

EX. DRYWELL

BARBARA STEVENSON
6, PARCEL 153
D : DC-DEO
720/738
RIDGE ROAD

13
735.08

*Copy of Percolation Certification
Plan signed on 7/26/2007*

LOT 24
14.34 ACRES

EASEMENT

GnB

EX. DRIVE

710

39
715.11

41
714.40

40
711.14

EX DWELLING
TO REMAIN

EX WELL
TO BE
ABANDONED

PROV. WELL

EX. BARN
TO REMAIN

EX. SHED
TO REMAIN

35' SETBACK

30' BRL

OCC

700

690

690

710

(Williams)

SEPTIC SPECIFICATIONS WORK-SHEET

SUBDIVISION:

Ridge Road Property

525242

STREET NAME:

LOT NUMBER:

2 (originally Pres. Parc)

existing House

AVERAGE PERCOLATION RATE:

25

SQUARE FEET PER BEDROOM:

250

NUMBER OF BEDROOMS:

4

LINEAR FEET OF TRENCH PER BEDROOM:

100

TOTAL LINEAR FEET OF TRENCH:

SEPTIC TANK CAPACITY:

1500

TOP SEAMED TANK REQUIRED? YES NO

COMPARTMENTED TANK REQUIRED? YES NO

TRENCH DIMENSIONS: Trench to be 2 feet wide. Inlet 4 feet below

original grade. Bottom maximum depth 8 feet below original grade.

Effective area begins at 7 feet below original grade. 4 feet of stone below distribution pipe.

PUMPED SYSTEM PROPOSED: YES NO

PUMPED SEPTIC SYSTEM DETAIL: gallon pump chamber.

YES NO Top sealed pump chamber required?

Note 1: Septic pump detail to be provided by installer prior to issuance of septic permit.

Note 2: Pump performance test is necessary prior to Health Department approval of pumped septic system.

LOCATION: Install first trench below existing trench.

Use 100' trench lengths on contour

ADDITIONAL NOTES: Septic Tank capacity must increase;
Add 1000 gallon tank in tandem (or replace ext tank).

Reviewer:

MEB 6/29/07

Date:

1259 Ridge Rd.

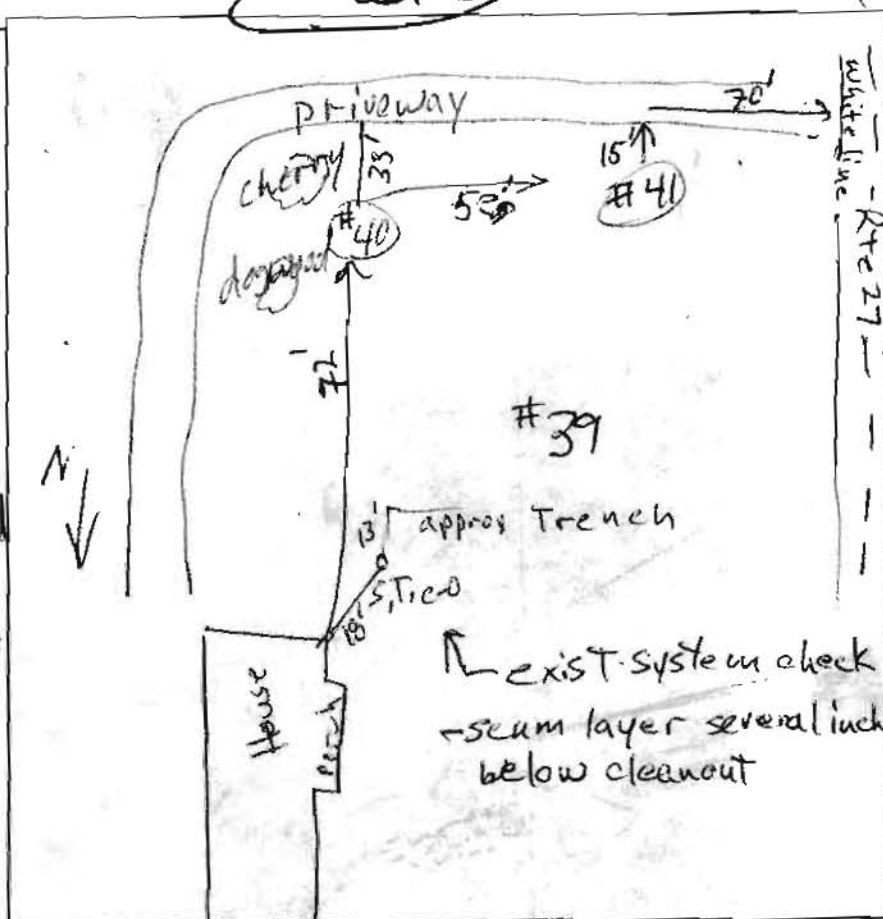
Lot 2

AP 525242

(41)

