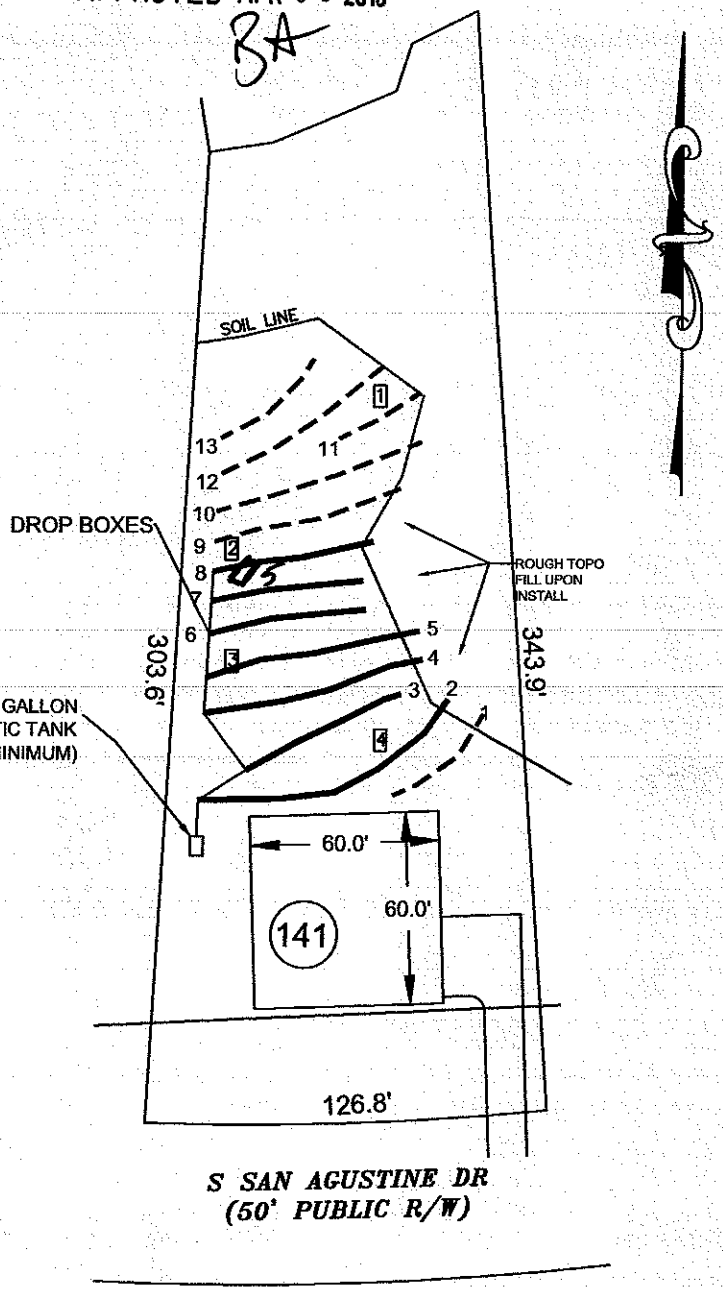
LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
R 1	YELLOW	3.1	40
2	BLUE	4.8	90
3	ORANGE	5.7	54
4	PINK	7.2	71
5	YELLOW	9.5	69
6	ORANGE	11.0	49
7	WHITE	13.4	48
8	BLUE	15.5	51
R 9	YELLOW	16.7	60
10	RED	18.2	68
11	ORANGE	19.3	29
12	WHITE	20.2	50
13	BLUE	21.3	38
			717

APPROVED APR 0 6 2016

BA



LOT 141 BELLS CROSSING SUBDIVISION

4-BEDROOM ACCEPTED GRAVITY SYSTEM
LINES 2-8 TOTAL 432 LINEAR FEET
EZFLOW OR CHAMBER
24" TRENCH DEPTH
LTAR 0.3
25% REDUCTION

4-BEDROOM LPP FED PANEL BLOCK REPAIR
LINES 1, AND 9-13 TOTAL 285 LINEAR FEET
LTAR 0.3
50% REDUCTION

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

SOIL ANALYSIS AND APPLICATION RATES PROVIDED BY CENTRAL CAROLINA SOIL CONSULTING

SYSTEM LINE ———

REPAIR LINE — — — —

PIT LOCATION [1]

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

MeritageHomes

LOT 141
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE: 2/13/16 DRAWN BY: MDB CHECKED BY: TMB

Department of Environment, Health, and Natural Resources
Division of Environmental Health
On-site Wastewater Section

Sheet: 1 OF 1
PIN #: 4639-73-9276
Lot #: 141
Permit #: 216975
AppID:

SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

Owner: MERITAGE HOMES
Applicant: BCSC
Address: 294 S. SAN AGUSTINE
Date Evaluated: 3/31/2016
Proposed Facility: SFR
Design Flow (.1949) 480
Property Size: .78 AC
Location of Site: BELLS CROSSING 141
Property Recorded: YES
Water Supply: [X] Public [ ] Individual [X] 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	LINEAR 15%	0-26	C,M,SBK	SS	NA	50"	NA	50"+	.3
		26-50	SCL,W,SBK	SS					
PIT 2	LINEAR 15%	0-20	C,S,ABK	SS	NA	20"	S	48"+	.3 >20"
		20-48	LSAP	NS					
PIT 3	LINEAR 15%	0-42	C,M,ABK	SS	NA	50"	NA	50"+	.3
		42-50	CL,W,SBK	SS					
PIT 4	LINEAR 15%	0-20	SCL,W,SBK	SS	NA	48"	NA	48"	.3
		20-48	BRC,M,SBK	SS					

Description	Initial System	Repair System
Available Space (.1945)	PS	PS
System Type(s)	G-25% RED	PANEL BLOCK
Site LTAR	.3	.3

Other Factors (.1946):
Soil Evaluation By: BEN ALDRIDGE
Others Present: MICHAEL BENFIELD
Site Classification (.1948): PS
Site Evaluation By: BEN ALDRIDGE
Others Present: MICHAEL BENFIELD