

McWhorter Construction LLC.
6851 Redberry Road
Clarksville, MD 21029
410 984 5813
SALES@MCWHORTERCONSTRUCTION.NET



MCWHORTER
CONSTRUCTION
design • build • remodel

Howard County Health Department
8930 Stanford Blvd
Columbia, MD 21045

December 7th 2020

ATTN: Jeff Williams

Dear Mr. Williams –

Please find attached the proposed revised perc cert plan for 13691 Old Rover Road West Friendship, MD 21794.

Please let me know what else you need,

Thank you,

Ryan McWhorter

DEC 8 2020

APPLICATION

PERCOLATION TESTING

A ³ 518567-B

P _____

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

DISTRICT _____

DATE 4/28/2000

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 Northridge Development LLC / Cindy DeLZoppo

ADDRESS 14045 Gared Drive PHONE 410-730-1074

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION NA LOT NO. (2)

ROAD AND DESCRIPTION located on the east & west side of
Pepperkorn Road

TAX MAP 15 PARCEL # 167

SIZE OF LOT _____ 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. Cindy DeLZoppo
(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

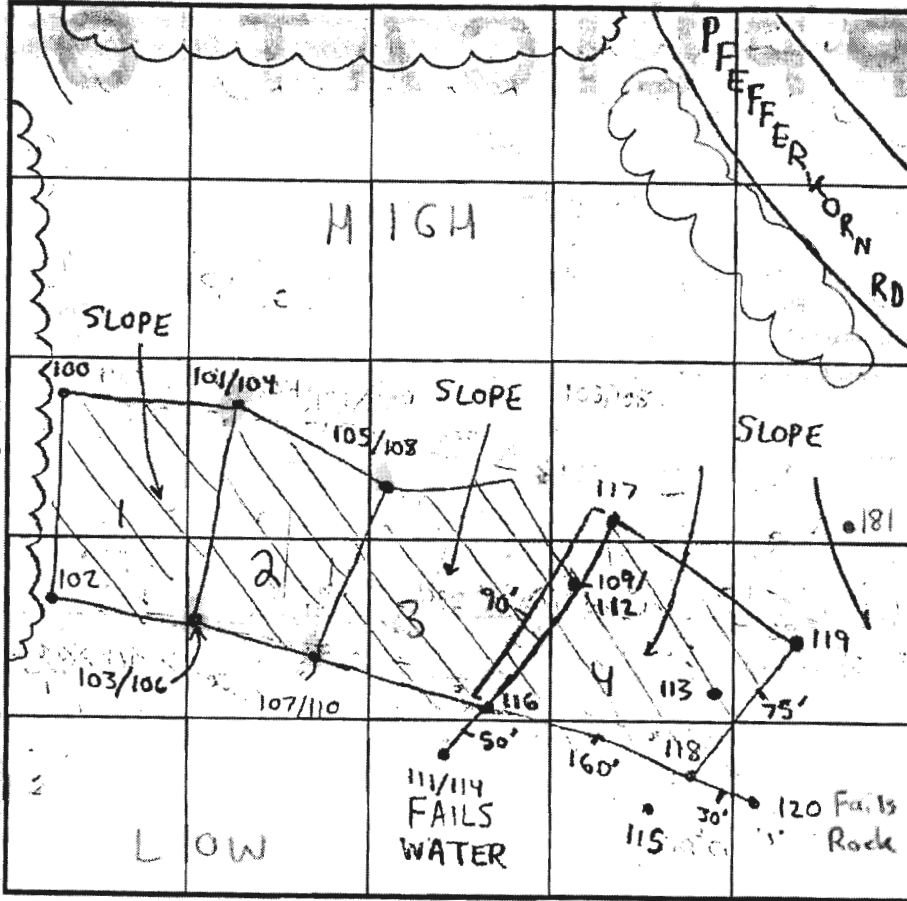
513567-B
COUNTY #

OLD ROVER ROAD

SOIL PROFILE
107/110

0' Top Soil
12-16" red-brown clay to clay loam
4 1/2" light brown fine sandy loam
< 5% Saprolite
WATER AT 2:44pm
12' WATER
13 1/2" Bottom
108/108
6" Top Soil
5" red-brown clay to silty
3' red-brown clay loam
3 1/2" tan-fine sandy loam
< 5% Saprolite
12 1/2" Bottom

