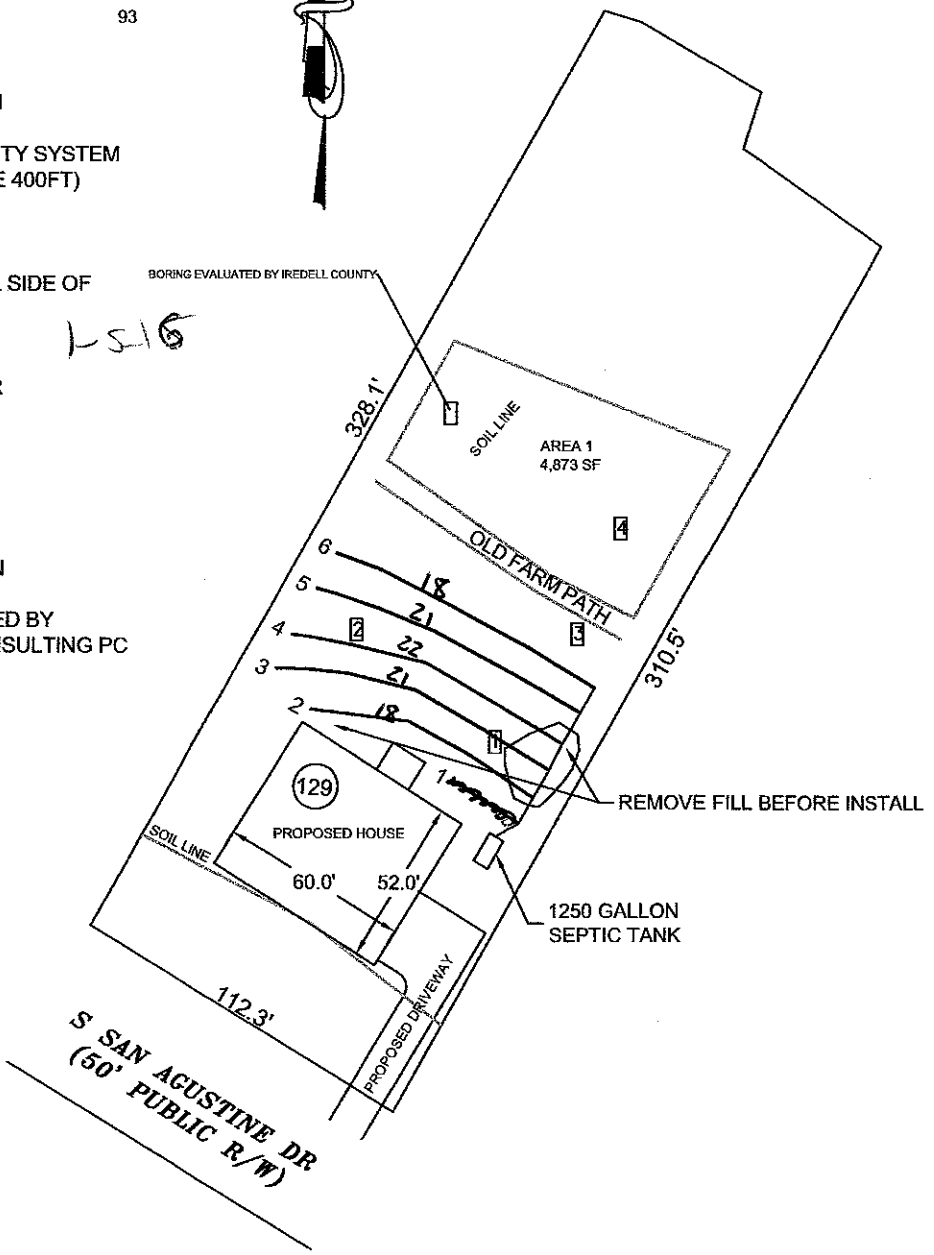
4-BEDROOM ACCEPTED STATUS GRAVITY SYSTEM
LINES 1-5 TOTAL 472 LINEAR FEET (USE 400FT)
EZFLOW OR CHAMBER
LTAR 0.3
25% REDUCTION
24" TRENCH DEPTH ON THE DOWN HILL SIDE OF TRENCH

4 Pre-treated MDB 1-5-16

~~4~~-BEDROOM DRIP IRRIGATION REPAIR
AREA REQUIRED 4,800 SF
AREA PROPOSED 4,873 SF
LTAR 0.1
6" TRENCH DEPTH

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

SOIL PROFILES AND ANALYSIS PROVIDED BY
PRICE ENVIRONMENTAL RESOUCE CONSULTING PC



PRIMARY SYSTEM ——————

REPAIR SYSTEM .....

REPAIR LINES (NOT USED) ——————

PIT OR AUGER BORING [A]

0 30 60

SCALE:
1" = 60 ft.

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

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LOT 129

BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE: 1/4/16 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 120

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
pit 1	S 5%	0-4	W ABK / CL	FR SS SP	NA	40	PS	NA	PS 0.3
		4-23	ABK / C	FR SS SP					
		23-40	W ABK / CL	FR SS SP	w/ saprolite some rock in profile				
		40-48	SLESS SAP/ L	FR SS SP					
pit 2	S 5%	0-4	W ABK / CL	clay to cl textured	NA	60	NA	NA	PS 0.3
		4-24	ABK / C	FR SS SP					
		24-60	W ABK / CL	FR SS SP	w/ sap & mica some black/yellow rock in profile				
pit 3	LS 15%	0-6	W ABK / CL	FI SS SP	NA	36	PS	NA	PS 0.3
		6-27	ABK / C	FI SS SP					
		27-36	W ABK / CL	FR SS SP	w/ sap rock vein in portion of pit				
		36-50	SLESS SAP L	FR SS SP					
pit 4	LS 25%	0-12	W ABK / CL	FR SS SP	NA	24	UN	NA	PS DRIP 0.1
		12-24	ABK / C	FR SS SP					
		24-48	SLESS SAP / L	FR SS SP					

COMMENTS: Saprolite in pit 4 rock controlled structure with vertical banding

B1 0-4 Fill .3
4-20 R C MFSBK
20-48 R C W FSBK FR SS SP fen UR, sap

B2 0-20 R C W FSBK
20-36 R C W FSBK Com sap
36-48 R C W FSBK Com sap

B3 0-8 R C W FSBK .1
8-16 R C W FSBK dep
16-24 RB C W FSBK
24-35 V C SL SAP M fen UR <20"

B4 0-4 R SCL .1
4-24 R C MFSBK
24 water

Evaluation By: Steven Price

Landscape Position	Group	Texture	.1955 LTAR
R-Ridge	I	S-Sand	1.2 - 0.8
S-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

