

APPLICATION

PERCOLATION TESTING

A 43461

P _____

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

No public Sewer / 10y.
Comp. Plan only.

DISTRICT 2ND

DATE 1-11-89

*DATE given to
Scott Shenanburger
11/3/89*

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 JOSEPH DAVIS Fred C. Johnson

ADDRESS 5550 LANDING RD. ELKRIDGE, MD. PHONE 760-1451

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION DAVIS SUBDIVISION LOT NO. (1)

ROAD AND DESCRIPTION 5550 LANDING RD.
ELKRIDGE, MD. 21227

TAX MAP 31 PARCEL # 237

SIZE OF LOT 0.92 AC TYPE BLDG. PROPOSED SINGLE FAMILY DWG
(SINGLE FAMILY DWELLING OR COMMERCIAL)

**BLDG. PERMIT SIGNED
AND RETURNED 6/3/90**
*Serial # 32634
SFD*

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 _____

OK
HOLD PENDING FURTHER TESTS Note - tests done C.P.D. DATE 1/25

REASONS FOR REJECTION OR HOLDING 1/25/89 for certified holes well into
+ house site. 1/25/89 from Scott Shenanburger confirmed
perc on site. C.P.D. for above No letters need be sent.
C. B.

THIS IS NOT A PERMIT

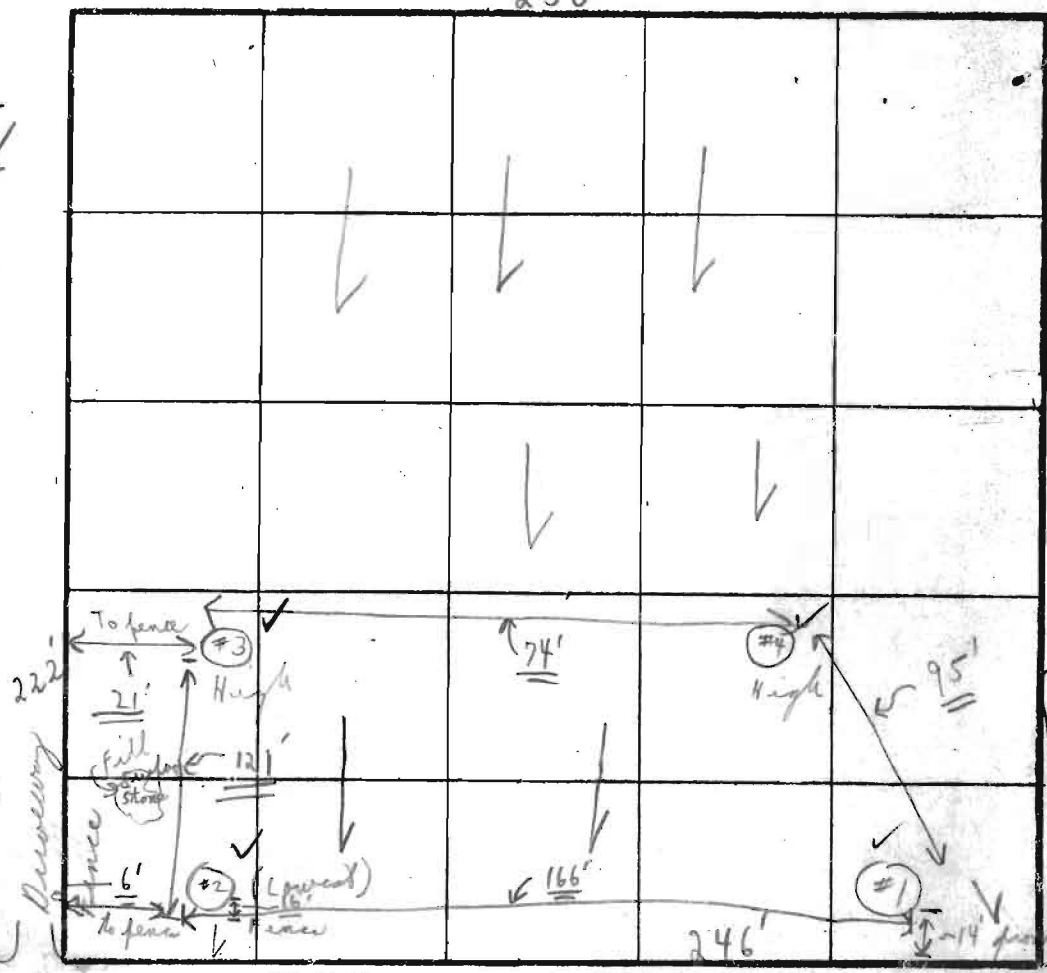
*1-25-89
12:30 AM*

1 - - Empty home
250'

A# 43461
LOT #1

SOIL PROFILE
#3
1'-3"
CLAY
3 1/2'
Sand
Caving

#1
1'-3 1/2"
CLAY
Sand
3 1/2 - 5 1/2'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE - LANDING ROAD

#2
1'-4"
CLAY
4'-6" 10'
Sand
dry
10 1/2"
11 1/2"
white
clay

#4
1'-3"
CLAY

SAND
EM-12-1079

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/25/89	①	3 1/2'	1:54	1:55	1:55	1:56	1 1/2"
		5 1/2'					caving in
	②	4'	1:34	1:36	1:36	1:42	6 min
		7' 10"					Dug to 10' sand caving in
	③	3 1/2'	1:43	1:45	1:45	1:50	5 min
		5 1/2'					caving in
	④	3'	1:30	1:31	1:31	1:33	1 1/2 min
		10' 1"					Dug to 11' : Caved Dug to 11'

REMARKS: Test in open; tests per stake Inlet 3'
TYPE OF SOIL: (Sandy - no stones) Recommended - 3' wide trenches
TESTED BY: C. B. S. ALSO PRESENT: { End }
{ Joe Dave }
{ + 1 other man }

APPLICATION

PERCOLATION TESTING

A Repair

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

NO RECORDS
TESTING REQUIRED
ON EXISTING HOUSE
SAL

P 43462

DISTRICT 2ND

DATE 1-11-89

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 JOSEPH DAVIS

ADDRESS 5558 LANDING RD. ELK RIDGE, MD. PHONE _____

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION DAVIS SUBDIVISION LOT NO. (2)

ROAD AND DESCRIPTION 5558 LANDING RD.
ELK RIDGE, MD. 21227

TAX MAP 31 PARCEL # 237

SIZE OF LOT 4.71 ac. TYPE BLDG. REPAIR AREA FOR EXISTING SINGLE-FAMILY DWG.
(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 OK Notes Tests done C.B.D. DATE 1/25/89

REASONS FOR REJECTION OR HOLDING 1/25/89 for certified hole, well site;
house, site. 1/26 from Scott Shanabarger
confused perc are ok. - hold for above. No letter need
C.B.D. be sent per C.W.

THIS IS NOT A PERMIT

[Repair with Dry Wells 5/10/89]
C.B.D.

Brenda Barth
Howard County
Department of Planning and Zoning
3430 Courthouse Drive
Ellicott City, MD 21075

RE: f05-135/Hilltop Acres
Lots 3, 4, and O.S. Lot 5

Dear Mrs. Barth

The following is a point by point response to the comments generated by your agency on 4/15/05.

Final Plat of Subdivision:

1. The date was changed to indicate 2/02/04 for Note No. 2.
2. The Note No. 5 was changed to indicate "previous" plat subject to...
3. The spelling of "there" was corrected on Note No. 10.
4. The requested note was added to Note No. 13.
5. The requested correction was added to Note No. 14.
6. The requested correction was added to Note No. 17. The Use-in-common maintenance agreement is being recorded simultaneously with this plat submission in the Land Records Office of Howard County.
7. The requested correction was added to Note No. 15.
8. The requested note was added to Note No. 19.
9. A note was added to the plat stating that Storm Water Management issues would be addressed when the site development plan was prepared after subdivision had occurred. This was done in consultation with Yuru Qin of the Development Engineering Division on 4/26/05.
10. The title block was amended to show the plat's purpose of subdividing lot 2 into new lots 3, 4 and Open Space Lot 5.
11. The requested items were removed from the title block and "previously plat #" was added to the F 89-193.
12. Minor Collector was added to the right-of-way for Landing Road.
13. The requested shadowing of lot 1 and the lot 2 label was added. A leader now appears below the shadowed lot 2 label that has the rough distance east to west of the existing lot.
14. The road dedication note was removed.

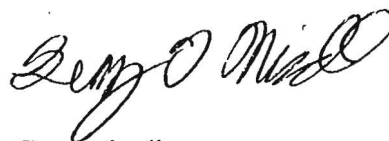
15. The front building restriction lines have been changed to 40'. No newly created lot lines have created a building restriction line, which place existing houses in violation of required setbacks.
16. The eastern 10' side setback has been correctly dimensioned
17. The house shown on lot 4 and all building restriction lines located within O.S. lot 5 have been removed.
18. A 24' wide Use-in-Common Access Easement that is correctly dimensioned and labeled has been added to the plat.
19. A 12' wide Use-in-Common Access Easement that is correctly dimensioned and labeled has been added to the plat.
20. Zoning classification has been added to the surrounding properties.
21. The forest conservation easement area has been labeled "Retention"

Supplemental/Forest Conservation Plan

1. The title block has had "And Forest Conservation Plan" added to it.
2. The signature and seal of a Landscape Architect has been added. A signature block for the required signing County Departments has also been added. Upon completion of the revision process the original shall be submitted to the Office of Central Service.
3. The Forest Conservation Easement has been dimensioned and labeled as Retention.
4. The Proposed sign locations have been shown on the plan.
5. Each landscape perimeter and linear footage has been shown in Schedule A.
6. The tree type, species and size have been indicated on the Plant List.
7. The existing trees have been labeled "existing to remain". The limits of disturbance have been clearly shown and labeled. The pipestem areas are also shown for each lot.
8. The proposed driveway has been dimensioned from the Southern property line. A turn around has been provided on lot 4.

As always if you have any additional questions or comments please do not hesitate to call.

Sincerely



Greg Nicoll

Mr. Charles Dammers, Chief
Howard County
Development Engineering Division
3430 Courthouse Drive
Ellicott City, Maryland 21043

REVISED

Re: Hilltop Acres
F 05-135

Dear Mr. Dammers,

The following is a point by point response to the comments generated by your agency on 4/07/05:

1. The Howard County Control Stations shown on the vicinity map now match those listed in the General Notes.
2. A general note has been added stating that areas are meant to be exact.
3. A general note has been added stating that water and sewer will be provided by means of well and septic systems.
4. A note was added to the plat stating that Storm Water Management issues would be addressed when the site development plan was prepared after subdivision had occurred. This was done in consultation with Yuru Qin of the Development Engineering Division on 4/26/05.
5. A 24' Use In Common Driveway Easement has been added to the plat.
6. A waiver request from the Sight Distance Requirements has been submitted to the Development Engineering Division.
7. The reservation of public utility and forest conservation easements note has been added to the plat.
8. A title report is included in this submission.
9. The general notes required by the standard Howard County comments have been added to the plat.
10. The developers agreement for roads, storm drainage and/or storm water management is not required before the record plat can be accepted for signature per my conversation with Karen Styles 4/26/05 of the Real Estate Services Division.
11. The developer's agreement for water and/or sewer is not required to be executed before the record plat can be accepted for signature per my conversation with Karen Styles 4/26/05 of the Real Estate Services Division.

Landesign

Engineers
Land Surveyors
Planners

2905 Mitchellville Road ■ Suite #111 ■ Bowie Professional Center
Bowie, Maryland 20716 ■ (301) 249-8802 ■ Fax: 249-8804

12. The developer's agreement with Baltimore Gas & Electric for underground gas and electric services is not required per my conversations with Karen Styles, Brenda Barth, and Mark Jascewsky.
13. A \$225.00 to address the requirements of Section 16.133(c) of the 1993 Subdivision and Land Development Regulations, and Resolution No. 83-1993 is included in this submittal.

As always if you have any additional questions or comments please do not hesitate to call.

Sincerely



Greg Nicoll



Howard County
Health Department

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

July 29, 2004

Frederick C. & Barbara L. Johnson
5590 Landing Road
Elkridge, MD 21075

RE: PERCOLATION TEST RESULTS-A520758/520760
Tax Map 31, Parcel 237
Joe Davis Subdivision

Dear Mr. & Mrs. Johnson:

Percolation testing conducted July 28, 2004 on the referenced property indicated satisfactory soil conditions. 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 and elevations of all excavated test holes
- 2) Proposed house, well and septic system
- 3) Locations of any other relevant features such as streams, swales, or existing structures
- 4) A note must be included certifying that all existing wells and septic systems within 100 feet of property boundaries have been shown
- 5) A note indicating that depicted topography reflects field-matched information
- 6) A health officer signature block stating "approved for private water and private sewer systems"
- 7) A MDE sewage disposal area statement is required
- 8) MDE minimum lot width statement
- 9) All neighboring well and septic systems show on the plan

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) 313-1771.

Sincerely,


Kevin J. Bell
Water and Septic Program

KB

Enclosures

cc: Doug Hodges c/o Land Design Inc.

File



NEW LOT

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ A# 520758

AGENCY REVIEW: _____ DATE 7/1/2004

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 unknown 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) Johnson, Frederick C. and Barbara L.

DAYTIME PHONE 410-796-2126 CELL 410-365-5452 FAX _____

MAILING ADDRESS 5580 Landing Road Elkridge Md 21075
STREET CITY/TOWN STATE ZIP

APPLICANT Doug Hodges % Landesign, Inc

DAYTIME PHONE 301-249-8802 CELL 443-454-4764 FAX 301-249-8804

MAILING ADDRESS 2905 Mitchellville Rd #111 Bowie Md 20716
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Joe Davis Subdivision LOT NO. 3A

PROPERTY ADDRESS Landing Road Elkridge Md 21075
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 31 GRID 24 PARCEL(S) 237 PROPOSED LOT SIZE 61,154 SF

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.

Doug Hodges
SIGNATURE OF APPLICANT

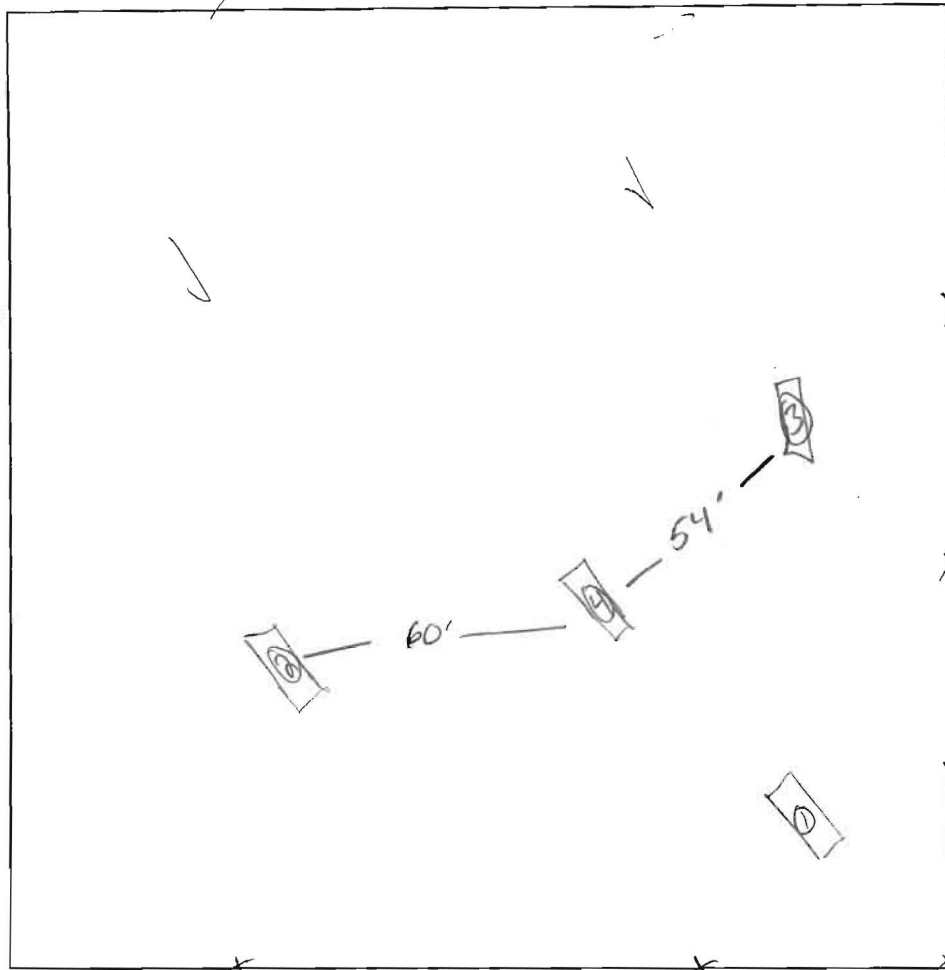
HOWARD COUNTY HEALTH DEPARTMENT, BUREAU OF ENVIRONMENTAL HEALTH, WELL AND SEPTIC PROGRAM
3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MARYLAND 21043-4544 (410) 313-1771 FAX (410) 313-2648
TDD (410) 313-2323 TOLL FREE 1-877-4MD-DHMH

A/P

①
 Black/Brown Rooted L 1'
 Brown/Yellow L 2'
 Yellow/Brown weakly cemented SI 4½'
 Red/Orange Brown SI 5½'
 Yellow/Orange S -trace Rock - 11'

②
 Black L 1'
 Yellow/Brown Heavy CI 4'
 Orange/Yellow SI w/ 15% Cobble Rock 5'
 Yellow/Orange SI 7'
 Orange/Yellow Brown S -trace Rock - 11'

③
 Black L 1'
 Brown heavy L 2'
 Brown/Yellow SI w/ 10% Cobble Rock 4½'
 Orange/Yellow SI 10'
 Orange/Yellow Brown S -trace Rock 11'



④
 Brown L 1'
 Brown/Yellow Heavy CI 3½'
 Orange/Yellow Brown SI w/ 15% gravelly Rock 5'
 Orange/Yellow Brown coarse grained S -trace Rock 11'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
7/29/04	1	3½' / 11'	11:34	11:37	11:41	4 min	P
	2	5½' / 11'	12:04	12:05:30	12:08	2min 30sec	P
	3	4½' / 11'	12:28	12:30	12:32	2min	P
	4	- / 11'	- Visual	-		OK	P

REMARKS _____
 SANITARIAN KJB. BACKHOE _____ OTHERS _____
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____



upgrade

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____ AD 520760

AGENCY REVIEW: _____ DATE 7/1/2004

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:

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- REPLACE AN EXISTING SEPTIC SYSTEM

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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:

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- 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) Johnson Frederick C. & Barbara L.