WATER AT 2:44pm
OPEN AT 11:40am



SOIL PROFILE
116

0' Top Soil
14" red-brown silty clay loam
3 1/2" red-brown clay loam
4' tan-fine sandy loam
6' tan-orange fine-sandy loam
< 5% Saprolite
18 1/2" WATER AT 2:35pm
BOTTOM
HOLE 116 OPEN AT 10:45am

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
DRAWING NOT TO SCALE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-18-00	107/110	4.5T	11:58am	12:00pm	12:00pm	13:02pm	2min
		13.5V	(SEE SOIL PROFILE)				NA
		2.0T	2:45pm	2:46pm	2:46pm	2:47pm	1min
	Redig to 1'x1' & Repair	Test cube	2:47pm	2:49pm	2:49pm	2:51pm	2min
	105/108	12.5V	(SEE SOIL PROFILE)				NA
	111/114	11.0V	(Insufficient water to table)		(Soil Buffer Table)		NA
	116	3.5T	1:14pm	1:15pm	1:15pm	1:22pm	7min
		13.5V	(SEE SOIL PROFILE)				NA

REMARKS: 6' soil buffer required for this perc test (Wet Season 2000)

TYPE OF SOIL: Chester

TESTED BY: Steven R. Krieg

ALSO PRESENT: Chuck Zepp, Robert Colson, Cindy DelZoppo

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME: 3min TRENCH WIDTH: 3'

INLET DEPTH: 2' MAXIMUM BOTTOM DEPTH: 4' SQ. FT./BEDROOM: 180

12 1/2" Bottom
11/114
0' Top Soil
1' red-brown clay to silty
3 1/2" red-orange sandy loam
Saprolite contains red, orange, gray & black
9 1/2" WATER
14' Bottom

