

APPLICATION

PERCOLATION TESTING

A 516045

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Susan Moxley

ADDRESS 3489 Downing Court PHONE 1-301-831-8350
Adams town, MD 21710

AGENT OR PROSPECTIVE BUYER Benchmark Engineering Inc.

ADDRESS 8480 Baltimore National Pk. PHONE 410-465-6105
Ellicott City, MD 21043
Suite 418

PROPERTY LOCATION:

SUBDIVISION Susan Moxley Property LOT NO. OLD 7 19/20

ROAD AND DESCRIPTION Frederick Road @ Roxbury Mills Road
NE Quadrant of Intersection

TAX MAP 8 PARCEL # 176

SIZE OF LOT 1 Ac. ± TYPE BLDG. SFD
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT.

[Signature]
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

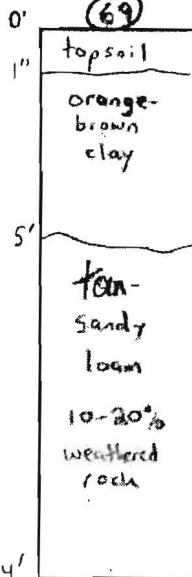
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

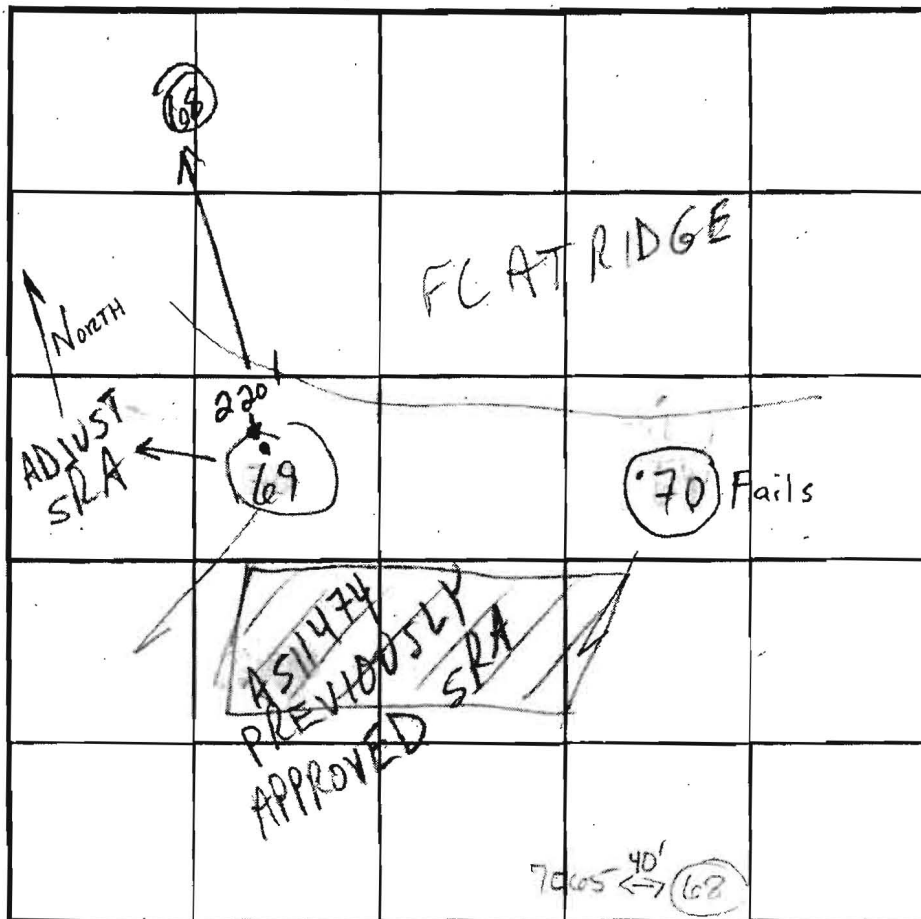
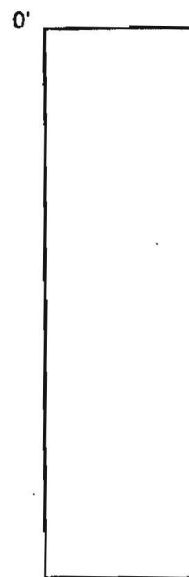
516045

