



APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) 5/12/04 TEST TIME 9:00 AD 520123
 AGENCY REVIEW: perc for house replacement DATE 3/29/2004
OK not req'd

DO NOT WRITE ABOVE THIS LINE

I HEREBY APPLY FOR THE NECESSARY TESTING/EVALUATION PRIOR TO ISSUANCE OF SEWAGE DISPOSAL SYSTEM PERMIT(S) TO:

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** IF 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) Marion Russell Compton

DAYTIME PHONE _____ CELL 301-748-3559 FAX _____

MAILING ADDRESS 18220 Penn Shop Rd Mt. Airy MD 21771
STREET CITY/TOWN STATE ZIP

builder
APPLICANT Gary Richards

DAYTIME PHONE _____ CELL 410-984-5390 FAX _____

MAILING ADDRESS 3111 Buffalo Rd New Windsor MD 21776
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Compton Property LOT NO. N/A

PROPERTY ADDRESS 18220 Penn Shop Rd. Mt. Airy
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 6 GRID 4 PARCEL(S) 22 PROPOSED LOT SIZE 1.5 Ac ±

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.

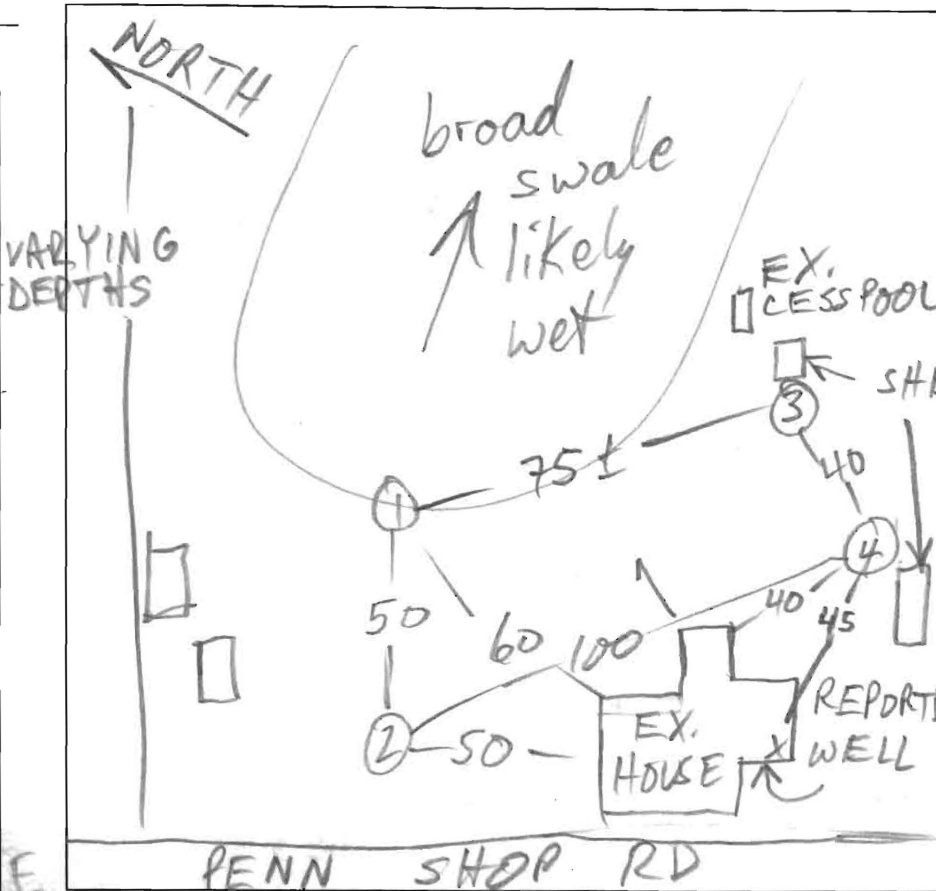
TEST RESULTS WILL BE MAILED TO APPLICANT. _____
SIGNATURE OF APPLICANT

HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

①
brn sic/lm
3-4 1/2
dk gray
brn hvysil m
5-5 1/2
dk gray
brn sasil m
25-35% shale
10 1/2

