

APPLICATION

PERCOLATION TESTING

A 37587

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE 461-9933

*10/27/86
retest of
pending
lot OK'd
approved
plat
@*

DISTRICT _____

DATE _____

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM

PROPERTY OWNER _____

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION RETEST LOT NO. 7

*final lot 7
on prelim*

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG _____
(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 OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING for certified plat w/ all holes field located

THIS IS NOT A PERMIT

250' / BD ROOM
 INLET 4 1/2
 MAX 9 1/2

①

SOIL PROFILE

yellow/red
 gritty/chunky
 clay to clay
 loam
 frags of
 hard rock
 clay loam
 changing
 to brown
 silty/gritty
 loam mix

14'D

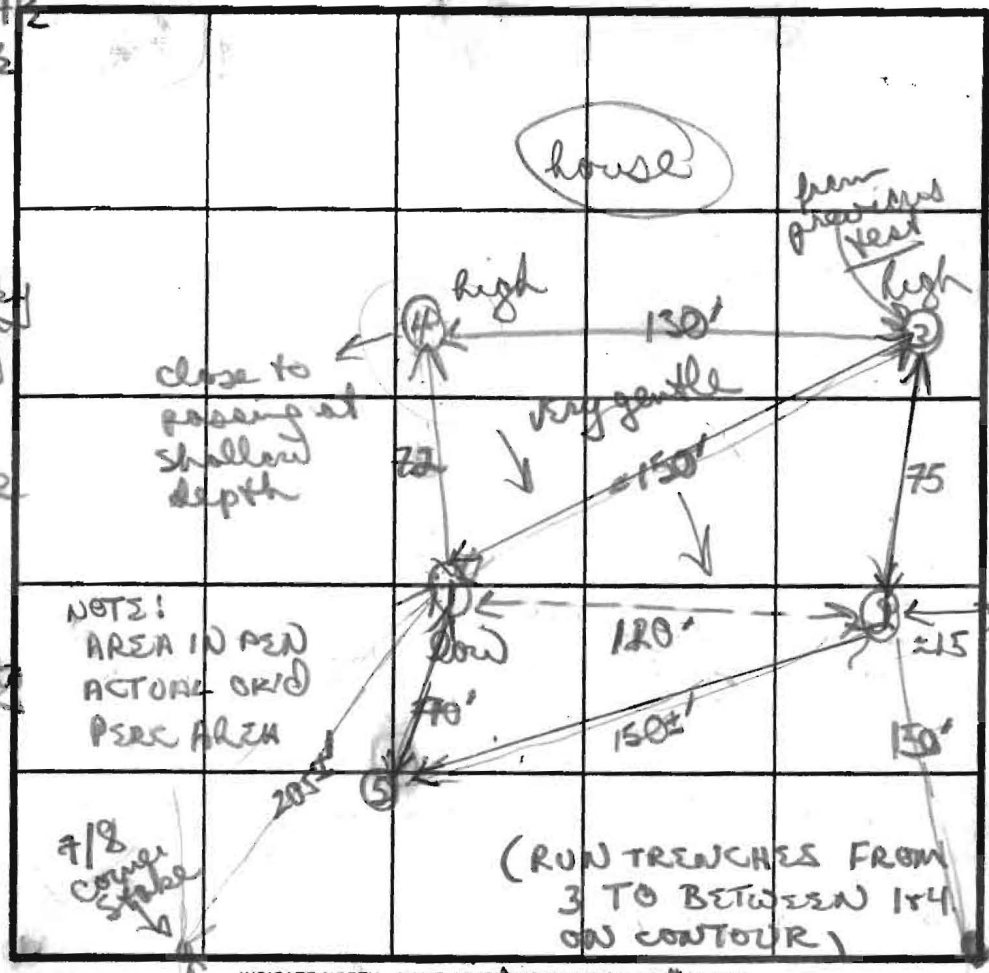
②

chunky red
 clay mix
 of yellow/
 brown gritty
 chunky clay
 loam
 of small
 rock frags
 wrap to
 orange brown
 sandy
 clay loam

13'D

③

see previous
 soil
 profile



④
 brown/red
 powdery to
 chunky mix
 of clay/clay
 loam
 fine rocks
 (small)
 changing to
 gritty hard
 packed clay
 silty loam