OK
OK
Fails
OK
OK

513567-A

↑ OLD ROVER ROAD

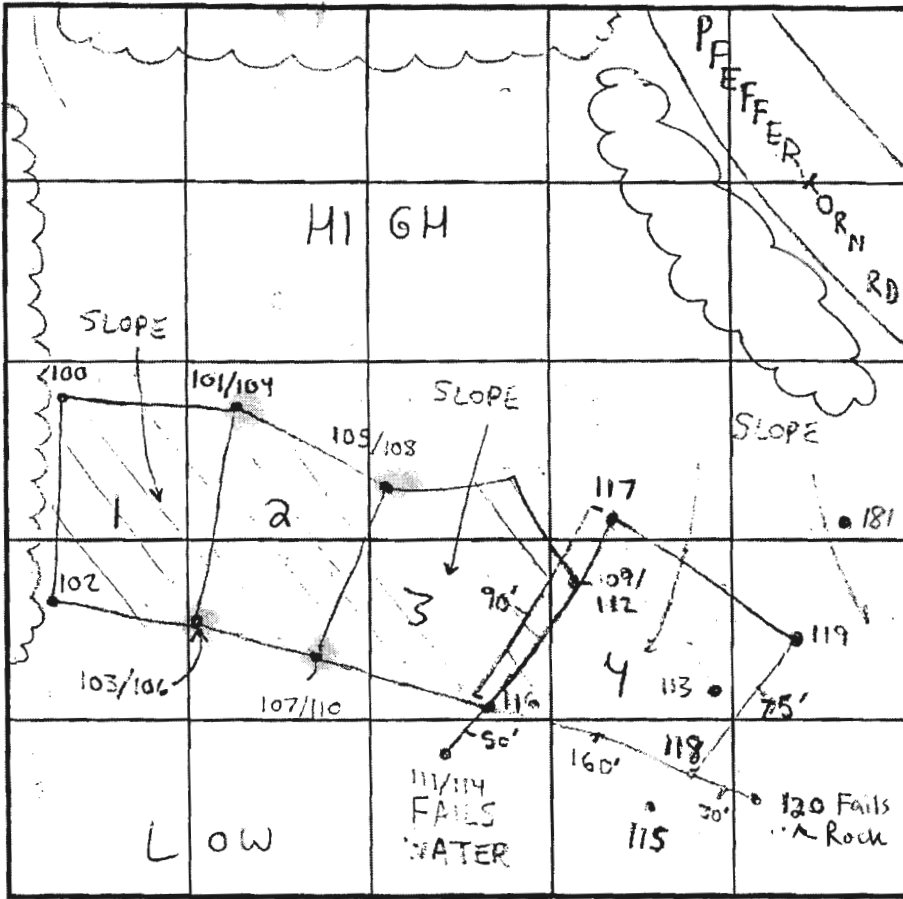
COUNTY #

SOIL PROFILE 101/104

0' Top Soil
 3'-1" red-brown silty clay lm
 3' red-brown clay loam
 4' tan sandy loam <5% Saprolite
 11' BOTTOM 100

0' Top Soil
 1'-6" red brown silty clay lm
 2.5' red brown clay loam
 4' tan sandy loam <5% Saprolite w/ black pockets of decayed parent material (manganese)
 13' BOTTOM 103/106

0' Top Soil
 3'-1" red brown silty clay lm
 3' light brown clay loam
 4' tan-orange brown sandy loam <5% SAPROLITE
 3.5' WATER
 14' BOTTOM



SOIL PROFILE 102

0' Top Soil
 4-6" red brown silty clay lm
 2.5' orange brown clay loam
 3-4' tan sandy loam <5% Saprolite w/ black pockets of decayed parent material (manganese)
 13' BOTTOM

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASELINE
 DRAWING NOT TO SCALE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5-18-00	101/104	4' T	11:02	11:03	11:03	11:05	2min
		11' V	(SEE SOIL PROFILE)		(SEE SOIL PROFILE)		OK
	100	4' T	11:08am	11:09am	11:09am	11:11am	2min
		13' V	(SEE SOIL PROFILE)		(SEE SOIL PROFILE)		OK
	103/106	4' T	11:27am	11:30am	11:30am	11:35am	5min
		14' V	(SEE SOIL PROFILE)		(SEE SOIL PROFILE)		OK
	102	13' V	(SEE SOIL PROFILE)		(SEE SOIL PROFILE)		OK

REMARKS 6' soil buffer required for this perc test (Wet Season 2000)

TYPE OF SOIL Chester

TESTED BY Steven R. Krieg

ALSO PRESENT Chuck Zepp, Robert Colson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3min

TRENCH WIDTH 3'

INLET DEPTH 2'

MAXIMUM BOTTOM DEPTH 4'

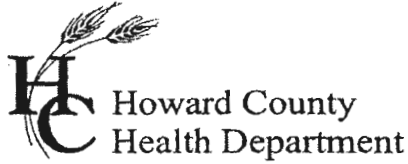
SQ. FT./BEDROOM 180

11:30am
 7:30am

HOLE S

FOR

LOT 2



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia MD 21046
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

November 16, 2006

Robert C. Boswell Jr.
13691 Old Rover Rd.
West Friendship, MD

RE: **Variance Approval**
13691 Old Rover Rd.
West Friendship, MD

Dear Sir:

The Department of Health has received your variance request received November 2, 2006 for the above referenced property. This agency will grant **approval** of the variance provided that the deck is constructed with the footers of the deck no closer than five (5) feet to the existing septic tank. Approval of a building permit will be granted by this Department provided that the site plan submitted with the building permit application is consistent with the site plan approved under this variance request and the construction plans illustrate the construction of the footers in compliance with the five (5) foot setback. Any deviations from the site plan submitted with the request will be subject to further review by this Department.

Any questions regarding this decision may be directed to the Well and Septic Program of the Howard County Health Department.

Respectfully,

A handwritten signature in cursive script that reads 'Michael J. Davis'.