②
brn orge hvyl m
W 3
brn hvyl sil m
7
gray brn sil m
20-25% shale
11 1/2
H₂O

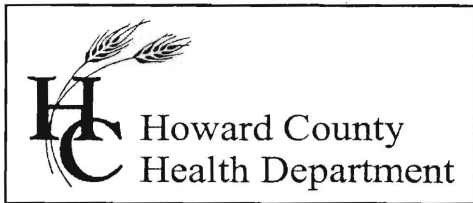
3
brn/lm
1
brn orge cl lm
6
dk brn yel gray sand
30-35% shale
11
H₂O



4
orge hvyl m 2
brn gray hvyl m 5 1/2
dk brn yel sand 25-40% shale 10

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H	
5/12/04	1 S	4 9/11	10:19:55	NO DROP				
	1 V	10 1/2	10:07:35	10:17	10:30	13	P	
	2 S	6 1/2	11:35	V 8"	12:02	12:30	28	P
	2 V	7 1/2	11:56	12:02	12:30	28	P	
	2 M	6 9/11	10:27	NO DROP			P	
	3 S	7 8/11	12:42	12:44	12:46	2	P	
	3 V	8 1/2	1:15:50	1:16:35	1:18:35	2	P	
	4 S	7	12:54	12:55:45	12:5:30	14.5	P	
	4 V	7	12:57:00	1:00:15	1:04	4	P	
	4 M	8 1/2 2ND	1:24:50	1:25:10	1:25:50	40 sec	FAST DUE TO LOOSE MAT'L	
			1:26:00	—	1:27:00			
			1:30:30	1:33:50	—	3:20		

REMARKS MINIMAL AREA MINIMAL TRTMT. ZONE
 SANITARIAN M. Pitkin BACKHOE Fogle's OTHERS builder
 TEST HOLES USED IN SDA ALL AVG. PERC TIME INITIAL 12 210 INIT 180 REPAIR
 TRENCH WIDTH 3 INLET DEPTH 4 MAX. BOT DEPTH 7 EFFECTIVE SW 0
 REPAIR 3 4 1/2 6 1/2 < 1



3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(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

May 24, 2004

Marion Russell Compton
18220 Penn Shop Road
Mt. Airy, MD 21771

RE: Percolation Test Results – A 520123
18220 Penn Shop Road, TM 6, Parcel 22
SDA for replacement dwelling

Dear Mr. Compton:

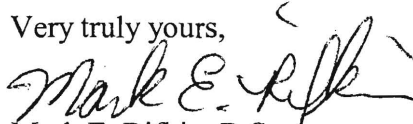
Percolation testing conducted May 12, 2004 on the referenced property indicated limited satisfactory soil conditions. The primary limiting factors are shallow fractured rock, deep clay layers, and shallow groundwater. Copies of the test results are enclosed.

Further review is contingent upon submission by a registered engineer/surveyor of a percolation certification plan showing the following:

- 1) actual locations of all excavated test holes with field-verified topography
- 2) the existing house, well and septic system, with a schedule for demolition/abandonment prior to issuance of Use and Occupancy permit for replacement dwelling
- 3) proposed sewage reserve area
- 4) proposed house and well site
- 5) certification that all existing wells and septic systems within 100 feet of property lines are shown
- 6) a note indicating that depicted topography reflects field-verified information
- 7) the plan identification number (PC 520123) in the title block
- 8) two septic systems (initial system of 210' trench, repair system of 180' trench)
- 9) statement that the replacement dwelling is limited to three bedrooms

The percolation certification plat should be submitted within 60 days to allow field verification if necessary. If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-2640.

Very truly yours,



Mark E. Rifkin, R.S.