DAYTIME PHONE 410-796-2126 CELL 410-365-5452 FAX _____

MAILING ADDRESS 5580 Landing Rd Elkridge Md. 21075
STREET CITY/TOWN STATE ZIP

APPLICANT Doug Hodges % Landesign Inc.

DAYTIME PHONE 301-249-8802 CELL 443-454-4764 FAX 301-249-8804

MAILING ADDRESS 2905 Mitchellville Rd #111 Bowie Md 20716
STREET CITY/TOWN STATE ZIP

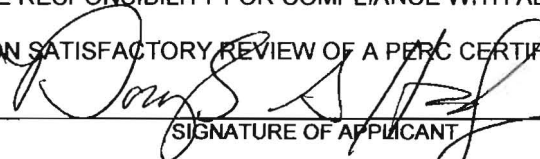
APPLICANT'S ROLE: DEVELOPER BUILDER BUYER RELATIVE/FRIEND REALTOR CONSULTANT

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME Joe Davis Subdivision LOT NO. 2A

PROPERTY ADDRESS 5590 Landing Road Elkridge, Md 21075
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 31 GRID 24 PARCEL(S) 237 PROPOSED LOT SIZE 44,940 SF.

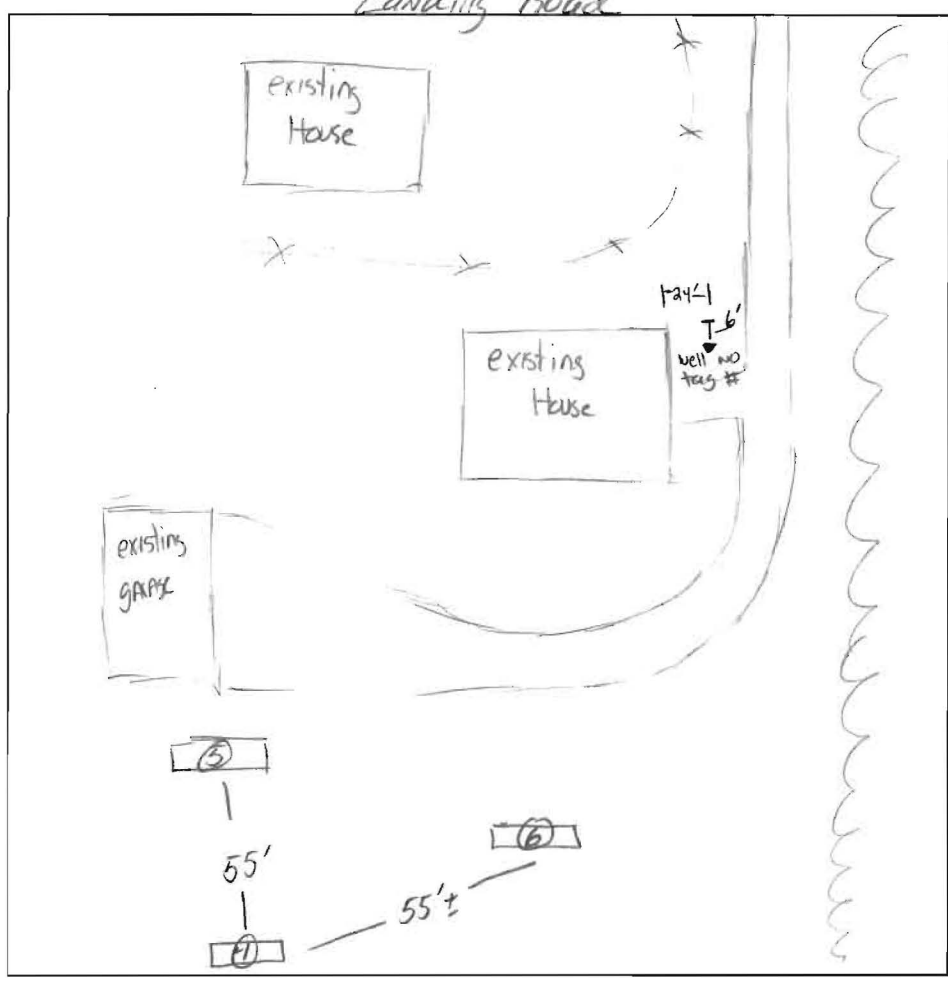
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SIGNATURE OF APPLICANT

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

Landing Road

- A/P ④
- Black fill 1'
 - Brown/orange Sil 2 1/2'
 - Yellow/Brown weakly cemented S 4 1/2'
 - Yellow/Brown S w/ 15% gravelly Rock 5 1/2'
 - Brown/orange weakly cemented S 8'
 - Red/orange S 11 1/4"
 - gray d-2 matting 12'



- ⑤
- Brown L 1'
 - Yellow/Brown Sil 3 1/2'
 - Yellow/Brown fine grained S 10'
 - Orange/Yellow Brown S 13'

- ⑥
- Black fill 1'
 - Brown/Yellow Sil 3'
 - Orange/Red Yellow S1 w/ 10-15% gravelly Rock 11 1/2"
 - white/gray d-2 matting 11 1/2"

- 7
- Brown CL 1'
 - Red/brown coarse Sil 3 1/2'
 - Red/brown Sil 5'
 - Red/brown micros Sil w/ 10% gravel Rock 9'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2nd INCH	P/F/H
7/29/04	4	4 1/2' / 12'	9:46	10:16	10:43	27 min	P
	5	6' / 13'	10:21	10:21	10:21	8-10 sec	F
	5	3 1/2' / 13'	10:28	10:35	10:46	11 min	P
	6	- / 11 1/2'	- Visual -			OK	P
1/27/05	7	- Hand Auger -					

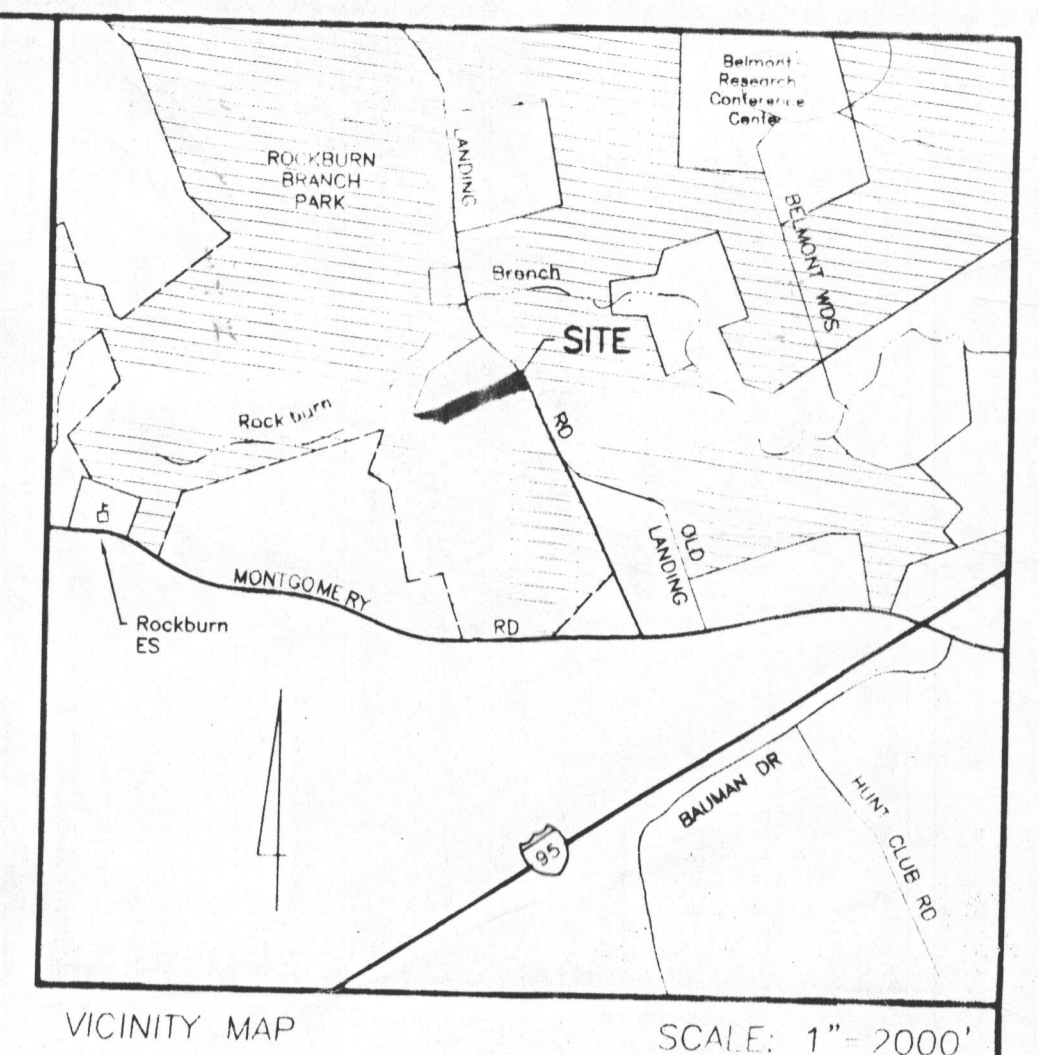
REMARKS well is 6' from driveway

SANITARIAN KJB BACKHOE _____ OTHERS _____

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

TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

No	Rod	Delta	Arc	Tan	Chord
1	970.00'	09°47'25"	165.75'	83.08'	S 41° 41' 01" E 165.54'
2	970.00'	03°01'15"	51.14'	25.58'	S 37° 18' 41" E 51.13'



VICINITY MAP SCALE: 1" = 2000'

THE PLAN PREPARER HAS INSPECTED THE SITE AND THE PLAN IS ACCURATE AS DRAWN.

THE HOUSE FOOTPRINT SHOWN REFLECTS THE ACTUAL SIZE OF THE PROPOSED HOUSE TO BE BUILT.

- GENERAL NOTES**
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
 - THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
 - EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
 - ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
 - ALL WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT RECORDATION. IT IS THE DEVELOPER'S RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
 - ALL TOPOGRAPHY REFLECTS FIELD-MATCHED INFORMATION.

APPROVED FOR PUBLIC (OR PRIVATE) WATER AND PUBLIC (OR PRIVATE) SEWERAGE SYSTEMS
 County Health Officer: *[Signature]* Date: 1/31/05
 Howard County Health Department

SURVEYOR'S CERTIFICATE
 I hereby certify that the position of all existing improvements shown hereon on this plan have been carefully established by field measurements. The level of accuracy of field measurements and setback distances are to the nearest 0.1 foot. Unless otherwise shown, property corners have not been set.
 DATE: 3/8/04
[Signature]
 JEFFREY FELKER
 PROFESSIONAL LAND SURVEYOR No. 21166

DATE	REVISIONS
1-20-05	Revised Per Kevin Bell's Comments
1-27-05	" " " "



Landesign
 ENGINEERS * SURVEYORS * PLANNERS
 2905 MITCHELLVILLE ROAD SUITE NO. 111
 BOWIE, MARYLAND 20716
 (301) 249-8802

OWNER/DEVELOPER
 Fred Johnson
 5580 Landing Road
 Elkridge, Maryland 21075
 Phone 410-799-2126
 Fax 410-799-0282

PERCOLATION CERTIFICATION PLAN

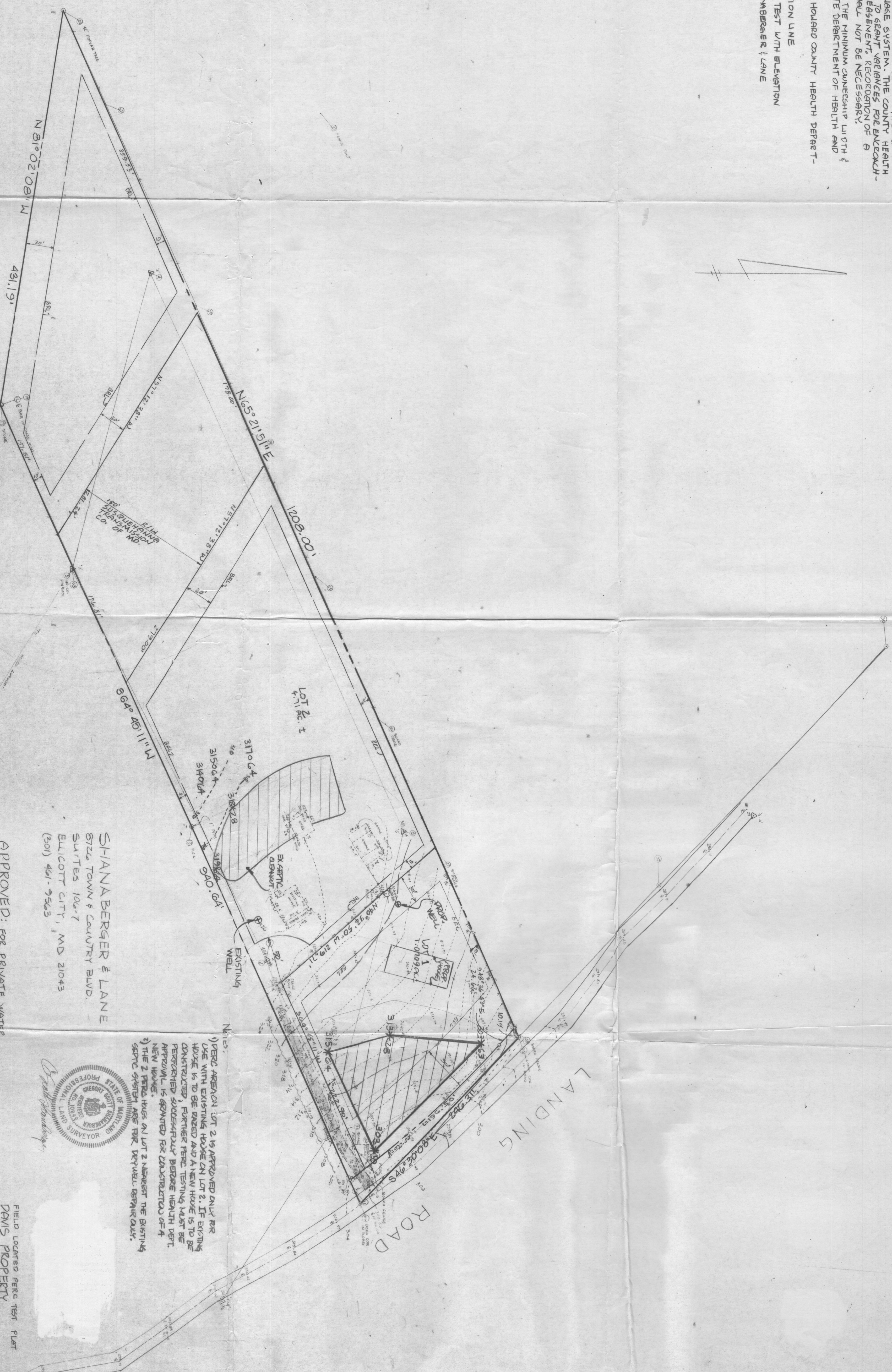
LOTS 2A and 3A
 A RESUBDIVISION OF LOT 2
JOE DAVIS SUBDIVISION
 Tax Map 31 Parcel 237
 1st Election District
 Howard County, Maryland

DATE: March 2004	SCALE: 1"=50'
DESIGN BY:	DRAWN BY: J.F.
CHECKED BY:	SHEET NO: 1 of 1
PERMIT NO.	JOB NO.: 03-057



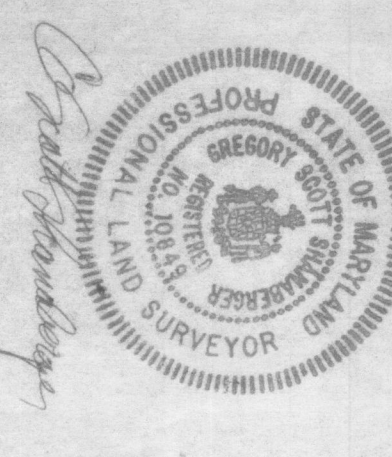
NOTES

- 1) THIS AREA DESIGNATES PRIVATE SEWAGE TREATMENT PLANT OF 10,000 GPD AS REQUIRED BY THE MD STATE DEPT. OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS SEWAGE TREATMENT PLANT SHALL BECOME FULLY OPERATIONAL UPON CONNECTION TO PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO ASSESS, REPAIR, MAINTAIN, MODIFY OR REMOVE INTO THE PRIVATE SEWAGE TREATMENT PLANT RECORDS OF MODIFIED SEWAGE TREATMENT PLANT SHALL NOT BE NECESSARY.
- 2) THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP LIMITS & LOT SIZES REQUIRED BY THE MD STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
- 3) DESIGNATES PERC TEST FAILED PER HOWARD COUNTY HEALTH DEPARTMENT NOTES.
- 4) BRL DESIGNATES BUILDING RESTRICTION LINE
- 5) 303*09 DESIGNATES SUCCESSFUL PERC TEST WITH ELEVATION
- 6) TOPOGRAPHY SHOWN FIELD RAIN BY SHANABERGER & LANE



SHANABERGER & LANE
 8722 TOWN & COUNTRY BLVD.
 SUITES 104-7
 ELLICOTT CITY, MD 21043
 (301) 461-9563

APPROVED: FOR PRIVATE WATER & SEWER SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT
[Signature]
 COUNTY HEALTH OFFICER
 DATE 6-2-89





NOTES:
 1) PERC AREA ON LOT 2 IS APPROVED ONLY FOR USE WITH EXISTING HOUSE ON LOT 2. IF EXISTING HOUSE IS TO BE RAZED AND A NEW HOUSE IS TO BE CONSTRUCTED, FURTHER PERC TESTING MUST BE PERFORMED SUCCESSFULLY BEFORE HEALTH DEPT. APPROVAL IS GRANTED FOR CONSTRUCTION OF A NEW HOUSE.
 2) THE 2 PERC LOTS ON LOT 2 NEAREST THE EXISTING SEWER SYSTEM ARE FOR PERC REPAIR ONLY.