13'D

edge of
 woods

corner
 stake

⑤

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ON #150' LOT

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME | |
|---------|----------|---------|---------|-----------------------|----------------|---------|----------|-------|
| | | | START | STOP | START | STOP | | |
| 10/7/86 | ① | 4'5" | 136 | 139 | 139 | 151 | 12m | |
| | | 8 1/2 m | 136 | stopped (slow moving) | 243 | 315 | (30 min) | |
| | | 14'D | bottom | (see profile) | | | | -4' |
| | ② | 5'5" | 145 | 156 | 156 | 220 | 24m | |
| | | 14'D | bottom | (see profile) | | | | |
| | ③ | 4'5" | 12'D | (previous test) | | | | 13min |
| | ⑤ | 7' m | 307 | 316 | 316 | 334 | 18min | |
| | ④ | 3'5" | 201 | 221 | 221 | 256 | (35 min) | |
| | | 16' m | 201 | 224 | 224 | stopped | | |
| | | 13'D | bottom | (see profile) | | | | |

⑤
 brown/
 orange
 gritty clay
 loam
 -4'
 mix brown
 silty/mud
 w/ some clay
 7'D
 previous
 test

NEW NRSA ON LOT SSS PREVIOUS PAGE FOR INFO
 shifted over + down on lot

REMARKS brown/red clays up to 5', gritty loam mixes w/
 TYPE OF SOIL silty loam

TESTED BY B Nixon ALSO PRESENT Jim, Doug D. Kerr

EH 121070

APPLICATION

PERCOLATION TESTING

A 37587

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT 5

DATE 7/10/06

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER JAMES & EMILY SANBORN
ADDRESS 4967 TEN OAKS RD., DAYTON, MD. 21036 PHONE 531-544

PROSPECTIVE BUYER _____
ADDRESS _____ PHONE _____

PROPERTY LOCATION:
SUBDIVISION KOANDAH GARDENS ESTATES LOT NO. final lot 7
ROAD AND DESCRIPTION S' EAST SIDE HIGHLAND RD., S' WEST END OF ISLE OF MANU WAY

TAX MAP 34 PARCEL # 378
SIZE OF LOT 3.43 AC. TYPE BLDG. SINGLE-FAMILY
(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.
C. Scott Kolander
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

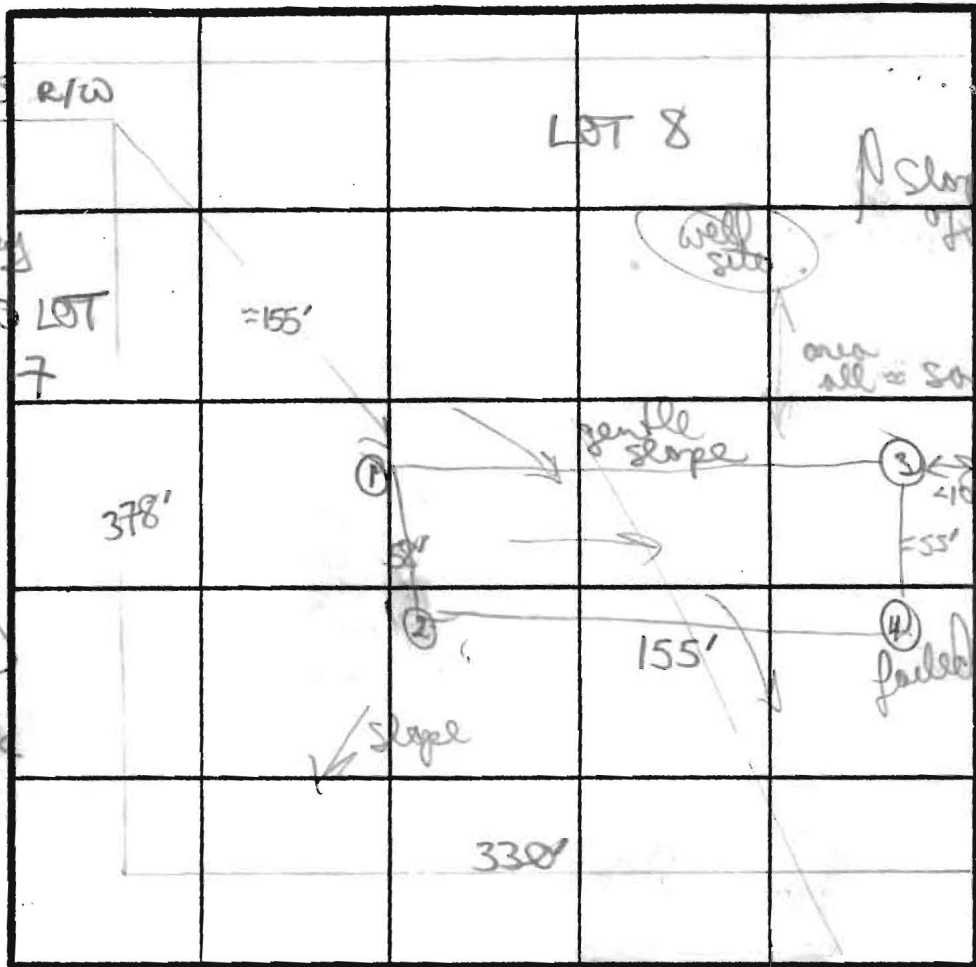
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS NOT ENOUGH HOLES PAST CAN ATTEMPT ADDITIONAL HOLES +/OR DIG DEEPER DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