Water and Sewerage Program

MR

Enclosures

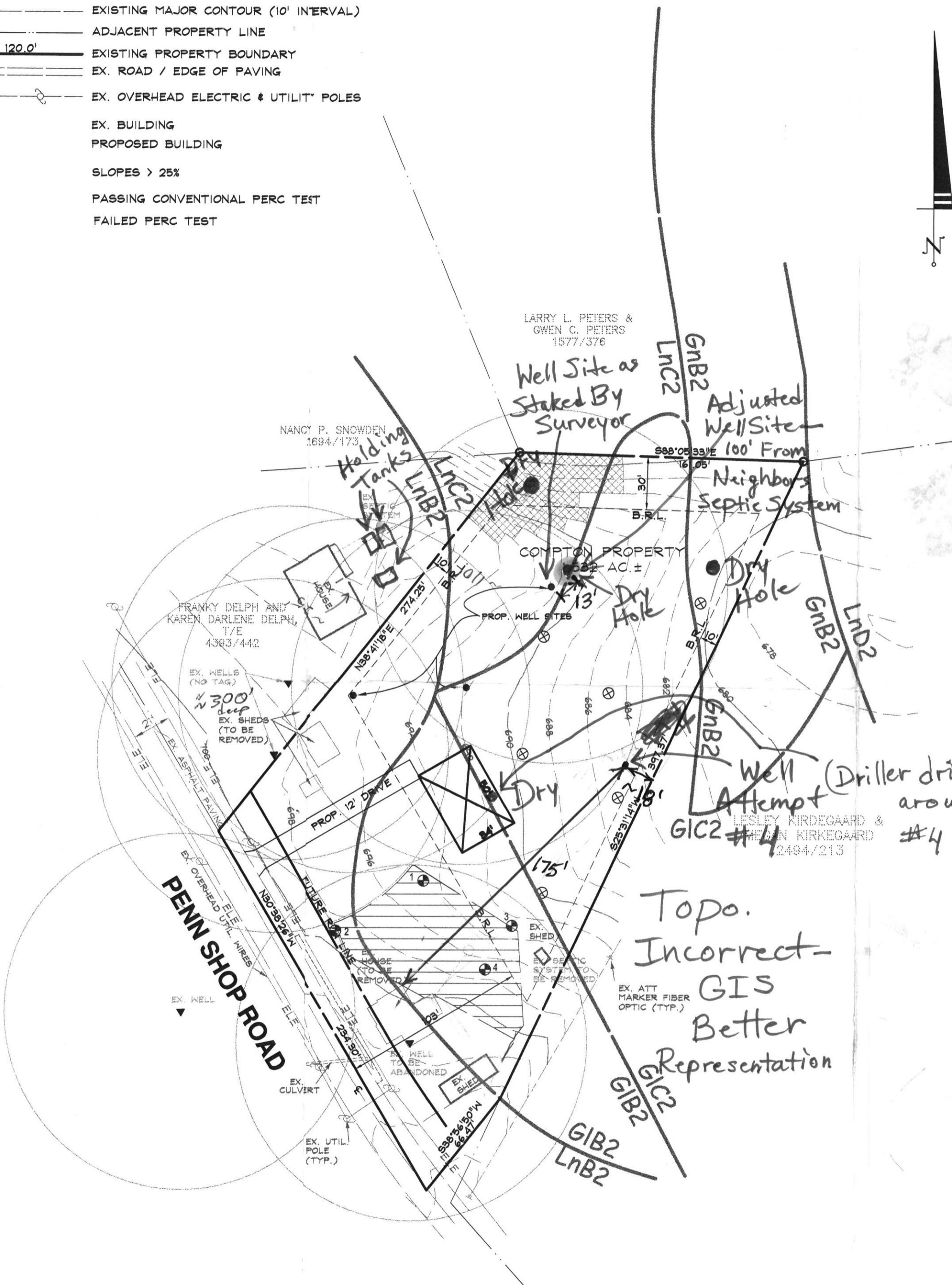
cc: Vanmar Associates

File

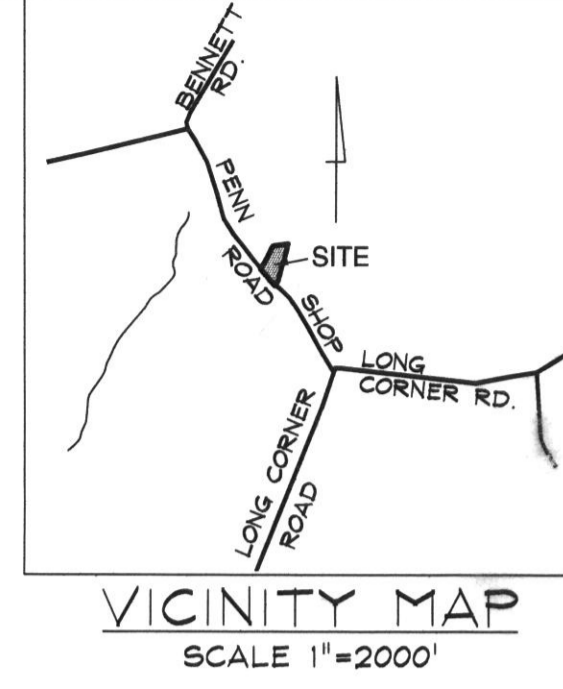
Gary Richards

DRAWING LEGEND

- 682 --- EXISTING MINOR CONTOUR (2' INTERVAL)
- 680 --- EXISTING MAJOR CONTOUR (10' INTERVAL)
- --- ADJACENT PROPERTY LINE
- N 06°45'45"W 120.0' --- EXISTING PROPERTY BOUNDARY
- --- EX. ROAD / EDGE OF PAVING
- --- EX. OVERHEAD ELECTRIC & UTILIT' POLES
- --- EX. BUILDING
- --- PROPOSED BUILDING
- --- SLOPES > 25%
- --- PASSING CONVENTIONAL PERC TEST
- --- FAILED PERC TEST



DATA TABULATIONS
 Existing Zoning : RCDEO
 Soils Map Number : 1
 Number of building sites : 1
 Total Area of Site = 1.592± AC.



GENERAL NOTES

1. LENGTH OF TRENCH: INITIAL SYSTEM 210' OF TRENCH, REPAIR SYSTEM 180' OF TRENCH.
2. CONTRACTOR/BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.
3. BUILDER TO VERIFY AVAILABILITY OF BASEMENT SEWER SERVICE PRIOR TO DWELLING TAKEOUT.
4. THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS SEWAGE DISPOSAL AREA SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE DISPOSAL AREA.
5. EXISTING WELL ON COMPTON PROPERTY IS TO BE ABANDONED AND SEALED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR REPLACEMENT DWELLING.
6. PROPOSED WELL ON COMPTON PROPERTY IS TO BE DRILLED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR REPLACEMENT DWELLING.
7. EXISTING SEPTIC SYSTEM IS TO BE ABANDONED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR REPLACEMENT DWELLING.
8. REPLACEMENT DWELLING IS LIMITED TO 3 BEDROOMS.
9. THE TOPOGRAPHY SHOWN HEREON WAS FIELD VERIFIED BY DEMARIO DESIGN CONSULTANTS, INC. IN SEPTEMBER OF 2004.
10. ALL VISIBLE EXISTING WELLS AND SEPTIC SYSTEMS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN HEREON.
11. THE PERC TESTS SHOWN HEREON WERE FIELD LOCATED BY DEMARIO DESIGN CONSULTANTS, INC. IN SEPTEMBER OF 2004.

DeMario Design Consultants, Inc.
 Winchester Exchange Building
 15 East Main Street, Suite 226
 Westminster, MD 21157
 Phone: (410) 840-4499
 Fax: (410) 840-8866
 eMail: DeMarioDesign@adelphia.net