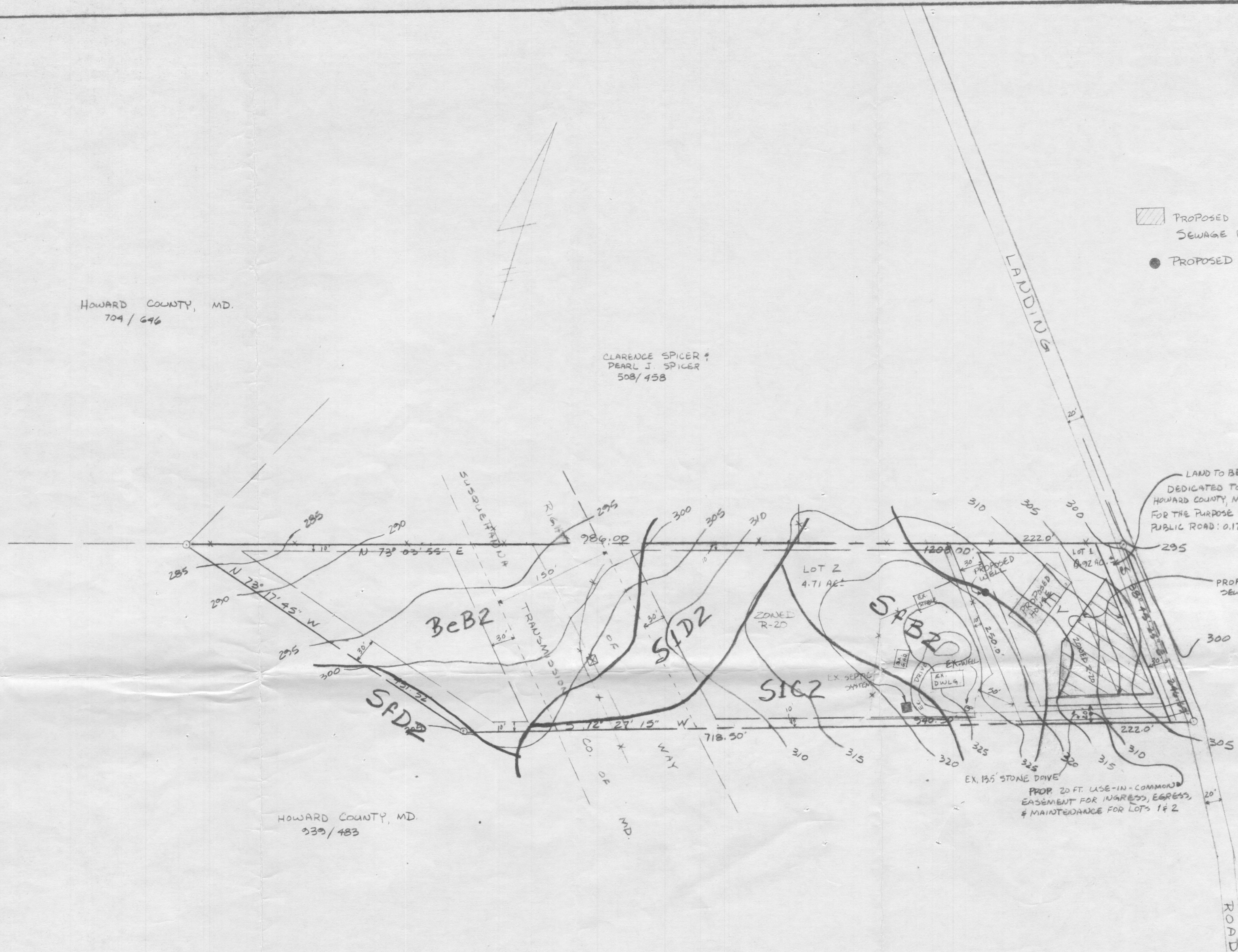
FIELD LOCATED PERC TEST PLAT
 DANIS PROPERTY
 LOT 1
 1ST ELECTION DISTRICT
 HOWARD COUNTY, MD
 DATE: 04/07/89 SCALE: 1" = 50'
 REV: 5/19/1989

HOWARD COUNTY, MD.
704 / 646

CLARENCE SPICER &
PEARL J. SPICER
508 / 458

HOWARD COUNTY, MD.
339 / 483

-  PROPOSED 10,000 \$ PRIVATE SEWAGE EASEMENT
-  PROPOSED PERC TEST



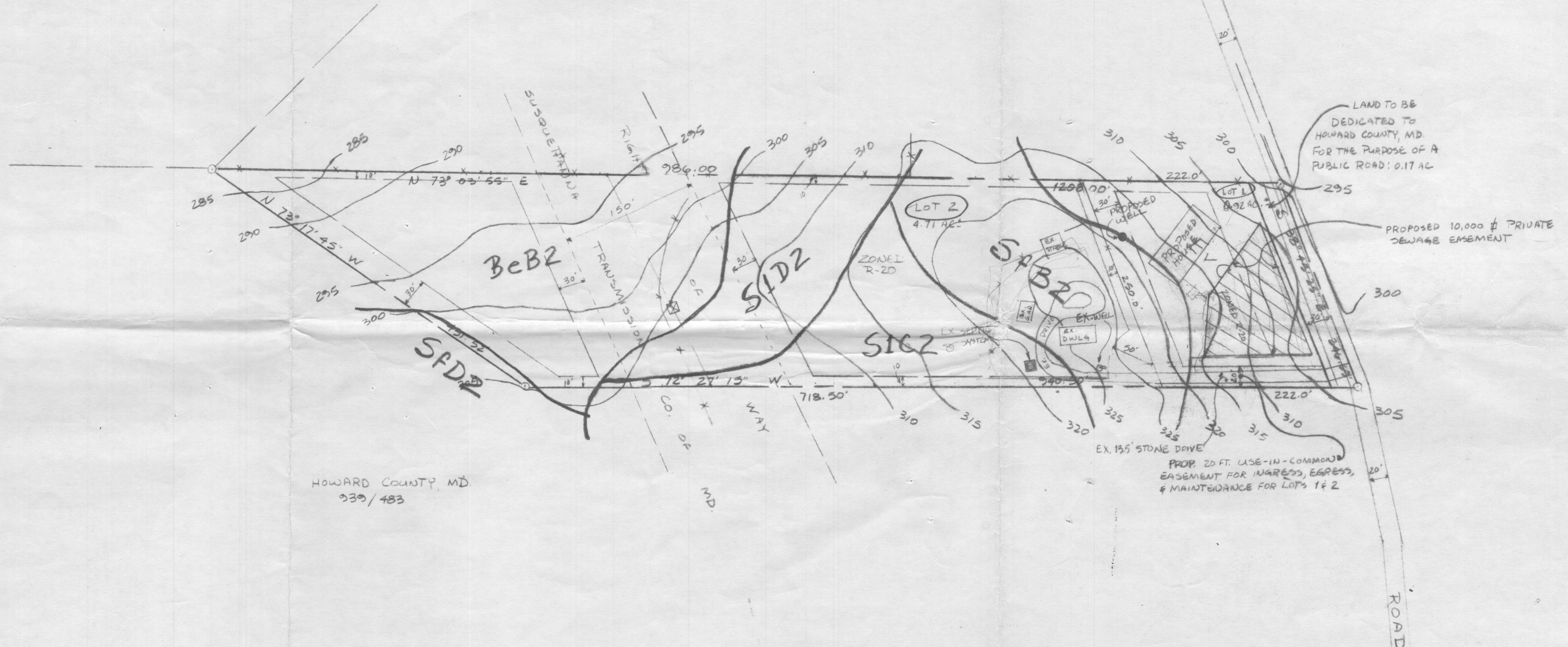
Gregory Scott Shanabarger

SHANABERGER & LANE
8726 TOWN & COUNTRY BLVD.
SUITES 106-7
ELLCOTT CITY, MD. 21043
(301) 461-9563

PERC TEST PLAT AND VARIANCE PLAT
DAVIS SUBDIVISION, LOTS 1 & 2
1ST ELECTION DISTRICT
HOWARD COUNTY, MD.
SCALE: 1" = 100'
DATE: 12/28/88
REVISION: 1/11/89

HOWARD COUNTY, MD.
704 / 696

CLARENCE SPICER &
PEARL J. SPICER
508 / 458



HOWARD COUNTY, MD.
939 / 483



Gregory Scott Shanabarger

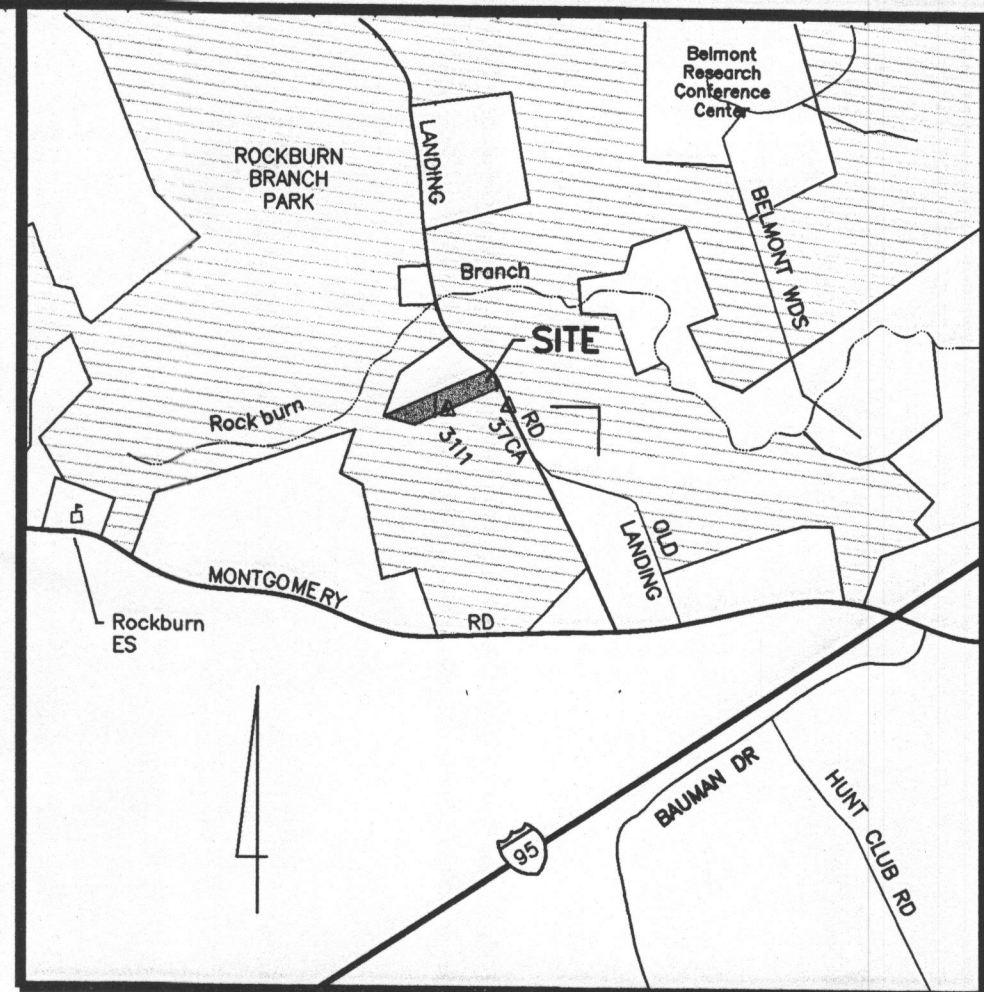
SHANABERGER & LANE
 8726 TOWN & COUNTRY BLVD.
 SUITES 106-7
 ELLICOTT CITY, MD. 21043
 (301) 461-9563

PERC TEST PLAT AND VARIANCE PLAT
 DAVIS SUBDIVISION, LOTS 1 & 2
 1ST ELECTION DISTRICT
 HOWARD COUNTY, MD.
 SCALE: 1" = 100'
 DATE: 12/28/88
 REVISION: 1/11/89

SOILS LEGEND	
SOIL	NAME
BeB2*	Beltsville silt loam, 1 to 5% slopes, Mod. Eroded
SfD2	Sassafras gravelly sandy loam, 10 to 15% slopes, Mod. Eroded
BeC2*	Beltsville silt loam, 5 to 10% slopes, Mod. Eroded
SfD2	Sassafras loam, 10 to 15% slopes, Mod. Eroded
SfC2	Sassafras gravelly sandy loam, 5 to 10% slopes, Mod. Eroded
SfB2	Sassafras gravelly sandy loam, 1 to 5% slopes, Mod. Eroded
EVC**	Evesboro loamy sand, 5 to 15% slopes

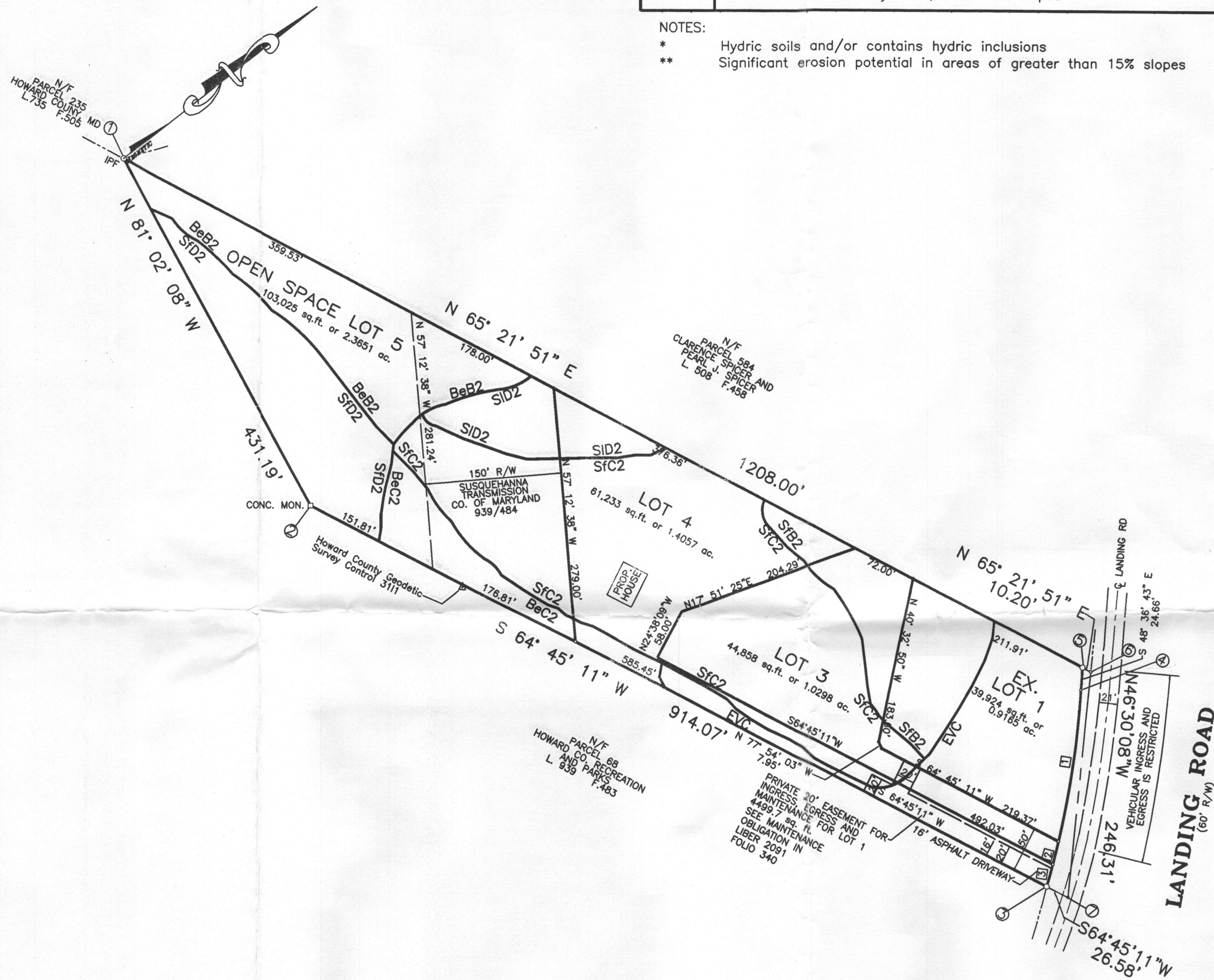
NOTES:

- * Hydric soils and/or contains hydric inclusions
- ** Significant erosion potential in areas of greater than 15% slopes



VICINITY MAP

SCALE: 1"=2000'



REVISED
5/23/05

DATE	REVISION



Landesign
ENGINEERS * SURVEYORS * PLANNERS
2905 MITCHELLVILLE ROAD SUITE NO. 111
BOWIE, MARYLAND 20716
(301) 249-8802

OWNER
FREDERICK C. JOHNSON
AND BARBARA L. JOHNSON
5590 LANDING ROAD
ELKRIDGE MD, 21075
410-796-4968

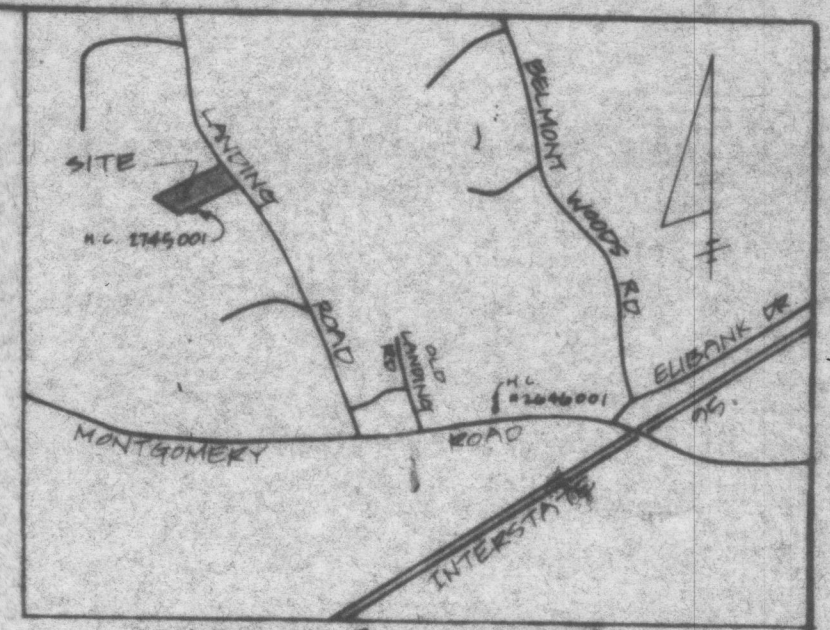
SOIL DELINEATION PLAN

HILLTOP ACRES
LOTS 3, 4, AND OPEN SPACE LOT 5
A RESUBDIVISION OF LOT 2

DATE: JAN, 2005	SCALE: 1"=100'
DESIGN BY: GN	DRAWN BY: GN
CHECKED BY: JF	SHEET NO:1 OF 1
PERMIT NO.	JOB NO: 03-057

COORDINATE VALUES		
POINT	NORTH	EAST
16	504176.805	868775.898
20	504243.993	868569.976
35	504747.547	867665.018
36	504578.008	867846.689
87	504566.876	867822.698
87	504743.299	867658.756
92	504126.995	869677.257