LOT 7
A37587



SOIL PROFILE
 0' hard/chunky red clay to clay loam
 4 1/2' changing to a gritty silty/clay loam (red/yellow)
 ↓ 25% small frag rock
 12' D

② yellow/red clay to clay loam
 chunky/gritty silty/clay loam 5% small/red hard rock frags

③ chunky red/brown clay to clay loam
 gradually changes to mixtures of powder/chunky silty clay loam
 5-10% rock frags
 12' D

one all = same elevation
 TREE LINE
 Similar to hole #3 but clay content in upper layer heavier

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME | |
|--------|----------|-----------|------------------------|-----------------|----------------|-----------------|----------|--|
| | | | START | STOP | START | STOP | | |
| 9/2/86 | ① | 4 1/2' | 341 | ca deeper shelf | 337 | 357 | may fail | |
| | | 8' M | 333 | 337 | 337 | 357 | 20 min | |
| | | 12' D | bottom - (see profile) | | | | | |
| | ② | 5 1/2' | 354 | 415 | stopped | 1/2 - 3/4" only | failed | |
| | | 12' D | bottom - (see profile) | | | | | |
| | ③ | 4 1/2' | 309 | 314 | 314 | 327 | 13 min | |
| | | 12' D | bottom - (see profile) | | | | | |
| | ④ | 4 1/2' | 312 | stopped | didn't move | | failed | |
| | | 11 1/2' D | bottom - (see profile) | | | | | |

REMARKS: pare field adjusted 1 hole (#4) failed due to slow... can retry in similar area with deeper shelves
 holes 1 & 2

TESTED BY: B Nylon
 ALSO PRESENT: owner, son

APPLICATION

PERCOLATION TESTING

A 519015

P _____

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

DISTRICT _____

DATE 6/16/2003

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 Dennis & Donna Danner

ADDRESS 1006 Parris Ridge Dr. Spencerville MD 20868 PHONE 240-375-4934
work 240-882-4082

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____
~~CONTRACTOR: Dave Tolley cell 301-748-7225 office 301-831-6037~~

PROPERTY LOCATION: _____
SUBDIVISION Koandah Gardens Estates LOT NO. 7

ROAD AND DESCRIPTION Isle of Mann Way Highland, MD 20777

TAX MAP 34 PARCEL # 378

SIZE OF LOT 3.57 TYPE BLDG. single family dwelling
(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.
Donna M. Danner
(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

~~6/30/03~~
7/1/03

COUNTY #

SOIL PROFILE

844/843

0' brn red

8' orge

hvy lm

7.5' 15% frags

tan brn

orge

sa mil m

15% frags

12.2'