FIELD LOCATED PERC TEST PLAT
COMPTON PROPERTY
 4TH ELECTION DISTRICT - HOWARD COUNTY, MARYLAND

OWNER/DEVELOPER
 MARION R. COMPTON
 C/O RUSSEL COMPTON
 18220 PENN SHOP ROAD
 MOUNT AIRY, MD 21771

SCALE: 1"=50' DATE: 12/20/04 DRAWN BY: JAI REVIEW BY: JLM JOB NO. 04104.1

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS IN ACCORDANCE WITH THE MASTER PLAN OF HOWARD COUNTY

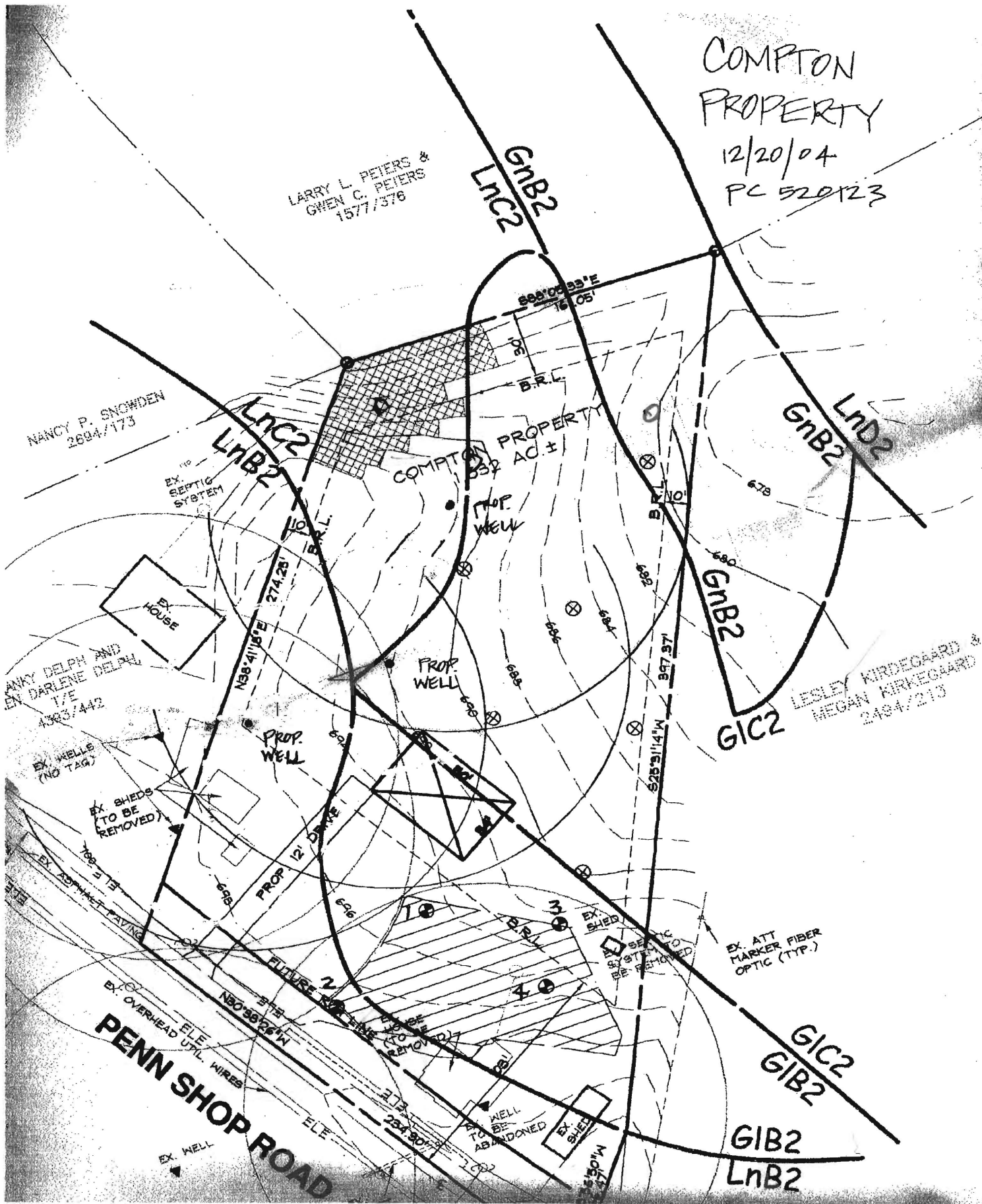
Robert J. Wabin
 HOWARD COUNTY HEALTH OFFICER DATE: 12/21/04

I CERTIFY THAT THE INFORMATION SHOWN HEREON IS BASED ON FIELD WORK PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION, AND IS CORRECT, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

