

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A/P _____

AGENCY REVIEW: _____ DATE _____

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMITS

CHECK AS NEEDED:

- CONSTRUCT NEW SEPTIC SYSTEM(S)
- REPAIR/ADD TO AN EXISTING SEPTIC SYSTEM
- REPLACE AN EXISTING SEPTIC SYSTEM

CHECK AS NEEDED:

- NEW STRUCTURE(S)
- ADDITION TO AN EXISTING STRUCTURE
- REPLACE AN EXISTING STRUCTURE

CHECK ONE:

- CREATE NEW LOT(S)
- BUILD ON AN EXISTING LOT IN A SUBDIVISION
- BUILD ON AN EXISTING PARCEL OF RECORD

IS THE PROPERTY WITHIN 2500' OF ANY RESERVOIR?

- YES
- NO

THE TYPE OF STRUCTURE IS:

- RESIDENTIAL WITH _____ PROPOSED BEDROOMS IN THE COMPLETED STRUCTURE (NOTE **UNKNOWN** IS NOT AN APPROPRIATE)
- COMMERCIAL (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/ CUSTOMERS ON ACCOMPANYING PLAN)
- INSTITUTIONAL/GOVERNMENT (PROVIDE DETAIL OF NUMBERS AND TYPES OF EMPLOYEES/USERS ON ACCOMPANYING PLAN)

PROPERTY OWNER(S) Nelson

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS 12490 HOWARD LODGE DR. SYKESVILLE MD 21784
STREET CITY/TOWN STATE ZIP

APPLICANT _____

DAYTIME PHONE _____ CELL _____ FAX _____

MAILING ADDRESS _____
STREET CITY/TOWN STATE ZIP

APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME River Park Est. Nelson (Weisensel) Property LOT NO. 2-D

PROPERTY ADDRESS HOWARD LODGE DR
STREET TOWN/POST OFFICE

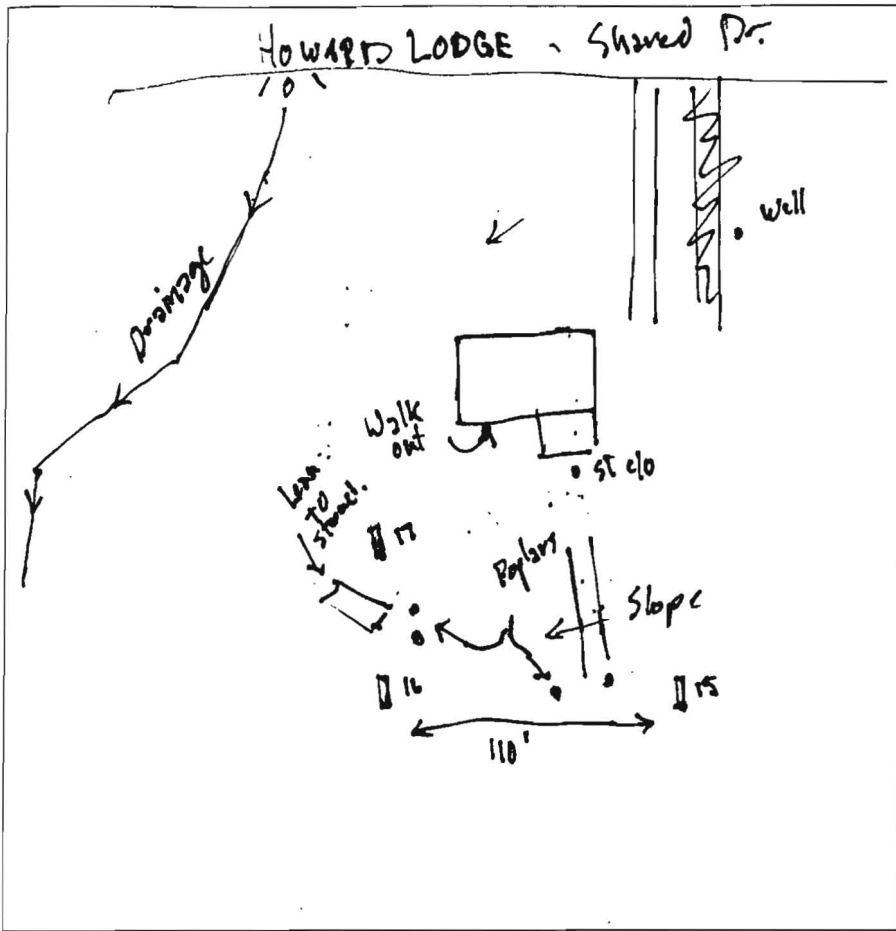
TAX MAP PAGE(S) 9 GRID 12 PARCEL(S) 306 PROPOSED LOT SIZE 1.027

AS APPLICANT, I UNDERSTAND THE FOLLOWING: THE SYSTEM INSTALLED SUBSEQUENT TO THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC SEWERAGE IS AVAILABLE. THIS APPLICATION IS COMPLETE WHEN ALL APPLICABLE FEES AND A SUITABLE SITE PLAN HAVE BEEN RECEIVED. I ACCEPT THE RESPONSIBILITY FOR COMPLIANCE WITH ALL M.O.S.H.A. AND "MISS UTILITY" REQUIREMENTS. APPROVAL IS BASED UPON SATISFACTORY REVIEW OF A PERC CERTIFICATION PLAN.

TEST RESULTS WILL BE MAILED TO APPLICANT.

SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
7178 COLUMBIA GATEWAY DRIVE COLUMBIA, MARYLAND 21046 (410) 313-2640 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH



15
Dark Yellow
Brn Low-Solm

2
Lt Yellow Brn
Solm & VW
Saprolites w/
Black/Grey
Red Yellow
vertical striations
All mineral
based colors

11 1/2

16/17
Yellow Red soil

1
Lt. Yellow Brn.
Solm &
Saprolite
w/some (40%)
Yellow-Reds

bottom

10

11

See
17
profile
w/
10'
bottom

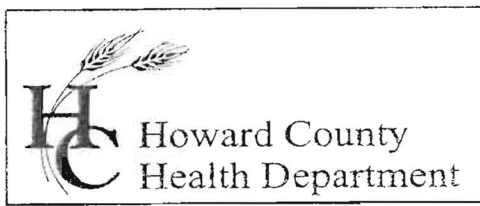
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/5/07	15	3' / 11 1/2	10:01	10:65	10:15	10m	P
	17	2' 8" / 11	10:28	10:31	10:35	4m	P
	16	3' / 10	10:36	10:38	10:45	7m	P

REMARKS Wet season '07 - All on stake Lot 2-D

SANITARIAN GAC BACKHOE _____ OTHERS Worwickeller (CLSI), Ziller

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____



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

March 24, 2006

Mr. Greg Nelson
12490 Howard Lodge Drive
Sykesville, Maryland 21784

RE: P/O Lot 2-A, 2-B, 2-C & 2-D, Howard Lodge Drive

Dear Mr. Nelson:

I have reviewed the information that our agency has on your property. In order to determine if your property is build-able or not, the following must be done and of course if the lots receive a percolation certification, water wells would also need to be drilled to further determine if the lots are build-able:

- 1) Must establish a 10,000 square foot Sewage Disposal Area on all four lots (2-A, 2-B, 2-C, 2-D) within the property boundaries on each lot.
- 2) Notes from percolation testing in 1981 for Lot 2-B indicates that 2-B percolated too fast due to a rocky hole and the lot should have had more holes dug with a note to have the site staked and the weeds were supposed to be cut for a re-test. This doesn't appear to have been done.
- 3) Lots 2-C & 2-D will need wet season testing done due to water.

To summarize, you will need to submit percolation test applications for all 4 lots with a copy of the most recent final plat showing these 4 lots. When ready all lot corners must be professionally staked by a licensed surveyor or engineer. I have attached the percolation test requirements and the percolation certification requirements with this letter.

If I can be of further assistance, please contact me at 410-313-1771.

Respectfully,

Michael J. Davis, Program Director
Well & Septic Program

Cc: file

Steph,

3/14/06

Please pull file for my review.

Mike

ATTENTION: MIKE DAVIS

I HAVE THREE LOTS ON HOWARD LODGE DRIVE THAT I WOULD LIKE TO SELL. I BELIEVE ONLY ONE IS CURRENTLY A BUILDABLE LOT. MY UNDERSTANDING IS THAT THERE SEVERAL OPTIONS AVAILABLE THAT COULD MAKE ALL THREE BUILDABLE. I HAVE BEEN TOLD THERE IS THE POSSIBILITY OF A SHARED SEPTIC SYSTEM OR A SAND MOUND SYSTEM. THE LOTS IN QUESTION ARE LOTS 2A, 2B, 2C, MY HOUSE IS ON 2D. THE LIBER NUMBER IS 712 AND THE FOLIO NUMBERS ARE 28, 30, 32 AND 34. I DON'T KNOW WHAT INFORMATION YOU NEED OR IF I NEED TO CONTACT SOMEONE ELSE, BUT I WAS DIRECTED TO YOU. IF YOU CAN HELP ME OUT IN ANYWAY I WOULD APPRECIATE IT.

3/15/06

THANKS

GREG NELSON

JOHN S. WILSON LUMBER

410-442-2400

410-442-2980 FAX

410-442-5612 HOME

① Need to est. 10,000 on lot 2D within the property boundaries, lot 2C, lot 2B and 2A.

② Lot 2B Failing perc too fast. Recs. made to stake lot & cut weeds for retest (7/30/21).

③ Lots 2D 7/30/21 - Need wet season testing due to H₂O

④ Next step - Need perc test plan and 4 perc applications and ~~12490 Howard Lodge Drive - Owners House~~

A21303

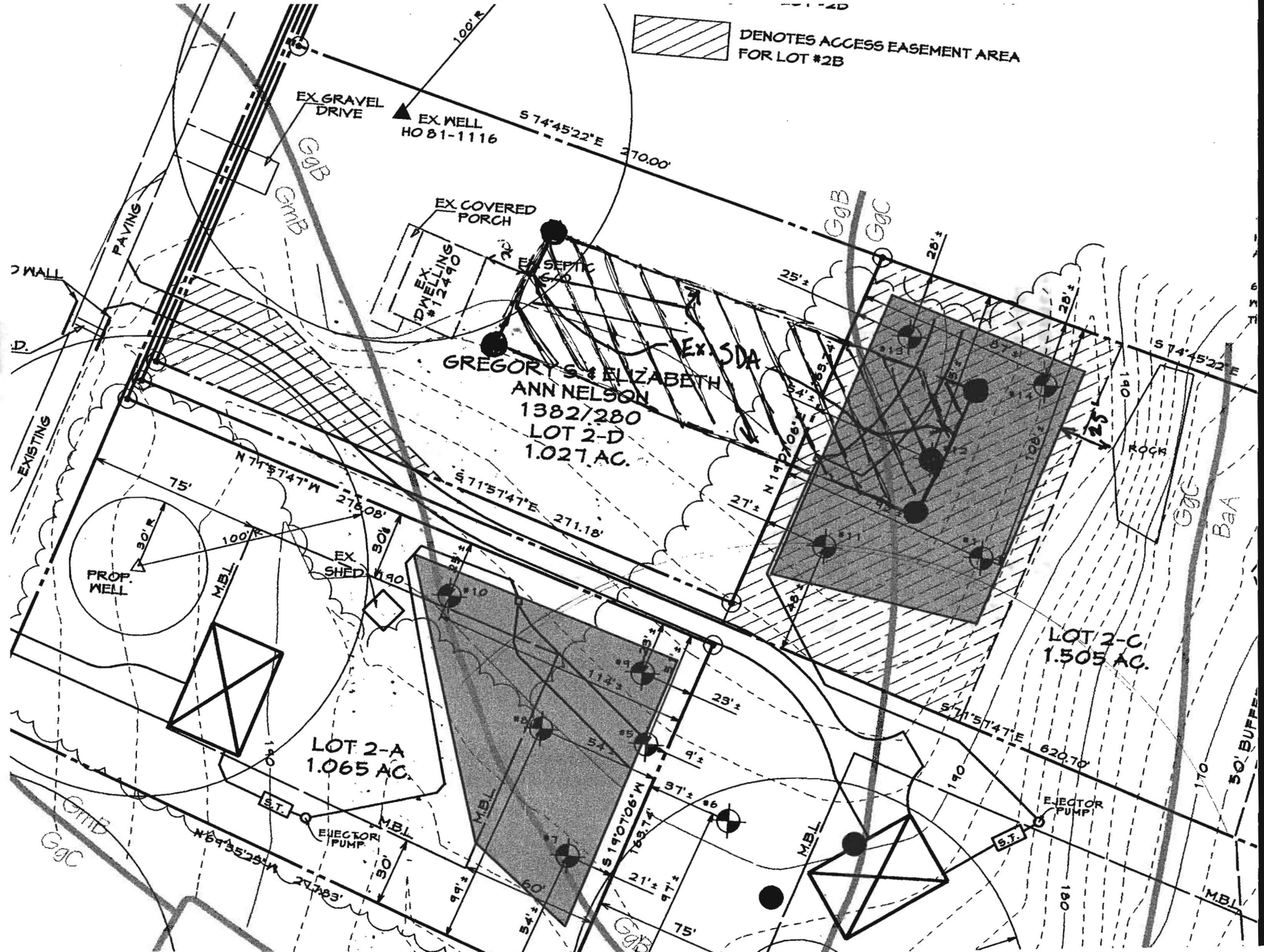
P43143

All lot corners must be professionally staked!

a copy of the most recent final plat.

M. Davin

DENOTES ACCESS EASEMENT AREA FOR LOT #2B



EX GRAVEL DRIVE

EX WELL HO 81-1116

EX COVERED PORCH

EX DWELLING #124490

GREGORY S. & ELIZABETH ANN NELSON
1382/280
LOT 2-D
1.027 AC.

EX SDA

LOT 2-C
1.505 AC.

LOT 2-A
1.065 AC.

EJECTOR PUMP

EJECTOR PUMP

2 WALL

EXISTING

PROP. WELL

ROCK

BaA

50' BUFFER

MBL

PAVING

GGB

GMB

GGB

GGC

GGB

GGC

GMB

GGC

GGC

MBL

E.T.

E.T.

N 69°35'28" W

274.83'

75'

N 71°57'47" W

278.08'

100'R

MBL

EX SHED

90'x190'

N 71°57'47" E

271.18'

571°57'47" E

271.18'

23'x34'

#10

112'

31'

23'x

9'

37'x

86'

97'x

75'

190'

S 71°57'47" E

620.70'

190'

170'

50' BUFFER

S 74°45'22" E

270.00'

100'R

25'x

28'x

28'x

25'x

28'x

28'x

28'x

28'x

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20'

N 18° 49' 12"

100' R

574°45'22"E 270.00'

EX GRAVEL DRIVE
EX WELL HO 81-1116

EX COVERED PORCH

EX PERC

EX SEPTIC G42

EX TRENCHES

EX SEPTIC AREA

GREGORY S. & ELIZABETH ANN NELSON
1382/280
LOT 2-D
1.027 AC.
PROPOSED AREA

EX DWELLING #124490

#15

40'±

25'±

28'±

27'±

40'±

#16

40'±

#17

571°57'47"E 271.18'

571°57'47"E 620.70'

N 71° 57' 47" W 276.08'

EX SHED #190

PROP. WELL

LOT 2-A
1.065 AC.

ST. Q

EJECTOR PUMP

S 19° 07' 06" W 169.74'

23'±

9'±

37'±

21'±

97'±

54'±

60'±

54'±

99'±

99'±

99'±

99'±

99'±

99'±

99'±

EJECTOR PUMP

PROP. WELL

LOT 2-B
1.826 AC.

ST. Q

EJECTOR PUMP

N 6° 19' 39" W 176.17'

190

180

170

160

150

140

130

120

110

100

90

80

70

60

50

50' BUFFER

50' BUFFER

S 10° 11' 05" W 191.00'

160

170

180

190

200

210

220

230

240

250

260

270

280

290

300

310

320

330

340

350

360

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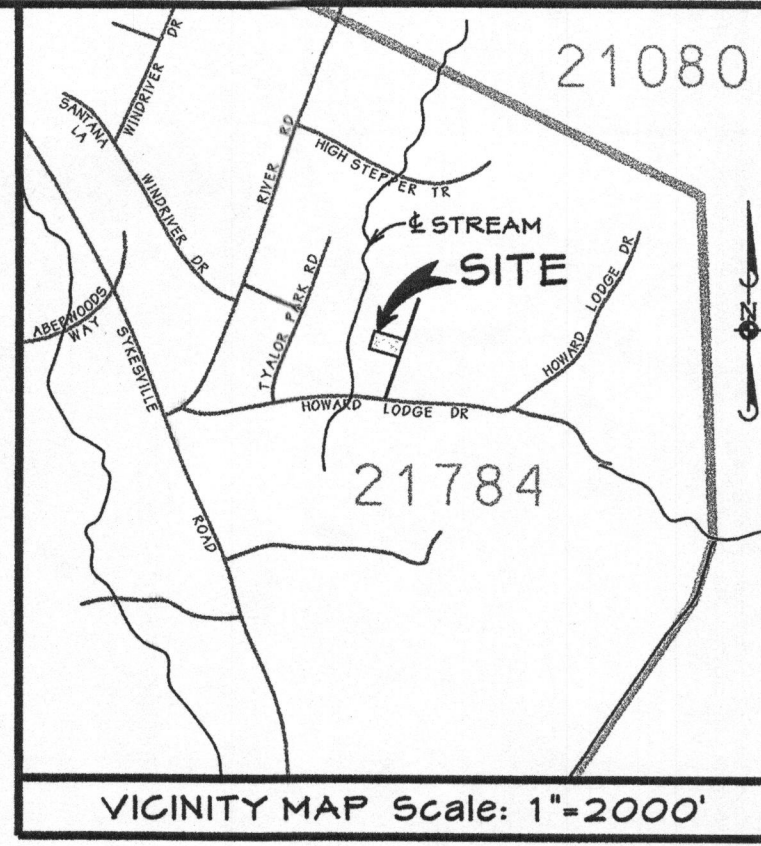
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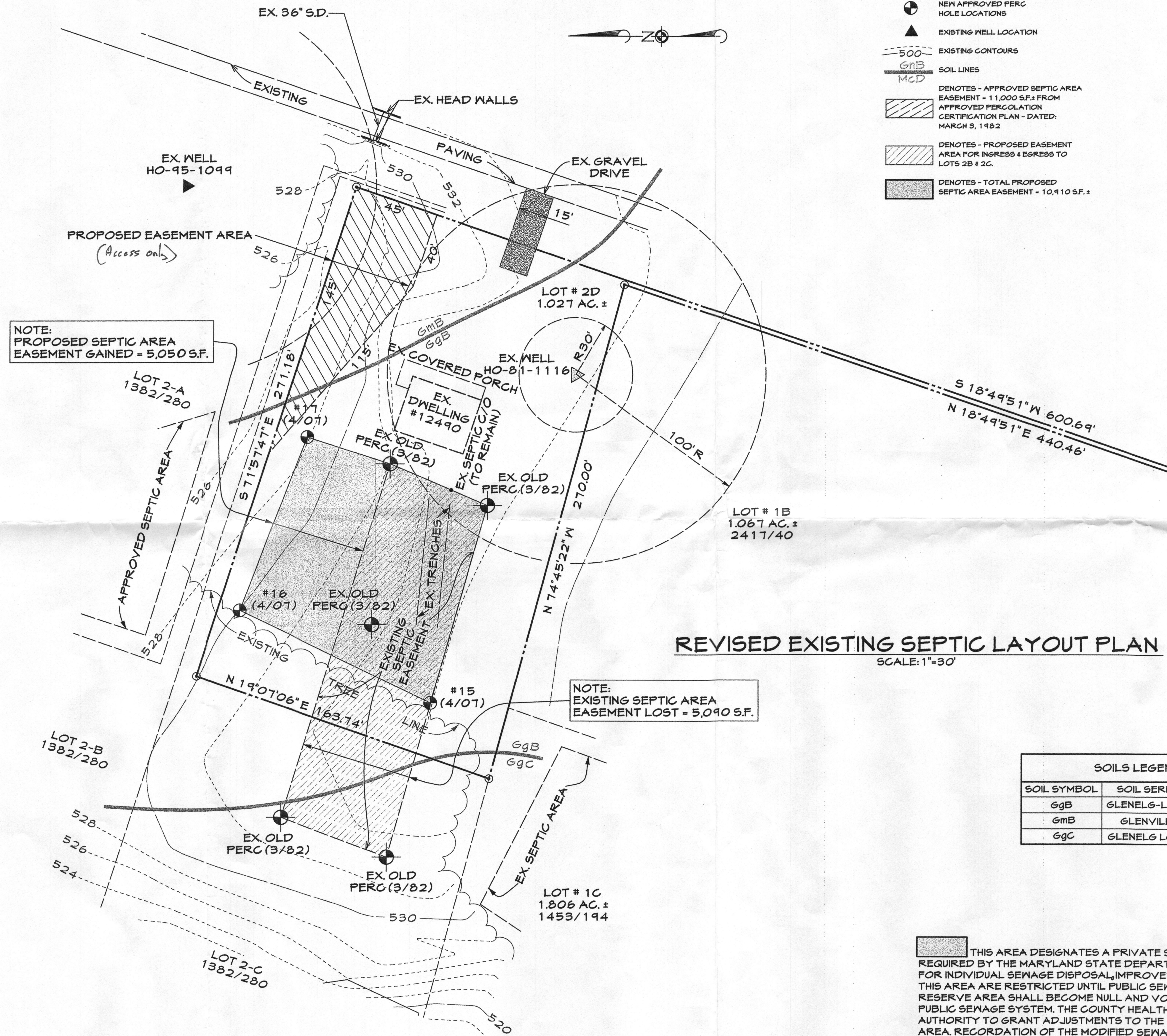
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RECEIVED
JUN 27 2007
HOWARD COUNTY HEALTH DEPT.
BUREAU OF ENVIRONMENTAL HEALTH

- LEGEND**
- EXISTING OLD PERCS
 - NEW APPROVED PERC HOLE LOCATIONS
 - EXISTING WELL LOCATION
 - EXISTING CONTOURS
 - SOIL LINES
 - DENOTES - APPROVED SEPTIC AREA EASEMENT - 11,000 S.F. FROM APPROVED PERCOLATION CERTIFICATION PLAN - DATED: MARCH 9, 1982
 - DENOTES - PROPOSED EASEMENT AREA FOR INGRESS & EGRESS TO LOTS 2B & 2C.
 - DENOTES - TOTAL PROPOSED SEPTIC AREA EASEMENT - 10,910 S.F. ±

- GENERAL NOTES:**
- THE PROPERTY SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
 - THERE ARE NO OTHER EXISTING WELLS AND/OR SEPTIC AREAS WITHIN 100 FEET OF THIS PROPERTY OR OTHERWISE SHOWN, FROM FIELD INSPECTION BY CLSI INC.
 - THE EXISTING HOUSE SHOWN COMPLIES WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
 - THE EXISTING WELL SHOWN ON THIS PLAN, IDENTIFIED WITH THE ATTACHED WELL TAG NUMBER EX. HO 81-1116, HAS BEEN FIELD LOCATED BY CLSI INC. (PROFESSIONAL LAND SURVEYORS) AND ACCURATELY SHOWN.
 - ALL EXISTING TOPO ELEVATIONS SHOWN ON THIS PLAN ARE BASED ON A FIELD RUN SURVEY PREPARED BY CLSI AND ALSO HOWARD COUNTY '2004' TOPOGRAPHY MAP #255. THE HORIZONTAL DATUM IS THE MARYLAND COORDINATE SYSTEM NAD 1983 AND VERTICAL DATUM IS BASED ON NAVD 1988.



NOTE:
PROPOSED SEPTIC AREA
EASEMENT GAINED = 5,050 S.F.

NOTE:
EXISTING SEPTIC AREA
EASEMENT LOST = 5,090 S.F.

REVISED EXISTING SEPTIC LAYOUT PLAN
SCALE: 1"=30'

SOILS LEGEND		
SOIL SYMBOL	SOIL SERIES	SOIL HSG
GgB	GLENELG-LOAM	B
GmB	GLENVILLE	B
GgC	GLENELG LOAM	B

THIS AREA DESIGNATES A PRIVATE SEPTIC RESERVE AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THIS RESERVE AREA SHALL BECOME NULL AND VOID UPON CONNECTION OF PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE RESERVE AREA. RECORDATION OF THE MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.

APPROVED FOR PRIVATE WATER AND PRIVATE
SEWAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT

B. Wilson for Peter Beilemon
COUNTY HEALTH OFFICER

7/24/2007
DATE

**REVISED
PERCOLATION CERTIFICATION PLAN
LOT #2D
#12490 HOWARD LODGE DRIVE
NELSON PROPERTY**
TAX MAP: 9 PARCEL: 306 GRID: 12
3RD ELECTION DISTRICT * HOWARD COUNTY, MARYLAND
DEED REFERENCE 1382/280

PERCOLATION TEST RESULTS, A-21301

DATE	REVISIONS



FREDERICK OFFICE: 6445 Progress Drive, Suite 88 Frederick, MD 21701-4879 (301) 662-1799 FAX (301) 662-6004		WESTMINSTER OFFICE: 439 East Main Street Westminster, MD 21157-5539 (410) 848-1790 FAX (410) 848-1791		Alfred L. Howard Professional Engineer Registration No. 28448 Date: 6-20-07 Drawing No: 2006166 County File No: -
Surveyed By: CLSI	Drawn By: BJEP	Computed By: JEP	Checked By: JEP	

CAD Drawing File Name: 6:2006/2006 1.66/dgn/perc_plan_2.d.dgn

OWNER
GREGORY S. & ELIZABETH ANN NELSON
12490 HOWARD LODGE DRIVE
SYKESVILLE, MD 21784-5420