Michael J. Davis, R.S.
Director, Well and Septic Programs

cc: File

Signed Pre-lim

9173

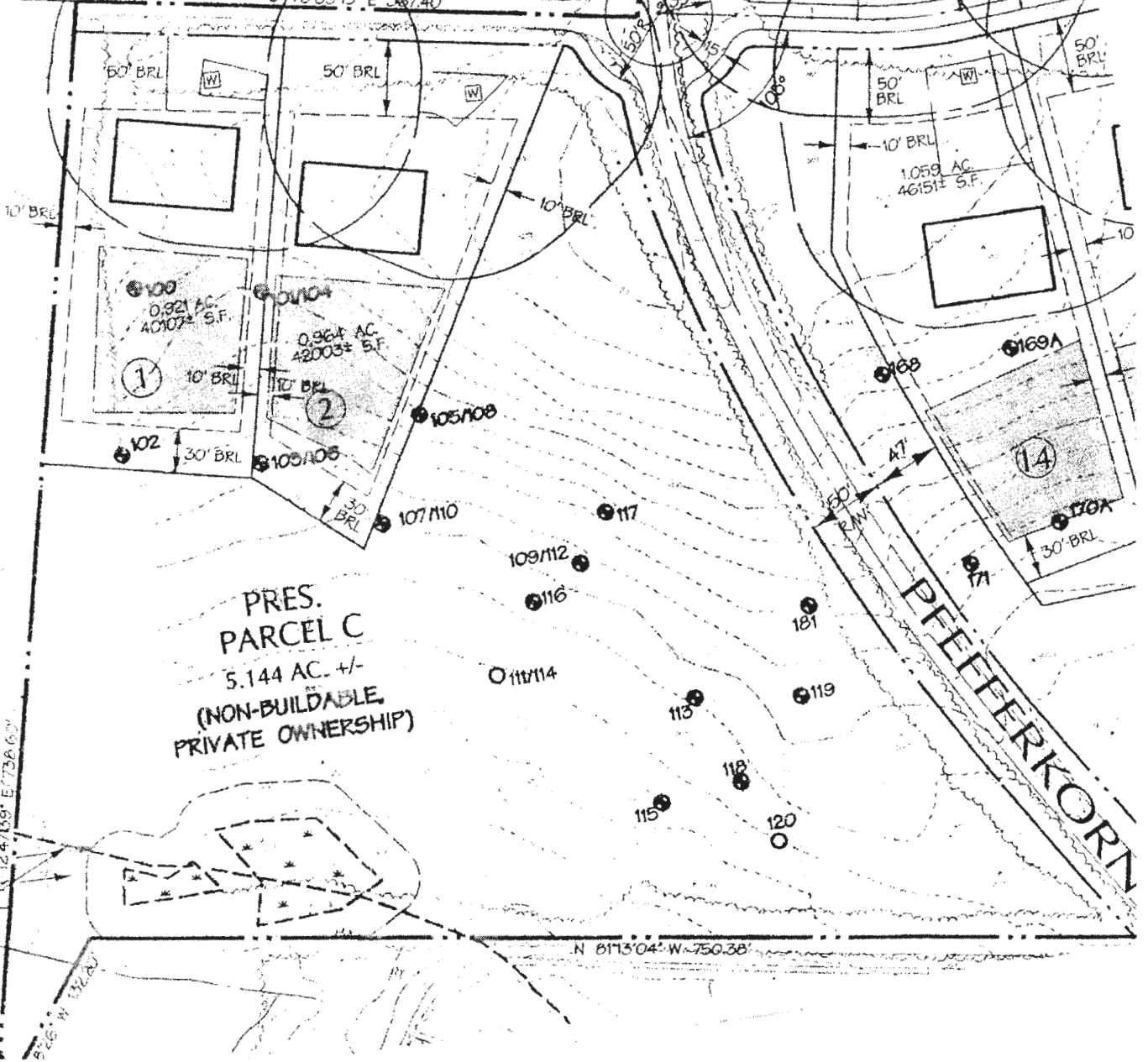
SBARRA MARK G
MONTGOMERY CATHLEEN A JIT
33321 406
P.168.5
ZONE: RR-DEO

PRES.
PARCEL A
0.37 AC +/-
(NON-BUILDABLE)

OLD ROVER LOCAL ROAD RD.

