LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	YELLOW	0.8	41
2	PINK	2.2	57
3	BLUE	2.7	72
4	RED	3.6	82
5	PINK	4.5	96
6	YELLOW	6.0	91
7	BLUE	7.2	89
8	ORANGE	8.3	87
9	RED	10.1	75
10	YELLOW	12.3	44
			734

LOT 149 BELLS CROSSING SUBDIVISION

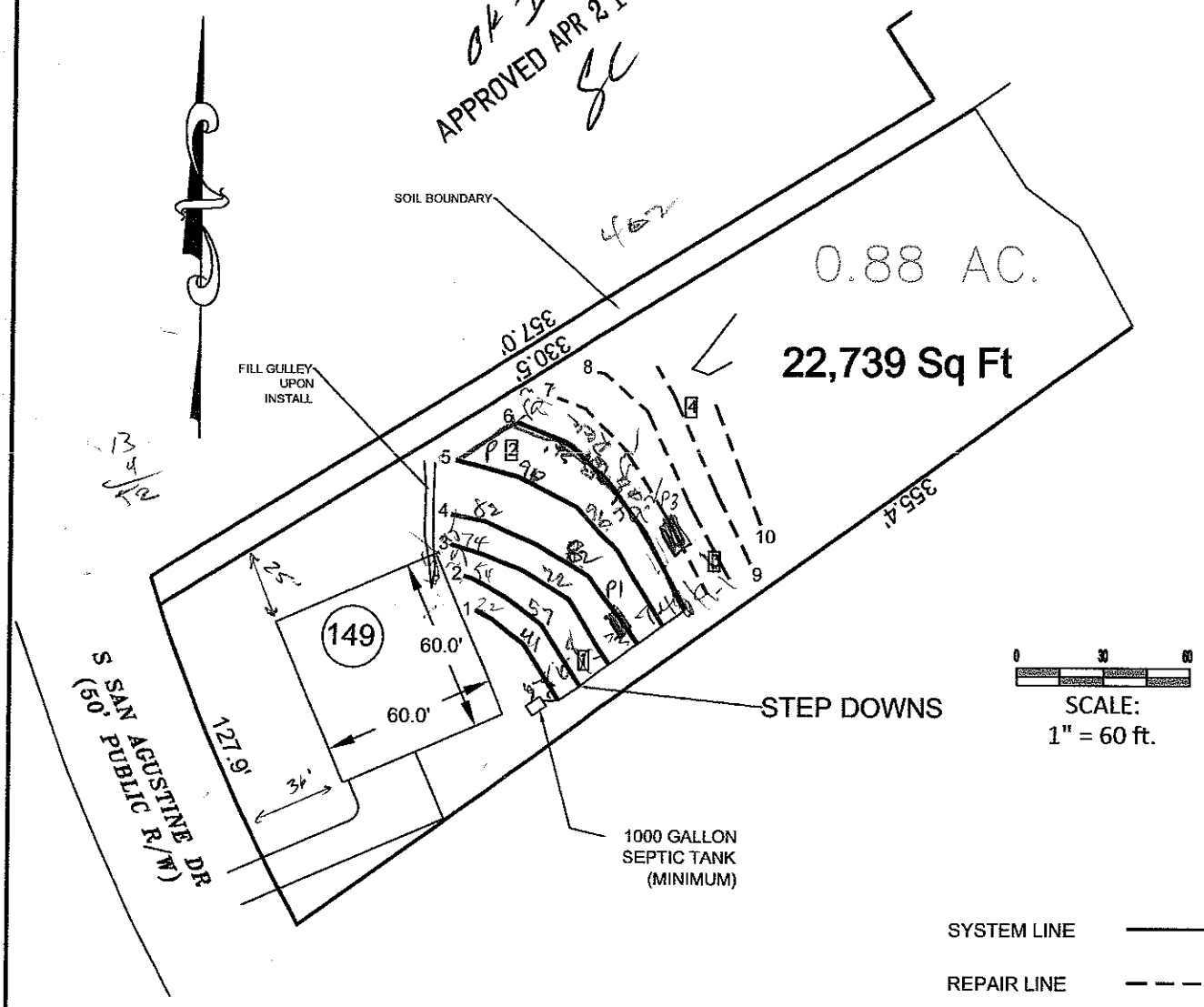
4-BEDROOM ACCEPTED GRAVITY SYSTEM
LINES 1-6 TOTAL 439 LINEAR FEET(USE 436')
EZFLOW OR CHAMBER
24" MAX TRENCH DEPTH
LTAR 0.3
25% REDUCTION

4-BEDROOM LPP FED PANEL BLOCK REPAIR
LINES 7-10 TOTAL 295 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

Ok ICHD
APPROVED APR 21 2016
SC



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 149
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE:2/17/16 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 #: 2653
COUNTY: Iredell

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

OWNER: Meritage
ADDRESS: Troy NC
PROPOSED FACILITY: SFR
LOCATION OF SITE: 342 So Son Agustin Dr Mul. NC
LOT 149
APPLICATION DATE 3/1/16
DATE EVALUATED: 4/20/16
PROPOSED DESIGN FLOW (.1949): 480 GPD
PROPERTY SIZE: .850 Acre
PROPERTY RECORDED: Yes
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	.1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
P 1	SS 7%	0-15	BSL, GR	VFR, SS, SP	/	69"	F-L SAP INCL 40"-69"	/	.3
		15-50	RC, ABK/SBK	FR, SS, SP					
		56-69	RCL, WSBK	" " "					
2	LL 7%	0-28	RC, SBK	FR, SS, SP	/	60"	C-M SAP INCL 28"-60"	/	.325
		28-60	RCL, SBK/MASS	" " "					
P 3	LS 5%	0-8	BSCL, WSBK	FR, SS, SP	/	57"	PS C-M SAP INCL 30"-57"	/	.3
		8-36	RC, SBK/ABK	" " "					
		36-57	RCL, SBK	" " "					
		57-63	MASS L SAP	VFR, SS, SP					
4	LS 15%	0-4	BSL, GR	VFR, SS, SP	/	53"	PS C-M SAP INCL 24"-53"	/	.3 0"-28" .35 28"-64"
		4-28	RC, SBK	FR, SS, SP					
		28-53	RCL, WSBK	" " "					
		53-64	MASS L SAP	VFR SS SP					

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

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

COMMENTS: