

APPLICATION

FOR PERCOLATION TESTING AND SITE EVALUATION

TEST DATE(S) _____ TEST TIME _____

AP 526261-B

AGENCY REVIEW: _____

DATE 3/2/07

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 5 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) LEV N. FEINSTEIN, LARISA FEINSTEIN AND NOOSHIN SOOZANBAER

DAYTIME PHONE 443-677-1630 CELL _____ FAX _____

MAILING ADDRESS 9917 Old Indianapolis Road - Elllicott City MD 21042
STREET CITY/TOWN STATE ZIP

APPLICANT SAME

DAYTIME PHONE 443-570-3165 CELL 443-570-3165 FAX 410-381-5052

MAILING ADDRESS 8955 Skyrock Ct. Columbia MD 21046
STREET CITY/TOWN STATE ZIP

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

PROPERTY LOCATION
SUBDIVISION/PROPERTY NAME #12097 FREDERICK ROAD LOT NO. 3

PROPERTY ADDRESS #12097 FREDERICK ROAD - Elllicott City
STREET TOWN/POST OFFICE

TAX MAP PAGE(S) 16 GRID 13 PARCEL(S) 270 PROPOSED LOT SIZE 3.78 Ac

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

TEST RESULTS WILL BE MAILED TO APPLICANT.

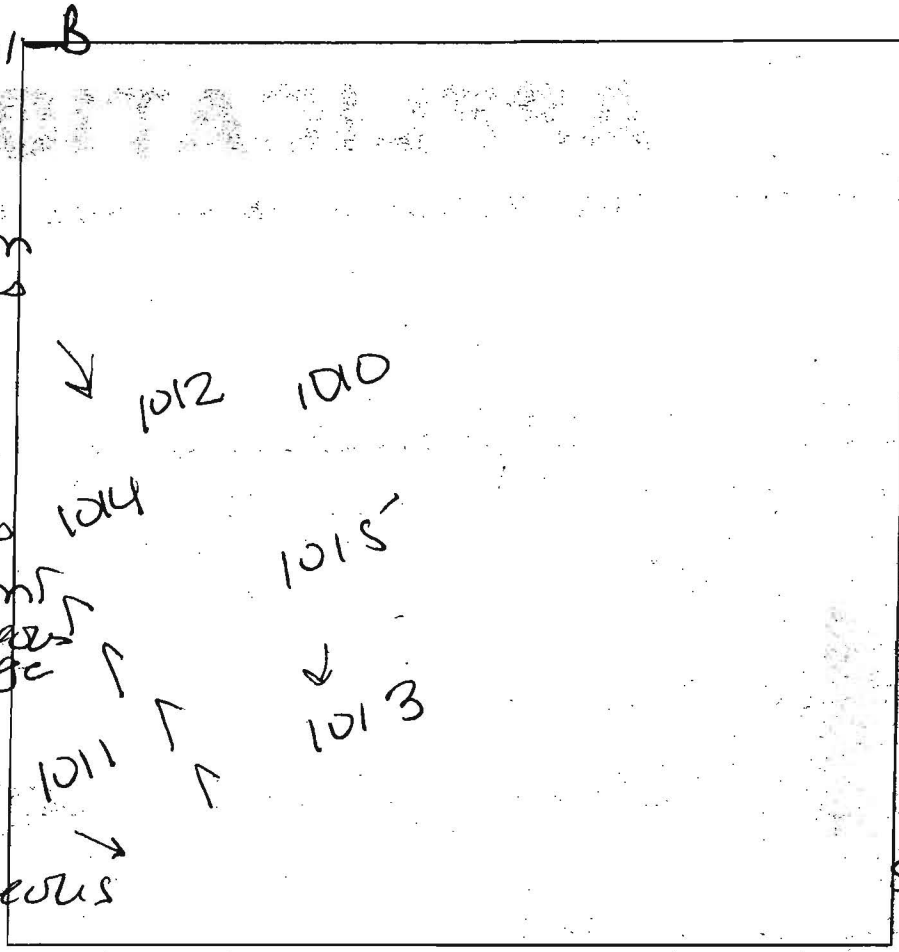
[Signature]

SIGNATURE OF APPLICANT

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

AP 526261 B

1015
 1.5' Bm L
 Pale RD/Bm
 micaeous
 CL
 3.5' Yell Bm
 FSCL
 5' RD SCL
 micaeous
 8' RD Yell Bm
 SCL micaeous
 11' H2O seepage
 13' 1012 *
 1' Bm L
 Pale RD
 CL micaeous
 3' RD Dense
 SCL
 micaeous
 5.5' Yell Bm
 SL
 micaeous
 12' 1014 *
 Bm SL
 micaeous
 1.5' RD
 SCL
 micaeous
 5' Yell Bm
 SL
 micaeous
 9' Yell Bm
 LS
 micaeous
 12'



1013
 6" Bm L
 1.5' Bm SCL
 UBm
 CL Firm
 3.5' RD Bm
 SCL friable
 7' Yell Bm
 SL
 8' Yell Bm
 SCL very
 10' moist
 1011
 6" DK Bm L
 RD Bm
 SCL lfsbk
 4' RD Bm
 5' SL lfsbk
 Bm SL
 om
 micaeous
 10' H2O seepage
 gr/Bm SL
 11' 1010
 6" DK gr/Bm L
 Lt gr/Bm heavy
 L lfsbk
 1.5' Bm L dense
 Cl f depl.
 35' mif enrich
 RD Bm L
 dense lfsbk
 5.5' Bm SL heavy
 7.5' RD Bm
 SCL micaeous
 12'

DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
4/12/07	1015	5' 11"	11:57	> 30			F
	1012	4.5' 12"	12:47	1:03	1:32	29	P
	1014	5.5' 12"	12:58	1:16	> 30		
	1014 *	7' 12"	2:09	2:15	2:30	15	P
	1015	5.5' 10'	12:23	3/4" in 30 min Pulled			F
	1011	5.5' 10'	12:37	12:40	12:46	6	P
	1010	6.5' 11.5'	1:18	3/4" in 30 min Pulled			F

REMARKS * Tested in wet season
 SANITARIAN AT/RB BACKHOE Mike Johnson OTHERS
 TEST HOLES USED IN SDA _____ AVG. PERC TIME _____ SQ. FT/BR _____
 TRENCH WIDTH _____ INLET DEPTH _____ MAX. BOT DEPTH _____ EFFECTIVE SW _____

