LINE SCHEDULE

LINE NUMBER	COLOR	FIELD ELEVATION	LENGTH (FT)
1	BLUE	2.6	36
2	RED	3.7	57
3	WHITE	5.5	100
4	BLUE	7.3	100
5	YELLOW	10.0	98
6	ORANGE	12.2	84
7	WHITE	15.1	78
8	YELLOW	17.7	75
9	BLUE	20.4	66
10	RED	23.2	63
11	ORANGE	25.6	58
12	WHITE	27.9	35

OK ICHD

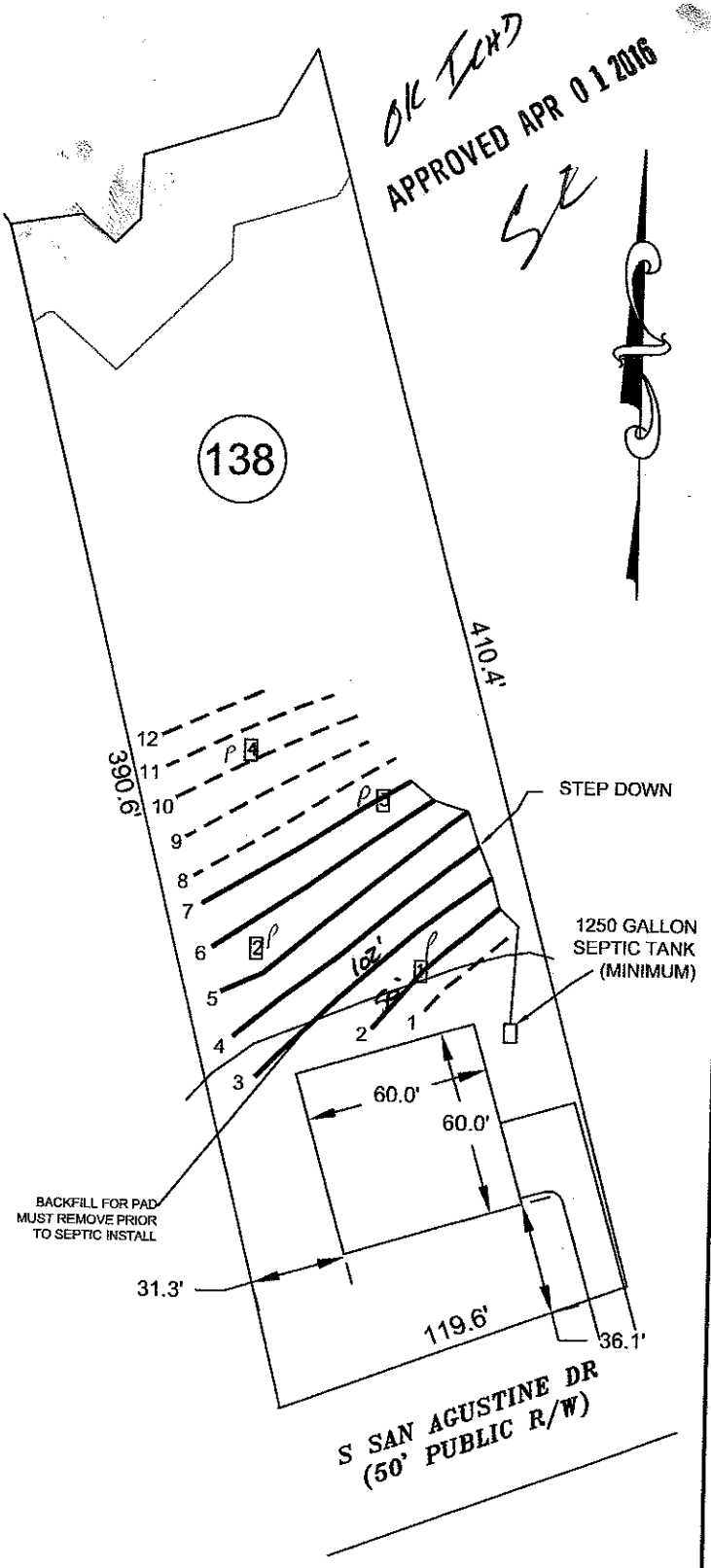
APPROVED APR 0 1 2016

LOT 138 BELLS CROSSING SUBDIVISION

5-BEDROOM INNOVATIVE GRAVITY SYSTEM
SERIAL DISTRIBUTION WITH DROP BOXES
LINES 2-7 TOTAL 517 LINEAR FEET (USE 500FT)
EZFLOW OR CHAMBER
LTAR 0.3
25% REDUCTION
~~24~~ TRENCH DEPTH MAX
33" MB

5-BEDROOM PANEL BLOCK REPAIR
LINES 1 8-12 TOTAL 333 LINEAR FEET
LTAR 0.3
50% REDUCTION

FOR GENERAL USE NOT A SURVEY
PRELIMINARY NOT FOR CONSTRUCTION



SYSTEM LINE ———

REPAIR LINE — — — —

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 138
BELLS CROSSING SUBDIVISION
MOORESVILLE, NC
IREDELL COUNTY

DATE:1/24/16 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 #: 2384
COUNTY: Iredell

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

OWNER: Meritage Homes — APPLICATION DATE 3/1/16
ADDRESS: ——— LOT 138 — DATE EVALUATED: 3/3/16
PROPOSED FACILITY: SFR — PROPOSED DESIGN FLOW (.1949): 600 — PROPERTY SIZE: 1.03 Acres
LOCATION OF SITE: 2765 San Agustin Trl. — PROPERTY RECORDED: ———
WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☒ Other Community Well
EVALUATION METHOD: ☐ Auger Boring ☒ Pit ☐ Cut — TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

PROFILE #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
P 1	LS 12%	0-5	BSCL, WSBK	FR, SS, SP	/	42"	PS C-M SAP INCL 17"-42"	/	.3
		5-29	RC, ABK	" " "					
		29-42	RCL, WSBK	" " "					
		42-48	Mass SL SAP	VFR, SS, SP					
P 2	LS 12%	0-5	BSCL, WSBK	FR, SS, SP	/	52"	C-M SAP INCL 18"-52"	/	.3
		5-32	RC, ABK	FR/FI, SS, SP					
		32-52	RCL, WSBK	FR, SS, SP					
P 3	LS 18%	0-5	BCL, SBK	FR, SS, SP	/	45"	C-M SAP INCL 16"-45"	/	.3 0-21" .325 21"-45"
		5-21	RC, SBK	" " "					
		21-45	RCL, WSBK	" " "					
P 4	LS 20%	0-8	BSCL, WSBK	FR, SS, SP	/	50"	F-L SAP INCL 33"-50"	/	.3
		8-39	RC, ABK	" " "					
		39-50	RCL, SBK	" " "					

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

OTHER FACTORS (.1946): ———
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: SS
OTHER(S) PRESENT: J.S. Murdock, M. Benfield

COMMENTS: ———