COUNTY #

SOIL PROFILE



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

RT 144

(20)

Lot 16

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1' DROP		TIME
			START	STOP	START	STOP	
12/6/01	69	14' D	(VISUAL)	OK	SEE	SOIL PROFILE	
	aka 7064						OK
	70	11' Refusal	Excessive Rock				Fail
	aka 7063			@ 4'			
4-15-02	68	5' 3" S	10:26:35	10:28:17	10:28:19	10:41	13 min OK
		14' V					OK

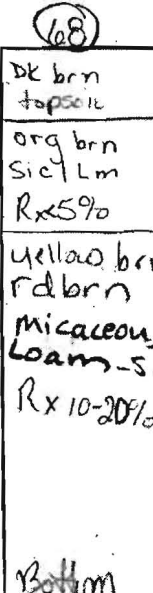
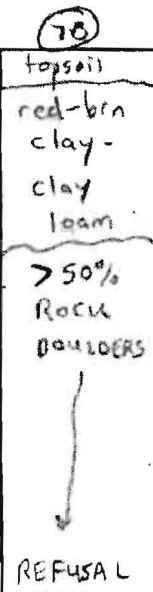
REMARKS Three other holes previously dug for ex. trench sys.

TYPE OF SOIL HOLE: 70 NOT PER PLAN Holes 69 & 70 - Lot 20

TESTED BY R6/SDK ALSO PRESENT Hartfields Danny Simpson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____ Roberto

14' INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____



516045

COUNTY #

SOIL PROFILE

(49)

Topsoil L
 1'
 Dense Rd Brn CLAY
 2.5YR 5/6
 Trace R_x
 4 1/2'
 Transition Yellowish brn SCL Lm
 10R 5/6
 5/3
 weak red "magenta"
 15-20%
 hard Saprolite frags
 Bottom 15 1/2'

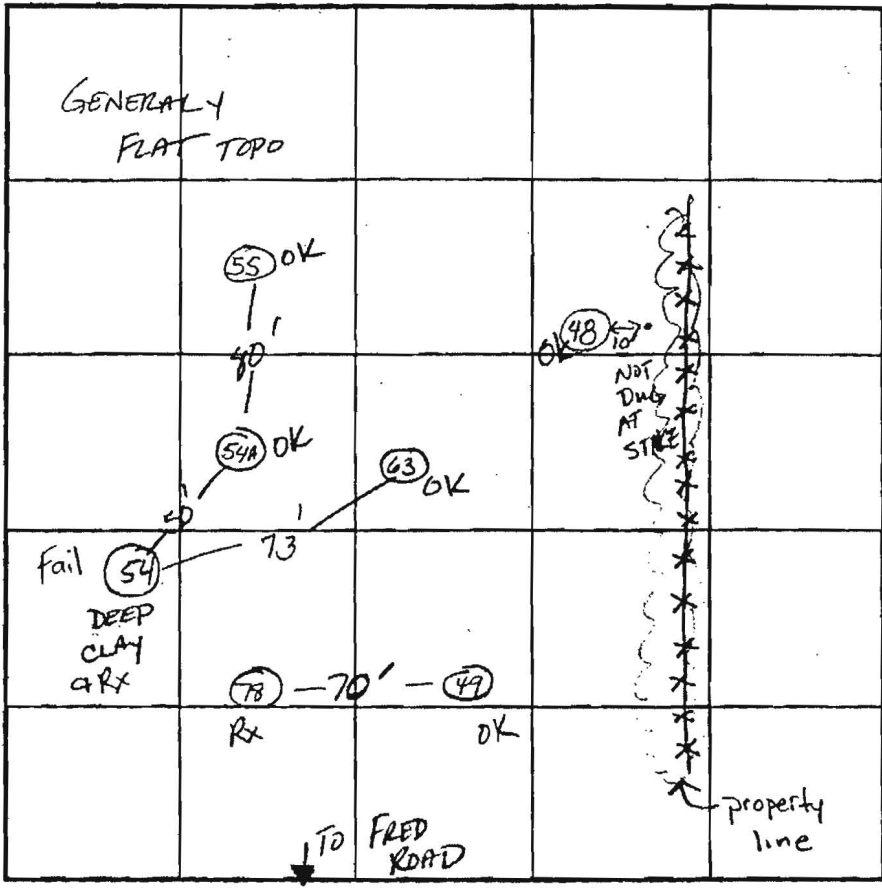
(54)