FUTURE PAYEMENT

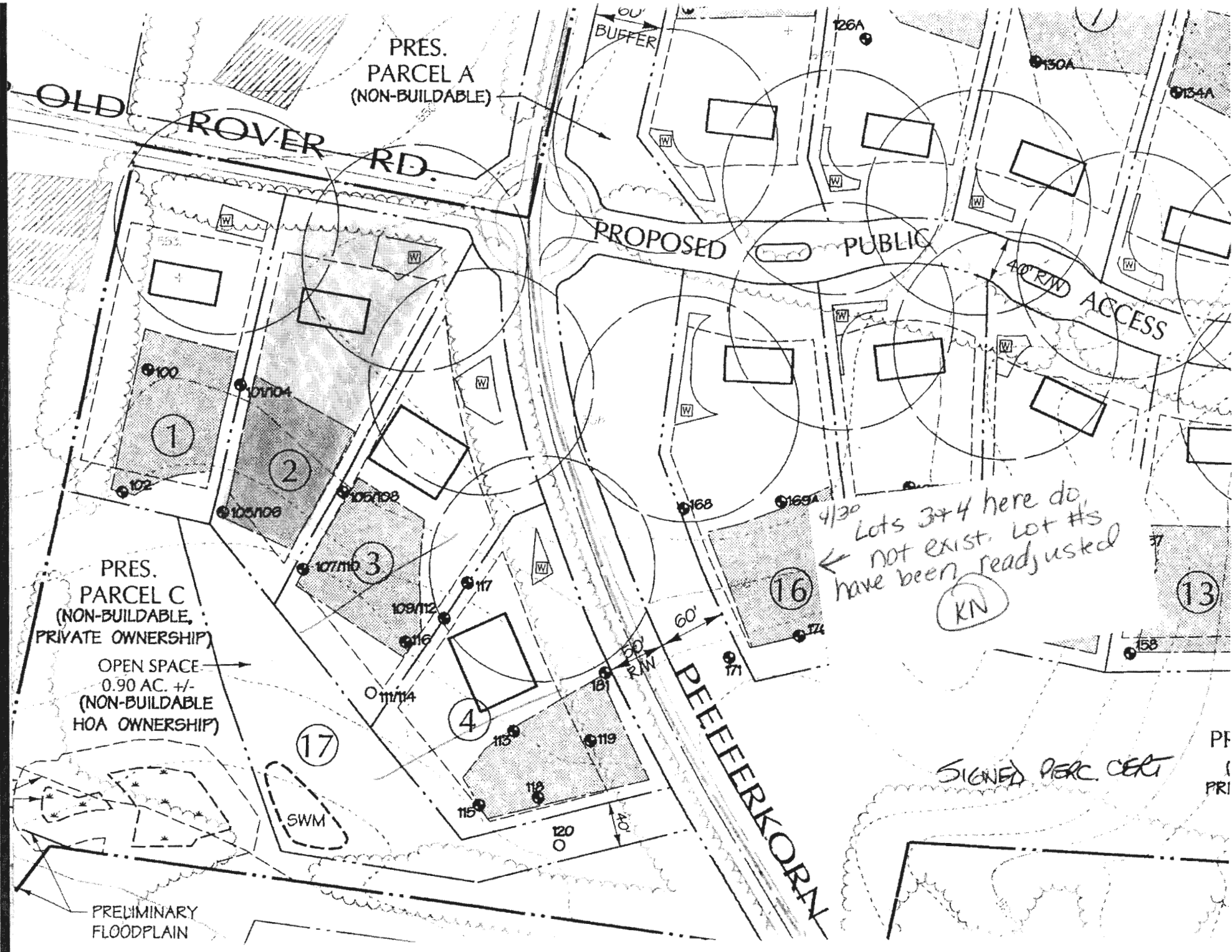
S 79°33'15" E 357.40'



PRES.
PARCEL C
5.144 AC +/-
(NON-BUILDABLE,
PRIVATE OWNERSHIP)

PFEIFERKORN

N 81°13'04" W 750.38'



PRES. PARCEL A (NON-BUILDABLE)

OLD ROVER RD.