842

orge yel

red brn

hvy lm

7.8

dk. brn

si lm

5% frags

12.9"
1.3

H₂O

841

orge brn

cl lm

hvy lm

7

tan gray

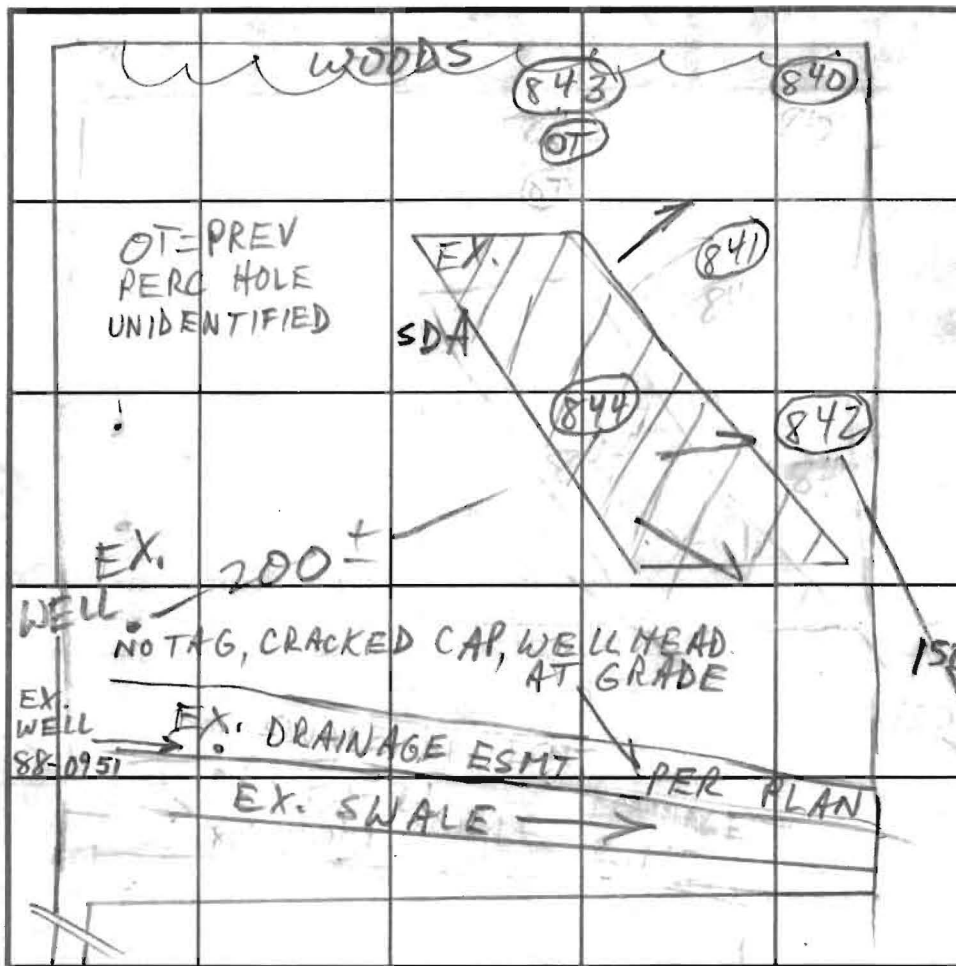
white

beige

sa mil m

14

H₂O



SOIL PROFILE

840

0' orge red

brn

hvy lm

4.5' tan brn

gray

sa mil m

5-10% frags

12.2'

13' H₂O

EX. ADJ. WELL

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

ISLE OF MANN

| DATE | TEST NO. | DEPTH | PRE-WET | | TEST - 1" DROP | | TIME |
|--------|--------------------|----------------|--------------------|--------|----------------|------|-----------|
| | | | START | STOP | START | STOP | |
| 7/1/03 | 844 ^S V | 7 1/2 / 12 1/2 | 1:59 | 2:23 | 2:38 | 2:48 | 10 OK |
| | 842 ^S V | 8 12'9" | 2:02 | 2:08 | 2:08 | 2:20 | 12 EST OK |
| | 841 V | 14 | H ₂ O @ | 14' | | | OK |
| | 840 V | 13 | H ₂ O @ | 12 1/2 | | | OK |
| | 843 ^S V | 7 13 | 2:55 | 2:58 | 2:58 | 3:03 | 5 OK |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

REMARKS PUSH REVISED SDA TO REAR TO AVOID DOWNSLOPE WELL

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 9 TRENCH WIDTH 3

INLET DEPTH 6 MAXIMUM BOTTOM DEPTH 8 SQ. FT./BEDROOM 210

RECORDED PLAT

8008

8/17/88

F-87-200

Signed

VICINITY MAP

SCALE 1" = 2000'



NOTES (CONT.)