Topsoil
 DENSE CLAY
 5YR 5/8
 Rock frags ~35%
 Lg pebbles size
 5 1/2-6'

Excessive R_x 45-55%
 DENSE CLLM
 Refusal 10 1/2'

(55)

Topsoil L
 Dense org brn cl Lm
 Rock 570%
 4 1/2-5 1/2'
 Si CLLm
 2.5YR 6/2
 35-48%
 wk Saprolite white pink grey
 Bottom 15 1/2'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

(63)

0'
 1'
 T.S.
 rd brn dense CLLm
 Trace R_x
 6 1/2-7'
 wk rd "magenta"
 Si CLLm
 R_x ~5%
 13 1/2' Bottom

(48)

Topsoil
 10"
 Rd brn y brn Trace Dense R_x
 CLLm
 3 1/2'
 rd SCLLm R_x ~5%
 5'
 SLM 7.5YR 6/8, 5/6
 Saprolite 10-20%
 15'

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12-4-01	49	6' 9" 15 1/2' V	12:50	1 pm	1 pm	1:15	15 min OK
	54	See soil profile REFUSAL AT 10 1/2'		CLAY & R _x			Fail
	aka 7070						
	63	6' 5"	1:59	2:15	2:15	2:48	33 min
		8' M 13 1/2' V	3:53	3:57	3:57	4:03	7 min OK
	48	5 1/2' S 15' V	1:31:00	1:36:00	1:36:00	1:44	8 min OK
	55	6 1/2' S 15 1/2' D	1:12:22	1:15	1:15	1:22	7 min OK
DATA FOR 78 & 54A on next page							

REMARKS 54A NOT PER PLAN ; other holes per plan
 TYPE OF SOIL _____
 TESTED BY Krieg / Goedecking ALSO PRESENT Donny Simpson
Roberto
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH 3'
 INLET DEPTH 5' MAXIMUM BOTTOM DEPTH 7' SQ. FT./BEDROOM 210

A/P

(A) (B)

Red Br
Dense Fine
Sa Cl Loam

~3'

Moderately
Dense Fine
Sa Cl Loam

5'

Moderately
Dense
Fine Sa
Loam
Not
Rocky

Observation Holes Dug
For 2025 Drivers Lane
See Septic Permit As-Built
For Approximate Locations