PROPOSED PUBLIC
40' RW ACCESS

PRES. PARCEL C (NON-BUILDABLE, PRIVATE OWNERSHIP)

OPEN SPACE 0.90 AC. +/- (NON-BUILDABLE HOA OWNERSHIP)

4/30
Lots 3+4 here do not exist. Lot #'s have been readjusted
KN

SIGNED PERC CERT

PRELIMINARY FLOODPLAIN

PFEFERKORN

SWM

120

40'

PF
PRI

Revised perc cert plan for revised septic reserve area
 Property owner- Jerry Freishtat
 13691 old rover road
 West friendship, md 21794
 (301) 502-5473
 Plan prepared by Ryan McWhorter
 (410) 984-5813

OLD ROVER ROAD
 LOCAL ROAD

9/20/06 OK
 M. Dow

i certify that the information shown herein is based on field work performed by me, and is correct, to the best of my knowledge and belief

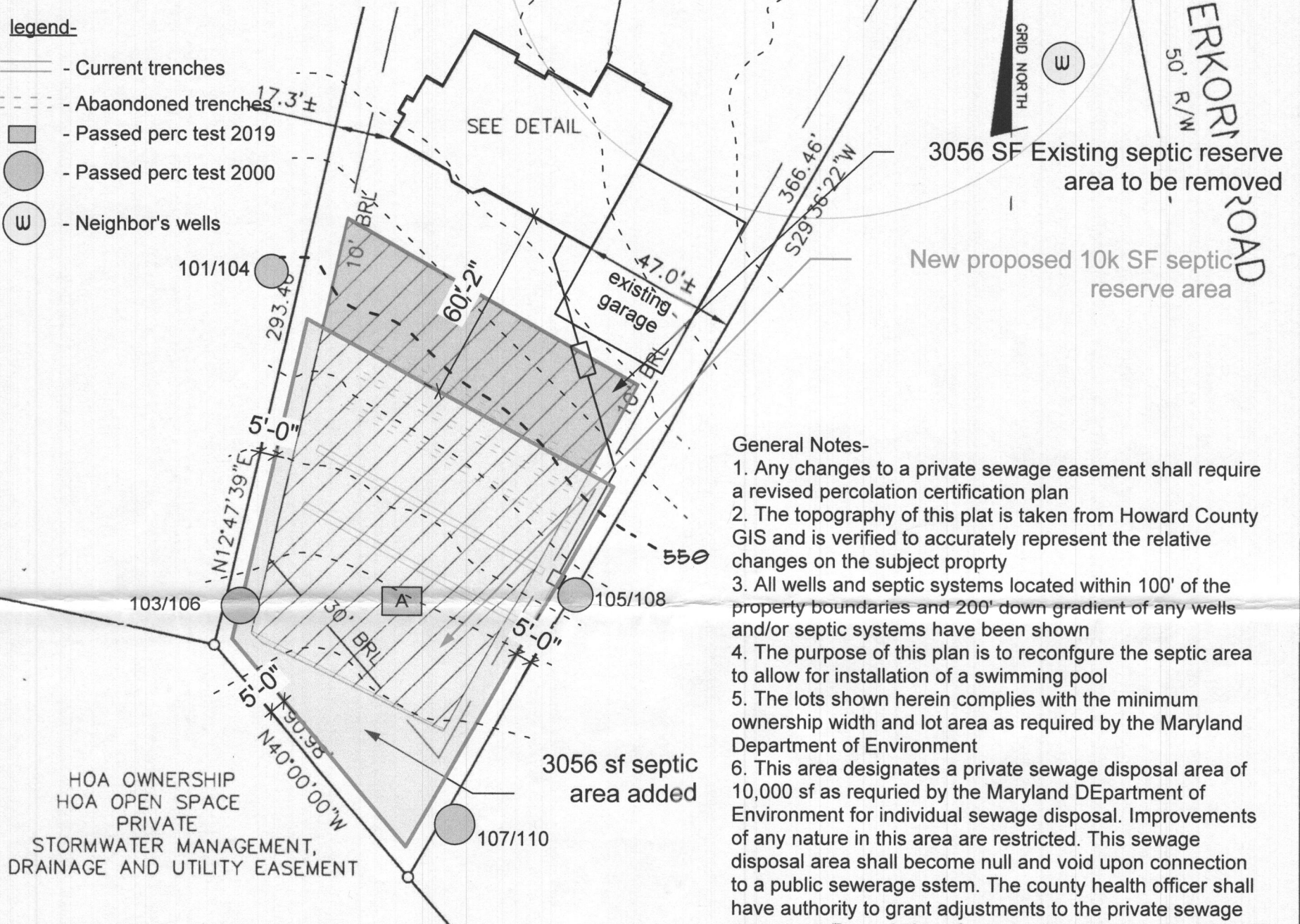
R. McWhorter (W) 12-7-20
 LOT 1

Approved For Private Water and Private Sewerage Systems

B. Wilson for Maura Rossman 12/29/2006
 Health Officer, Howard County Health Dept. Date

Legend-

- Current trenches
- Abandoned trenches
- Passed perc test 2019
- Passed perc test 2000
- (W) - Neighbor's wells