Frederick Rd

AP 524261

1020

2' Bm L
RD SL
micaeolus
dense/compacted

7' RDBm/Pale Bm
SL
micaeolus
St. cem.
Saprolite

9' HB

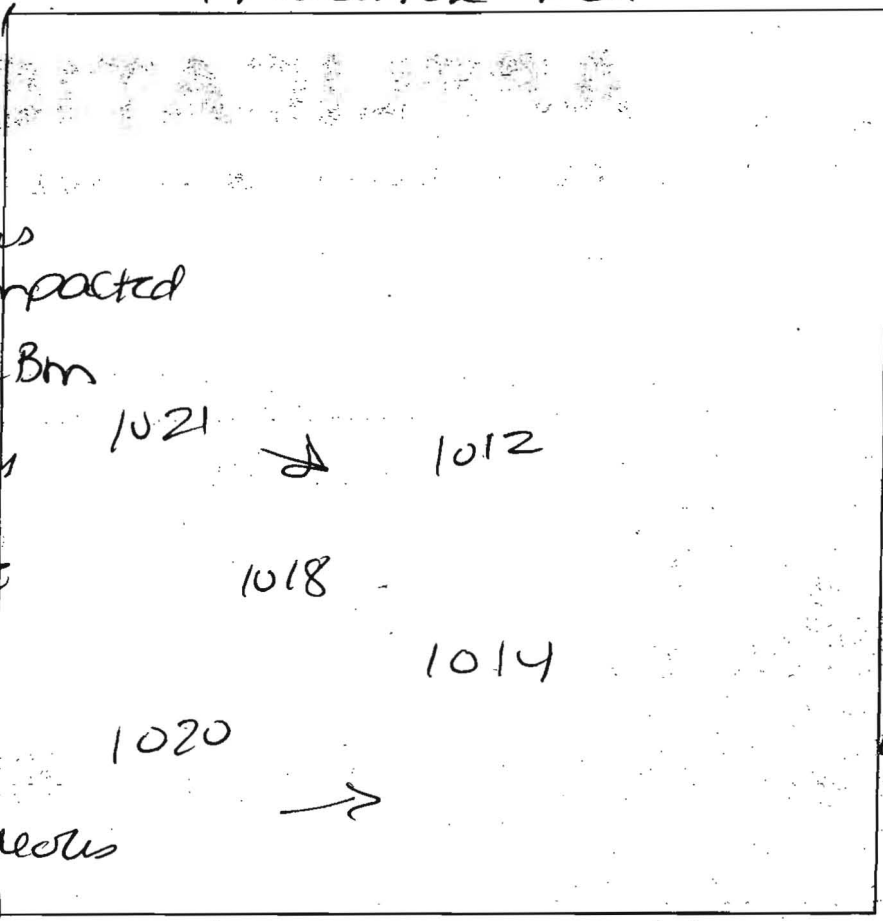
1018

6" Bm L
RD Bm
SCH micaeolus
Co. Cherty

5' RD Bm
SL
St. cem.
Saprolite
micaeolus

9' multi-color
ESL
Saprolite

12'



8" Bm L
RD Bm
SCH dense
Co. Cherty

5' RD Bm SL
Co. Cherty
St. cem
Saprolite
micaeolus

9' Pale Bm
Co. LS
St. cem
Saprolite

10' HB

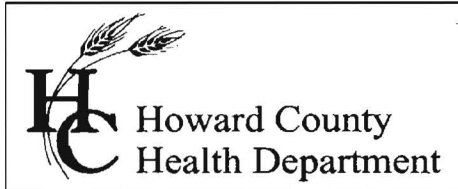
DATE	TEST #	DEPTH	START	BREAK 1" DROP	STOP 2" DROP	TIME OF 2ND INCH	P/F/H
5/15/07	1021	5' 9"	11:03	11:06	11:12	6	P
	1018	5.5' / 12'	11:41	11:44	12:02	18	P
	1020	5.5' / 10'	12:34	12:36	12:38	2	P

REMARKS Lot 3

SANITARIAN AC BACKHOE Mike Johnson OTHERS _____

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

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



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

March 25, 2009

Terrell Fisher, Fisher Collins and Carter, Inc.
For Mr. & Mrs. Feinstein and Mr. N. Soozanger, owners

RE: Variance request
Tax Map 16, Parcel 270
Friendship Meadows, Lot 3
Ellicott City, Maryland 21042

Dear Mr. Terrell Fisher,

The Health Department has received your variance request of March 12, 2009 for the above referenced property and on behalf of your clients, Mr. Lev N. Feinstein, Ms. Larisa Feinstein, and Mr. Nooshin Soozanager.

The Maryland Department of the Environment (MDE) has accepted our recommendation to approve the variance request with these requirements:

- 1) the well to be installed (on Lot 3) will be at a distance greater than 200 feet from the existing septic easement
- 2) any well installed on Lot 3 will be cased and grouted to bedrock (a standard practice in Howard County)

The outcome of the evaluation is to allow the location of a well and well reserve area downgradient from the existing septic easement at 12113 Frederick Road, Lot 2 – William E. Saunders Property (subdivision).

If you have any questions regarding this letter, you may contact me at the above address or by calling (410) 313-1771.

Sincerely,

Robert Bricker, R.S.
Well and Septic Program

Maryland Department of the Environment

**FISHER, COLLINS
& CARTER, INC.**

**CIVIL ENGINEERING CONSULTANTS
and LAND SURVEYORS**

Terrell A. Fisher, P.E., L.S.
Earl D. Collins, P.E.
Charles J. Crovo, Sr., P.E., L.S.

Paul W. Kriebel, P.E.
Mark L. Robel, P.L.S.
Aldo M. Vitucci, P.E.