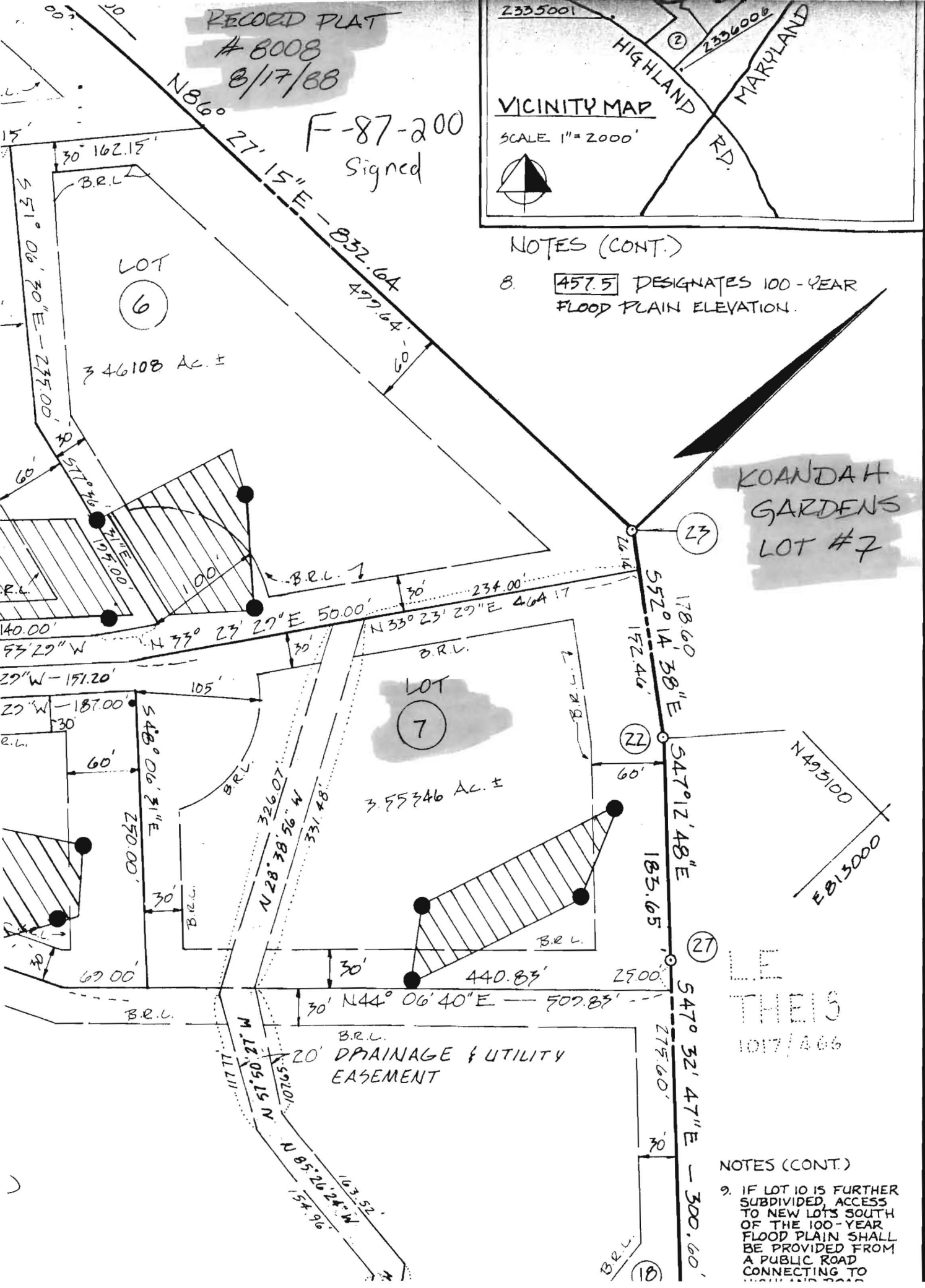
8. 457.5 DESIGNATES 100-YEAR FLOOD PLAIN ELEVATION.