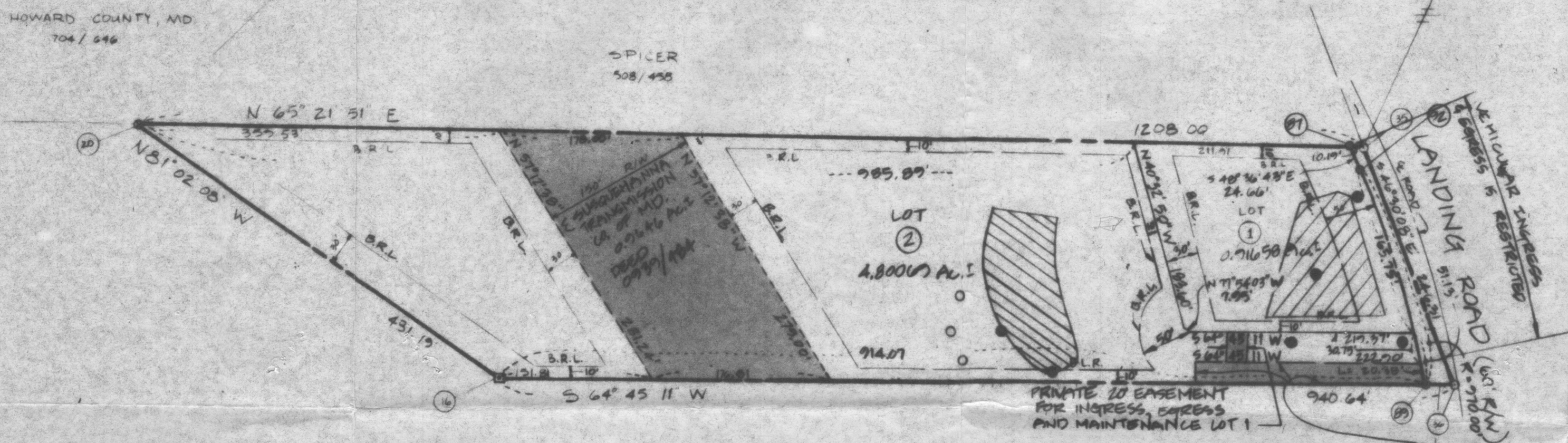
CURVE DATA							
FROM - TO	RADIUS	Δ	LENGTH	TANGENT	CHORD		
92 - 89	970.00'	12°48'39"	214.80'	108.90'	5 42°12'29.5" E	216.49'	



VICINITY MAP
SCALE 1" = 2000'

GENERAL NOTES

- SUBJECT PROPERTY ZONED R-20 PER 0/2/05 COMPREHENSIVE ZONING PLAN.
- B.R.L. DESIGNATES BUILDING RESTRICTION LINE.
- MARYLAND STATE GRID SYSTEM COORDINATE VALUES BASED ON HOWARD COUNTY TRAVERSE POINTS 2745001 & 2646001.
- DESIGNATES IRON PIPE OR IRON BAR
⊗ DESIGNATES 42 POPLAR TREE
□ DESIGNATES CONCRETE MONUMENT
- PLAT SUBJECT TO WF 89-97, SECTION WAIVED - 16.113 F.T. WAIVER APPROVED MARCH 7, 1989. WF 89-97 ALLOWS DIRECT DRIVEWAY ACCESS TO A MINOR COLLECTOR ROAD (LANDING ROAD).
- FOR FLAG OR PIPESTEM LOTS REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND THE ROAD RIGHT-OF-WAY, AND NOT TO THE FLAG OR PIPESTEM LOT DRIVEWAY.
- DRIVEWAY WITHIN EASEMENT FOR INGRESS, EGRESS & MAINTENANCE TO BE PRIVATELY MAINTAINED. SEE DECLARATION OF MAINTENANCE OBLIGATION IN LIBER 1540.
- THERE IS AN EXISTING HOUSE ON LOT 2.
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 GPD AS REQUIRED BY THE MD. STATE DEPT. OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT RECORDATION OF A MODIFIED SEWAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MD. STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
- THERE ARE NO WETLANDS ON THIS PROPERTY.



PRIVATE 20' EASEMENT FOR INGRESS, EGRESS AND MAINTENANCE LOT 1

PRIVATE 20' EASEMENT FOR INGRESS, EGRESS AND MAINTENANCE FOR LOTS 1 & 2. 4499.7 sq ft = 0.1033 Ac. SEE MAINT. OBLIGATION IN LIBER 1540.

GENERAL NOTES (CONT.)

- 10,000 GPD PRIVATE SEWAGE EASEMENT ON LOT 2 IS APPROVED ONLY FOR USE WITH EXISTING HOUSE ON LOT 2. IF EXISTING HOUSE IS TO BE RAZED AND A NEW HOUSE IS TO BE CONSTRUCTED, FURTHER PERC TESTING MUST BE PERFORMED SUCCESSFULLY BEFORE HEALTH DEPT. APPROVAL IS GRANTED FOR CONSTRUCTION OF A NEW HOUSE.
- THE 2 SUCCESSFUL PERC TESTS ON LOT 2 ARE FOR DRYWELL REPAIR ONLY.
- DESIGNATES SUCCESSFUL PERC TEST.
○ DESIGNATES FAILED PERC TEST.

Sent for signature 12-20-89

TABULATION OF FINAL PLAT

TOTAL NO. OF LOTS AND/OR PARCELS TO BE RECORDED: 2
 TOTAL AREA OF LOTS AND/OR PARCELS: 5.71727 Ac.
 TOTAL AREA OF ROADWAYS TO BE RECORDED INCLUDING WIDENING STRIPS: 0.00707 Ac.
 TOTAL AREA OF SUBDIVISION TO BE RECORDED: 5.78114 Ac.

LOT NO.	GROSS AREA OF LOT	AREA OF PIPESTEM	AREA OF SLOPES 25% OR GREATER	NET AREA
1	1.0709 Ac.	0	0	1.0709 Ac.
2	4.6453 Ac.	0.1033 Ac.	0	4.5420 Ac.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS.

COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

DIRECTOR DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS & PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR DATE

OWNER'S CERTIFICATE

I, JOSEPH L. DAVIS, OWNER OF THE PROPERTY DESCRIBED HEREON, HEREBY ADOPTED THIS PLAN OF SUBDIVISION AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND ITS SUCCESSORS AND ASSIGNS (1) THE RIGHT TO LAY, CONSTRUCT, AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES IN AND UNDER ALL ROADS AND STREET RIGHT-OF-WAYS AND THE SPECIFIC EASEMENT SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS, AND FLOOD PLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOOD PLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE; (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE, AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERECTED ON OR OVER THE SAID EASEMENTS AND RIGHT-OF-WAYS. WITNESS MY/OUR HANDS THIS 10TH DAY OF APRIL 1989.

JOSEPH L. DAVIS DATE _____ WITNESS _____ DATE _____

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT THAT IT IS A SUBDIVISION OF ALL OF THE LANDS CONVEYED BY SHIRLEY DAVIS TO JOSEPH L. DAVIS BY DEED DATED NOVEMBER 1, 1982 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MD. IN LIBER 1126 AND THAT ALL MONUMENTS ARE IN PLACE PRIOR TO THE ACCEPTANCE OF THIS PLAT. THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODES OF MARYLAND, AS AMENDED.

Shirley Shanaberger
Surveyor
11/1/82

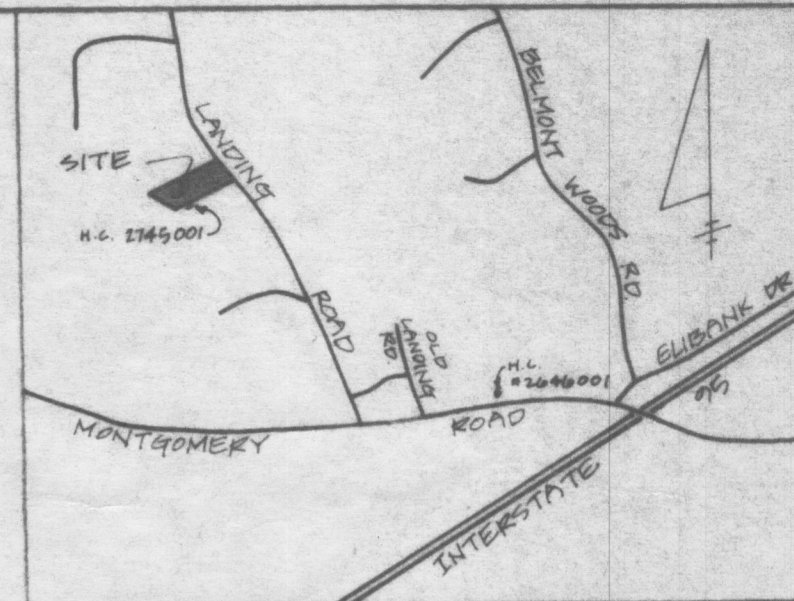
SHANABERGER & LANE
 8726 TOWN & COUNTRY BLDG
 SUITE 106-71
 ELICOTT CITY, MD 21043
 (301) 461-9263

FINAL PLAT
DAVIS SUBDIVISION
 LOTS 1 & 2

1ST ELECTION DISTRICT
 HOWARD COUNTY, MD.
 TAX MAP 31 PARCEL 297
 SCALE: 1" = 100'
 DATE: FEBRUARY 23, 1989
 SHEET 1 OF 1
 WF-89-97

COORDINATE VALUES		
POINT	NORTH	SOUTH
16	504176.805	868795.898
20	504243.993	868569.776
35	504747.547	868668.018
36	504578.008	867846.687
89	504566.676	867822.658
87	504743.299	867658.756
92	504726.995	867677.257

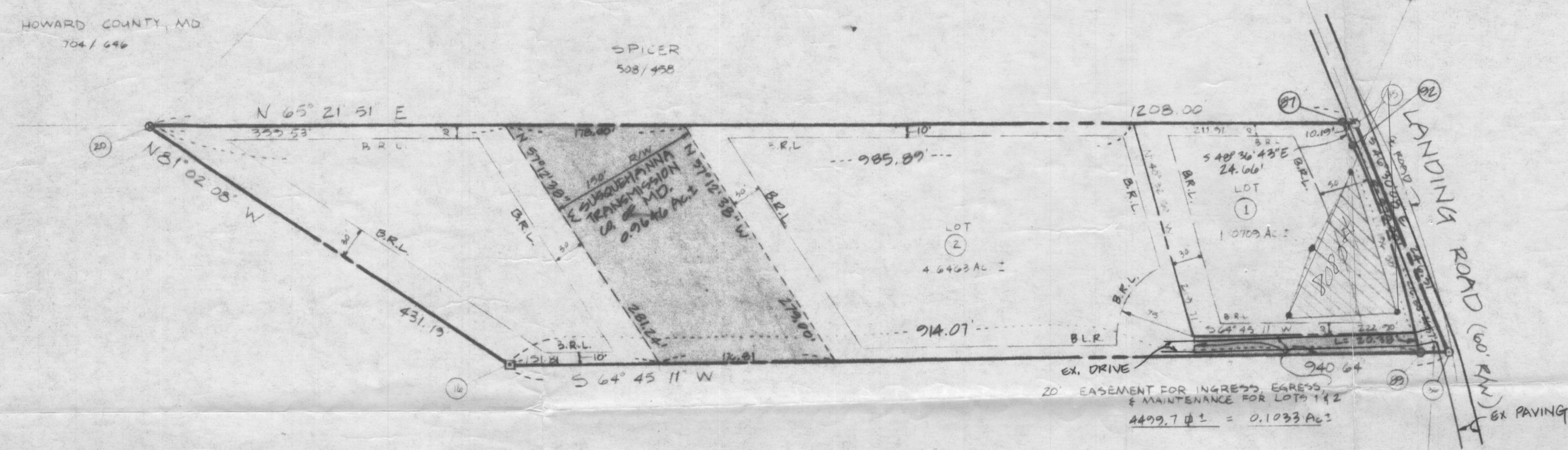
CURVE DATA						
FROM - TO	RADIUS	Δ	LENGTH	TANGENT	CHORD	
92 - 89	970.00'	12°48'39"	216.88'	108.90'	S 42°12'23.5" E	216.43'



VICINITY MAP
SCALE 1" = 200'

GENERAL NOTES

- SUBJECT PROPERTY ZONED 'R-20' PER 8/2/85 COMPREHENSIVE ZONING PLAN.
- B.R.L. DESIGNATES 'BUILDING RESTRICTION LINE'.
- MARYLAND STATE GRID SYSTEM COORDINATE VALUES BASED ON HOWARD COUNTY TRAVERSE POINTS 2745001 & 2646001
- DESIGNATES IRON PIPE OR IRON BAR
⊗ DESIGNATES 42 POPLAR TREE
□ DESIGNATES CONCRETE MONUMENT
- PLAT SUBJECT TO WP 89-97. WP 89-97 ALLOWS DIRECT DRIVEWAY ACCESS TO A MINOR COLLECTOR ROAD (LANDING ROAD).
- FOR FLAG OR PIPESTEM LOTS REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND THE ROAD RIGHT-OF-WAY, AND NOT TO THE FLAG OR PIPESTEM LOT DRIVEWAY.
- DRIVEWAY WITHIN EASEMENT FOR INGRESS, EGRESS & MAINTENANCE TO BE PRIVATELY MAINTAINED.
- THERE IS AN EXISTING HOUSE ON LOT 2.
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 GPD AS REQUIRED BY THE MD. STATE DEPT. OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MD. STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
- THERE ARE NO WETLANDS ON THIS PROPERTY.



TABULATION OF FINAL PLAT

TOTAL NO. OF LOTS AND/OR PARCELS TO BE RECORDED: 2

TOTAL AREA OF LOTS AND/OR PARCELS: 5.7172 Ac.

TOTAL AREA OF ROADWAYS TO BE RECORDED INCLUDING WIDENING STRIPS: 0.0699 Ac.

TOTAL AREA OF SUBDIVISION TO BE RECORDED: 5.7871 Ac.

LOT NO.	GROSS AREA OF LOT	AREA OF PIPESTEM	AREA OF SLOPES 25% OR GREATER	NET AREA
1	1.0709 Ac.	0	0	1.0709 Ac.
2	4.6453 Ac.	0.1033 Ac.	0	4.5420 Ac.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS.

COUNTY HEALTH OFFICER _____ DATE _____

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

DIRECTOR _____ DATE _____

APPROVED: FOR STORM DRAINAGE SYSTEMS & PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS

DIRECTOR _____ DATE _____

OWNER'S CERTIFICATE

I, JOSEPH L. DAVIS, OWNER OF THE PROPERTY DESCRIBED HEREON, HEREBY ADOPTED THIS PLAN OF SUBDIVISION AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT, UNTO HOWARD COUNTY, MARYLAND ITS SUCCESSORS AND ASSIGNS (1) THE RIGHT TO LAY, CONSTRUCT, AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES, IN AND UNDER ALL ROADS AND STREET RIGHT-OF-WAYS AND THE SPECIFIC EASEMENT SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS, AND FLOOD PLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOOD PLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE; (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE; AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERECTED ON OR OVER THE SAID EASEMENTS AND RIGHT-OF-WAYS. WITNESS MY/OUR HANDS THIS _____ DAY OF _____

Joseph L. Davis 4/10/89 DATE
Witness 4/10/89 DATE

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT THAT IT IS A SUBDIVISION OF ALL OF THE LANDS CONVEYED BY SHIRLEY DAVIS TO JOSEPH L. DAVIS BY DEED DATED NOVEMBER 1, 1982 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MD. IN LIBER 1126 AND THAT ALL MONUMENTS ARE IN PLACE PRIOR TO THE ACCEPTANCE OF THE SUBDIVISION BY HOWARD COUNTY AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