HOA OWNERSHIP
 HOA OPEN SPACE
 PRIVATE
 STORMWATER MANAGEMENT,
 DRAINAGE AND UTILITY EASEMENT

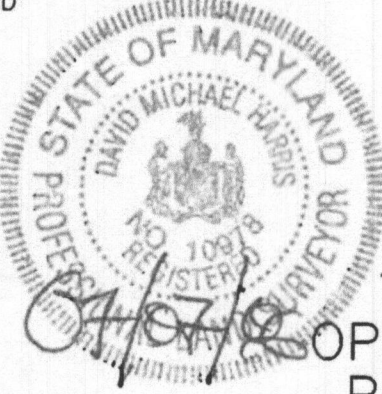
- General Notes-
1. Any changes to a private sewage easement shall require a revised percolation certification plan
 2. The topography of this plat is taken from Howard County GIS and is verified to accurately represent the relative changes on the subject property
 3. All wells and septic systems located within 100' of the property boundaries and 200' down gradient of any wells and/or septic systems have been shown
 4. The purpose of this plan is to reconfigure the septic area to allow for installation of a swimming pool
 5. The lots shown herein complies with the minimum ownership width and lot area as required by the Maryland Department of Environment
 6. This area designates a private sewage disposal area of 10,000 sf as required by the Maryland DEpartment of Environment for individual sewage disposal. Improvements of any nature in this area are restricted. This sewage disposal area shall become null and void upon connection to a public sewerage sstem. The county health officer shall have authority to grant adjustments to the private sewage easement. Recordation of a revised sewage easement shall not be necessary

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 07/06/06 ; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY DAFT,McCUNE,WALKER , INC. ENTITLED " FOX MEADOW LOTS 1 THROUGH 12,14 THROUGH 17,H.O.A. OPEN SPACE LOTS 13,&18,PRESERVATION PARCELS A,B, AND C ", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No.16865

David M. Harris

DAVID M. HARRIS
 REGISTERED PROFESSIONAL LAND SURVEYOR
 MD REG. No. 10978
 FOR BENCHMARK ENGINEERING, INC.
 MD REG. No. 351
 RECORD PLAT No. 16865
 FEMA FIRM No. 240044 0015 B
 ZONE: C
 DATED: 12/04/86



WALL CHECK
 FOX MEADOW
 LOTS 1 THROUGH 12,
 14 THROUGH 17,H.O.A.
 OPEN SPACE LOTS 13,&18,
 PRESERVATION PARCELS
 A, B, AND C

LOT No. 2

13691 OLD ROVER ROAD

3RD ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DATE: 07/06/06

BENCHMARK
 ENGINEERS • LAND SURVEYORS • PLANNERS
 ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE • SUITE 418
 ELLICOTT CITY, MARYLAND 21043
 phone: 410-485-6105 • fax: 410-485-6644
 P:\1743 Fox Meadow.dwg, wallcheck, 7/7/2006 9:17:34 AM,
 Kycocera Mita KM-2530 KX.oc3

Revised perc cert plan for revised septic reserve area
 Property owner- Jerry Freishtat
 13691 old rover road
 West friendship, md 21794
 (301) 502-5473
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OLD ROVER ROAD
 LOCAL ROAD