March 12, 2009

Mr. Michael Davis
Environmental Sanitarian Program Supervisor
Well and Septic Program
Howard County Health Department
7178 Columbia Gateway Drive
Columbia, Maryland 21046-2147

Re: F-09-038
Friendship Meadows, Lots 1 thru 3
Percolation Certification
Plan Revision, **PC526261**
Variance Request

Dear Mr. Davis:

On behalf of our clients, Mr. Lev N. Feinstein, Ms. Larisa Feinstein and Mr. Nooshin Soozanagar, we are submitting this request for a variance to Maryland Department of the Environment (MDE), as authorized the Code of Maryland, COMAR 26.04.02.05.C, stating that "On-site sewage disposal systems shall be located downgrade from private water supplies. A variance to this requirement may be granted by the Department of the Environment after consideration of the hydrogeologic conditions and recommendations by the Approving Authority." As you are aware, on February 9, 2009, we submitted a revised Percolation Certification Plan (PCP) for the above referenced project that showed the wellbox on Lot 3 more directly downhill from the existing septic easement on adjacent Lot 2 owned by William B. Saunders. Subsequent to that submittal, we received comments from Mr. Robert Bricker dated February 19, 2009, (copy attached) of your office indicating that the wellbox location was unacceptable because it was less than the 200' allowed by Howard County Code [3.808(D)(3)] for a septic system to occur upgrade of a well. He suggested that we either move the wellbox to the previously approved location or apply to MDE for a variance to allow the wellbox in another location near where it was previously approved. Following up on this comment, Mr. Jim Bailey of this office contacted Mr. Bricker and, based upon their conversations, prepared the attached copy of the Amended PCP showing the revised wellbox location for your review. As can be seen, the wellbox is located 205' from the lower portion of the upgrade septic easement on neighboring Lot 2; in addition, the lower portion of the existing septic easement is considered the 2nd or possible future repair area; also, the natural drainage patterns should carry any subsurface seepage from the septic easement away from the well box location; and lastly, the wellbox location will not impact proposed Preliminary Forest Conservation Easement No. 1

In closing, we are aware that the MDE has implemented a review of well locations proposed downgrade of sewage disposal systems and that final approval of variance requests lies with them based upon Approval Authority recommendations. As such, and in consideration of the information we have provided, we respectfully request your approval of this request.

**FISHER, COLLINS
& CARTER, INC.**

**CIVIL ENGINEERING CONSULTANTS
and LAND SURVEYORS**

Should you have questions, or require additional information, please contact this office at 410-461-2855.

Very truly yours,
Fisher, Collins and Carter, Inc.



Terrell A. Fisher. P.E., L.S.

WO #06055-3001

c.c. Mr. Lev N. Feinstein, Ms. Larisa Feinstein and Mr. Nooshin Soozanagar

PROPERTY OF
MARC PALUS
L 8588, F. 381
TAX MAP 16
PARCEL 265
ZONED RR-DEO

Terrell A. (Registered Land)
L. Feinstein
Lev N. Feinstein (Owner)
Nooshin Soozangar (Owner)
Larisa Feinstein (Owner)
Larisa Feinstein
11/30/10 Date

LEGEND

- SB: STREAM AND TOP OF BANK
- WL-1: 75' STREAM TOP OF BANK BUFFER
- WL-2: LIMIT OF WETLANDS
- WB: WETLANDS AREA
- WB: 25' WETLANDS BUFFER
- WB: PRIVATE USE-IN-COMMON DRIVEWAY ACCESS EASEMENT
- FP: LIMIT OF PUBLIC 100 YEAR FLOODPLAIN, DRAINAGE & UTILITY EASEMENT
- FP: NATURAL AREA CONSERVATION STORMWATER MANAGEMENT CREDIT EASEMENT
- FP: PUBLIC FOREST CONSERVATION EASEMENT (RETENTION)
- FP: PUBLIC FOREST CONSERVATION EASEMENT (REFORESTATION)
- FP: UNMITIGATED 65 dBA NOISE CONTOUR LINE

PROPERTY OF
ROBERT PATRICK SAUNDERS &
DEBORAH ANN SAUNDERS
L 1975, F. 500
LOT 1
PLAT NO. 8374
ZONED RR-DEO

PUBLIC 100 YEAR FLOODPLAIN, DRAINAGE & UTILITY EASEMENT

	Bearing & Distance
2	N31°14'01"E 35.91'
2-3	N22°25'18"E 31.68'
3	N18°55'05"E 27.24'
3-4	N29°36'40"E 23.68'

24' Private Use-In-Common Access Easement Across Lots 1 And 2 For The Use And Benefit Of Lots 1 Thru 3. Maintenance Agreement Recorded Simultaneously With The Recording Of This Plat Among The Land Records Of Howard County.