Scott Shanaberger 4/14/89 DATE
PROFESSIONAL LAND SURVEYOR #10849

SHANABERGER & LANE

8726 TOWN & COUNTRY BLVD SUITE 106-T ELLICOTT CITY, MD 20443 (301) 401-9563

PLAT TO ACCOMPANY VARIANCE PETITION

DAVIS SUBDIVISION LOTS 1 & 2

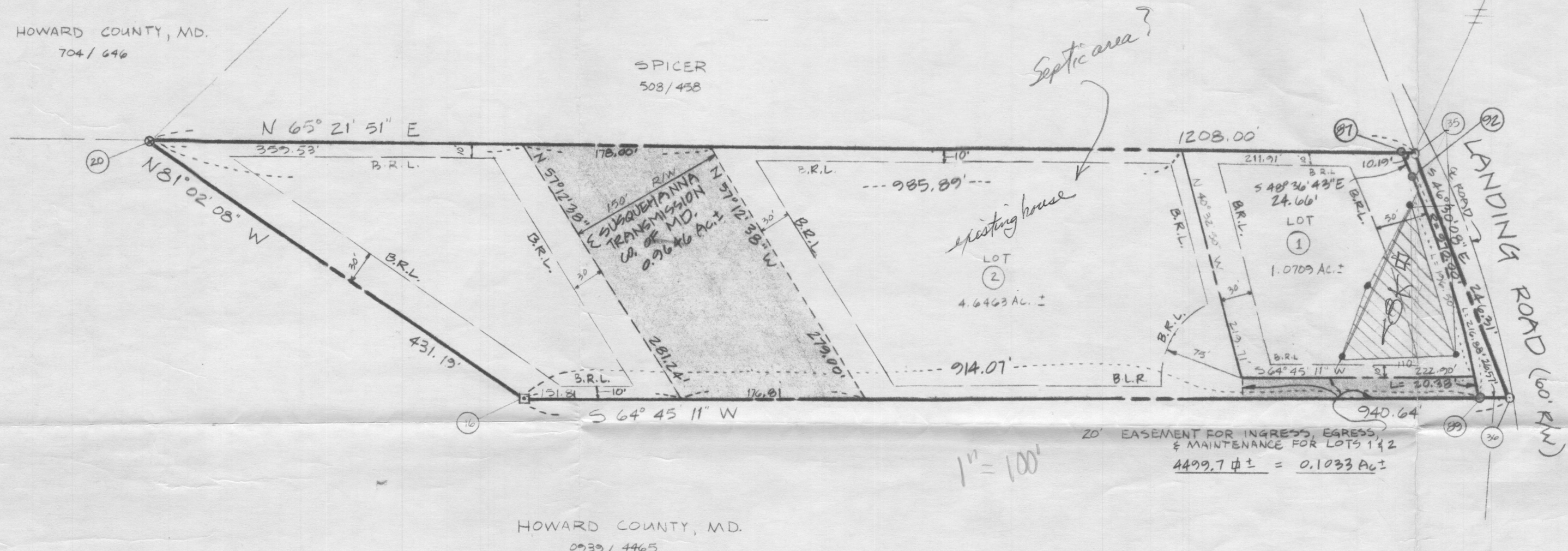
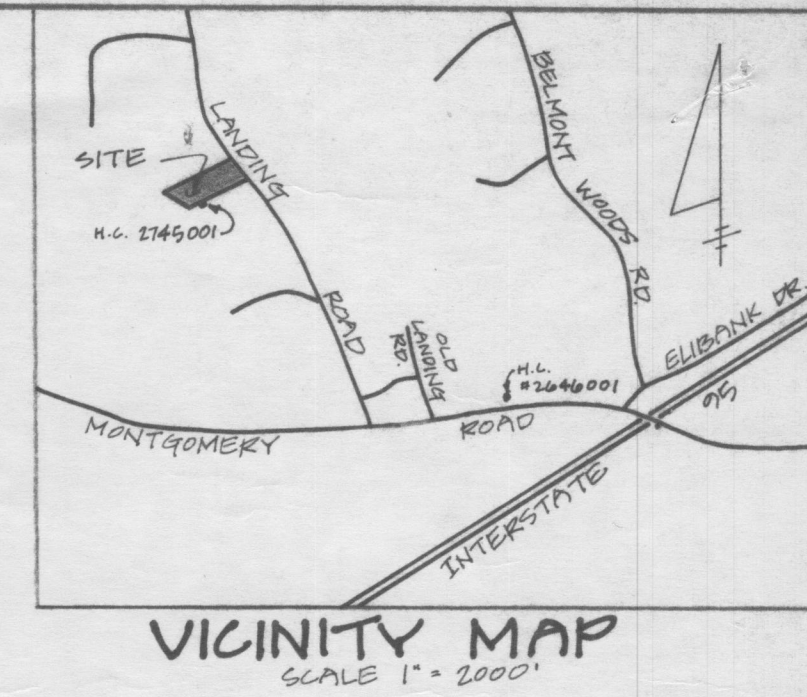
1ST ELECTION DISTRICT HOWARD COUNTY, MD. TAX MAP 31 PARCEL 237 SCALE: 1" = 100' DATE: 4/14/89 SHEET 1 OF 1 WP-89-97

F-89-193 B-4-17

WP-89-152

COORDINATE VALUES		
POINT	NORTH	SOUTH
16	504176.805	868775.898
20	504243.993	868569.776
35	504747.547	867668.018
36	504578.008	867846.687
87	504566.476	867822.698
87	504743.299	867658.756
92	504726.995	867677.257

CURVE DATA					
FROM - TO	RADIUS	Δ	LENGTH	TANGENT	CHORD
92 - 89	970.00'	12°40'39"	216.88'	108.90'	S 42°12'23.5" E 216.43'



- GENERAL NOTES**
- SUBJECT PROPERTY ZONED 'R-20' PER 0/2/05 COMPREHENSIVE ZONING PLAN.
 - 'B.R.L.' DESIGNATES 'BUILDING RESTRICTION LINE'.
 - MARYLAND STATE GRID SYSTEM COORDINATE VALUES BASED ON HOWARD COUNTY TRAVERSE POINTS 2745001 & 2646001
 - DESIGNATES IRON PIPE OR IRON BAR
⊗ DESIGNATES 42' POPLAR TREE
□ DESIGNATES CONCRETE MONUMENT
 - PLAT SUBJECT TO WP 89-97. WP-89-97 ALLOWS DIRECT DRIVEWAY ACCESS TO A MINOR COLLECTOR ROAD (LANDING ROAD).
 - FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND THE ROAD RIGHT-OF-WAY, AND NOT TO THE FLAG OR PIPESTEM LOT DRIVEWAY.
 - DRIVEWAY WITHIN EASEMENT FOR INGRESS, EGRESS & MAINTENANCE TO BE PRIVATELY MAINTAINED.
 - THERE IS AN EXISTING HOUSE ON LOT 2.
 - ▨ THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 # AS REQUIRED BY THE MD. STATE DEPT. OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
 - THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MD. STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
 - THERE ARE NO WETLANDS ON THIS PROPERTY.

TABULATION OF FINAL PLAT

TOTAL NO. OF LOTS AND/OR PARCELS TO BE RECORDED: 2
 TOTAL AREA OF LOTS AND/OR PARCELS: 5.7172 AC.
 TOTAL AREA OF ROADWAYS TO BE RECORDED INCLUDING WIDENING STRIPS: 0.0699 AC.
 TOTAL AREA OF SUBDIVISION TO BE RECORDED: 5.7871 AC.

LOT NO.	GROSS AREA OF LOT	AREA OF PIPESTEM	AREA OF SLOPES 25% OR GREATER	NET AREA
1	1.0709 AC.	0	0	1.0709 AC.
2	4.6453 AC.	0.1033 AC.	0	4.5420 AC.

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS.

 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.

 DIRECTOR DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS & PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.

 DIRECTOR DATE

OWNER'S CERTIFICATE

I, JOSEPH L. DAVIS, OWNER OF THE PROPERTY DESCRIBED HEREON, HEREBY ADOPTED THIS PLAN OF SUBDIVISION AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT, UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS, (1) THE RIGHT TO LAY, CONSTRUCT, AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES, IN AND UNDER ALL ROADS AND STREET RIGHT-OF-WAYS AND THE SPECIFIC EASEMENT SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS, AND FLOOD PLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOOD PLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE; (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE; AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHT-OF-WAYS. WITNESS MY/OUR HANDS THIS _____ DAY OF _____

Joe Davis 4/10/89 DATE
 JOSEPH L. DAVIS

W. L. Lane 4/10/89 DATE
 WITNESS

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF ALL OF THE LANDS CONVEYED BY SHIRLEY DAVIS TO JOSEPH L. DAVIS BY DEED DATED NOVEMBER 1, 1982 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MD. IN LIBER 1126 AND THAT ALL MONUMENTS ARE IN PLACE PRIOR TO THE ACCEPTANCE OF THE SUBDIVISION BY HOWARD COUNTY AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.

G. Scott Shanabarger 4/10/89 DATE
 G. SCOTT SHANABARGER #10849
 PROFESSIONAL LAND SURVEYOR

SHANABERGER & LANE

8726 TOWN & COUNTRY BLVD.
 SUITES 100-7
 ELICOTT CITY, MD. 21043
 (301) 461-7563

FINAL PLAT

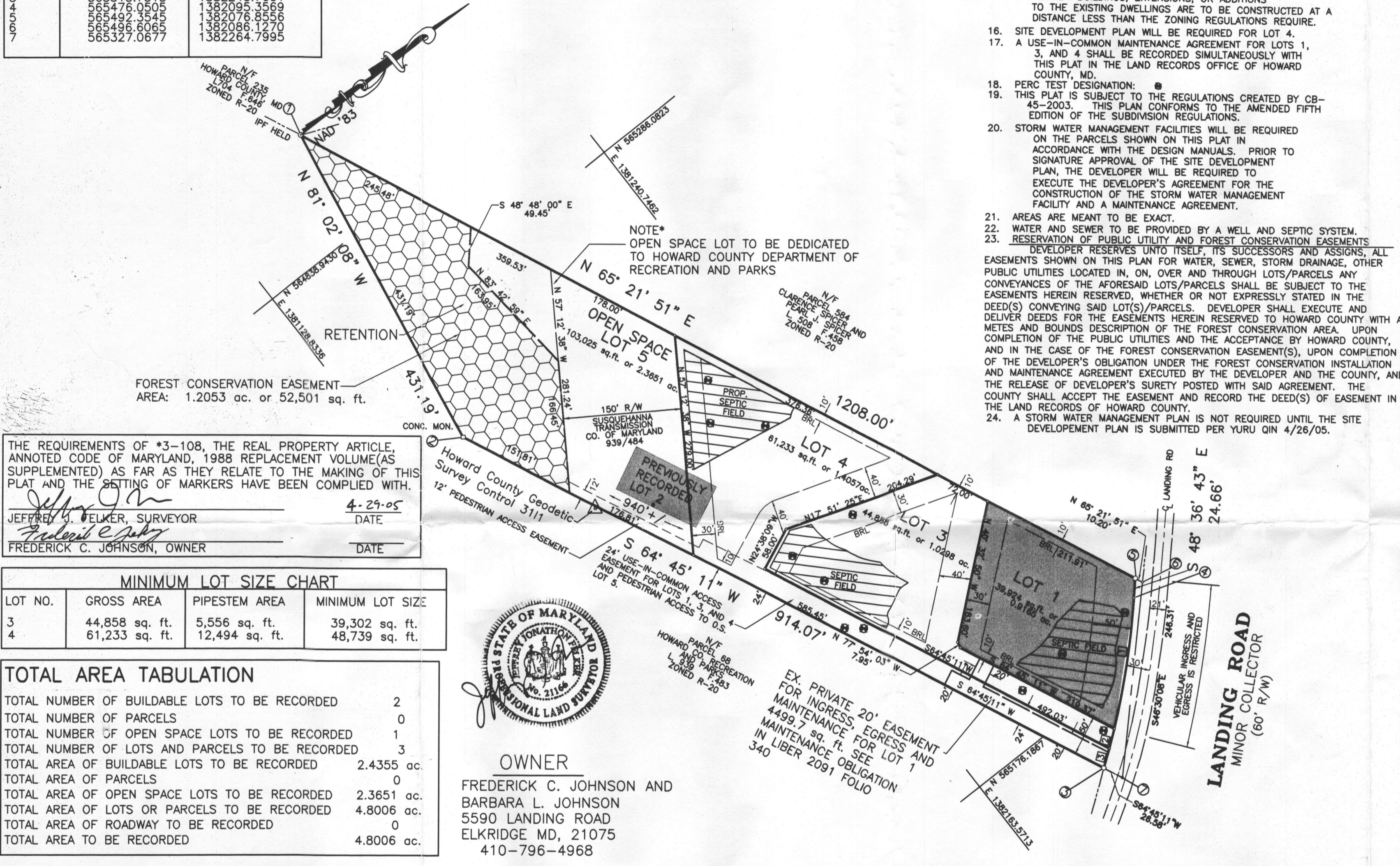
DAVIS SUBDIVISION
 LOTS 1 & 2

1ST ELECTION DISTRICT
 HOWARD COUNTY, MD.
 TAX MAP 31 PARCEL 237
 SCALE: 1" = 100'
 DATE: FEBRUARY 23, 1989
 SHEET 1 OF 1
 WP-89-97

CURVE DATA					
CURVE NO.	RADIUS	DELTA	ARC	TANGENT	CHORD
1	970.00	09°47'32"	165.76'	83.08'	S 43° 43' 03" E 165.56'
2	970.00	01°30'53"	25.64'	12.82'	S 38° 03' 51" E 25.64'
3	970.00	01°30'53"	25.50'	12.75'	S 36° 32' 51" E 25.49'

COORDINATE LIST NAD '83		
NO.	NORTH	EAST
1	64993.0418	1380988.0964
2	64925.8560	1381414.0183
3	65315.7313	1382240.7801
4	65476.0505	1382095.3569
5	65492.3545	1382076.8556
6	65496.6065	1382086.1270
7	65327.0677	1382264.7995

NOTE* THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQUARE FEET (OR 10,000 SQUARE FEET PER LOT FOR SHARED DRAIN FIELDS ASSOCIATED WITH A SHARED SEWAGE DISPOSAL FACILITY) AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL (COMAR 26.04.03). IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.



THE REQUIREMENTS OF *3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

JEFFREY J. FELKER, SURVEYOR
DATE 4-29-05

FREDERICK C. JOHNSON, OWNER
DATE

MINIMUM LOT SIZE CHART			
LOT NO.	GROSS AREA	PIPESTEM AREA	MINIMUM LOT SIZE
3	44,858 sq. ft.	5,556 sq. ft.	39,302 sq. ft.
4	61,233 sq. ft.	12,494 sq. ft.	48,739 sq. ft.

TOTAL AREA TABULATION	
TOTAL NUMBER OF BUILDABLE LOTS TO BE RECORDED	2
TOTAL NUMBER OF PARCELS	0
TOTAL NUMBER OF OPEN SPACE LOTS TO BE RECORDED	1
TOTAL NUMBER OF LOTS AND PARCELS TO BE RECORDED	3
TOTAL AREA OF BUILDABLE LOTS TO BE RECORDED	2.4355 ac.
TOTAL AREA OF PARCELS	0
TOTAL AREA OF OPEN SPACE LOTS TO BE RECORDED	2.3651 ac.
TOTAL AREA OF LOTS OR PARCELS TO BE RECORDED	4.8006 ac.
TOTAL AREA OF ROADWAY TO BE RECORDED	0
TOTAL AREA TO BE RECORDED	4.8006 ac.



OWNER
FREDERICK C. JOHNSON AND
BARBARA L. JOHNSON
5590 LANDING ROAD
ELK RIDGE MD, 21075
410-796-4968

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

HOWARD COUNTY HEALTH OFFICER _____ DATE _____

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION _____ DATE _____

DIRECTOR _____ DATE _____

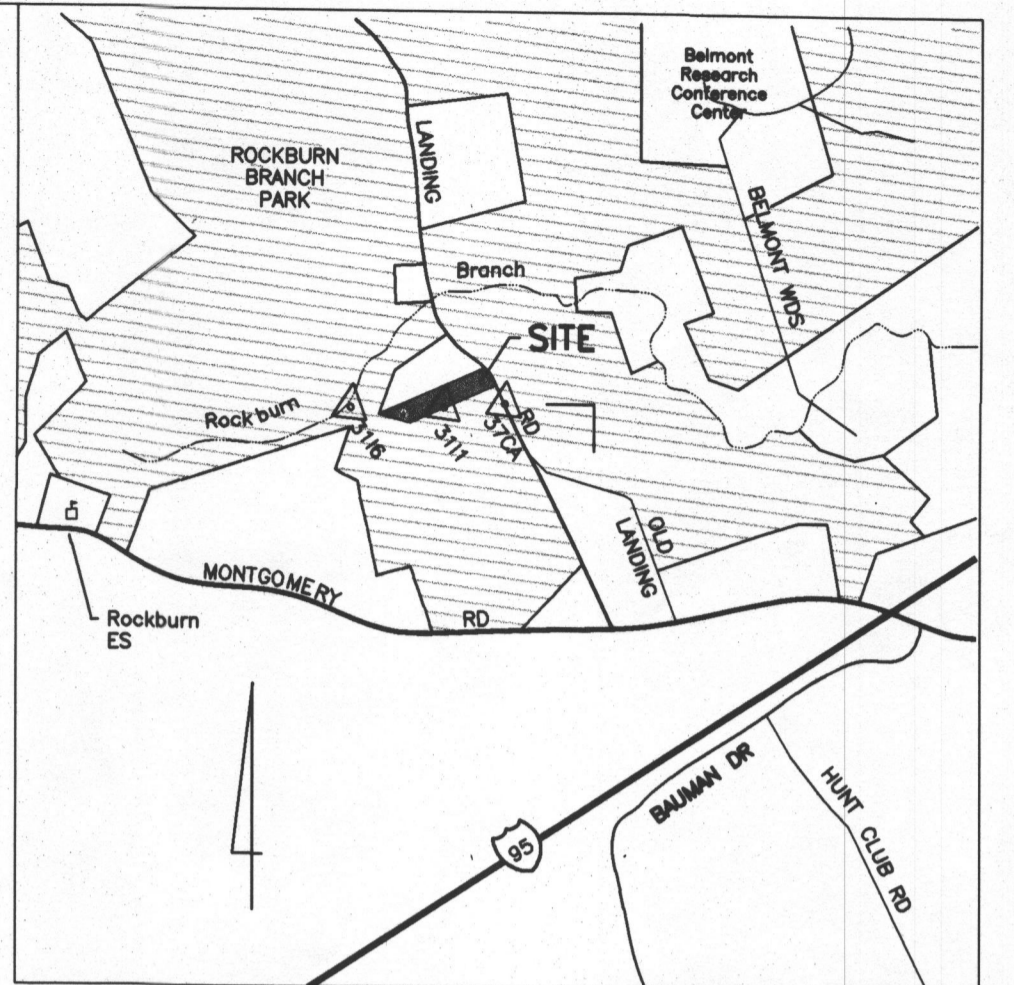
OWNER'S STATEMENT

WE, FREDERICK C. JOHNSON AND BARBARA L. JOHNSON, HUSBAND AND WIFE, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS, 1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES IN AND UNDER ALL ROADS AND STREET RIGHTS-OF-WAY AND THE SPECIFIC EASEMENTS SHOWN HEREON, 2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE, 3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAY AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THE CONSTRUCTION, REPAIR AND MAINTENANCE, AND 4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENT AND RIGHTS-OF-WAY.