(40)
 0.5' dk brn loam
 3' fg & sbk
 2' brn chl
 2' msbk
 3' chl
 red brn
 1' msbk
 3' vch sil
 red-brn
 60% shale
 6' brn vch sil
 ch sil, & m
 11' brn vch sil
 40% channers
 13.5' ↓

(39)
 0.5' brn chl
 2' fg
 2' brn chl
 1' sbk
 4' red-brn chl
 1' msbk
 4' yel brn sil
 50% channers
 6.5' brn vch sil
 Saprolite
 35% channers
 (C)
 8.5' brn vch sil
 45% channers
 (C)
 14' ↓



dk brn loam
 2' sbk
 1' brn clay
 slightly sticky
 1' msbk
 2' yel brn sil
 1' msbk
 3' brn-red
 ch sil & m
 Saprolite
 6' brn vch sil
 & m, 35% channers
 14' ↓

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
3/21	40	6.5' / 13.5'	0	27	> 30	> 30	F
3/21	41	7' / 14'	52	67	96	29	P
3/21	40	8' / 13.5'	69	80	101	21	P
3/21	39	Visual		no water rock (R) content < 5%			

REMARKS 3 pers in 10,000 ft² easement (platted) - exist residence
 SANITARIAN R B BACKHOE Bob/Howard OTHERS Stephanie Demcik
 TEST HOLES USED IN SDA 39, 40, 41 AVG. PERC TIME 25 min/SQ. FT/BR
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE S/W _____



Bureau of Environmental Health
7178 Columbia Gateway Drive, Columbia, MD 21046-2147
(410) 313-2640 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

Wendol A. Williams
105 McKinley Avenue
New Haven, CT 06515

RE: RIDGE ROAD PROPERTY, PERCOLATION TEST RESULTS, PRESERVATION
PARCEL, A-525242

Dear Mr. Wendol A. Williams,

Percolation testing was conducted on the subject property in the area of the Preservation Parcel on March 21, 2007. Three Percolation Test holes were dug and the profiles observed. Standard percolation tests were performed at two of these locations. All three of these locations are within the boundaries of the easement described in 1972, and all three locations 'Passed' (based on observed soil properties). Any 'Repair' system installed in the described easement will be relatively deep.

I am enclosing a copy of the Field Worksheet for this test date. I believe that all percolation testing that was originally proposed for subdivision of the property is now complete. Further review is contingent upon submission of a Percolation Certification Plan. If you have any questions regarding this matter, please contact me at the above address or by calling (410) 313-2691.

Respectfully,

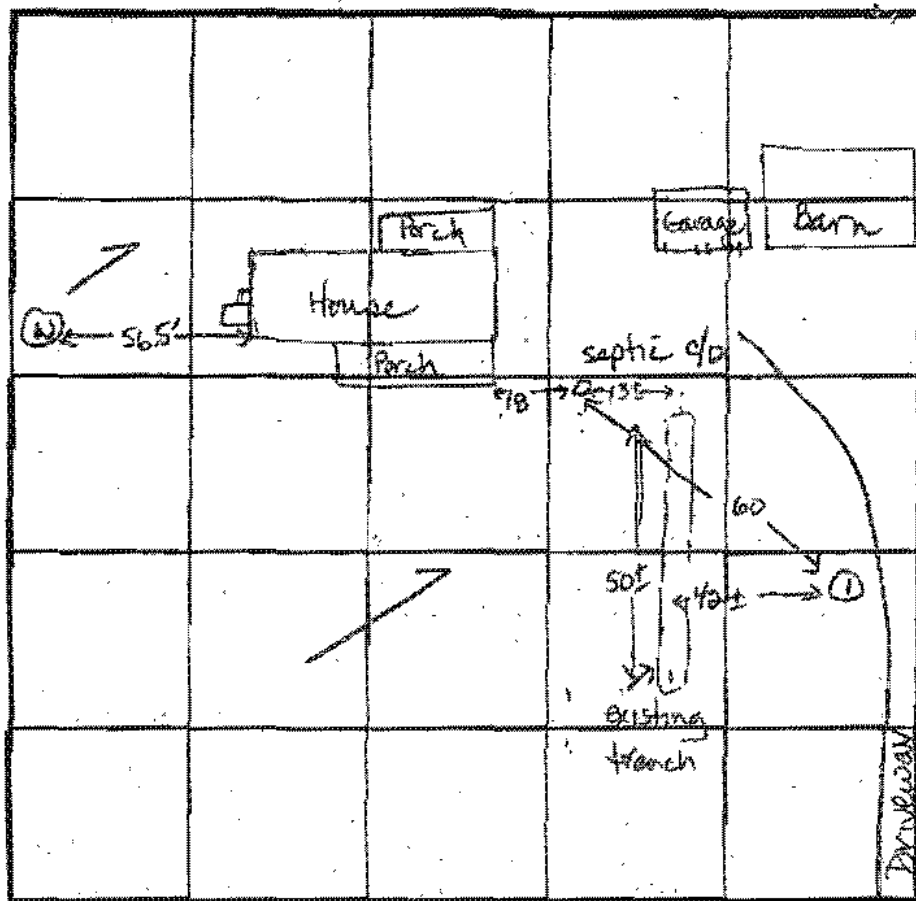
Robert C. Bricker, Jr., CPSS
Well and Septic Program
Development Coordination Section