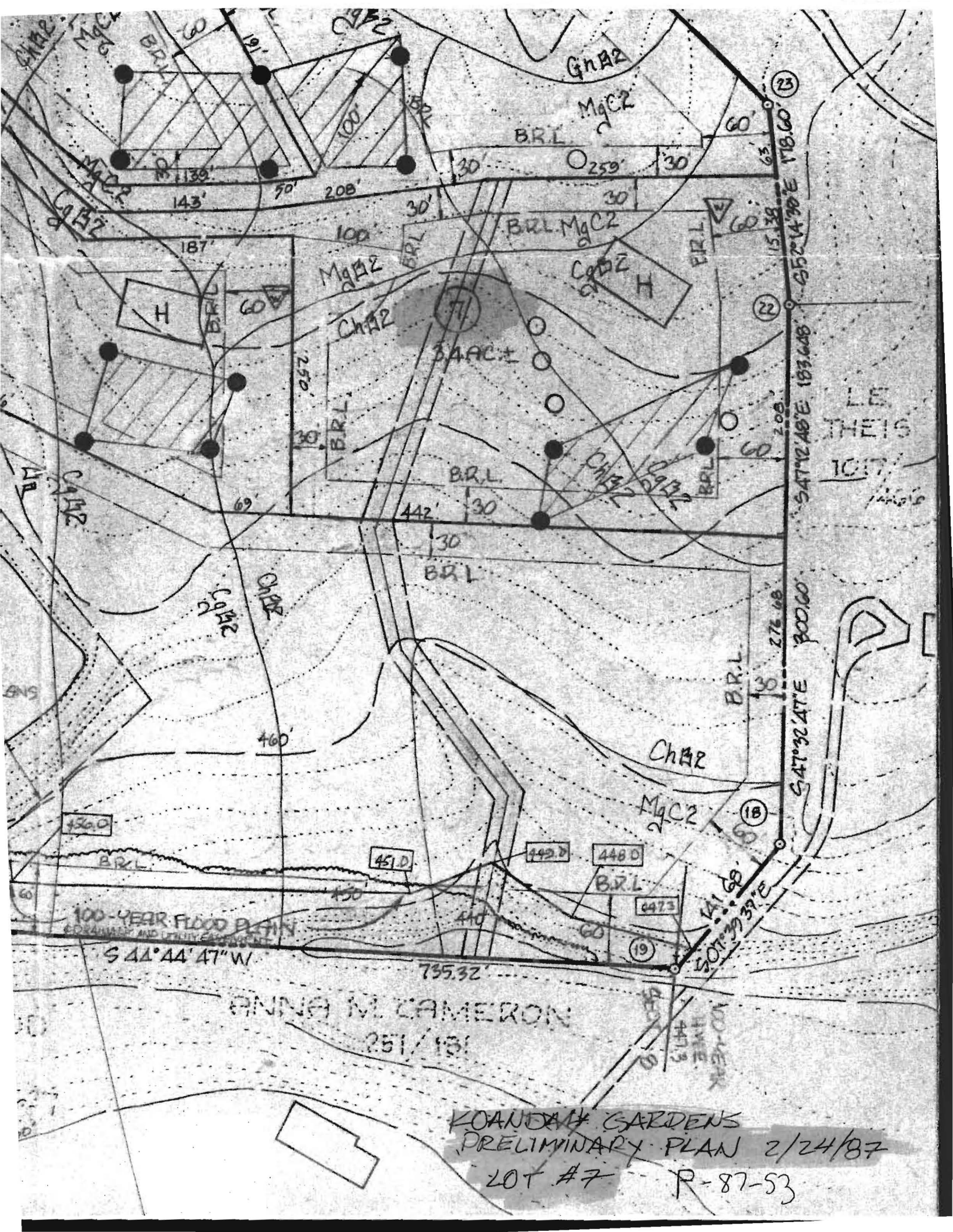
KOANDAH GARDENS LOT #7

LE THEIS 10/7/86

NOTES (CONT.)