9/20/06 OK
 M. Dow

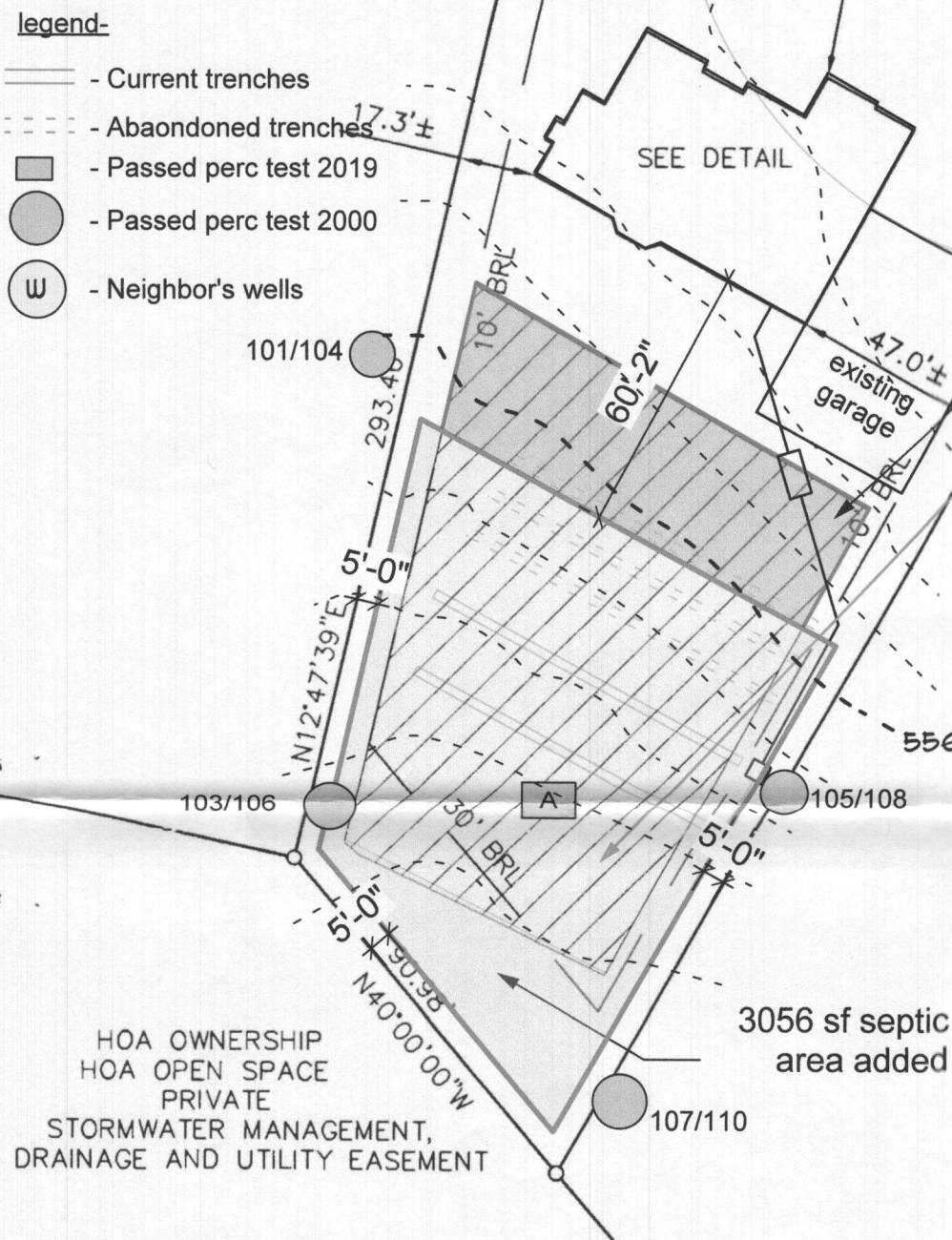
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R. McWhorter
 12-7-20
 LOT 1

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Maura Roseman 12/29/2006
 Health Officer, Howard County Health Dept. Date

Legend-

- Current trenches
- Abandoned trenches
- Passed perc test 2019
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- Neighbor's wells



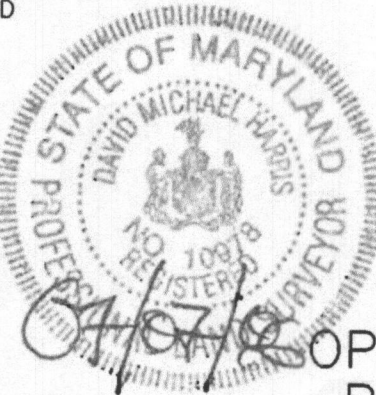
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