J. L. Mathias
 JAMES L. MATHIAS
 PROFESSIONAL LAND SURVEYOR NO. 11039 DATE: 12/20/04

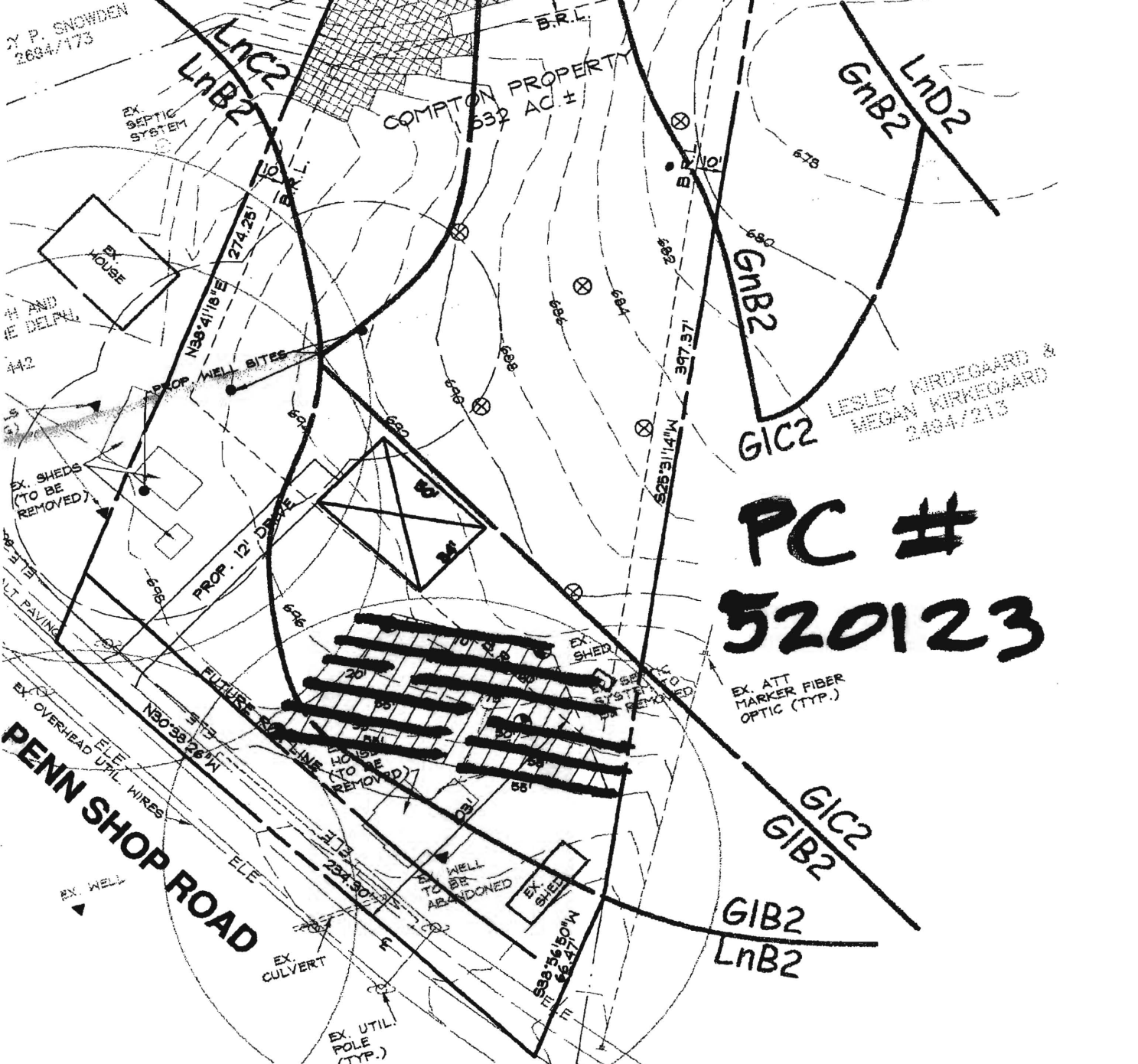


W:\04104.1 - Compton\Health Department\04104.1.dwg 12/20/2004 2:12:50 PM ARCH C (18.00 X 24.00 Inches) Title



LARRY L. PETERS &
OWEN C. PETERS
1577/376

X. P. SNOWDEN
2684/173



LESLEY KIRKEGAARD &
MEGAN KIRKEGAARD
2484/213

**PC #
520123**

EX. ATT FIBER
MARKER OPTIC (TYP.)

PENN SHOP ROAD

G1C2
G1B2
G1B2
LnB2

GnB2
LnC2

GnB2
LnD2

LnC2
LnB2

COMPTON PROPERTY
632 AC. ±

S88°08'33"E
16.05'

N98°41'18"E
274.25'

S28°31'14"W
397.37'

S88°35'50"W
68.47'

N50°38'26"W

PROP. 12' DRAIN

EX. SEPTIC SYSTEM

EX. HOUSE

EX. SHEDS
(TO BE REMOVED)

EX. SHEDS
(TO BE REMOVED)

WELL
TO BE
ABANDONED

EX. SHEDS
(TO BE REMOVED)

EX. CULVERT

EX. UTILITY POLE
(TYP.)

EX. OVERHEAD UTIL WIRES

EX. WELL

EX. PAVING

EX. SHEDS
(TO BE REMOVED)

EX. SHEDS
(TO BE REMOVED)

EX. HOUSE

EX. SEPTIC SYSTEM

EX. SEPTIC SYSTEM

EX. SEPTIC SYSTEM

EX. SEPTIC SYSTEM

EX. SEPTIC SYSTEM

EX. SEPTIC SYSTEM

EX. SEPTIC SYSTEM