WITNESS MY HAND THIS _____ DAY OF 2005
FREDERICK C. JOHNSON
BARBARA L. JOHNSON

GENERAL NOTES CONTINUED

- ON LOT 4 IN THE AMOUNT OF \$ _____ IS DEFERRED UNTIL GRADING PERMIT APPLICATION AFTER SITE DEVELOPMENT PLAN APPROVAL. LOTS 1 AND 3 ARE EXEMPT SINCE THEY HAVE EXISTING RESIDENCES WHICH ARE TO REMAIN.
- FOREST CONSERVATION OBLIGATIONS IN ACCORDANCE WITH SECTION 16.1202 OF THE HOWARD COUNTY CODE AND FOREST CONSERVATION MANUAL SHALL BE FULFILLED BY THE PLACEMENT OF 1.13 ACRES OF EXISTING FOREST INTO A RETENTION EASEMENT WHICH MEETS THE BREAK EVEN POINT FOR THIS SITE.
- THERE ARE EXISTING DWELLINGS LOCATED ON LOTS 1 AND 3 (PREVIOUS LOT 2) TO REMAIN. NO NEW BUILDINGS, EXTENSIONS, OR ADDITIONS TO THE EXISTING DWELLINGS ARE TO BE CONSTRUCTED AT A DISTANCE LESS THAN THE ZONING REGULATIONS REQUIRE.
- SITE DEVELOPMENT PLAN WILL BE REQUIRED FOR LOT 4.
- A USE-IN-COMMON MAINTENANCE AGREEMENT FOR LOTS 1, 3, AND 4 SHALL BE RECORDED SIMULTANEOUSLY WITH THIS PLAT IN THE LAND RECORDS OFFICE OF HOWARD COUNTY, MD.
- PERC TEST DESIGNATION: _____
- THIS PLAT IS SUBJECT TO THE REGULATIONS CREATED BY CB-45-2003. THIS PLAN CONFORMS TO THE AMENDED FIFTH EDITION OF THE SUBDIVISION REGULATIONS.
- STORM WATER MANAGEMENT FACILITIES WILL BE REQUIRED ON THE PARCELS SHOWN ON THIS PLAT IN ACCORDANCE WITH THE DESIGN MANUALS. PRIOR TO SIGNATURE APPROVAL OF THE SITE DEVELOPMENT PLAN, THE DEVELOPER WILL BE REQUIRED TO EXECUTE THE DEVELOPER'S AGREEMENT FOR THE CONSTRUCTION OF THE STORM WATER MANAGEMENT FACILITY AND A MAINTENANCE AGREEMENT.
- AREAS ARE MEANT TO BE EXACT.
- WATER AND SEWER TO BE PROVIDED BY A WELL AND SEPTIC SYSTEM.
- RESERVATION OF PUBLIC UTILITY AND FOREST CONSERVATION EASEMENTS DEVELOPER RESERVES UNTO ITSELF, ITS SUCCESSORS AND ASSIGNS, ALL EASEMENTS SHOWN ON THIS PLAN FOR WATER, SEWER, STORM DRAINAGE, OTHER PUBLIC UTILITIES LOCATED IN, ON, OVER AND THROUGH LOTS/PARCELS ANY CONVEYANCES OF THE AFORESAID LOTS/PARCELS SHALL BE SUBJECT TO THE DEED(S) CONVEYING SAID LOT(S)/PARCELS. DEVELOPER SHALL EXECUTE AND DELIVER DEEDS FOR THE EASEMENTS HEREIN RESERVED TO HOWARD COUNTY WITH METES AND BOUNDS DESCRIPTION OF THE FOREST CONSERVATION AREA. UPON COMPLETION OF THE PUBLIC UTILITIES AND THE ACCEPTANCE BY HOWARD COUNTY, AND IN THE CASE OF THE FOREST CONSERVATION EASEMENT(S), UPON COMPLETION OF THE DEVELOPER'S OBLIGATION UNDER THE FOREST CONSERVATION INSTALLATION AND MAINTENANCE AGREEMENT EXECUTED BY THE DEVELOPER AND THE COUNTY, AND THE RELEASE OF DEVELOPER'S SURETY POSTED WITH SAID AGREEMENT, THE COUNTY SHALL ACCEPT THE EASEMENT AND RECORD THE DEED(S) OF EASEMENT IN THE LAND RECORDS OF HOWARD COUNTY.
- A STORM WATER MANAGEMENT PLAN IS NOT REQUIRED UNTIL THE SITE DEVELOPEMENT PLAN IS SUBMITTED PER YURU QIN 4/26/05.



VICINITY MAP GENERAL NOTES

- TAX MAP: 31, PARCEL: 237
- SUBJECT PROPERTY ZONED: R-20 PER THE 02/02/04 COMPREHENSIVE ZONING PLAN.
- THIS PLAT IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED JANUARY 2004, BY LANDESIGN, INC.
- COORDINATES BASED ON NAD '83, MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 3111 AND NO. 3116.
- PREVIOUS PLAT SUBJECT TO WP 89-97, SECTION WAIVED - 16.113.F.7. WAIVER APPROVED MARCH 9, 1989. WP 89-97 ALLOWS DIRECT DRIVEWAY ACCESS TO A MINOR COLLECTOR ROAD (LANDING ROAD).
- IF DENOTES AN IRON PIPE OR IRON BAR
□ DENOTES A CONCRETE MONUMENT
— BRL DENOTES A BUILDING RESTRICTION LINE
- SURVEY WORK AND DOCUMENTS ARE TO BE PERFORMED IN CONFORMANCE WITH SUBTITLE 13, BOARD OF PROFESSIONAL LAND SURVEYORS, 09.13.06 STATE OF MARYLAND MINIMUM STANDARDS OF PROFESSIONAL PRACTICE.
- NO BURIAL GROUNDS OR CEMETERIES EXIST ON-SITE.
- NO HISTORIC DISTRICTS ARE ON OR ADJACENT TO THIS SITE. SITE IS NOT ADJACENT TO A DESIGNATED SCENIC ROAD.
- AN ENVIRONMENTAL STUDY WAS PERFORMED IN JANUARY, 2005 BY MCCARTHY AND ASSOC. THERE ARE NO WETLANDS ON THE SITE.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
1) WIDTH - 12' (14' SERVING MORE THAN 1 RESIDENCE-16' PROV.);
2) SURFACE - 6" OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING (1-1/2" MIN.);
3) GEOMETRY - MAX. 15% GRADE, MAX. 10% GRADE CHANGE AND MIN. 45' TURNING RADIUS;
4) STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING);
5) DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 1 FOOT DEP:H OVER DRIVEWAY SURFACE;
6) MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.
- FOR THE FLAG OF PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND ROAD RIGHT-OF-WAY LINE ONLY AND NOT ONTO THE FLAG OR PIPESTEM LOT DRIVEWAY.
- LANDSCAPING FOR LOT 4 IS PROVIDED IN ACCORDANCE WITH A CERTIFIED LANDSCAPE PLAN ON FILE WITH THIS PLAT IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL. POSTING OF LANDSCAPE SURETY FOR _____ SHADE TREES

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT THAT THIS SUBDIVISION OF THE LAND CONVEYED BY CARROLL WM. WILSON AND GLORIA JEAN WILSON TO FREDERICK C. JOHNSON AND BARBARA L. JOHNSON BY DEED DATED APRIL 29TH, 1998 AND RECORDED AMONG LAND RECORDS OF HOWARD COUNTY, MARYLAND AND THAT ALL MONUMENTS ARE IN PLACE OR WILL BE IN PLACE PRIOR TO ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND AS AMENDED, AND THE BOUNDARY SURVEY IS IN ACCORDANCE WITH THE HOWARD COUNTY SUBDIVISION REGULATIONS.

JEFFREY J. FELKER
NO. 21166
DATE 4-29-05

PURPOSE NOTE: THE PURPOSE OF THIS PLAN IS TO SUBDIVIDE LOT 2 INTO NEW LOTS 3, 4, & OPEN SPACE LOT 5.
RECORDED AS PLAT ON _____ AMONG THE LAND RECORDS OF HOWARD COUNTY, MD

HILLTOP ACRES
LOTS 3, 4, AND OPEN SPACE LOT 5
A RESUBDIVISION OF LOT 2
JOE DAVIS SUBDIVISION-PREVIOUS PLAT # F-89-193
EX. ZONING R-20 GRID 24 SHEET 1 OF 1
TAX MAP 31 FIRST ELECTION DISTRICT SCALE: 1" = 100"
PARCEL 237 HOWARD COUNTY MARYLAND DATE: JAN, 2005
WP 89-97 F-89-193 (PREVIOUS PLAT NUMBER)

Landesign
ENGINEERS * SURVEYORS * PLANNERS
2905 MITCHELLVILLE ROAD SUITE NO. 111
BOWIE, MARYLAND 20716
(301) 249-8802

3-7-90,

Request well site
map. site to be 70'
off right side & 20' from
back as shown on attached
plan - well appl. attached.

LOT. 7

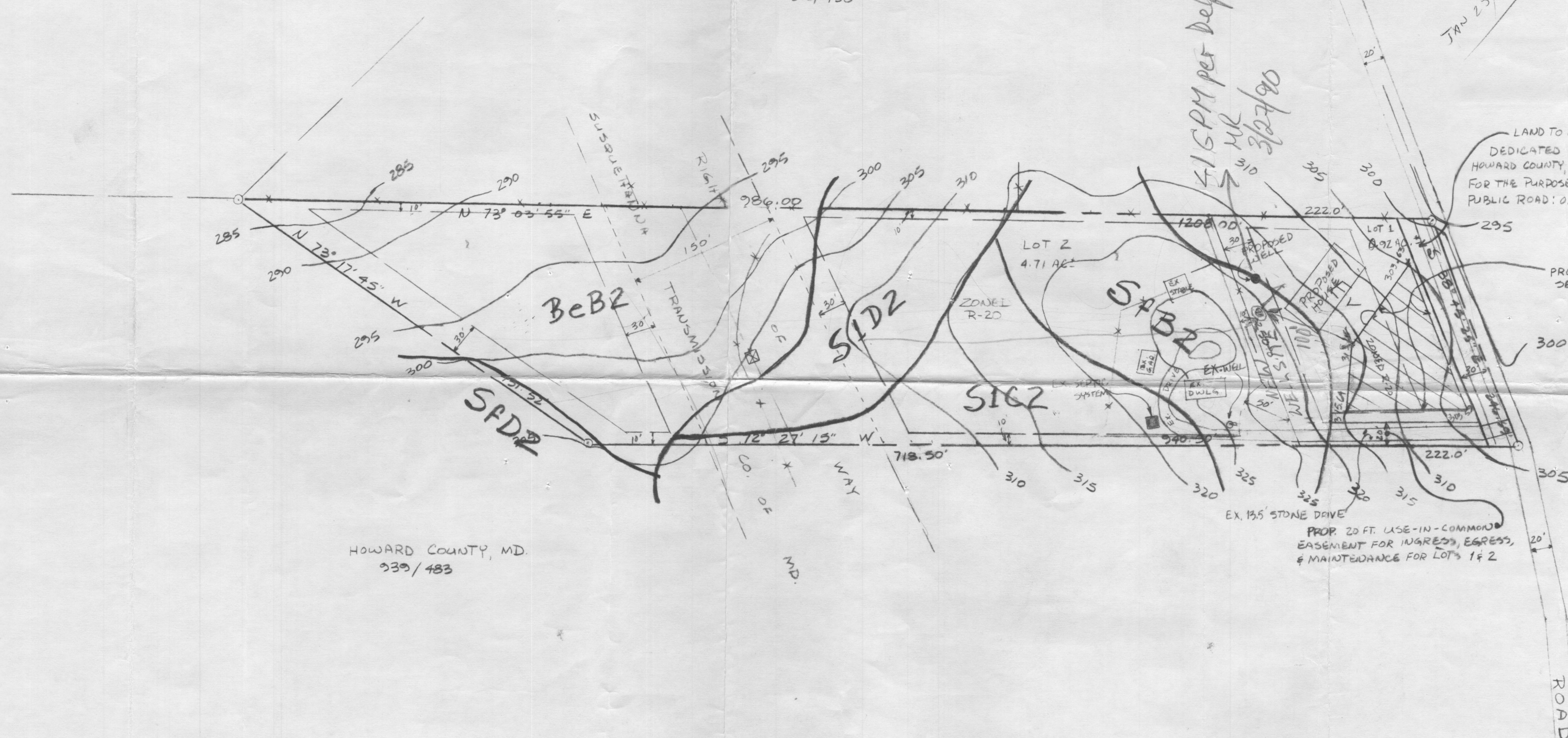
F.F.

HOWARD COUNTY, MD.
704 / 696

CLARENCE SPICER &
PEARL J. SPICER
508 / 458

- ☐ PROPOSED 10,000 # PRIVATE SEWAGE TREATMENT
- PROPOSED PERC TEST

JAN 25 1989



HOWARD COUNTY, MD.
939 / 483



Gregory Scott Shanaberger

SHANABERGER & LANE

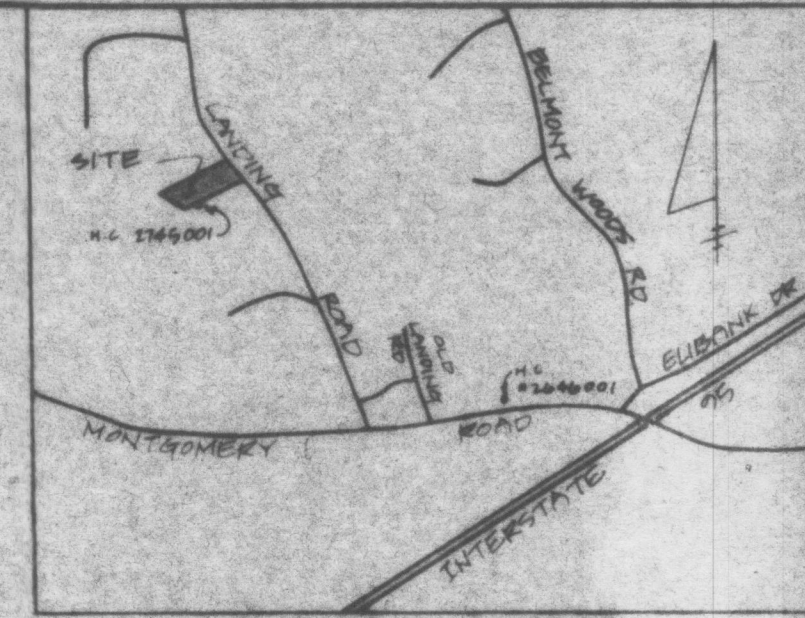
8726 TOWN & COUNTRY BLVD.
SUITES 100-7
ELLICOTT CITY, MD. 21043
(301) 461-9363

**PERC TEST PLAT AND VARIANCE PLAT
DAVIS SUBDIVISION, LOTS 1 & 2**

1ST ELECTION DISTRICT
HOWARD COUNTY, MD.
SCALE: 1" = 100'
DATE: 12/28/88
REVISION: 1/11/89

POINT	NORTH	EAST
16	504176.805	868795.898
20	504243.993	868767.976
35	504747.547	867668.018
36	504578.008	867866.689
89	504566.676	867822.698
87	504743.299	867658.756
92	504726.995	869677.257

FROM - TO	RADIUS	Δ	LENGTH	TANGENT	CHORD
92 - 89	970.00'	12°48'39"	216.80'	108.90'	S 42°12'29.5" E 216.49'



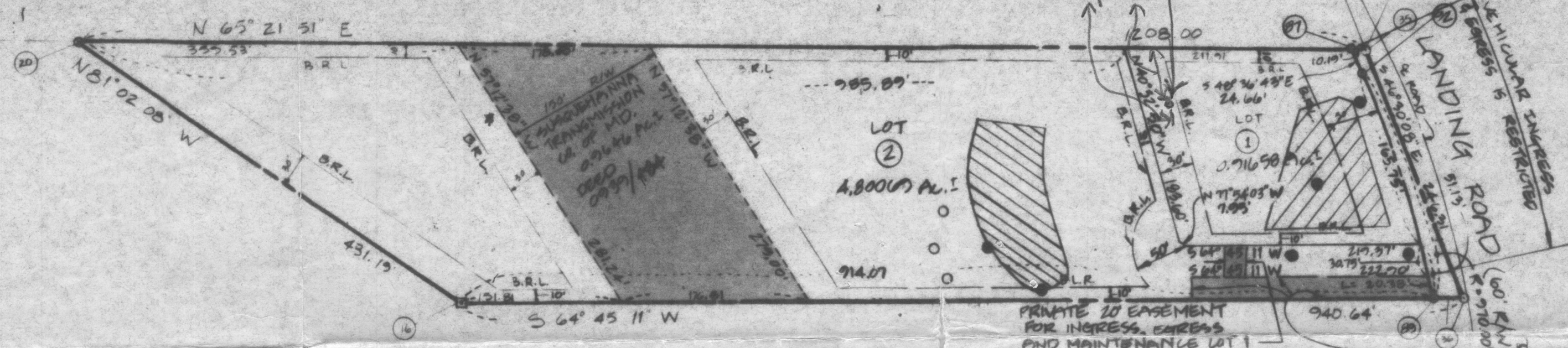
VICINITY MAP
SCALE 1" = 2000'

GENERAL NOTES

- SUBJECT PROPERTY ZONED R-20 PER 8/2/85 COMPREHENSIVE ZONING PLAN.
- B.R.L. DESIGNATES BUILDING RESTRICTION LINE.
- MARYLAND STATE GRID SYSTEM COORDINATE VALUES BASED ON HOWARD COUNTY TRAVERSE POINTS 2745001 & 2646001.
- DESIGNATES IRON PIPE OR IRON BAR
⊗ DESIGNATES 42 POPLAR TREE
□ DESIGNATES CONCRETE MONUMENT
- PLAT SUBJECT TO WP 89-97. SECTION WAIVED - 16.113.F.7. WAIVER APPROVED MARCH 9, 1989. WP 89-97 ALLOWS DIRECT DRIVEWAY ACCESS TO A MINOR COLLECTOR ROAD (LANDING ROAD).
- FOR FLAG OR PIPESTEM LOTS REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND THE ROAD RIGHT-OF-WAY, AND NOT TO THE FLAG OR PIPESTEM LOT DRIVEWAY.
- DRIVEWAY WITHIN EASEMENT FOR INGRESS, EGRESS & MAINTENANCE TO BE PRIVATELY MAINTAINED. SEE DECLARATION OF MAINTENANCE OBLIGATION IN LIBER.
- THERE IS AN EXISTING HOUSE ON LOT 2.
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 G.P.D. AS REQUIRED BY THE MD. STATE DEPT. OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
- THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH & LOT AREA AS REQUIRED BY THE MD. STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
- THERE ARE NO WETLANDS ON THIS PROPERTY.