Enclosure

CC: Stephanie Demchik, John E. Harms, Jr. & Associates, Inc.
File

SOIL PROFILE

0-20	Basal
20-135	Red sil L 15% rock frag
13.5	Bottom



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Route - 27

[illegible]

REFERENCES

Room for 2 repairs

TYPE OF SOIL

TESTED BY

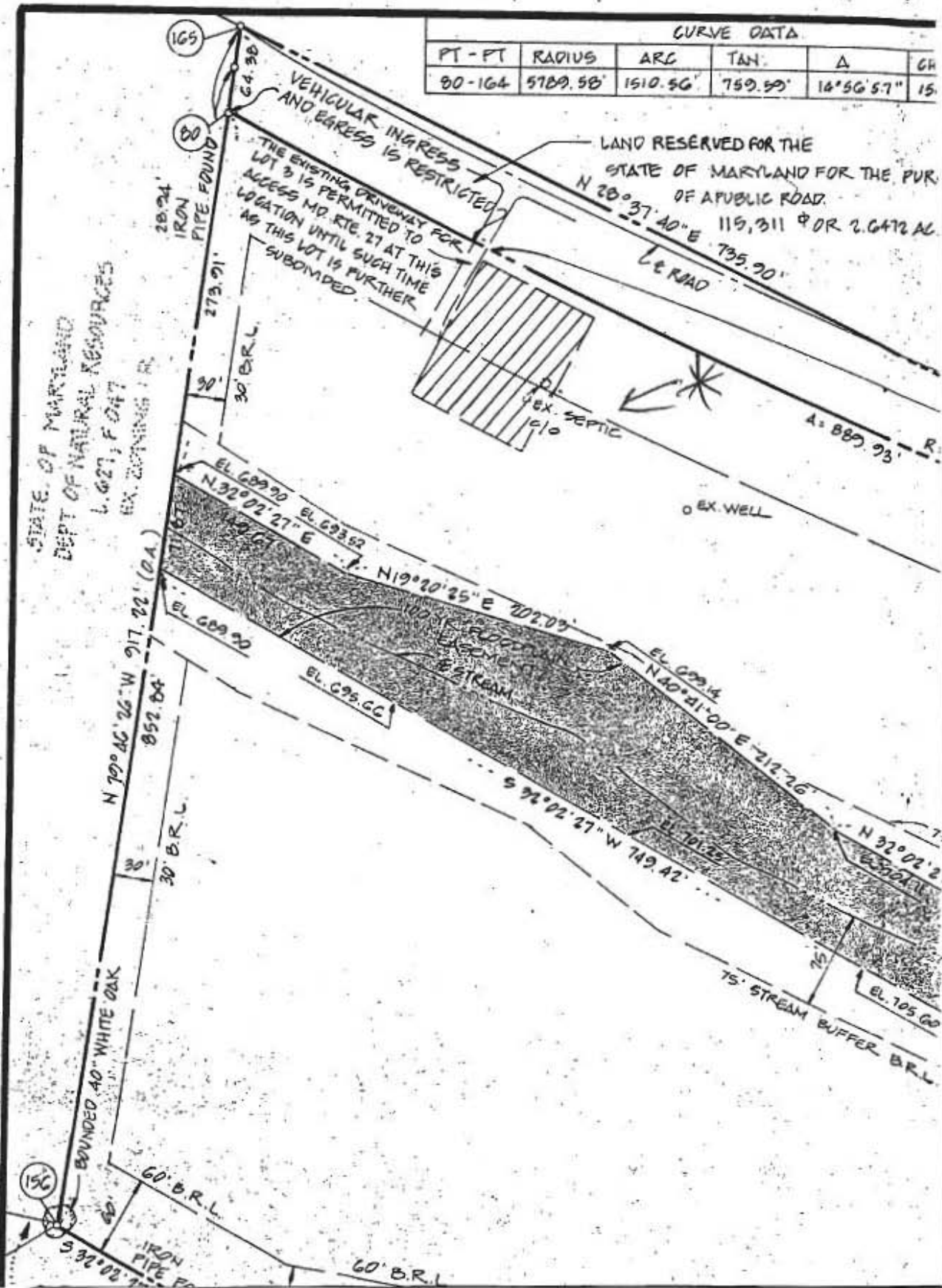
↓ Nadem: (D. Buggs)