9. IF LOT 10 IS FURTHER SUBDIVIDED, ACCESS TO NEW LOTS SOUTH OF THE 100-YEAR FLOOD PLAIN SHALL BE PROVIDED FROM A PUBLIC ROAD CONNECTING TO





GhAZ
 MgCZ
 B.R.L.
 143' 70' 208' 30' 259' 30' 60' 63' 18.60
 187' 100' 30' 30' 60' 15.38
 H
 MgAZ
 ChAZ
 B.R.L.
 257' 30' 442' 30' 208' 60' 2.08
 B.R.L.
 ChAZ
 MgCZ
 GhAZ
 H
 B.R.L.
 460' 450' 440' 60' 276.68
 18
 100-YEAR FLOOD PLAIN
 S 44° 44' 47" W
 735.32'
 ANNA M. CAMERON
 251/131
 10-YEAR FLOOD PLAIN
 19
 201° 39' 37" E
 300.60
 S 47° 32' 48" E 183.68
 S 52° 14' 30" E 178.60
 LE THEIS
 1017
 KOANDAH GARDENS
 PRELIMINARY PLAN 2/24/87
 LOT #7 - P-87-53

NOTES:

1. TOPOGRAPHY SHOWN HEREON WAS FIELD-RUN BY SHANABERGER & LANE IN JULY 2003.
2. THE EXISTING MACADAM DRIVE SHOWN HEREON WAS FIELD-LOCATED BY SHANABERGER & LANE IN FEBRUARY OF 1996.
3. THIS AREA DESIGNATES A PRIVATE SEWAGE DISPOSAL AREA OF AT LEAST 10,000 AS REQUIRED BY THE MD. STATE DEPT. OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS DISPOSAL AREA SHALL BECOME NULL & VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO ENCROACHMENTS INTO THE PRIVATE SEWAGE DISPOSAL AREA.
4. DESIGNATES APPROVED PERC TEST (1987)
 DESIGNATES APPROVED PERC TEST (JULY 2003)
 DESIGNATES FAILED PERC TEST
 DESIGNATES EXISTING WELL LOCATION
5. EX. PRIVATE SEWAGE DISPOSAL AREA PER PLAT #8009
6. ALL WELLS AND SEPTIC AREAS WITHIN 100' OF THE LOT ARE SHOWN.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT.

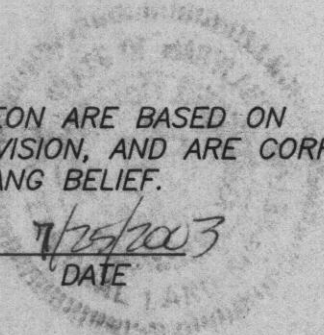
Penny Borenstein, M.D. 8/29/03
 COUNTY HEALTH OFFICER DATE

ISLE OF MANN WAY
 R=50.00
 L=25.33

PERC CERTIFICATION

I CERTIFY THAT THE LOCATIONS SHOWN (●) HEREON ARE BASED ON FIELD-LOCATIONS DONE UNDER MY DIRECT SUPERVISION, AND ARE CORRECT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND BELIEF.

G. Scott Shanabarger
 G. SCOTT SHANABERGER
 PROFESSIONAL LAND SURVEYOR #10849



SHANABERGER & LANE
 8726 TOWN & COUNTRY BLVD.
 SUITE 201
 ELLICOTT CITY, MD. 21043
 PHONE: 410-461-9563
 FAX: 410-461-9693

OWNERS:
 DENNIS DANNER
 1006 PARKS RIDGE DR.
 SPENCERVILLE, MD. 20868

DEVELOPER:
 DANNER DEVELOPEMENT
 1006 PARKS RIDGE DR.
 SPENCERVILLE, MD. 20868

Signed FIELD LOCATED PERC TEST PLAT
 PC 519015 LOT 7
 KOANDAH GARDENS ESTATES

SECTION 1 LOTS 3-10
 (PLAT #8009)
 TAX MAP 34 PARCEL 378
 5TH ELECTION DIST. HOWARD COUNTY, MD.
 SCALE: 1"=50' JULY 21, 2003