PROPERTY OF
MICHAEL E. SAUNDERS &
JANET H. SAUNDERS
L 2188, F. 707
LOT 2
PLAT NO. 8374
ZONED RR-DEO

Public Forest Conservation Easement No. 2 Retention 0.75 Acres

Part of LOT 2
Area This Sheet 1.127 Ac
For Total Area See Sheet 2

Public Forest Conservation Easement No. 3 Retention 1.00 Acres

Part of LOT 3
Area This Sheet 3.316 Ac
Total Area 3.582 Ac

LIMIT OF PUBLIC 100 YEAR FLOODPLAIN, DRAINAGE & UTILITY EASEMENT 0.206 Ac

Copy Plat # 21458
Friendship Meadows lots 1-3

PROPERTY OF
DAVID B. SVRCEK &
EVE HANSEN
L 1668, F. 173
TAX MAP 16
PARCEL 87
ZONED RR-DEO

RECORDED AS PLAT No. 21458 ON 11/20/10
AMONG THE LAND RECORDS OF HOWARD COUNTY.
FRIENDSHIP MEADOWS
LOTS 1 THRU 3

DEVELOPER

Reservation Of Public Utility Easements

Developer Reserves Unto Itself, Its Successors And Assigns, All Easements Shown On This Plan For Water, Sewer, Storm Drainage, And Other Public Utilities Located In, On, Over, And Through Lots 1 Thru 3, Any Conveyances Of The Aforesaid Lots Shall Be Subject To The Easements Herein Reserved, Whether Or Not Expressly Stated In The Deed(s) Conveying Said Lot(s). Developer Shall Execute And Deliver Deeds For The Easements Herein Reserved To Howard County. Upon Completion Of The Public Utilities And Their Acceptance By Howard County, The County Shall Accept The Easements And Record The Deed(s) Of Easement In The Land Records Of Howard County.

PROPERTY OF
ROBERT PATRICK SAUNDERS &
DEBORAH ANN SAUNDERS
L 1875, F. 500
LOT 1
PLAT NO. 8374
ZONED RR-DEO

PROPERTY OF
MARC PALOS
L 8588, F. 381
TAX MAP 16
PARCEL 265
ZONED RR-DEO

The Requirements §3
Of Maryland, 1988 Re
They Relate To The
Have Been Complied

Terrell A. Fisher, L.S.
(Registered Land Sur

L. Feinstein
(Owner)

Nooshin Soozangar
(Owner)

Larisa Feinstein
(Owner)

N 593000
N 120746.7614
(Meters)
E 1331100
E 405720.0914
(Meters)

**PUBLIC 100 YEAR
FLOODPLAIN, DRAINAGE &
UTILITY EASEMENT**

Sym	Bearing & Distance
FP-1	N31°14'01"E 35.91'
FP-2	N22°25'18"E 31.68'
FP-3	N18°55'05"E 27.24'
FP-4	N29°36'40"E 23.68'

WETLAND TABULATION

Sym	Bearing & Distance
WL-1	N35°06'41"E 24.05'
WL-2	S34°27'11"W 24.11'
WL-3	S54°31'05"W 12.75'
WL-4	S65°05'58"W 14.17'
WL-5	S71°56'55"W 18.60'