ALSO PRESENT

Wayne Eckert
Mr. Zubov

* F-91-164

CURVE DATA					
PT - FT	RADIUS	ARC	TAN.	Δ	CH
80-164	5789.58'	1510.56'	759.59'	16°56'57"	15



EASEMENT

EX. DRYWELL

RA STEVENSON
DEO
ROAD

GnB

EX. SEPTIC CO.

EX. 880.33

Copy of Percolation Certification Plan signed on 7/26/2007

39
715.11

LOT 2
14.34 ACRES

$$G \bar{n} \bar{B}$$

397-715.11

41
Z14.46

40
711.14

EX. BARN
TO REMAIN

$$O_c C$$

N 79° 46'

31

32

30

35

36

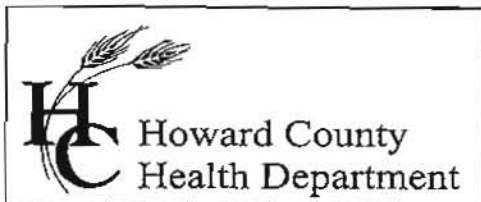
37

38

33/

34

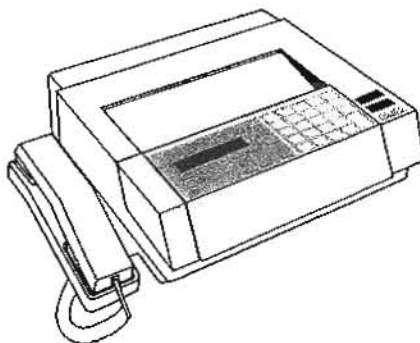
30° BRL



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website: www.hchealth.org

Peter L. Beilenson, M.D., M.P.H., Health Officer

F A X



~~Date~~ To Stephanie Demchik
6/25/2007
~~To~~
Department Harms & Assoc.
FAX # 301-631-2028

From Robert Bricker
Telephone 410 313-2691 FAX (410) 313-2648
of Pages 4 (including cover page)
Comments 1259 Ridge Road
Perc Cert Comments

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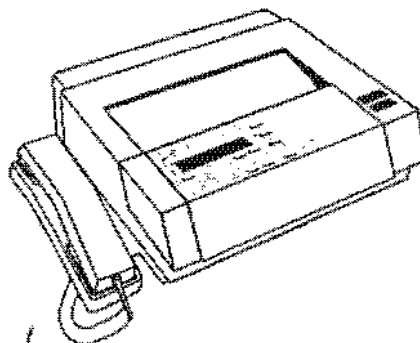


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Health Department

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

F A X



Date

4/2/07

To

Stephanie Demchik

Department

John E. Harris, Jr & Assoc.

FAX #

301 631-2028

From

Robert Bricker

Telephone

410-313-2691

FAX (410) 313-2648

Of Pages

3

(including cover page)

Comments

Ridge Road (Williams property)
Report & Perc Results follow

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Peter L. Beilenson, M.D., M.P.H., Health Officer

F A X



7/6
Graphic follows
- next page
reb

Date

7/5/07

To

Stephanie Demchick

Department

Harms & Assoc.