HOWARD COUNTY, MD.
704 / 646

SPICER
508 / 458



PRIVATE 20' EASEMENT FOR INGRESS, EGRESS AND MAINTENANCE LOT 1

PRIVATE 20' EASEMENT FOR INGRESS, EGRESS AND MAINTENANCE FOR LOTS 1 & 2
4499.7 sq. ft. = 0.1033 Ac. SEE MAINT. OBLIGATION IN LIBER.

GENERAL NOTES (CONT.)

- 10,000 G.P.D. PRIVATE SEWAGE EMT. ON LOT 2 IS APPROVED ONLY FOR USE WITH EXISTING HOUSE ON LOT 2. IF EXISTING HOUSE IS TO BE RAZED AND A NEW HOUSE IS TO BE CONSTRUCTED, FURTHER PERC TESTING MUST BE PERFORMED SUCCESSFULLY BEFORE HEALTH DEPT. APPROVAL IS GRANTED FOR CONSTRUCTION OF A NEW HOUSE.
- THE 2 SUCCESSFUL PERC TESTS ON LOT 2 ARE FOR DRYWELL REPAIR ONLY.
- DESIGNATES SUCCESSFUL PERC TEST.
○ DESIGNATES FAILED PERC TEST.

HOWARD COUNTY MD.
0939 / 4465

TABULATION OF FINAL PLAT

TOTAL NO. OF LOTS AND/OR PARCELS TO BE RECORDED: 2
 TOTAL AREA OF LOTS AND/OR PARCELS: 9.7127 Ac.
 TOTAL AREA OF ROADWAYS TO BE RECORDED INCLUDING WIDENING STRIPS: 0.00987 Ac.
 TOTAL AREA OF SUBDIVISION TO BE RECORDED: 9.72257 Ac.

LOT NO.	GROSS AREA OF LOT	AREA OF PIPESTEM	AREA OF SLOPES 25% OR GREATER	NET AREA
1	1,0709 Ac.	0	0	1,0709 Ac.
2	4,6453 Ac.	0.1033 Ac.	0	4,5420 Ac.

sent for signature 12-20-89

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWER SYSTEMS.

COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING.

DIRECTOR DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS & PUBLIC ROADS.

HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
DIRECTOR DATE

OWNER'S CERTIFICATE

I, JOSEPH L. DAVIS, OWNER OF THE PROPERTY DESCRIBED HEREON, HEREBY ADOPTED THIS PLAN OF SUBDIVISION AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS, (1) THE RIGHT TO LAY, CONSTRUCT, AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES IN AND UNDER ALL ROADS AND STREET RIGHT-OF-WAYS AND THE SPECIFIC EASEMENT SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS, AND FLOOD PLAINS AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOOD PLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE; (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE; AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERECTED ON OR OVER THE SAID EASEMENTS AND RIGHT-OF-WAYS. WITNESS MY/OUR HANDS THIS 10TH DAY OF APRIL 1989.

JOSEPH L. DAVIS DATE WITNESS DATE

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A SUBDIVISION OF ALL OF THE LANDS CONVEYED BY SHIRLEY DAVIS TO JOSEPH L. DAVIS BY DEED DATED NOVEMBER 1, 1982 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MD. IN LIBER 1126 AND THAT ALL MONUMENTS ARE IN PLACE PRIOR TO THE ACCEPTANCE OF THE SUBDIVISION BY HOWARD COUNTY, MARYLAND, AS SHOWN IN ACCORDANCE WITH THE SURVEYING AND MAPPING CODE OF MARYLAND, AS AMENDED.

Scott Shanaberger
G. Scott Shanaberger DATE

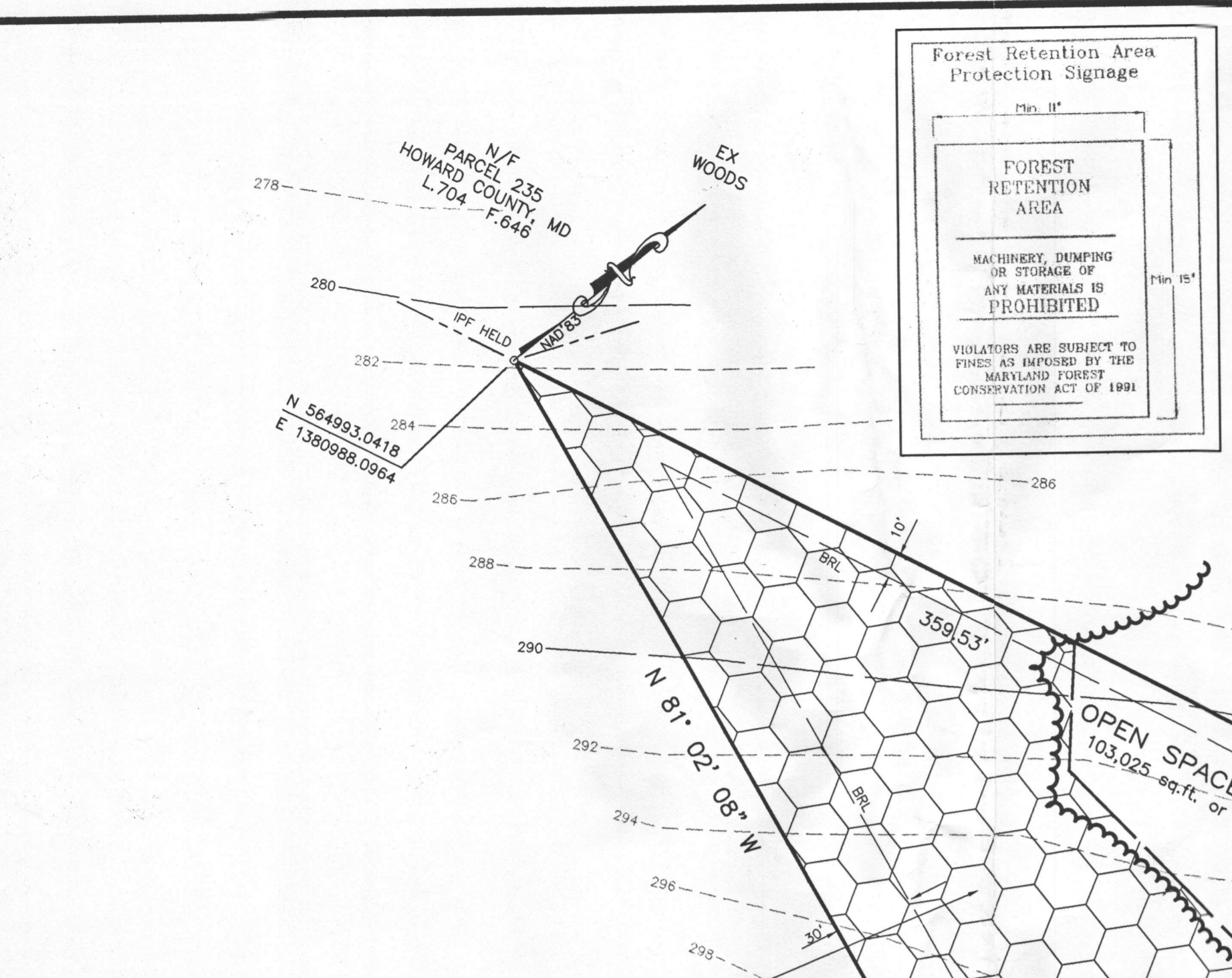
SHANABERGER & LANE

8726 TOWNE COUNTRY BLVD.
SUITE 106-T
ELICOTT CITY, MD. 21043
(301) 491-9563

FINAL PLAT

DAVIS SUBDIVISION
LOTS 1 & 2

1ST ELECTION DISTRICT
HOWARD COUNTY, MD.
TAX MAP 31 PARCEL 237
SCALE: 1" = 100'
DATE: FEBRUARY 23, 1989
SHEET 1 OF 1
WF-89-97



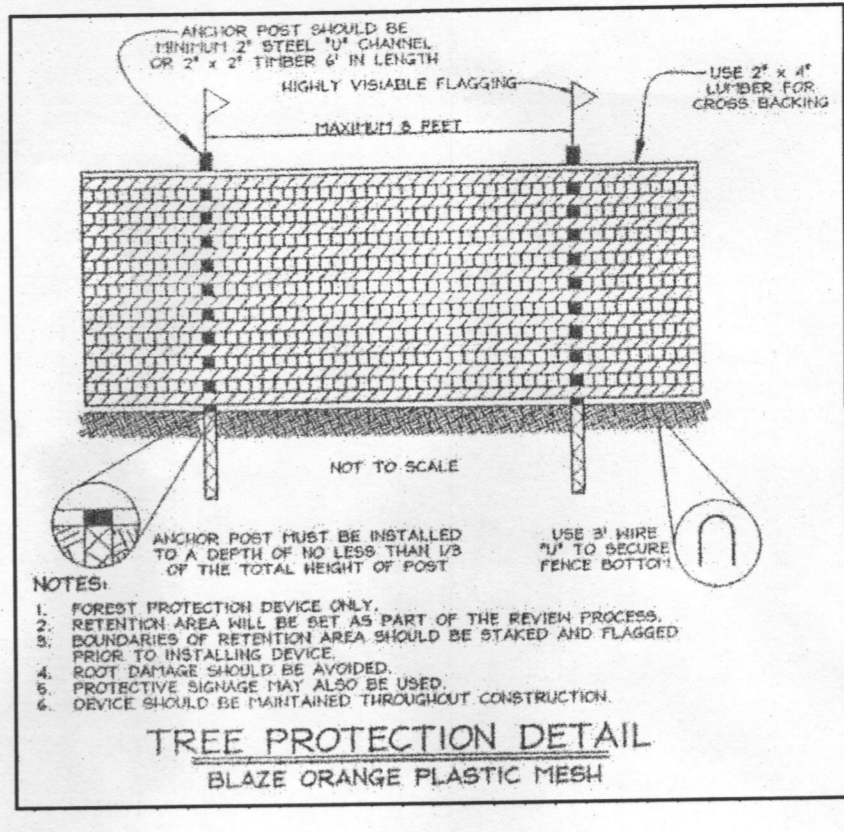
Forest Tree Protection and Management Notes

- Tree protection devices shall be installed prior to any grading or land clearing.
- After the boundaries of the retention area have been staked and flagged and before any disturbance has taken place a pre-construction meeting with the Howard County Inspector is required.
- Provide maintenance to tree protection devices and signage to maintain their integrity throughout the duration of the project.
- Attachment of signs to tree protection devices to maintain their integrity throughout the duration of the project.
- Any significant changes made to the Forest Conservation Plan shall be made with the prior approval of the Howard County Dept. of Planning and Zoning.
- No burial of discarded material is permitted within the Forest Conservation and Planting areas.
- No open burning within 100 feet of wooded areas is permitted.
- Foot construction phase.
 - Inspect existing trees around the perimeter of the site for signs of root rot or trunk damage and excessive soil compaction.
 - Remove dead or dying trees and evaluate for hazard tree removal.
 - Remove stumps or stumps shall be removed after construction.
 - Following completion of construction, prior to use, the county inspector shall inspect the entire site for compliance with this Forest Conservation Plan.

* A licensed Arborist or Forester should be retained for this service as needed.

Soil Protection Zone Notes

- The Soil Protection Zone shall include all areas contained inside the Limit of Disturbance.
- Where possible, the Soil Protection Zone shall extend to the drip line of specimen trees. For other groups of trees, the zone shall be the drip line or 40% of the height of the tree, whichever is greater.
- No construction activity is permitted within the Soil Protection Zone.
- If soil has been compacted or grading has taken place in the vicinity of the Soil Protection Zone, root pruning shall be implemented per Root Pruning detail, shown on this plan.
- Root pruning shall occur prior to the beginning of construction.
- Where the Soil Protection Zone must encroach inside the Critical Root Zone of a tree, soil disturbance shall be mitigated with vertical mulching, radial trenching, or another method approved by the ERI Forest Conservation Professional.
- Prior to construction, the Limits of Disturbance shall be marked and the ERI Professional shall determine which trees will need preventative treatment or removal.
- Tree maintenance and removal shall be undertaken by a qualified MD Tree Expert to ensure damage to surrounding trees is minimized.
- Brush and limbs removed for construction shall be chipped and spread at the edge of the Soil Protection Zone to a depth to exceed 6 inches. This shall occur outside the Soil Protection Zone where compaction could impact otherwise unprotected Critical Root Zone.

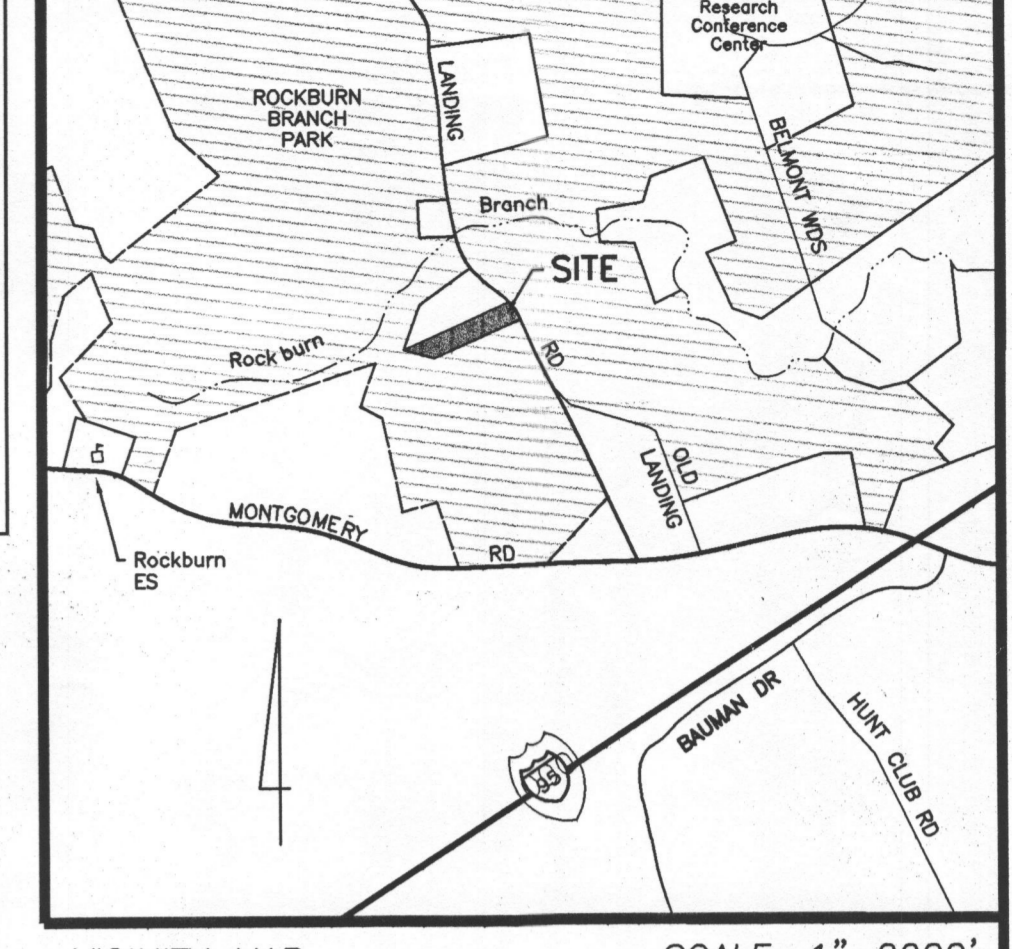


LANDSCAPE SCHEDULE LOT 4

LANDSCAPE TYPE	A
LINEAR FEET OF PERIMETER	2071.0' FLAGSTEM / LOT 1031.0'
NON FLAGSTEM	
CREDIT FOR EXISTING VEGETATION	4
NUMBER OF TREES REQUIRED	16
SHADE TREES EXISTING	0
EVERGREEN TREES	0
TOTAL NUMBER OF TREES PROVIDED/EXISTING	21
SHADE TREES PROVIDED	17
EVERGREEN TREES	0

LANDSCAPING PLANT LIST

QTY	KEY	NAME
17	(Symbol)	SHADE TREES (SEE PAGES 49-50 OF LANDSCAPE MANUAL FOR ALLOWED SPECIES AND SIZE REQUIREMENTS)



FOREST CONSERVATION EASEMENT AREA: 1.21 ACRES

NOTE*
OPEN SPACE LOT TO BE DEDICATED TO HOWARD COUNTY DEPARTMENT OF RECREATION AND PARKS

CURVE DATA

No	Rad	Delta	Arc	Tan	Chord
1	970.00'	09°47'32"	165.76'	83.08'	S 43° 43' 03" E 165.56'
2	970.00'	01°30'53"	25.64'	12.82'	S 38° 03' 51" E 25.64'
3	970.00'	01°30'21"	25.50'	12.75'	S 36° 32' 51" E 25.49'