PROPERTY OF
MICHAEL E. SAUNDERS &
JANET M. SAUNDERS
L 2188, F. 707
LOT 2
PLAT NO. 8374
ZONED RR-DEO

Public Forest Conservation
Easement No. 2
Retention 0.75 Acres

Part Of LOT 2
Area This Sheet 1.127 Ac±
For Total Area See Sheet 2

Part Of LOT 3
Area This Sheet 3.316 Ac±
Total Area 3.582 Ac±

Public Forest Conservation
Easement No. 1
Retention 0.54 Acres

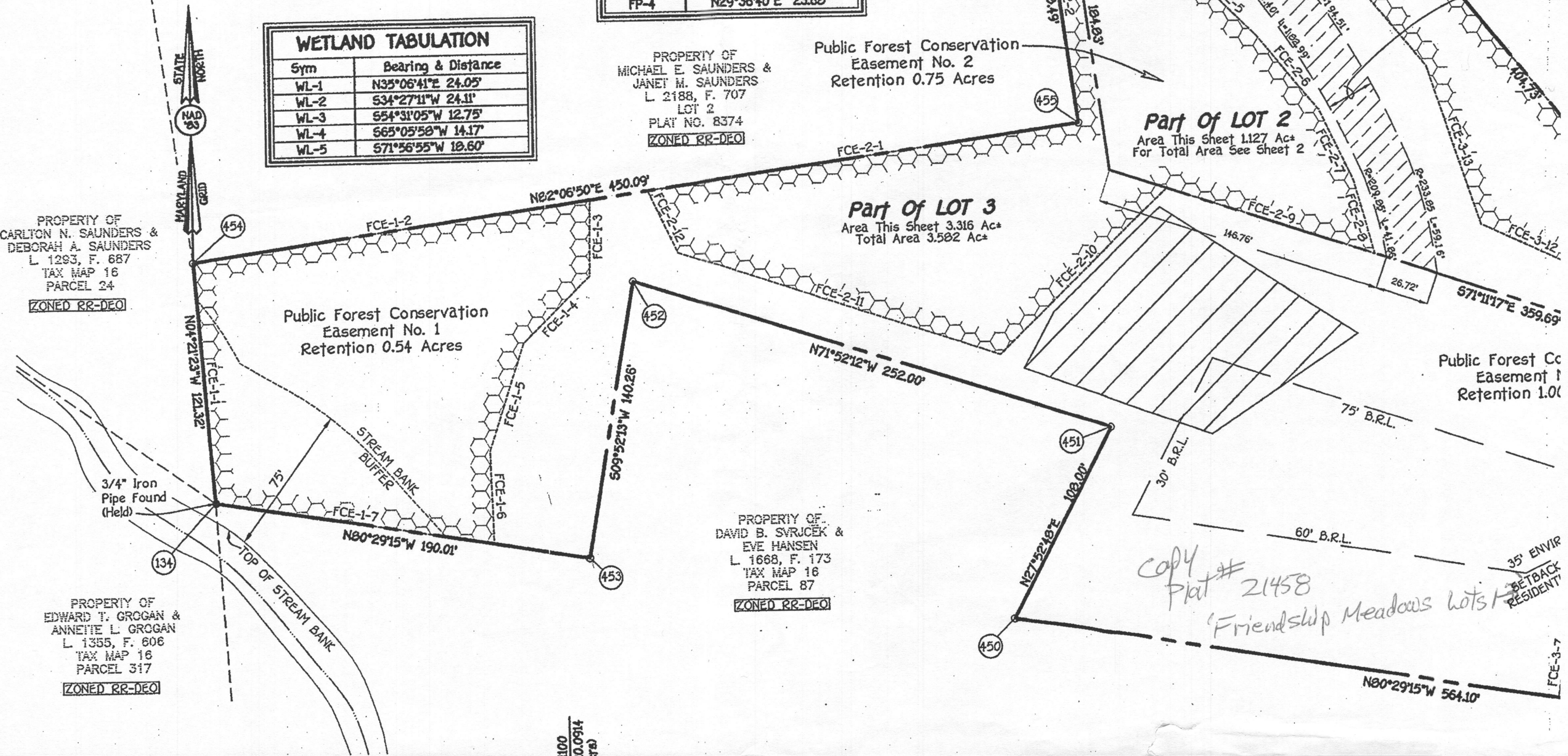
Public Forest Co
Easement 1
Retention 1.00

PROPERTY OF
CARLTON N. SAUNDERS &
DEBORAH A. SAUNDERS
L 1293, F. 687
TAX MAP 16
PARCEL 24
ZONED RR-DEO

PROPERTY OF
EDWARD T. GROGAN &
ANNETTE L. GROGAN
L 1355, F. 606
TAX MAP 16
PARCEL 317
ZONED RR-DEO

PROPERTY OF
DAVID B. SVRICEK &
EVE HANSEN
L 1668, F. 173
TAX MAP 16
PARCEL 87
ZONED RR-DEO

copy
Plat # 21458
'Friendship Meadows lots'
BETBACK
RESIDENT



FILE INQUIRY NOTES

DATE	RESULTS OF REVIEW FOR FILE
2/20/09	Building Well Permit condition
	(Note on Site Plan)
	The Property Line will be marked prior to Installation of the Water House Connection,
PB	the
2/24/09	Sleeve well line in vicinity of septic easement.
	Sleeve well line where it crosses house sewer or effluent line (if it does cross)
	PB