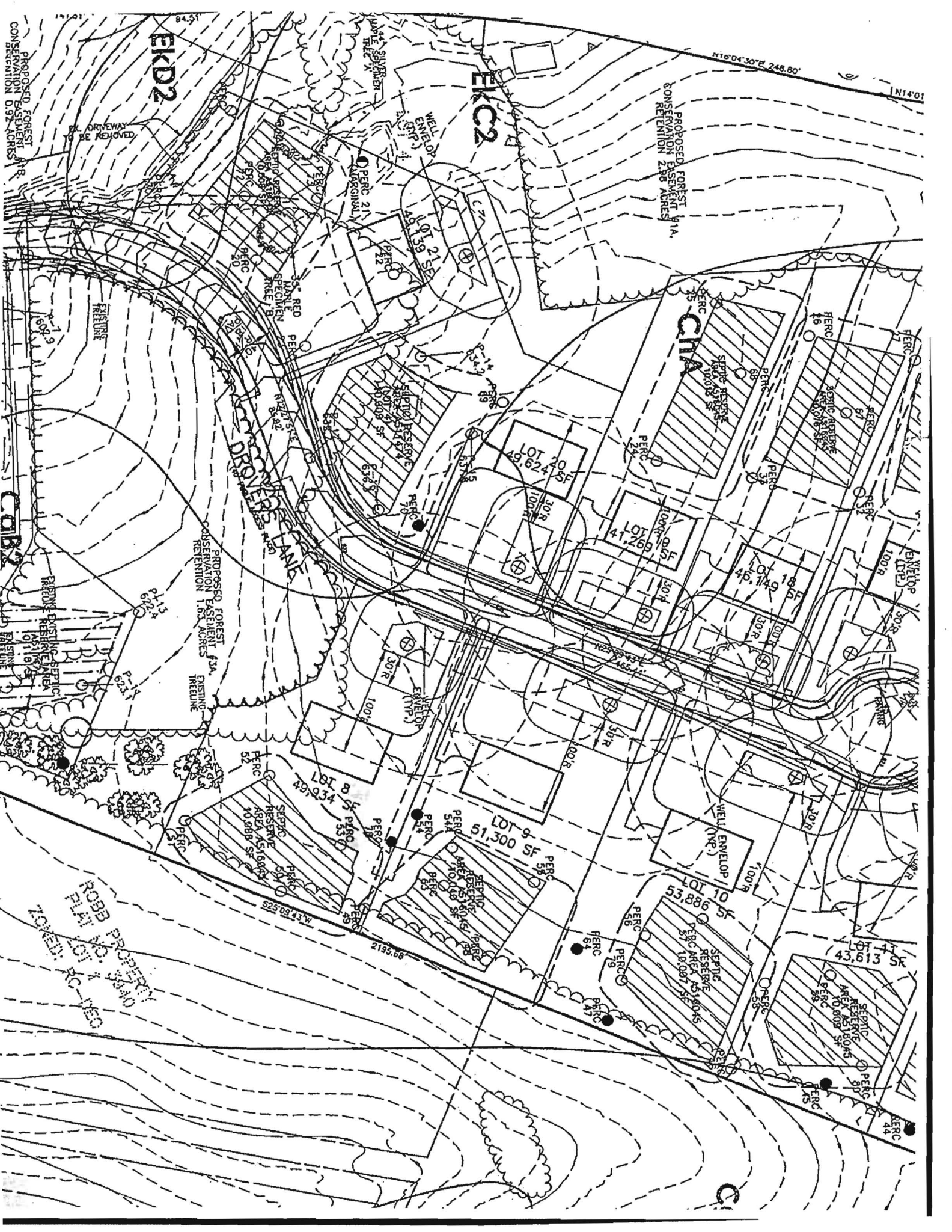
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
6/30/2014	A	7'	Visual				P
	B	7'	Visual				P

REMARKS Soils Should Have 0.8 Rates or Better Below 5'

SANITARIAN B. Baker BACKHOE Fogles OTHERS _____

TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



PROPOSED FOREST PRESERVATION EASEMENT #1A
CONSERVATION 2.98 ACRES

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CONSERVATION 2.98 ACRES

PROPOSED FOREST PRESERVATION EASEMENT #1A
CONSERVATION 1.53 ACRES

ROBB PROPERTY
PLAN NO. 25410
ZONED: RC-MED

EKD2

EKC2

CMA

CDB2

DRIVEWAY

PROPOSED FOREST PRESERVATION EASEMENT #1A
CONSERVATION 1.53 ACRES

PROPOSED FOREST PRESERVATION EASEMENT #1A
CONSERVATION 1.53 ACRES

N16°04'30"E 248.80'

N14°01'

2195.68'

S25°09'43"W 525.09'

DRIVEWAY TO BE REMOVED

FRONTLINE

RINDING EXISTING SEPTIC RESERVE AREA

EXISTING TREE LINE

EXISTING TREE LINE

EXISTING TREE LINE

WELL ENVELOPE

WELL ENVELOPE

WELL ENVELOPE

WELL ENVELOPE

WELL ENVELOPE

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WELL ENVELOPE

PERC 21

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