FOREST CONSERVATION WORKSHEET

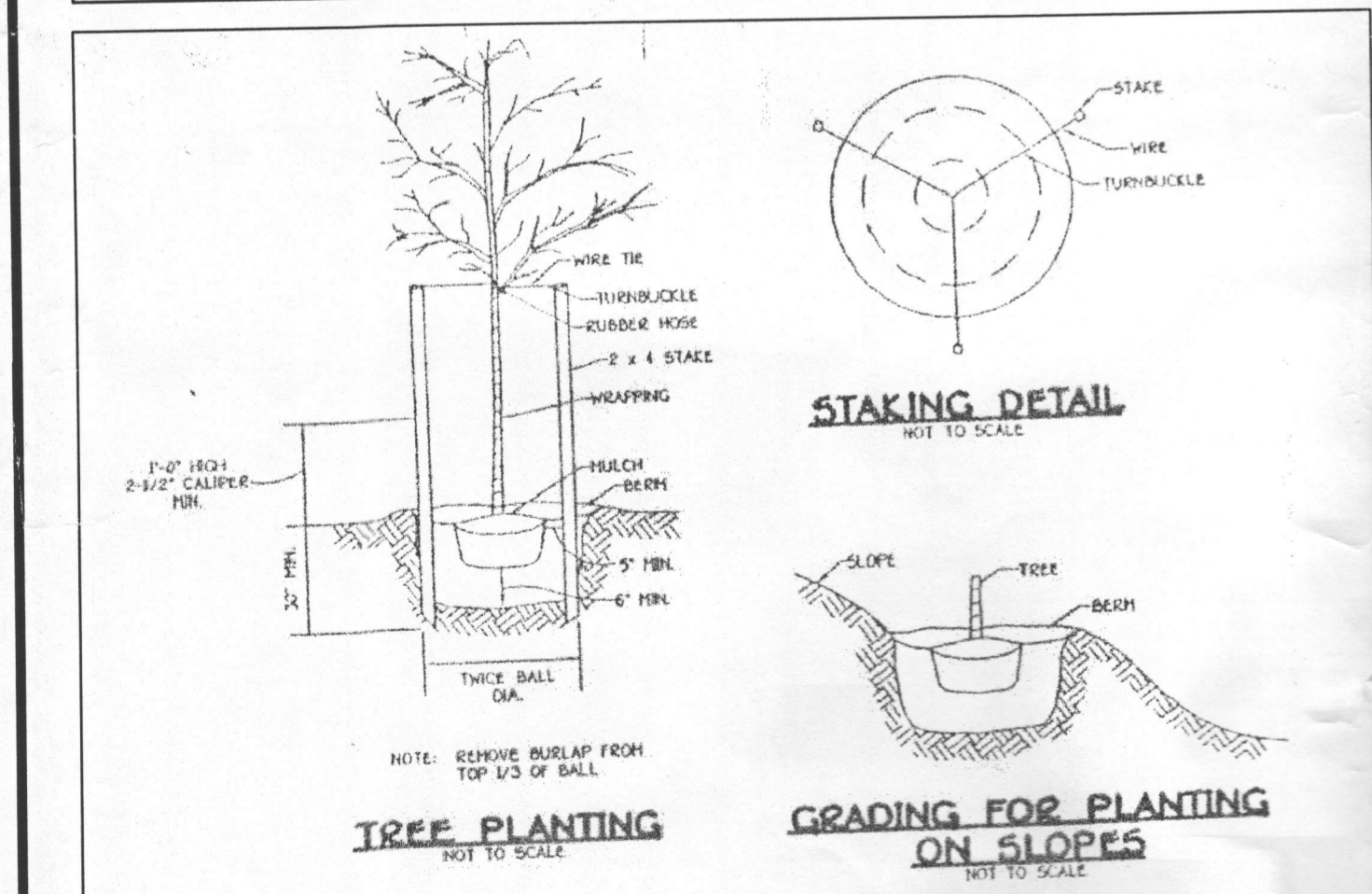
BASIC SITE DATA

GROSS SITE AREA	4.80
AREA WITHIN THE 100 YEAR FLOOD PLAIN	0.00
AREA WITHIN AGRICULTURAL USE OR PRESERVATION PARCEL	N/A
NET TRACT AREA	4.80
LAND USE CATEGORY	MDR

INFORMATION FOR CALCULATIONS

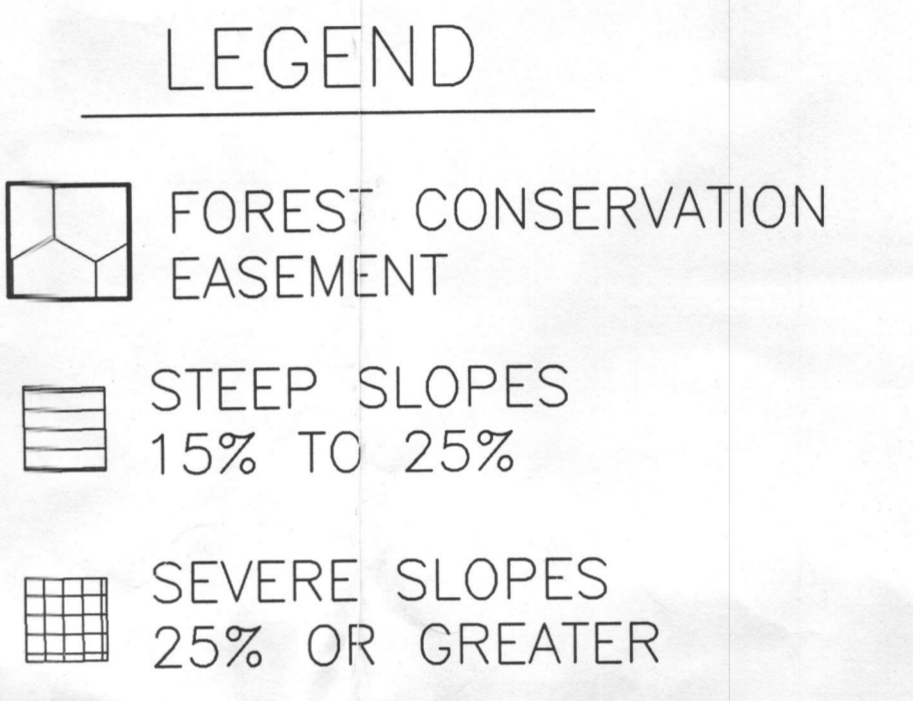
NET TRACT AREA	1.20
REFORESTATION THRESHOLD (25% X 4.80)	0.96
AFFORESTATION MINIMUM (20% X 4.80)	1.13
EXISTING FOREST ON NET TRACT AREA	0.00
FOREST TO BE CLEARED	1.13
FOREST AREAS TO BE RETAINED	1.13

NOTE*
EXISTING FOREST EXCEEDS AFFORESTATION MINIMUM AND NO CLEARING OF EXISTING FOREST RESOURCES IS PROPOSED, NO REFORESTATION IS REQUIRED. NO FURTHER CALCULATIONS ARE NEEDED.



FOREST STAND ANALYSIS TABLE

KEY	TYPE OF COMMUNITY	AREA ACRES	SOIL TYPE	TYPICAL FOREST COVER	WOODLAND SUITABILITY INDEX	HABITAT VALUE	EXISTING VEGETATION (TYPE AND APPROX %)	SIZE AVG.	AGE	GENERAL CONDITIONS ENVIRONMENTS	FOREST AREA IN SENSITIVE
F-1	UPLAND HARDWOODS	1.13	BaB2 BcC2 SfC2 SfD2	MIXED UPLAND HARDWOODS	65-74 65-74 N/A N/A	GOOD GOOD GOOD GOOD	WHITE PINE SCATTERED OAK, CHERRY, ASPEN 1%	6-12 3-12	15-24 10-30	GOOD GOOD	NOTE* NO FOREST RESOURCES WILL BE DISTURBED
L-1	LAWN	3.67	BaB2 BcC2 SfC2 SfD2 EVC	MIXED UPLAND HARDWOODS	65-74 65-74 N/A N/A N/A	GOOD GOOD GOOD FAIR POOR	N/A	N/A	N/A	N/A	STEEP SLOPES



- GENERAL NOTES**
- TAX MAP: 31, PARCEL: 237
 - SUBJECT PROPERTY ZONED: R-20 PER THE 10/18/93 COMPREHENSIVE ZONING PLAN
 - THIS PLAN IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED JANUARY 2004, BY LANDSIGN, INC.
 - MARYLAND STATE GRID SYSTEM COORDINATE VALUES BASED ON HOWARD COUNTY TRAVERSE POINTS 2745001 & 2648001.
 - PLAT SUBJECT TO WP 89-97, SECTION WAIVED - 16.113.F.7. WAIVER APPROVED MARCH 9, 1989. WP 89-97 ALLOWS DIRECT DRIVEWAY ACCESS TO A MINOR COLLECTOR ROAD (LANDING ROAD).
 - IPF DENOTES AN IRON PIPE OR IRON BAR
C DENOTES A CONCRETE MONUMENT
BRL DENOTES A BUILDING RESTRICTION LINE
 - SURVEY WORK AND DOCUMENTS ARE TO BE PERFORMED IN CONFORMANCE WITH SUBTITLE 13, BOARD OF PROFESSIONAL LAND SURVEYORS, §9.13.06 STATE OF MARYLAND MINIMUM STANDARDS OF PROFESSIONAL PRACTICE.
 - NO BURIAL GROUNDS OR CEMETERIES EXIST ON-SITE.
 - NO HISTORIC DISTRICTS ARE ADJACENT TO THIS SITE. SITE IS NOT ADJACENT TO A DESIGNATED SCENIC ROAD.
 - AN ENVIRONMENTAL STUDY WAS PERFORMED IN JANUARY, 2005 BY MCCARTHY AND ASSOC. THEIR ARE NO WETLANDS ON THE SITE.
 - DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:
1) WIDTH - 12' (14' SERVING MORE THAN ONE RESIDENCE);
2) SURFACE - 6" OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING (1-1/2" MIN);
3) GEOMETRY - MAX. 15% GRADE, MAX. 10% GRADE CHANGE AND MIN. 45' TURNING RADIUS;
4) STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (205 LOADINGS);
5) DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE;
6) MAINTENANCE - SUFFICIENT TO INSURE ALL WEATHER USE.
 - FOR THE FLAG OF PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND ROAD RIGHT-OF-WAY LINE.
 - LANDSCAPING FOR LOT 4 IS PROVIDED IN ACCORDANCE WITH A CERTIFIED LANDSCAPE PLAN ON FILE WITH THIS PLAN IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL.
 - THIS SUBDIVISION IS EXEMPT FROM THE REQUIREMENTS OF CONSERVATION BECAUSE THE SITE IS A MINOR SUBDIVISION THAT CREATES ONE ADDITIONAL LOT AND HAS NO FURTHER SUBDIVISION POTENTIAL.
 - THERE ARE EXISTING DWELLINGS LOCATED ON LOTS 1, 2 TO REMAIN (JOE DAVIS SUBDIVISION 89-193).
NO NEW BUILDINGS, EXTENSIONS, OR ADDITIONS TO THE EXISTING DWELLINGS ARE TO BE CONSTRUCTED AT A DISTANCE LESS THAN THE ZONING REGULATIONS REQUIRE.
 - SITE DEVELOPMENT PLAN WILL BE REQUIRED FOR LOT 4.
 - DRIVEWAY WITHIN EASEMENT FOR INGRESS, EGRESS, & MAINTENANCE TO BE PRIVATELY MAINTAINED. SEE DECLARATION OF MAINTENANCE OBLIGATION IN LIBER 2091 FOLD 340.

DEVELOPER'S / BUILDER'S CERTIFICATE

I/WE CERTIFY THAT THE LANDSCAPING SHOWN ON THIS PLAN WILL BE DONE ACCORDING TO THIS PLAN, SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE HOWARD COUNTY LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION OF CERTIFICATION OF LANDSCAPE INSTALLATION WE WILL SUBMIT AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS TO THE DEPARTMENT OF PLANNING AND ZONING.

NAME: _____ DATE: _____

REVISIONS

DATE	REVISIONS



Landesign
ENGINEERS * SURVEYORS * PLANNERS
2905 MITCHELLVILLE ROAD SUITE NO. 111
BOWIE, MARYLAND 20716
(301) 249-8802

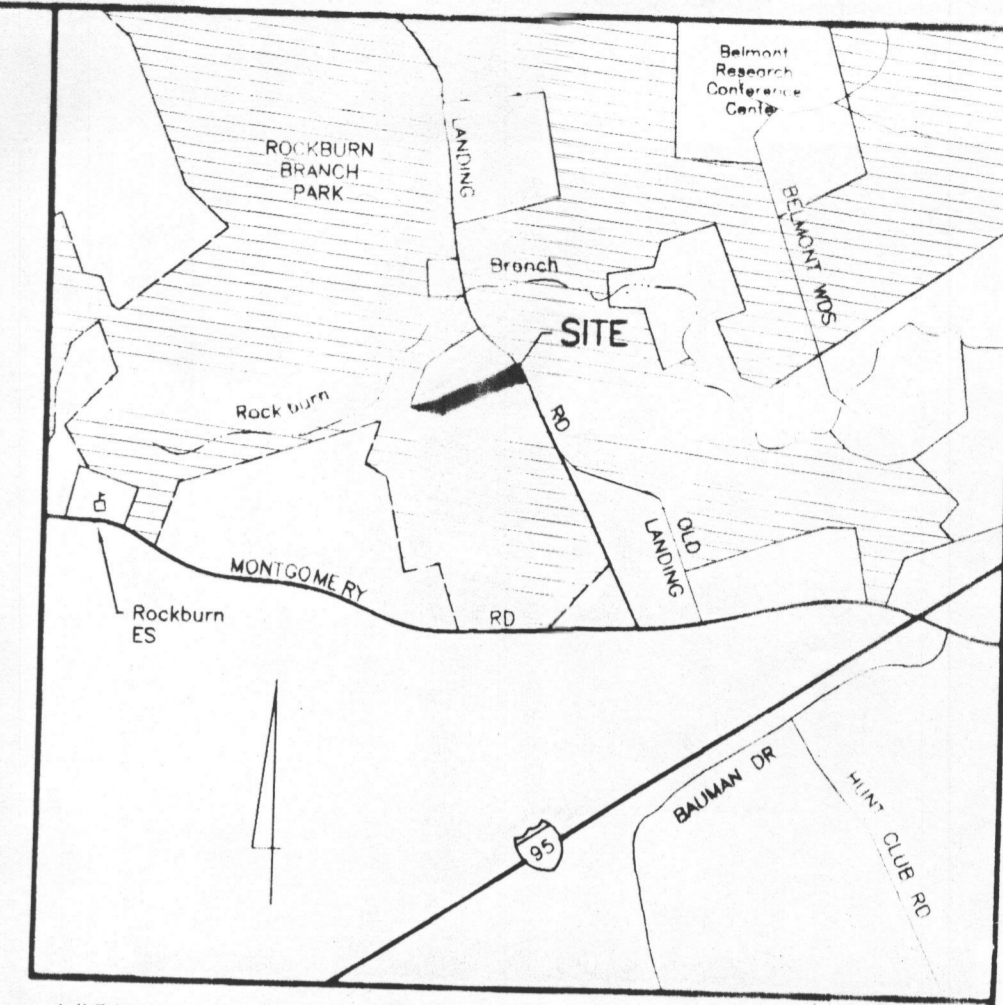
OWNER/DEVELOPER
Fred Johnson
5590 Landing Road
Elkridge, Maryland 21075
Phone 410-799-2126
Fax 410-799-0282

SUPPLEMENTAL PLANS- TOPOGRAPHY,
PERIMETER LANDSCAPING, HOUSE LOCATION
SIMPLIFIED FOREST STAND DELINEATION PLAN

A RESUBDIVISION OF LOT 2 JOE DAVIS SUBDIVISION 89-193
HILLTOP ACRES
Tax Map 31 Parcel 237
1st Election District
Howard County, Maryland

DATE: JAN, 2005	SCALE: 1"=50'
DESIGN BY: JF	DRAWN BY: GN
CHECKED BY: JF	SHEET NO: 1 of 1
PERMIT NO:	JOB NO.: 03-057

CURVE DATA					
No	Rad	Delta	Arc	Tan	Chord
1	970.00'	09°47'25"	166.75'	83.08'	S 41° 11' 01" E 165.54'
2	970.00'	03°01'15"	51.14'	25.58'	S 37° 18' 41" E 51.14'



VICINITY MAP SCALE: 1" = 2000'

THE PLAN PREPARER HAS INSPECTED THE SITE AND THE PLAN IS ACCURATE AS DRAWN.

THE HOUSE FOOTPRINT SHOWN REFLECTS THE ACTUAL SIZE OF THE PROPOSED HOUSE TO BE BUILT.

- GENERAL NOTES**
- THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT SHALL NOT BE NECESSARY.
 - THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
 - EXISTING WELLS AND/OR SEWERAGE EASEMENTS WITHIN 100 FEET OF THE PROPERTY HAVE BEEN SHOWN FROM THE BEST AVAILABLE INFORMATION.
 - ALL HOUSE SITES SHOWN COMPLY WITH MINIMUM BUILDING RESTRICTION REGULATIONS.
 - ALL WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT RECORDATION. IT IS THE DEVELOPERS RESPONSIBILITY TO SCHEDULE THE WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS-UP THE HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.
 - ALL TOPOGRAPHY REFLECTS FIELD-MATCHED INFORMATION.

APPROVED FOR PUBLIC (OR PRIVATE) WATER AND PUBLIC (OR PRIVATE) SEWERAGE
 County Health Officer: *[Signature]* Date: 3/31/05
 Howard County Health Department

SURVEYOR'S CERTIFICATE
 I hereby certify that the position of all existing improvements shown hereon this plan have been carefully established by field measurements. The level of accuracy of field measurements and setback distances are to the nearest 0.1 foot. Unless otherwise shown, property corners have not been set.
 DATE: 3/8/04
 JEFFREY J. FELKER
 PROFESSIONAL LAND SURVEYOR No. 21166

DATE	REVISIONS
1-20-05	Revised Per Kevin Bell's Comments
1-27-05	" " " "



landesign
 ENGINEERS * SURVEYORS * PLANNERS
 2905 MITCHELLVILLE ROAD SUITE NO. 111
 ELKRIE, MARYLAND 20716
 (301) 249-8802

OWNER/DEVELOPER
 Fred Johnson
 5580 Landing Road
 Elkridge, Maryland 21075
 Phone 410-799-2126
 Fax 410-799-0282

PERCOLATION CERTIFICATION PLAN

LOTS 2A and 3A
 A RESUBDIVISION OF LOT 2
JOE DAVIS SUBDIVISION
 Tax Map 31 parcel 237
 1st Election District
 Howard County Maryland

DATE: March 2004	SCALE: 1"=50'
DESIGN BY:	DRAWN BY: J.F.
CHECKED BY:	SHEET NO: 1 of 1
PERMIT NO.:	JOB NO.: 03-057

Health