LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	ORANGE	1.6	94
2	BLUE	2.9	90
3	PINK	3.7	83
4	WHITE	4.9	82
5	RED	6.2	81
6	YELLOW	6.9	74
7	ORANGE	7.5	72
8	BLUE	9.6	68
9	RED	12.4	66
10	PINK	15.9	34
			744

LOT 147 BELLS CROSSING SUBDIVISION

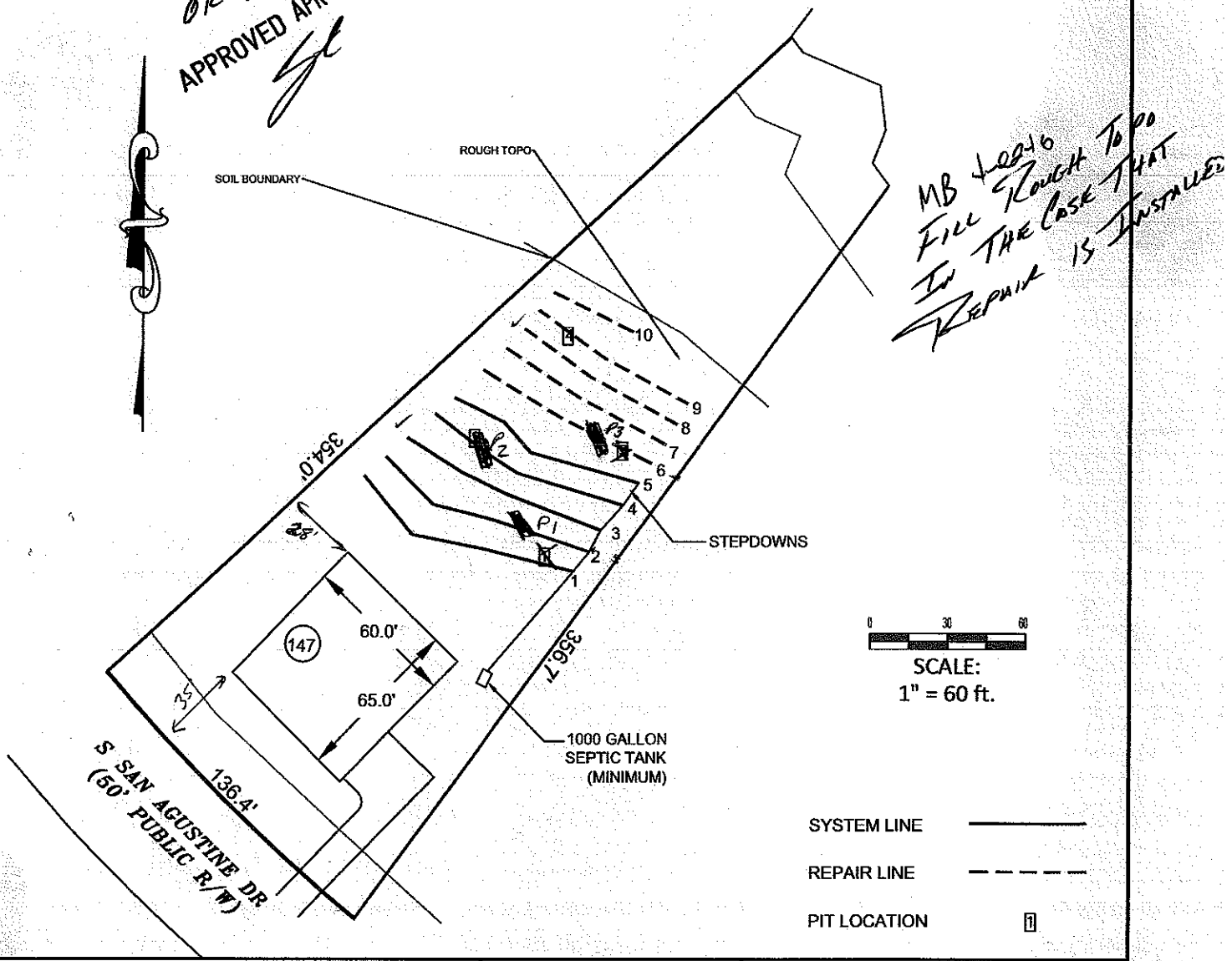
4-BEDROOM ACCEPTED GRAVITY SYSTEM
LINES 1-5 TOTAL 430 LINEAR FEET(USE 400')
EZFLOW OR CHAMBER
24" TRENCH DEPTH
LTAR 0.3
25% REDUCTION

4-BEDROOM LPP FED PANEL BLOCK REPAIR
LINES 6-10 TOTAL 314 LINEAR FEET
LTAR ~~0.3~~ .275 MB 4-22-16
50% REDUCTION

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION

SOIL ANALYSIS AND APPLICATION RATES PROVIDED BY
~~CENTRAL CAROLINA SOIL CONSULTING~~

OK IC&D
APPROVED APR 21 2016



MB 4-22-16
FILL TROUGH TO DO
IN THE CASE THAT
REPAIR IS INSTALLED

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 147
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE: 2/15/16 DRAWN BY: MDB CHECKED BY: TMB

DEPARTMENT OF HEALTH AND HUMAN SERVICES
DIVISION OF PUBLIC HEALTH, ENVIRONMENTAL HEALTH SECTION
ON-SITE WATER PROTECTION BRANCH

Sheet 1 of 2
PROPERTY ID #: 3454
COUNTY: Iredell

SOIL/SITE EVALUATION
***for* ON-SITE WASTEWATER SYSTEM**
(Complete all fields in full)

OWNER: Meritage
ADDRESS: — LOT 147
APPLICATION DATE 3/1/16
DATE EVALUATED: 4/20/16
PROPOSED FACILITY: SFR
PROPOSED DESIGN FLOW (.1949): 480 GPD
PROPERTY SIZE: .840 Acre
LOCATION OF SITE: 330 S. San Agustini Dr. Mtn. NC
PROPERTY RECORDED: Y45
WATER SUPPLY: ☐ Private ☐ Public ☒ Well ☐ Spring ☒ Other Comm.
EVALUATION METHOD: ☐ Auger Boring ☑ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
P 1	LS 10%	0-3	BSCL, WSBK	FR, SS, SP	/	42"	PS C-M SAP INCL 18"-42"	/	.3 0-24 .325-.35 24"-70"
		3-24	RCL, ABK	" " "					
		24-42	RCL, WSBK	" " "					
		42-70	MASS L SAP	VFR, SS, SP					
P 2	LS 10%	0-6	BSCL, WSBK	FR, SS, SP	/	45"	PS C-M SAP INCL 28"-45"	/	.3 0-32 .325 32"-68"
		6-32	RCL, ABK	" " "					
		32-45	RCL, WSBK	" " "					
		45-68	MASS L SAP	VFR, " "					
P 3	LS 10%	0-18	FILL	—	/	18"-62"	C SAP INCL 58"-62"	0-18	.275 18"-44" .3 44"-62"
		18-22	BSCL WSBK	FR, SS, SP					
		22-44	RCL, ABK	FR/FI, SS, SP					
		44-62	RCL, SBK/WSBK	FR, " "					
P 4	LS 20%	0-9	FILL	—	/	9"-72"	/	/	.3 9"-72"
		9-23	BSL, GR	VFR, SS, SP					
		23-72	RCL, SBK	FR, SS, SP					

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
Available Space (.1945)	PS	PS
System Type(s)	Approved	Approved
Site LTAR	.3	.275

OTHER FACTORS (.1946): —
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: SE
OTHER(S) PRESENT: Mike Benfield

COMMENTS: —