FAX #

301-631-2028

From

Robert Bricker

Telephone

410-313-2691

FAX (410) 313-2648

of Pages

2

(including cover page)

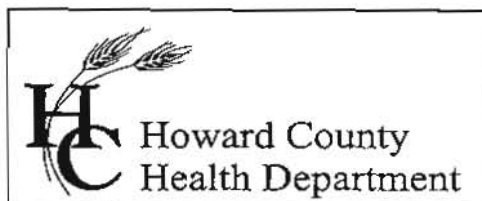
Comments

Ridge Road Perc Cert, July 2 drawing
comments follow

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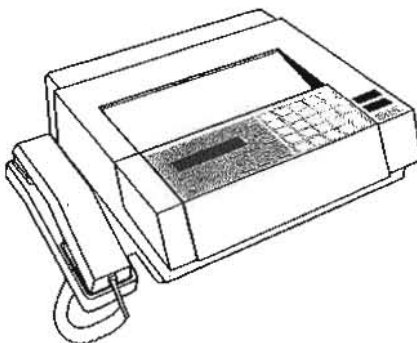
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Peter L. Beilenson, M.D., M.P.H., Health Officer

F A X



Date 6/29/2007
To Stephanie Demchik
Department Harms & Assoc.
FAX # 301-631-2028

From Robert Briker
Telephone 410 313 2691 FAX (410) 313-2648
of Pages 3 (including cover page)
Comments Ridge Road Property. Perc #4 Fails;
redraw easement about as shown
(make 6040 SF area); number '45'

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SUBDIVISION REVIEW PROGRESS

Percolation Application/test plan review

Date application and plan received: 9/6/06 Receipt # A 25242
 Proposed subdivision name: ? # of new lots: 7 Incl. Preserv. Parcel
 Owner/developer: Wendol Williams
 Property location (road): 1259 Ridge Road Tax Map 6 Parcel# 158 Block (Lot 3?)
 Date plan reviewed: 9/13-9/14
 Plan acceptable for testing: 9/14 No
 Percolation test dates: _____

Reason plan is unacceptable for testing: Sand Mounds on >12% slope, Preserv. Parcel SDA in Wet-Season Soil, (GMB, 2002)
 Date denial letter was sent back to applicant: 9/14

Percolation Test Plan Review

Presence of existing structures/houses located on the property? Yes
 Records of existing well and septic systems found? Septic 1972 & 1991; well, 1974
 Will existing septic system need an upgrade? Prob. - impact by development
 Does the plan show an established 10,000 ft²? Not on Preserv. Parcel
 Is existing well serving existing structure of adequate construction? look onsite
 Record of any previous Health Department evaluation located and reviewed? well permit / WWP permit
 Do wet season soils impact the proposal? Yes, Pres. Parcel
 Do water bearing landscape features impact the proposal? Yes, stream
 Reasonable well and septic relationships proposed? Yes in initial application
 Sufficient well replacement area provided for each lot? Provisional, setback issues
 Any agricultural uses on surrounding properties which may restrict well sites? look onsite, not apparent
 Absence of public water and public sewer confirmed? Yes, GIS
 Is the property located within 2500 feet of reservoirs? (SEE GIS MAP) No
 If yes, does the proposed subdivision comply with COMAR 26.04.02.04K (Min 2 acre lots 175' wide) N/A

need 2002 soil delineations, well setback to U.S. 27 Road is inadequate
 well setback to several proposed 'footprints' are < 30'
 One setback of mound to Bldg. Footprint is < 20'
 Preserv. Parcel SDA is impacted by proposed access road (drive) & drainage

Percolation Certification Plan Review

Date plan submitted for review/approval: June 8
 Revision dates: 6/22 OK
 Standard notes included (SDA note, Min width, GWAP note, wells within 100', etc.): OK
 Project specific notes included: Yes
 Date plan signed by Health Officer or designee: NA
 Date Groundwater Appropriations permit application submitted to HD: NA
 *(Required for 11 lots or more and for any commercial property)
 Date Groundwater Appropriations permit application submitted to MDE: NA

Shade slopes 725%, i.e. Soil map unit BtF & any others
~~either~~
 ex. house footprint or existing well may not be properly located.

Preliminary Equip. Sketch Plan (SP) or Preliminary Plan (P)

Date plan submitted for review/approval: _____
 Revision dates: _____
 Standard notes included (SDA note, Min width, GWAP note, wells within 100', etc.): _____
 Project specific notes included: _____
 Date plan signed by Health Officer or designee: _____
 Copy of Groundwater Appropriations Permit issued by MDE in file: _____

Final Road Construction Drawings and Final Plat (F-00-0000)

Date plan submitted for review/approval: _____
 Revision dates: _____
 All required wells drilled and all completion reports submitted: _____
 All notes (standard, location specific) have been properly addressed: _____
 Date plan signed by Health Officer or designee: _____